

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013958.D
 Acq On : 01 Jun 2023 11:50
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

Quant Time: Jun 02 06:46:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 06:43:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	269850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	417293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68073	19.056	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	38.120%#		
35) Dibromofluoromethane	7.716	113	53000	19.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.980%#		
50) Toluene-d8	10.179	98	203791	20.146	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.300%#		
62) 4-Bromofluorobenzene	12.477	95	68449	19.848	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	39.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	52155	21.966	ug/l	99
3) Chloromethane	2.113	50	65662	19.967	ug/l	98
4) Vinyl Chloride	2.247	62	62374	20.474	ug/l	96
5) Bromomethane	2.650	94	54003	20.358	ug/l	98
6) Chloroethane	2.790	64	44516	20.418	ug/l	99
7) Trichlorofluoromethane	3.119	101	102745	21.334	ug/l	99
8) Diethyl Ether	3.528	74	34595	18.323	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	52957	21.406	ug/l	98
10) Methyl Iodide	4.095	142	64584	18.942	ug/l	99
11) Tert butyl alcohol	4.924	59	60467m	82.363	ug/l	
12) 1,1-Dichloroethene	3.869	96	52880	20.386	ug/l	90
13) Acrolein	3.729	56	35964	106.972	ug/l	96
14) Allyl chloride	4.472	41	96037	19.078	ug/l	99
15) Acrylonitrile	5.161	53	98596	94.106	ug/l	100
16) Acetone	3.954	43	103929	85.037	ug/l	98
17) Carbon Disulfide	4.192	76	178570	20.358	ug/l	99
18) Methyl Acetate	4.479	43	82334	18.646	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	155902	18.577	ug/l	95
20) Methylene Chloride	4.710	84	66478	17.515	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	58352	19.860	ug/l	97
22) Diisopropyl ether	6.112	45	186915	19.155	ug/l	99
23) Vinyl Acetate	6.058	43	572948	93.614	ug/l	99
24) 1,1-Dichloroethane	6.015	63	106578	19.568	ug/l	99
25) 2-Butanone	6.990	43	133831	87.899	ug/l	98
26) 2,2-Dichloropropane	6.978	77	97182	19.661	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	63106	18.760	ug/l	99
28) Bromochloromethane	7.332	49	52286	20.327	ug/l	98
29) Tetrahydrofuran	7.344	42	89488	94.515	ug/l	99
30) Chloroform	7.502	83	110102	19.253	ug/l	99
31) Cyclohexane	7.783	56	89006	20.692	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	97572	20.115	ug/l	99
36) 1,1-Dichloropropene	7.911	75	79518	21.047	ug/l	98
37) Ethyl Acetate	7.076	43	64226	19.498	ug/l	99
38) Carbon Tetrachloride	7.893	117	90571	21.393	ug/l	98
39) Methylcyclohexane	9.179	83	88263	21.883	ug/l	94
40) Benzene	8.155	78	234515	20.121	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	30357m	19.939	ug/l	
42) 1,2-Dichloroethane	8.234	62	83458	19.528	ug/l	100
43) Isopropyl Acetate	8.271	43	106272	19.160	ug/l	99
44) Trichloroethene	8.935	130	62197	20.378	ug/l	100
45) 1,2-Dichloropropane	9.209	63	60256	20.034	ug/l	98
46) Dibromomethane	9.301	93	37816	19.639	ug/l	99
47) Bromodichloromethane	9.496	83	84170	19.404	ug/l	97
48) Methyl methacrylate	9.289	41	48466	19.198	ug/l	99
49) 1,4-Dioxane	9.313	88	10673m	381.148	ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	301638	96.283	ug/l	99
52) Toluene	10.240	92	145021	20.311	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	90016	19.319	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	96735	19.445	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	50123	19.745	ug/l	96
56) Ethyl methacrylate	10.508	69	68850	18.890	ug/l	99
57) 1,3-Dichloropropane	10.788	76	85725	19.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	112665	80.124	ug/l	98
59) 2-Hexanone	10.831	43	218992	96.536	ug/l	98
60) Dibromochloromethane	10.983	129	62010	19.327	ug/l	99
61) 1,2-Dibromoethane	11.087	107	49137	19.265	ug/l	99
64) Tetrachloroethene	10.715	164	55417	21.224	ug/l	98
65) Chlorobenzene	11.514	112	154481	19.757	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	60653	19.926	ug/l	99
67) Ethyl Benzene	11.587	91	274032	20.248	ug/l	98
68) m/p-Xylenes	11.697	106	212903	41.182	ug/l	98
69) o-Xylene	12.026	106	99646	20.115	ug/l	99
70) Styrene	12.044	104	169425	19.912	ug/l	99
71) Bromoform	12.203	173	44588	19.869	ug/l #	99
73) Isopropylbenzene	12.325	105	258672	20.725	ug/l	100
74) N-amyl acetate	12.142	43	92828	19.385	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	64669	19.825	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	56040m	21.979	ug/l	
77) Bromobenzene	12.605	156	67063	19.876	ug/l	99
78) n-propylbenzene	12.666	91	322419	21.078	ug/l	100
79) 2-Chlorotoluene	12.751	91	185640	20.500	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	223362	20.880	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	23625	19.696	ug/l	99
82) 4-Chlorotoluene	12.855	91	195078	20.483	ug/l	99
83) tert-Butylbenzene	13.075	119	188002	20.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	221083	20.692	ug/l	99
85) sec-Butylbenzene	13.251	105	280063	21.500	ug/l	99
86) p-Isopropyltoluene	13.367	119	234444	21.322	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	128484	20.052	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	129906	20.042	ug/l	98
89) n-Butylbenzene	13.696	91	218991	21.108	ug/l	99
90) Hexachloroethane	13.959	117	47769	20.700	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	119482	20.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12618	20.055	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	71883	19.809	ug/l	99
94) Hexachlorobutadiene	15.111	225	41784	21.618	ug/l	99
95) Naphthalene	15.233	128	144974	19.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	64579	19.539	ug/l	99

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QLast Update : Fri Jun 02 06:43:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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Supervised By :Mahesh Dadoda 06/02/2023

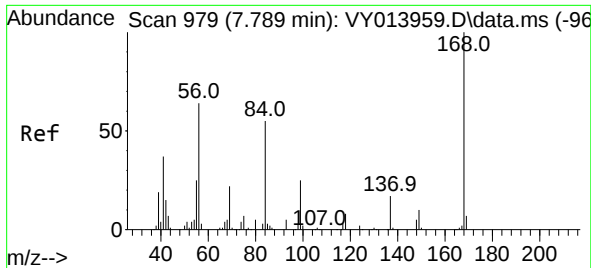
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Abundance

Time-->

Chemical compounds identified (from left to right):

- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- 1,1,2-Trichloroethane, C
- Acetone, T
- Methyl iodide, T
- Carbon Disulfide, T
- Allyl isocyanate, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- Methyl 2,2-Dichloroacetate, T
- 1,1-Dichloroethane, P
- Isopropyl ethyl Vinyl Acetate, T
- 2-Butoxy-2,2-Dichloropropane, T
- Ethyl Acetate, T
- Methacrylonitrile
- Chloroform, C
- Dibutyltin Dichloride, T
- Carbon tetrachloride, T
- 1,2-Dichloroethane, TM
- Isopropyl acetate, T
- 1,4-Dichlorobenzene, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 1,4-Dioxane, T
- 1,2-Dichloroethane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- 2-Chloroethyl Vinyl ether, T
- Toluene-d8, CM
- Ethyl hexachloropropene, T
- 1,1,2-Trichloroethane, T
- 1,3-Dichloropropane, T
- Tetrachloroethene, T
- 1,2-Dibromodichloromethane, T
- Chlorobenzene, PM
- Ethyl Benzene, T
- Chlorobenzene-d5, I
- Styrene, T
- N-aryl acetate, T
- Bromotoluene, P
- trans-1,4-Dichloro-2-butene, T
- 4-Bromofluorobenzene, T
- Isopropylbenzene, T
- 2-Chlorotoluene, T
- 3,5-Dimethylbenzene, T
- tert-Butylbenzene, T
- sec-Butylbenzene, T
- 1,2,4-Trimethylbenzene, T
- 1,4-Dichlorobenzene, T
- n-Butylbenzene, T
- Hexachloroethane, T
- 1,2-Dichlorobenzene, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobutadiene, T
- Naphthalene, I
- 1,2,3-Trichlorobenzene, T



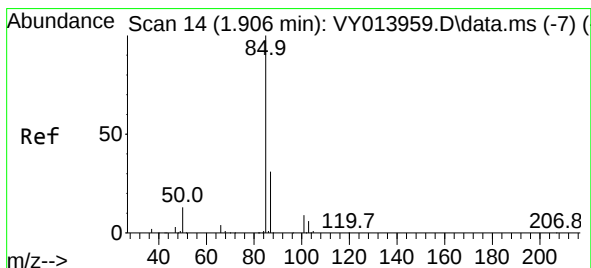
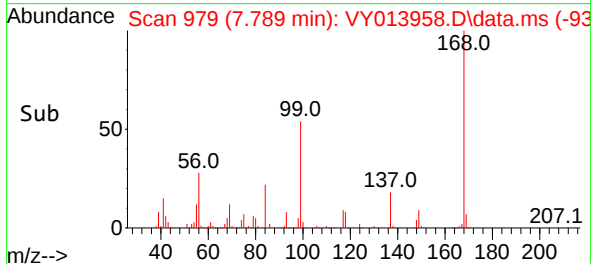
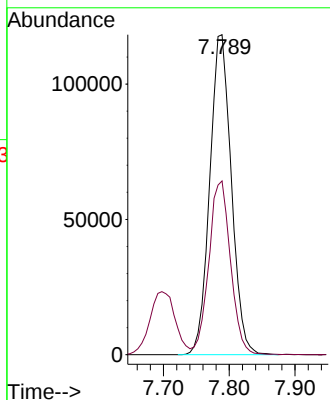
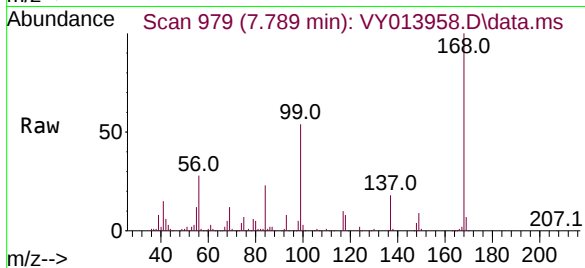
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 269850
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0

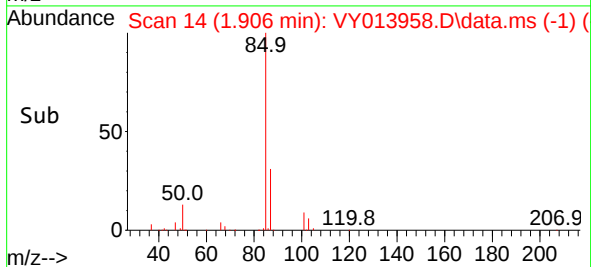
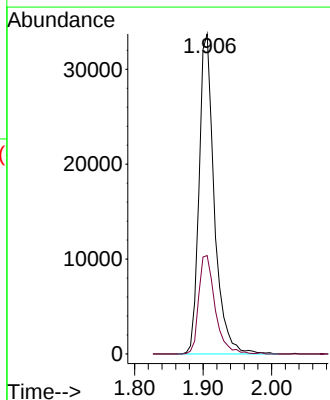
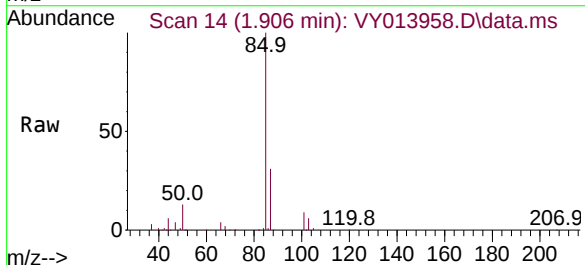
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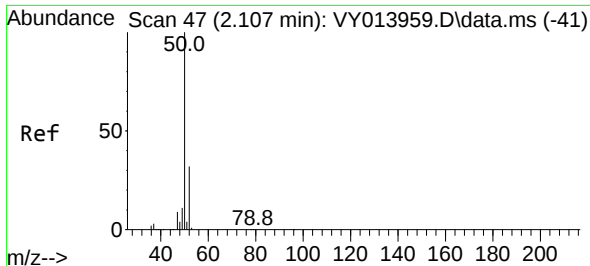
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#2
Dichlorodifluoromethane
Concen: 21.966 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013958.D
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Tgt Ion: 85 Resp: 52155
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8





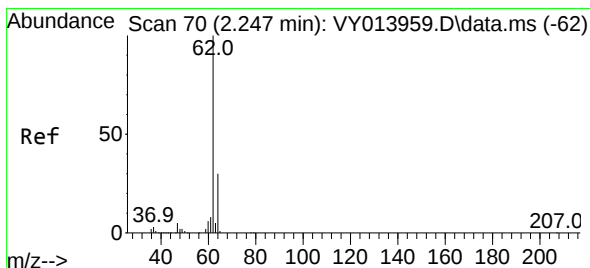
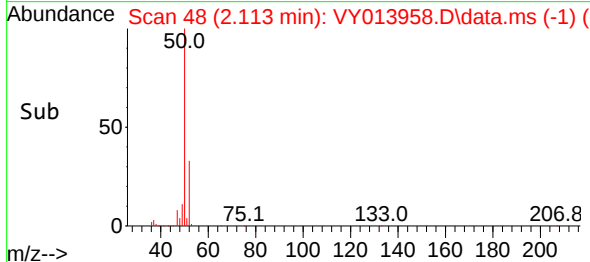
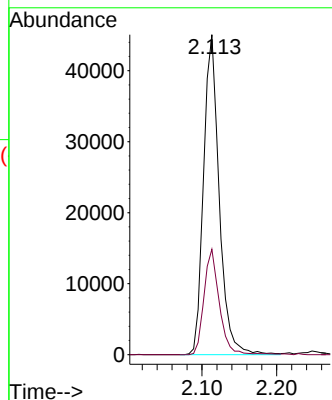
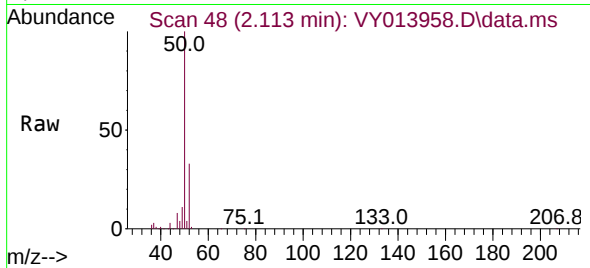
#3
Chloromethane
Concen: 19.967 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 65662
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2

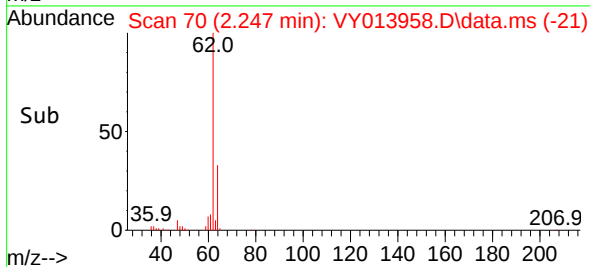
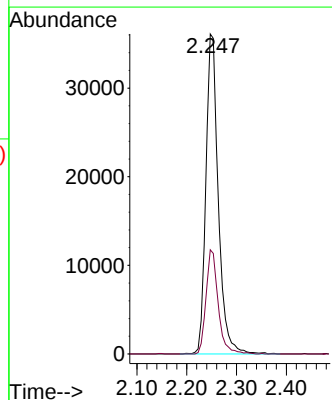
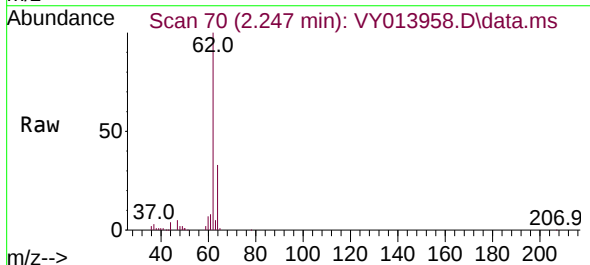
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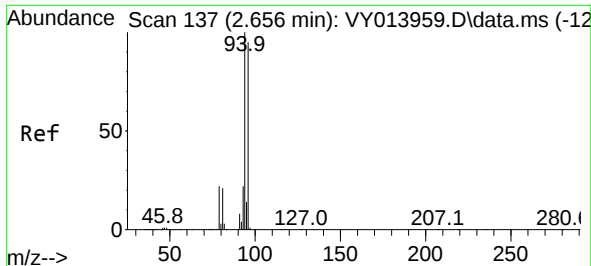
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#4
Vinyl Chloride
Concen: 20.474 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013958.D
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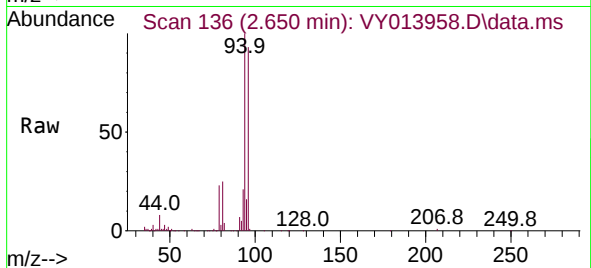
Tgt Ion: 62 Resp: 62374
Ion Ratio Lower Upper
62 100
64 32.5 24.3 36.5





#5
Bromomethane
Concen: 20.358 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
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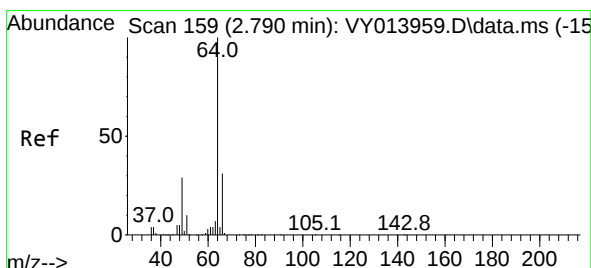
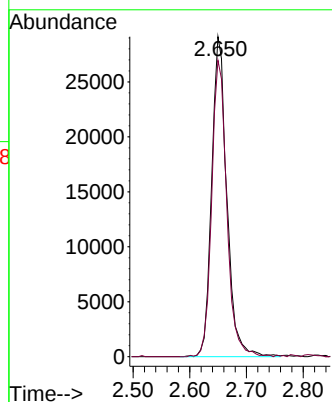
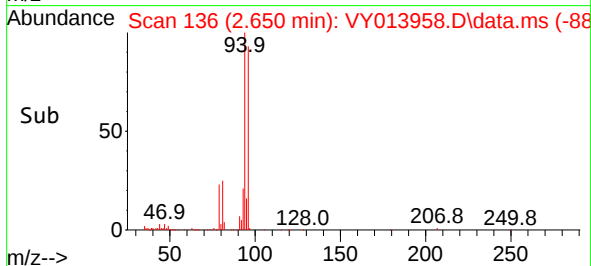
Instrument :
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Tgt Ion: 94 Resp: 5400
Ion Ratio Lower Upper
94 100
96 92.6 75.8 113.6

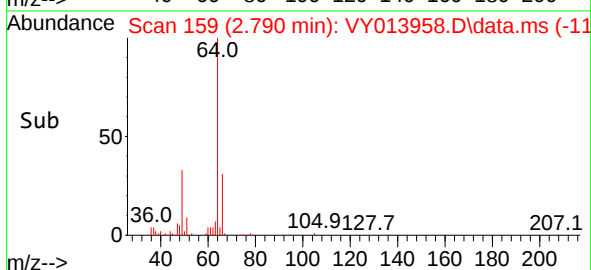
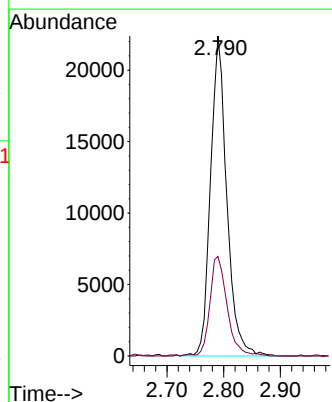
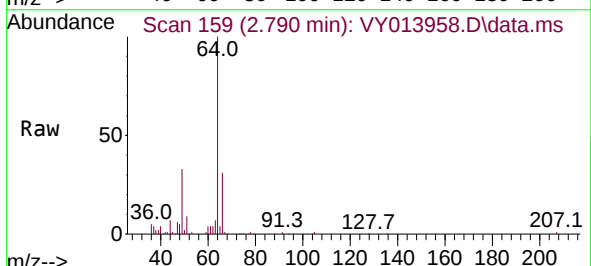
Manual Integrations
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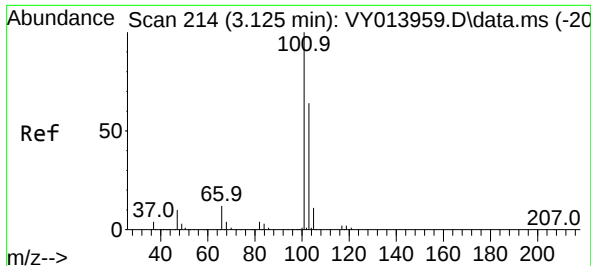
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#6
Chloroethane
Concen: 20.418 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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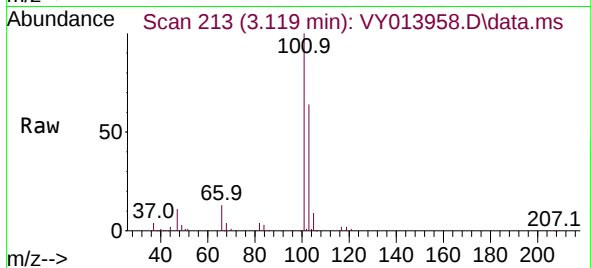
Tgt Ion: 64 Resp: 44516
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 21.334 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013958.D
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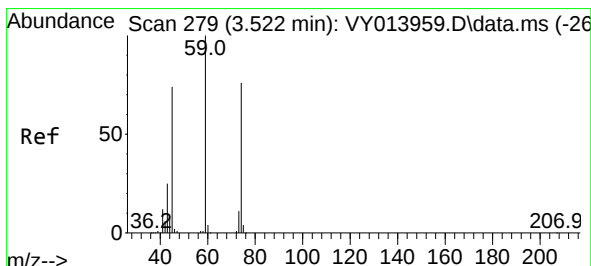
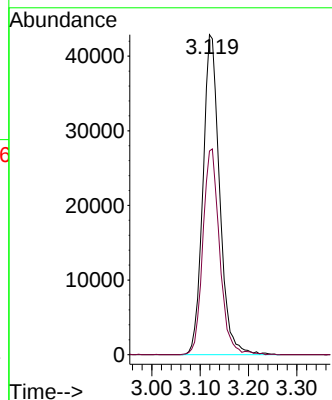
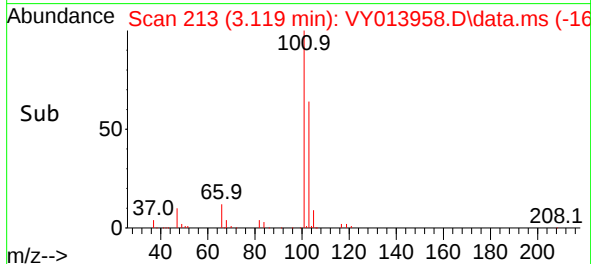
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



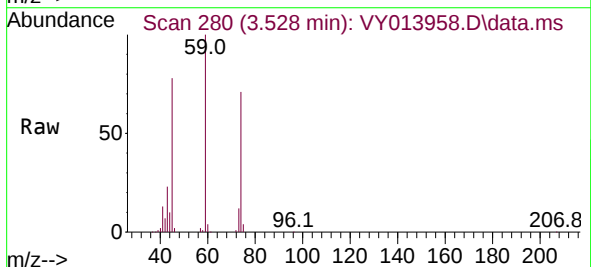
Tgt Ion:101 Resp: 102745
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.4 77.0

Manual Integrations
 APPROVED

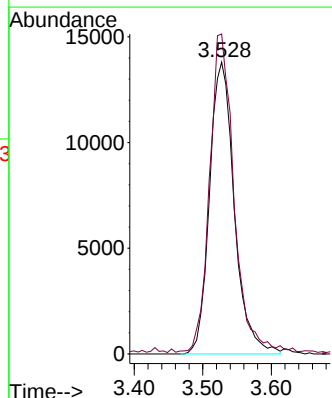
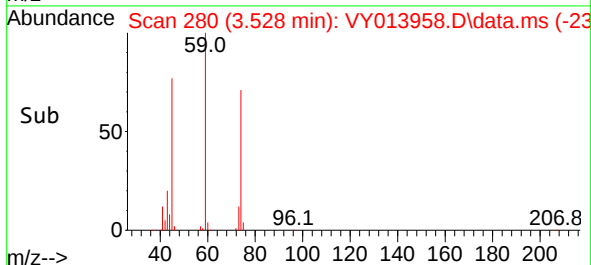
Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

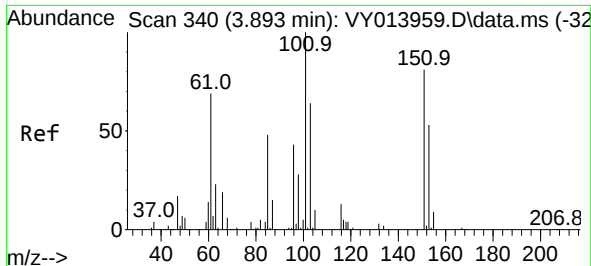


#8
 Diethyl Ether
 Concen: 18.323 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50



Tgt Ion: 74 Resp: 34595
 Ion Ratio Lower Upper
 74 100
 45 106.1 51.5 154.5





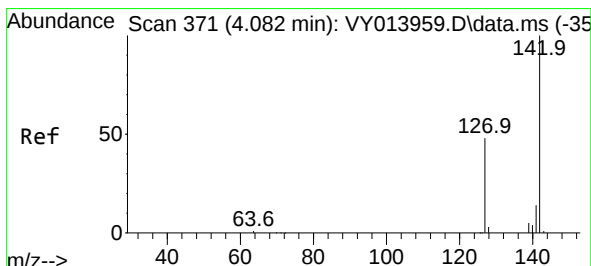
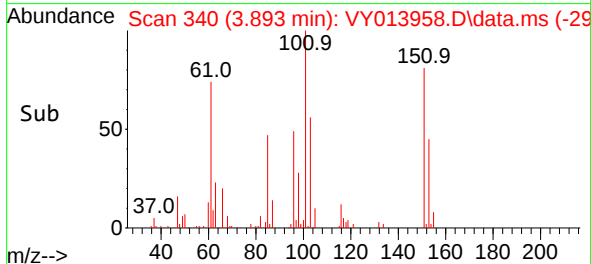
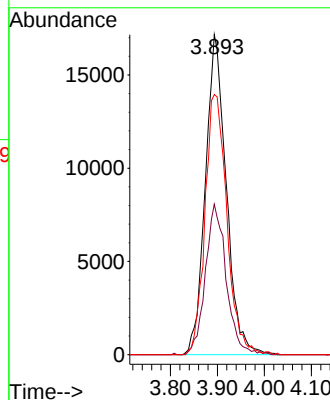
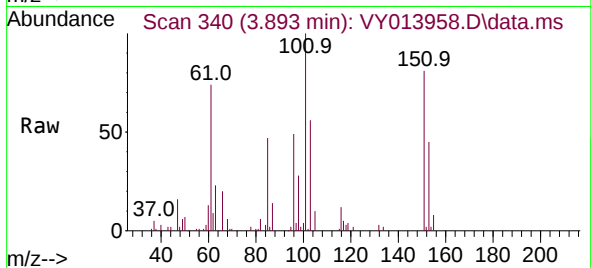
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.406 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 5295
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 85.1 67.0 100.6

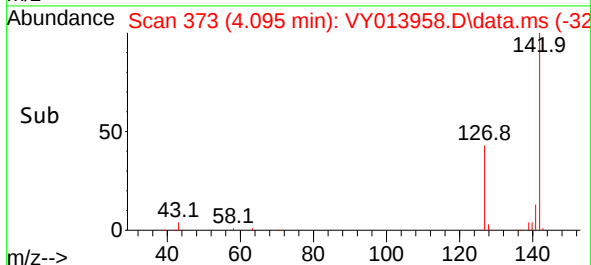
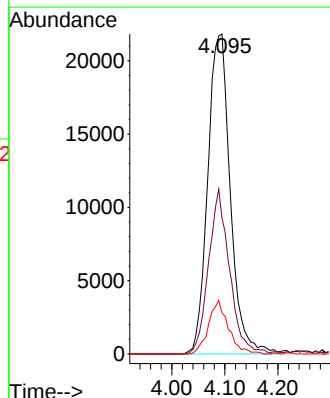
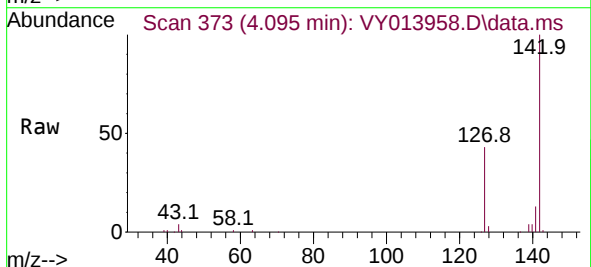
Manual Integrations
APPROVED

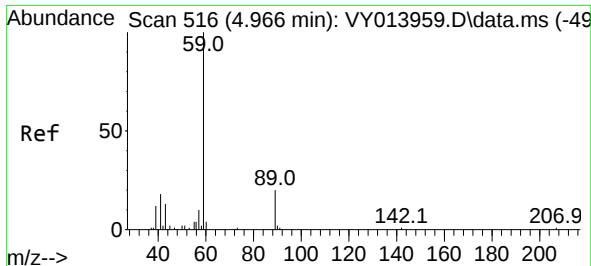
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#10
Methyl Iodide
Concen: 18.942 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.013 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:142 Resp: 64584
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 14.7 11.8 17.8





#11

Tert butyl alcohol

Concen: 82.363 ug/l m

RT: 4.924 min Scan# 509

Delta R.T. -0.042 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 6046

Ion Ratio Lower Upper

59 100

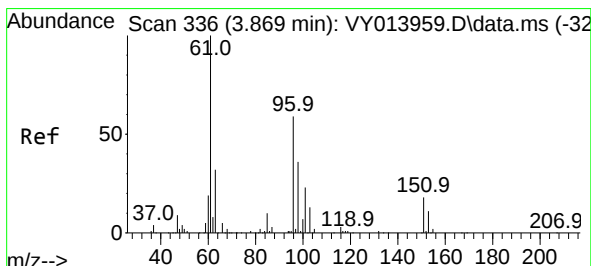
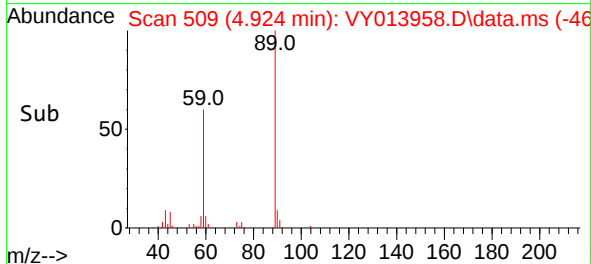
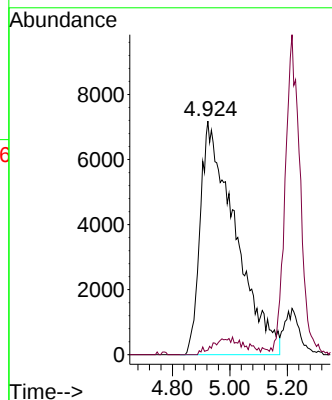
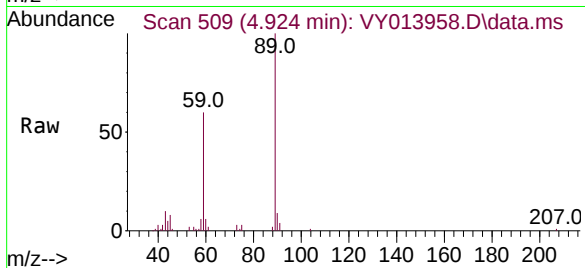
57 0.0 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#12

1,1-Dichloroethene

Concen: 20.386 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

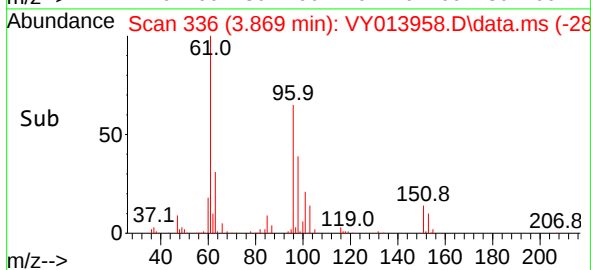
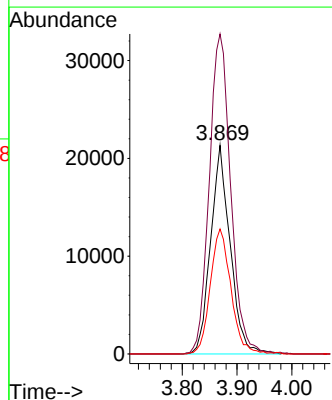
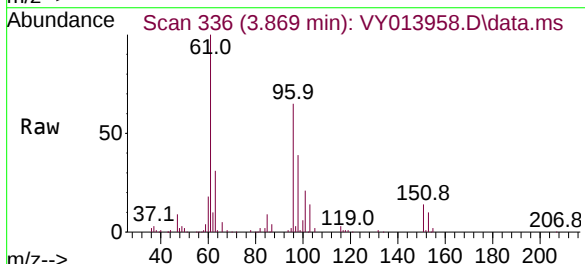
Tgt Ion: 96 Resp: 52880

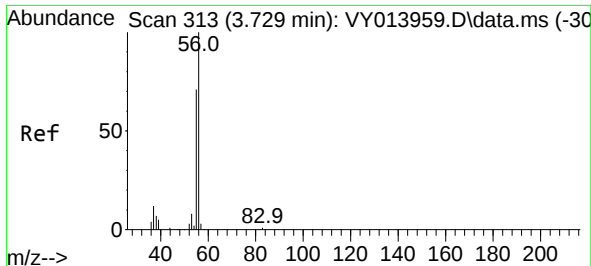
Ion Ratio Lower Upper

96 100

61 153.4 136.4 204.6

98 59.9 49.4 74.2





#13

Acrolein

Concen: 106.972 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 56 Resp: 35964

Ion Ratio Lower Upper

56 100

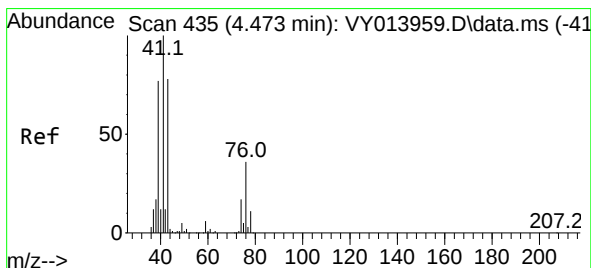
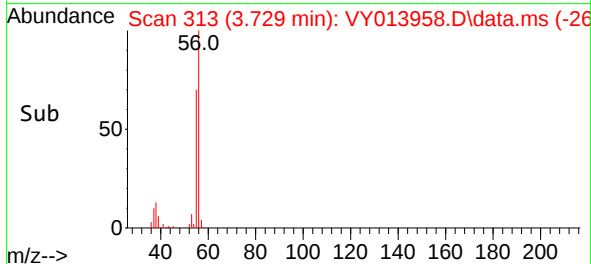
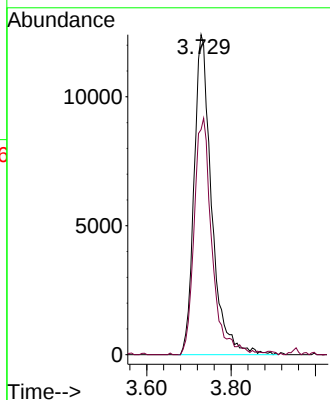
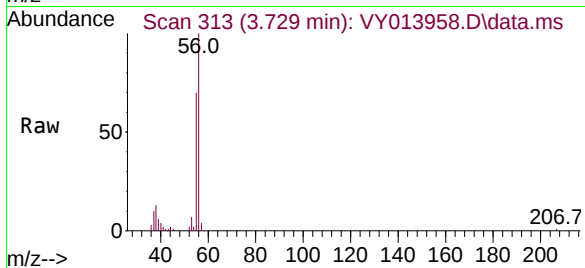
55 74.3 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#14

Allyl chloride

Concen: 19.078 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

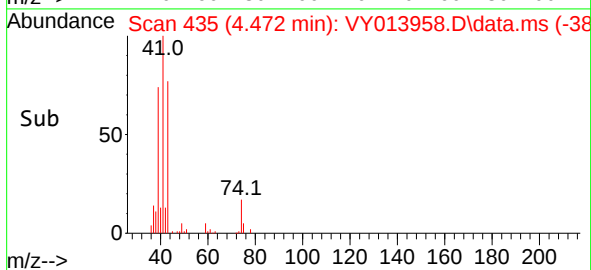
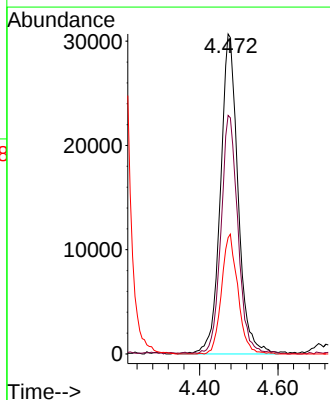
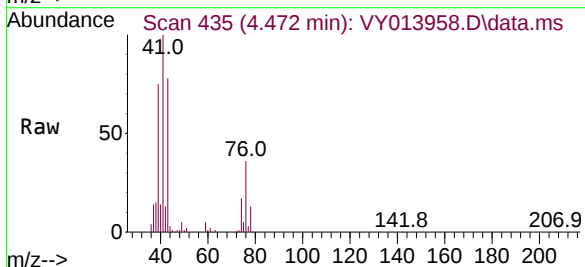
Tgt Ion: 41 Resp: 96037

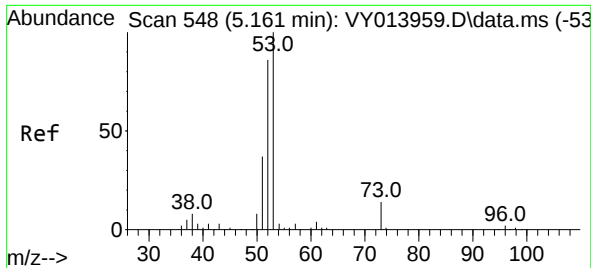
Ion Ratio Lower Upper

41 100

39 71.0 58.0 87.0

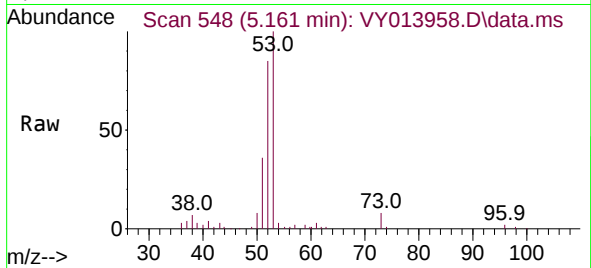
76 34.8 27.4 41.2





#15
Acrylonitrile
Concen: 94.106 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

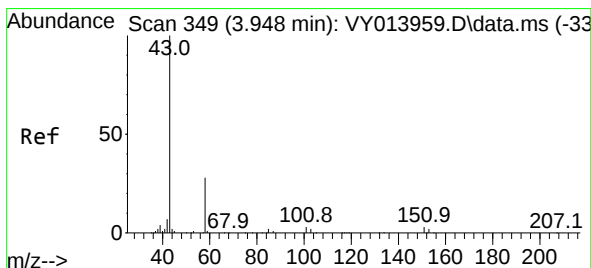
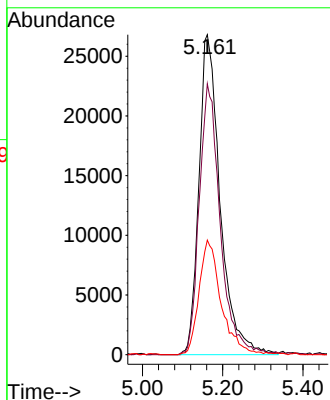
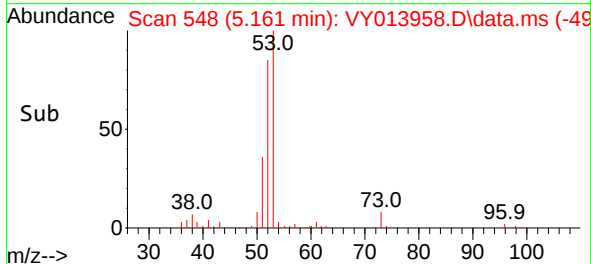
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



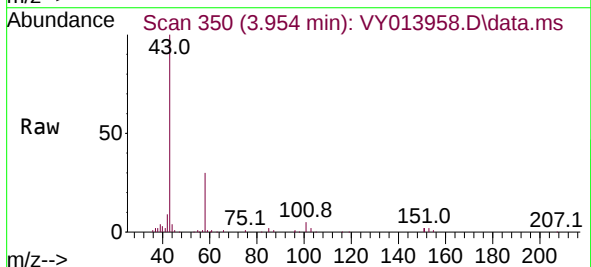
Tgt Ion: 53 Resp: 98590
Ion Ratio Lower Upper
53 100
52 83.3 66.9 100.3
51 37.2 29.8 44.6

Manual Integrations
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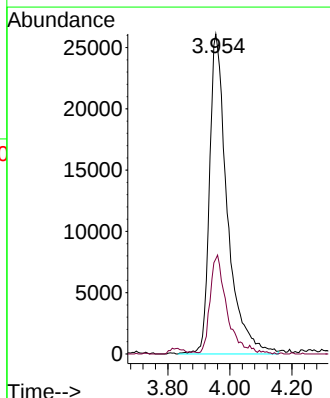
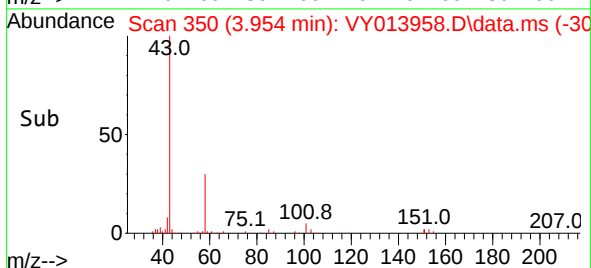
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

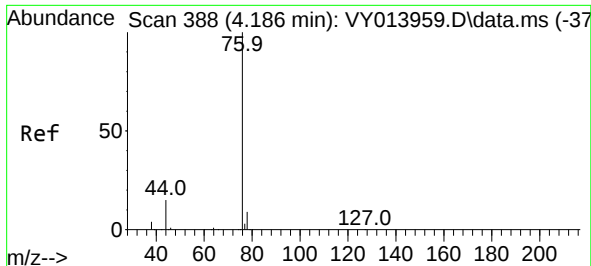


#16
Acetone
Concen: 85.037 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



Tgt Ion: 43 Resp: 103929
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1





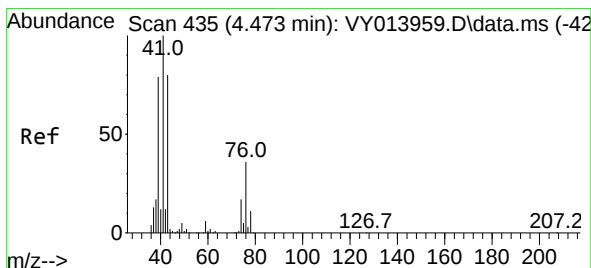
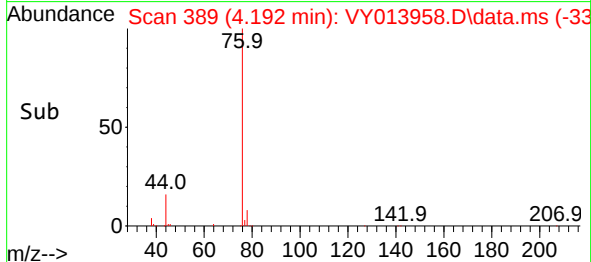
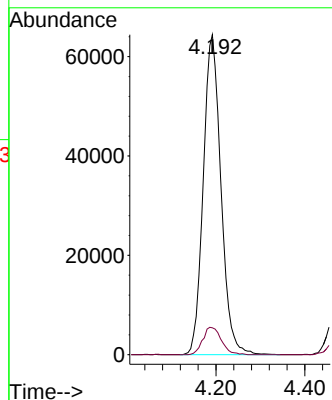
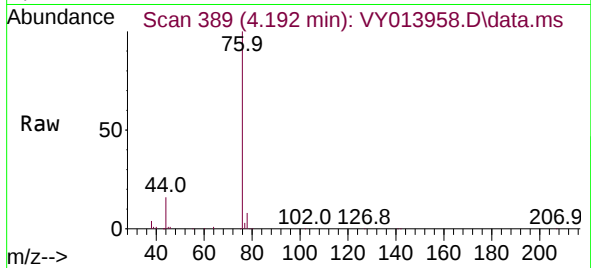
#17
Carbon Disulfide
Concen: 20.358 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 76 Resp: 178570
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4

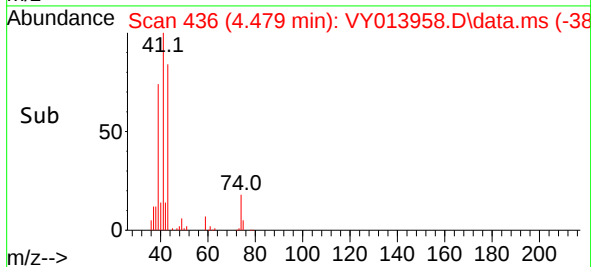
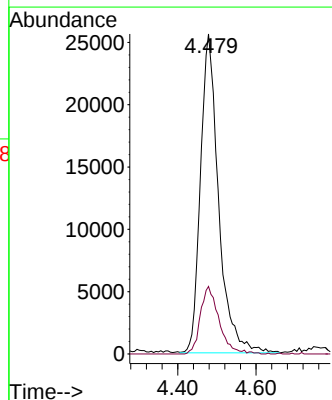
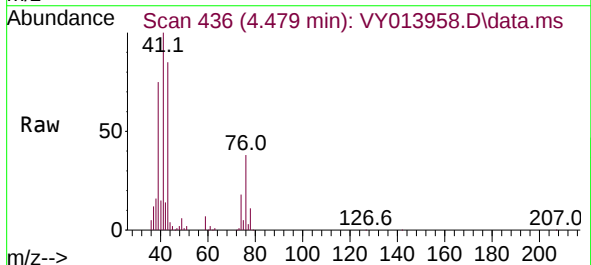
Manual Integrations
APPROVED

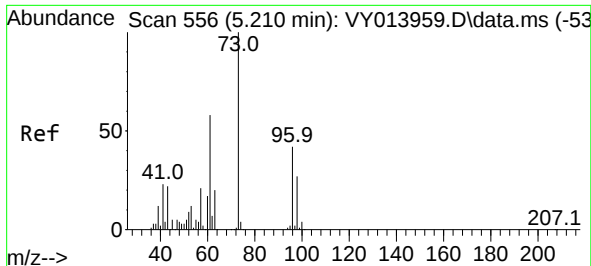
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#18
Methyl Acetate
Concen: 18.646 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

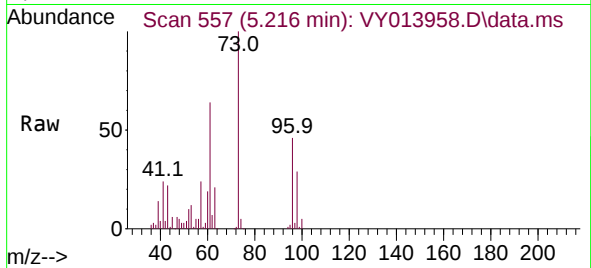
Tgt Ion: 43 Resp: 82334
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0





#19
Methyl tert-butyl Ether
Concen: 18.577 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

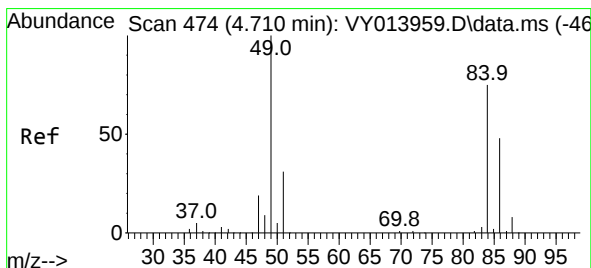
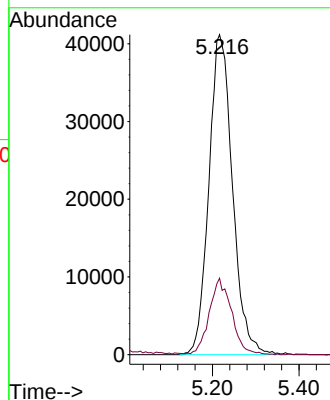
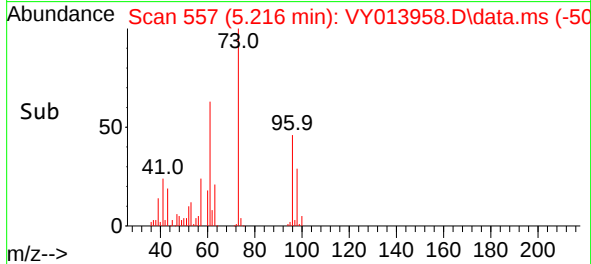
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 73 Resp: 155902
Ion Ratio Lower Upper
73 100
57 23.9 17.3 25.9

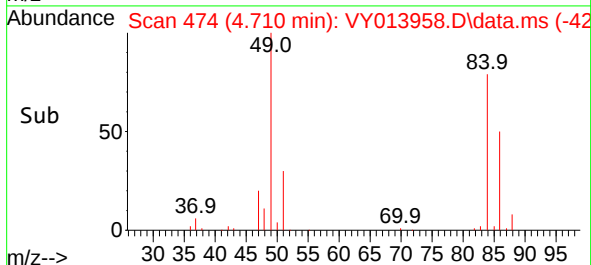
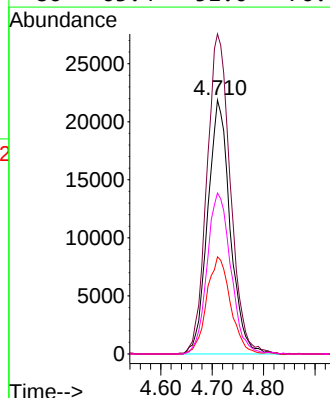
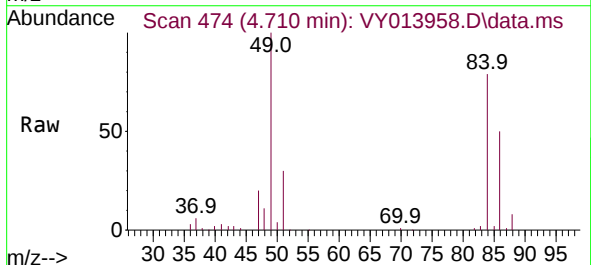
Manual Integrations
APPROVED

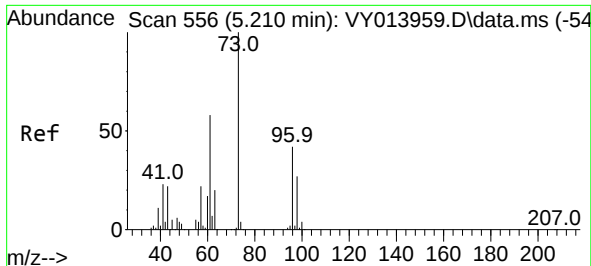
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#20
Methylene Chloride
Concen: 17.515 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

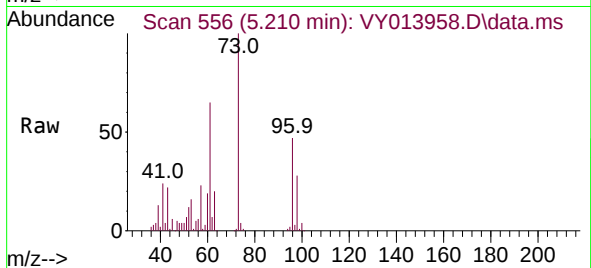
Tgt Ion: 84 Resp: 66478
Ion Ratio Lower Upper
84 100
49 126.1 106.9 160.3
51 38.3 33.2 49.8
86 63.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 19.860 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

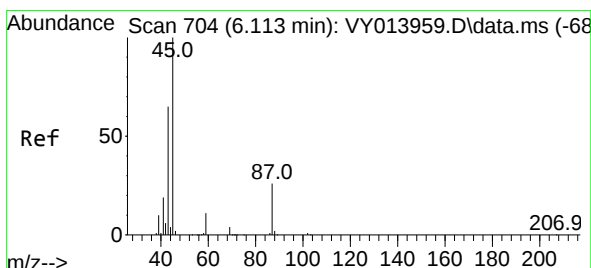
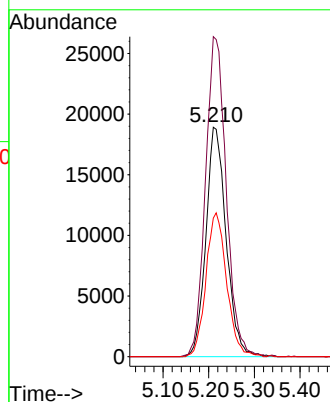
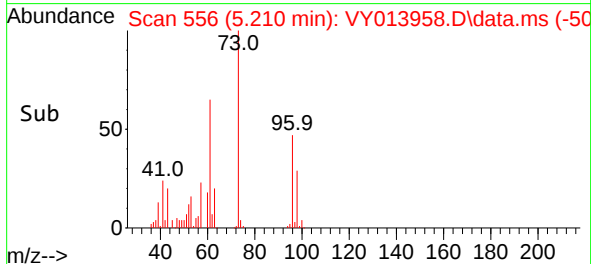
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 58352
Ion Ratio Lower Upper
96 100
61 139.5 110.2 165.4
98 60.4 51.8 77.6

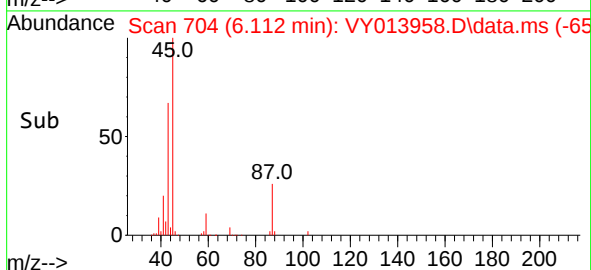
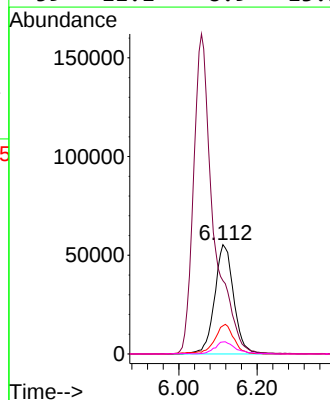
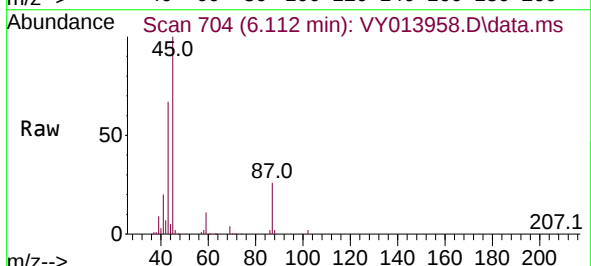
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#22
Diisopropyl ether
Concen: 19.155 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

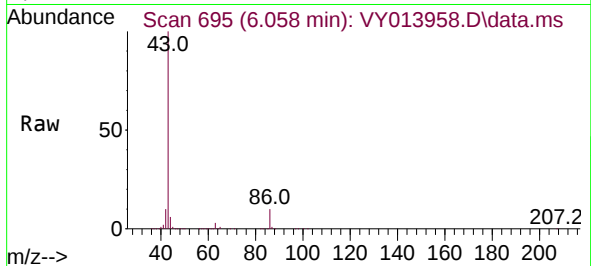
Tgt Ion: 45 Resp: 186915
Ion Ratio Lower Upper
45 100
43 66.4 52.2 78.4
87 25.8 21.0 31.6
59 11.1 8.9 13.3





#23
 Vinyl Acetate
 Concen: 93.614 ug/l
 RT: 6.058 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

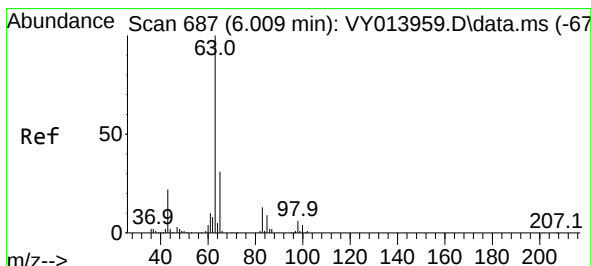
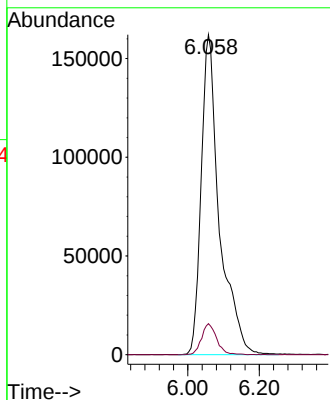
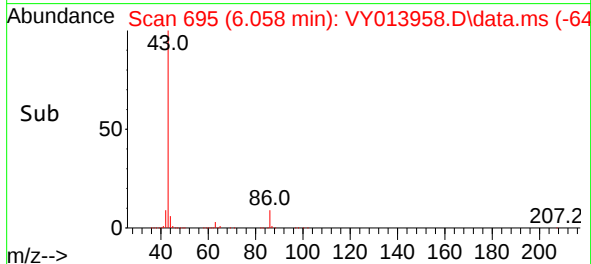
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



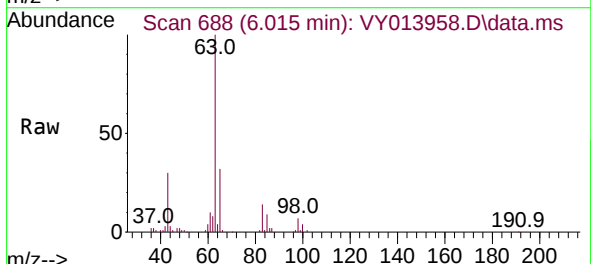
Tgt Ion: 43 Resp: 572948
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3

Manual Integrations
 APPROVED

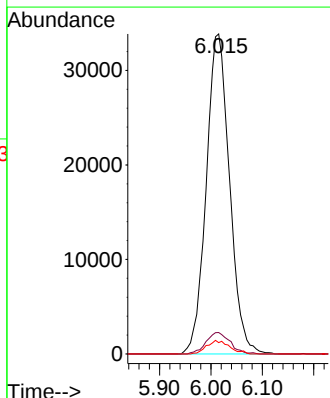
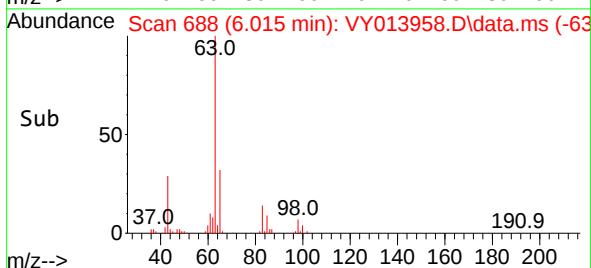
Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

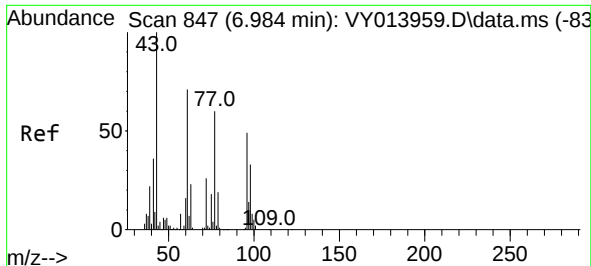


#24
 1,1-Dichloroethane
 Concen: 19.568 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50



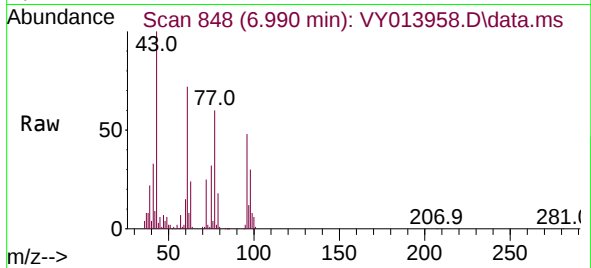
Tgt Ion: 63 Resp: 106578
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 3.5 1.8 5.5





#25
2-Butanone
Concen: 87.899 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

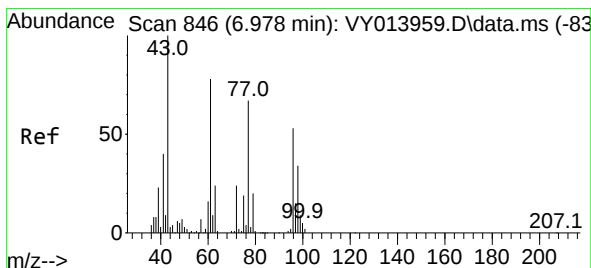
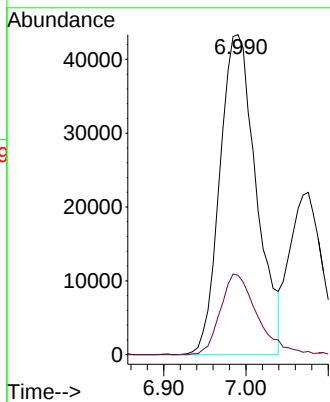
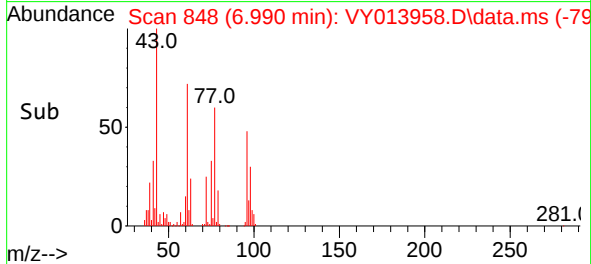
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 13383
Ion Ratio Lower Upper
43 100
72 24.8 20.5 30.7

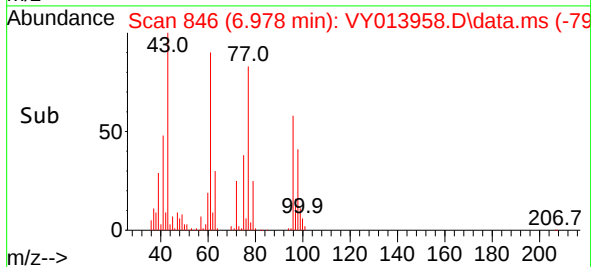
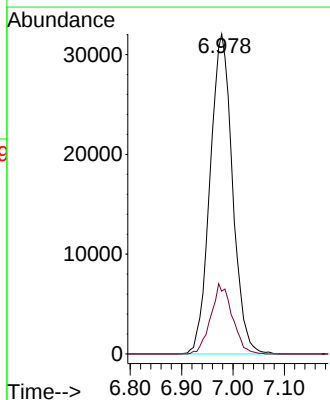
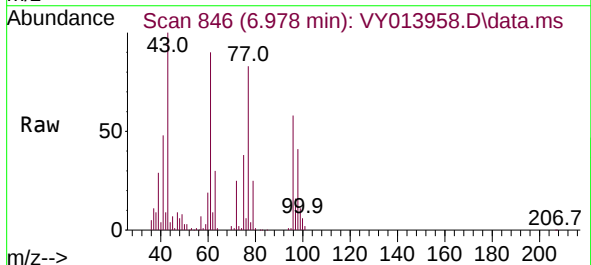
Manual Integrations
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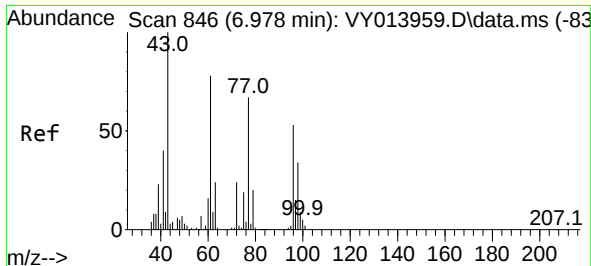
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#26
2,2-Dichloropropane
Concen: 19.661 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 77 Resp: 97182
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.760 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 63100

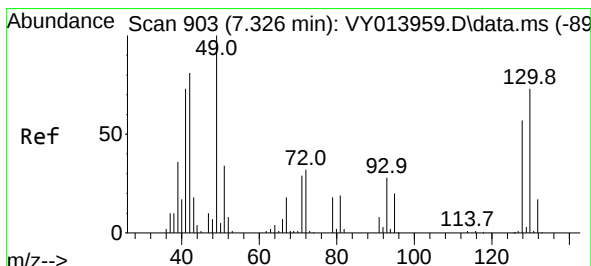
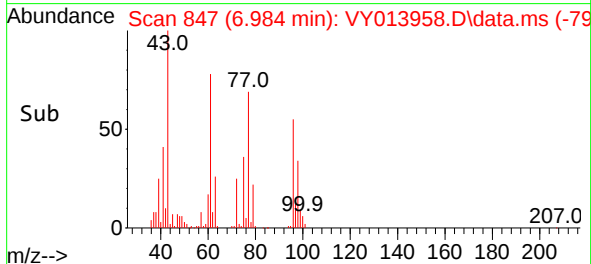
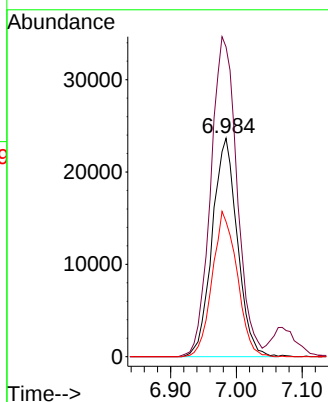
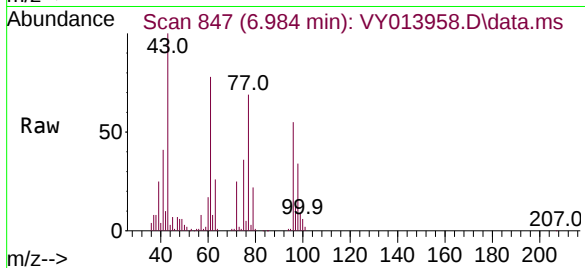
Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	301.4
98	65.6	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#28

Bromochloromethane

Concen: 20.327 ug/l

RT: 7.332 min Scan# 904

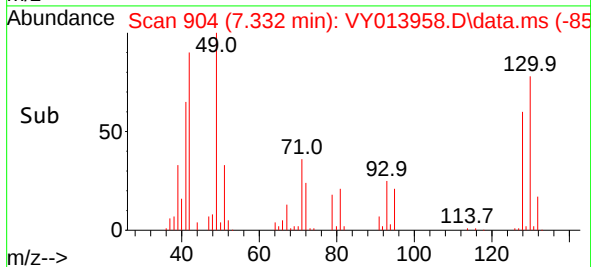
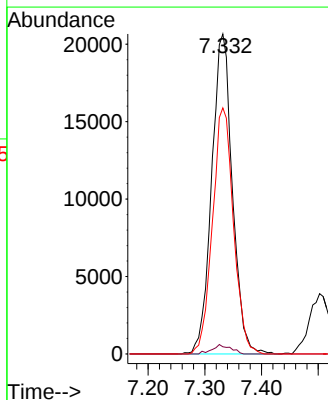
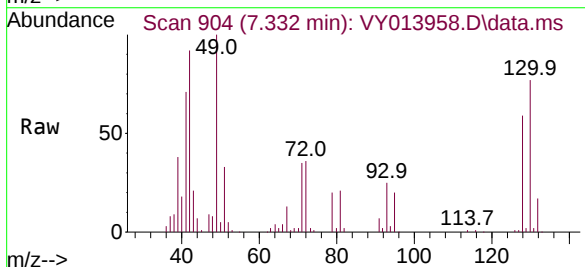
Delta R.T. 0.006 min

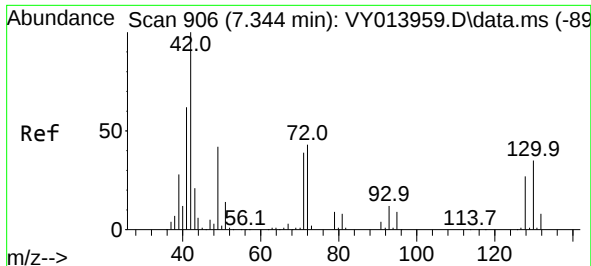
Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Tgt Ion: 49 Resp: 52286

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	78.0	60.7	91.1





#29

Tetrahydrofuran

Concen: 94.515 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 8948

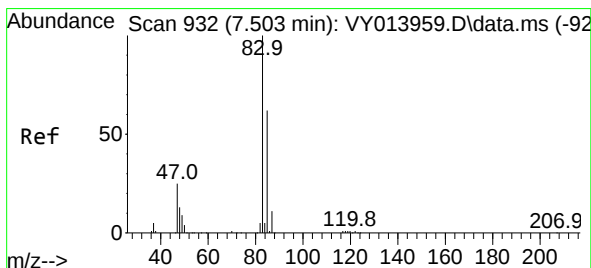
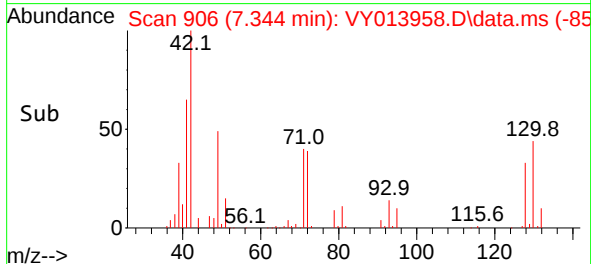
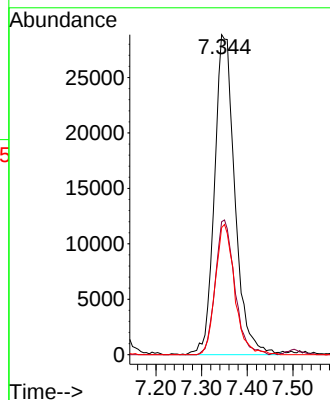
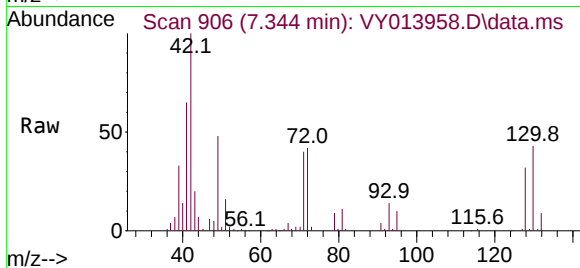
Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.8	49.2
71	38.6	31.0	46.4

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Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#30

Chloroform

Concen: 19.253 ug/l

RT: 7.502 min Scan# 932

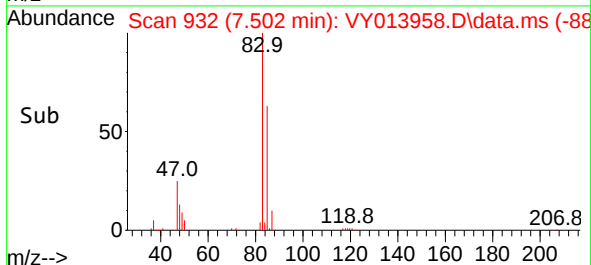
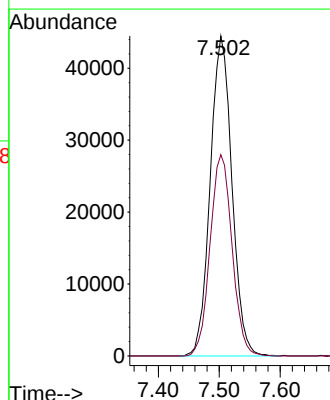
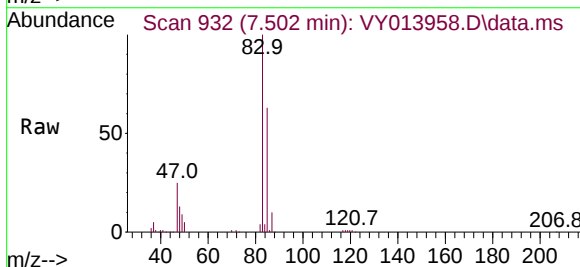
Delta R.T. -0.000 min

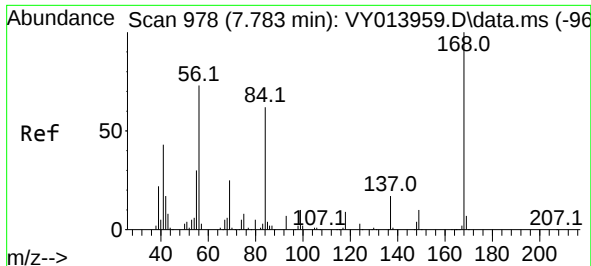
Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Tgt Ion: 83 Resp: 110102

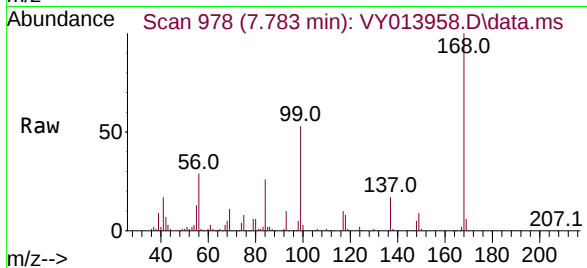
Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.7	74.5





#31
Cyclohexane
Concen: 20.692 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

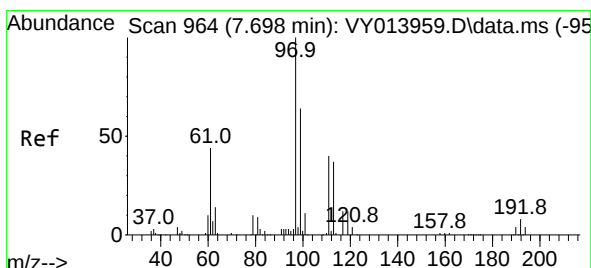
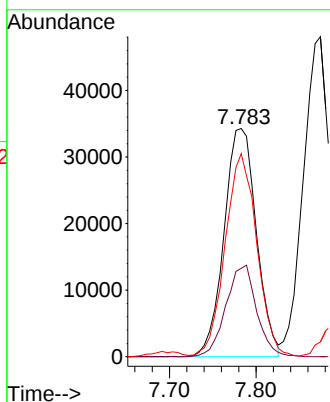
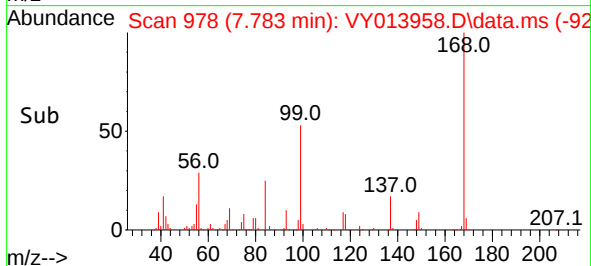
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



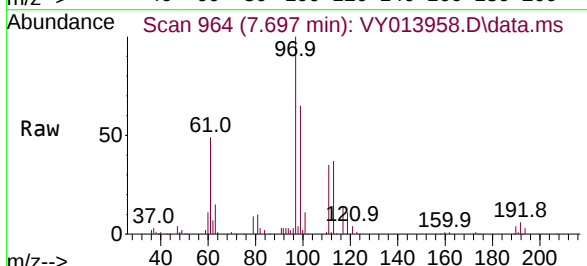
Tgt Ion: 56 Resp: 89000
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.6
84 87.1 66.4 99.6

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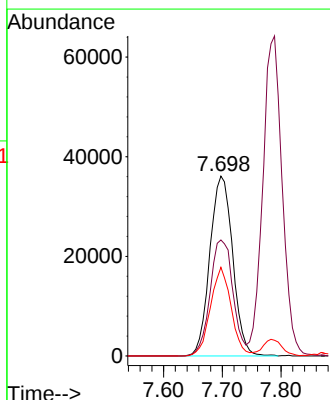
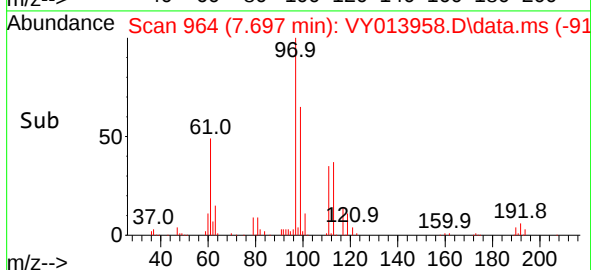
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

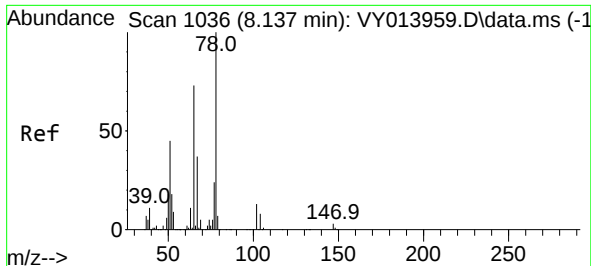


#32
1,1,1-Trichloroethane
Concen: 20.115 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



Tgt Ion: 97 Resp: 97572
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 44.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 19.056 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 6807

Ion Ratio Lower Upper

65 100

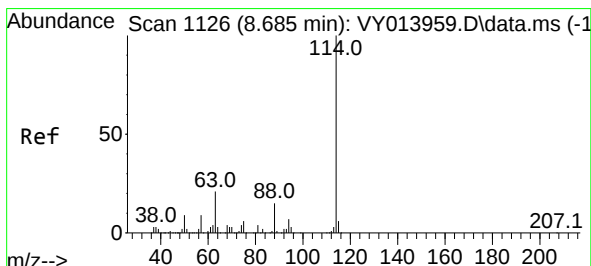
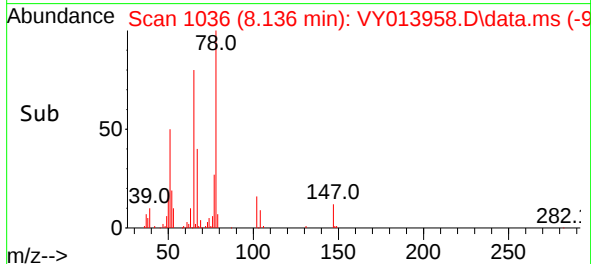
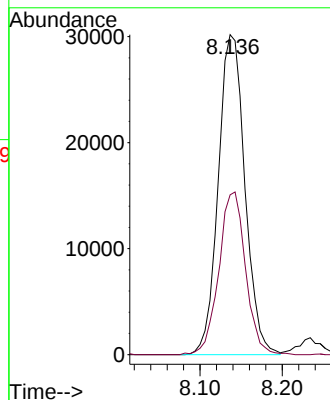
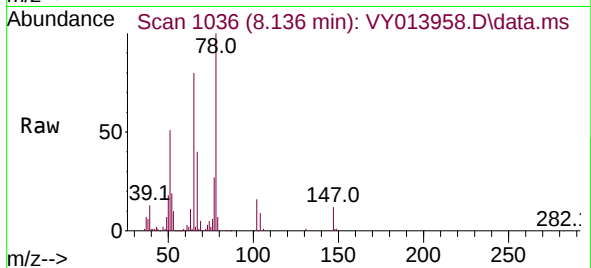
67 51.0 0.0 101.8

Manual Integrations

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Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

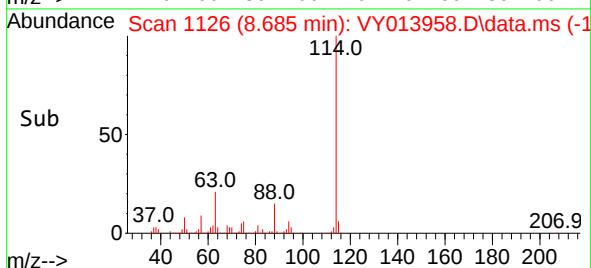
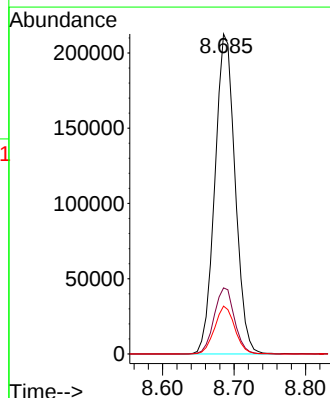
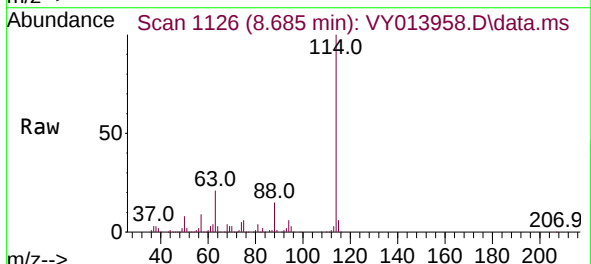
Tgt Ion:114 Resp: 417293

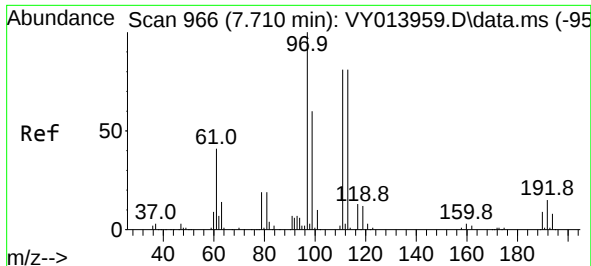
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

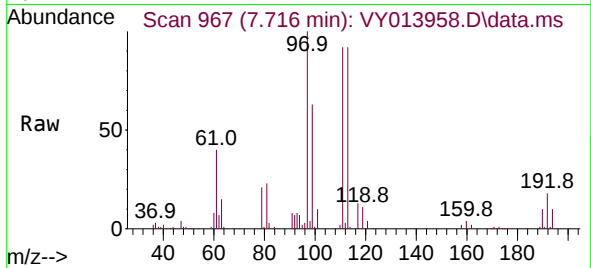
88 15.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 19.985 ug/l
RT: 7.716 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

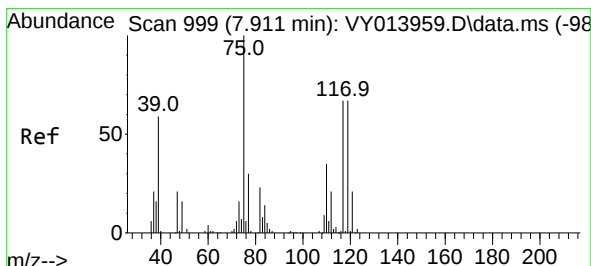
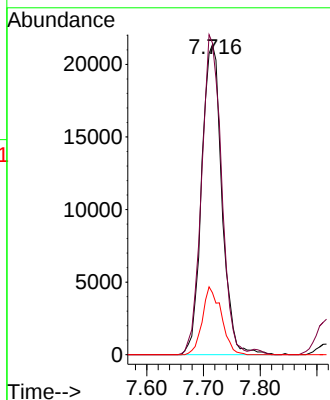
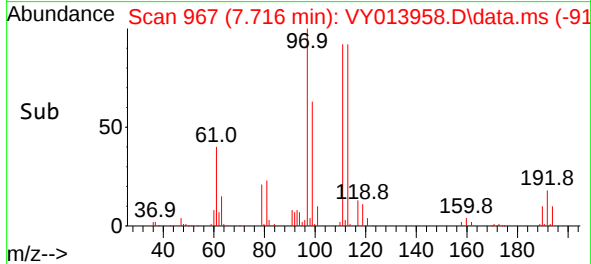
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 53000
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 20.5 16.9 25.3

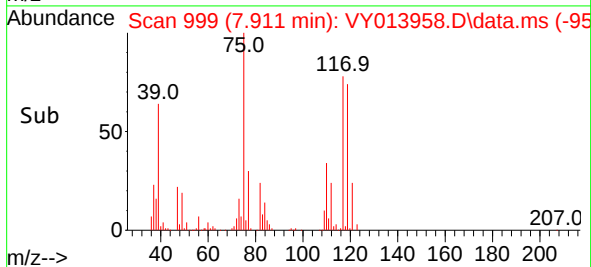
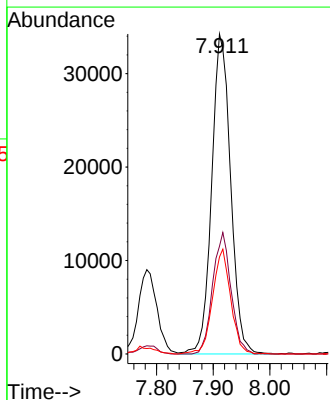
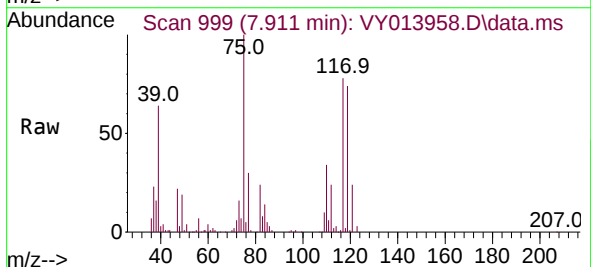
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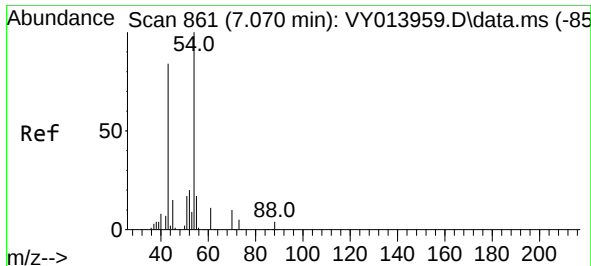
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#36
1,1-Dichloropropene
Concen: 21.047 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 75 Resp: 79518
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 19.498 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

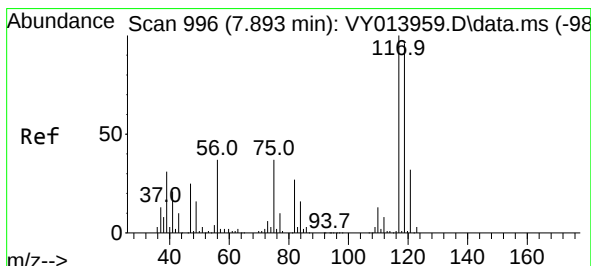
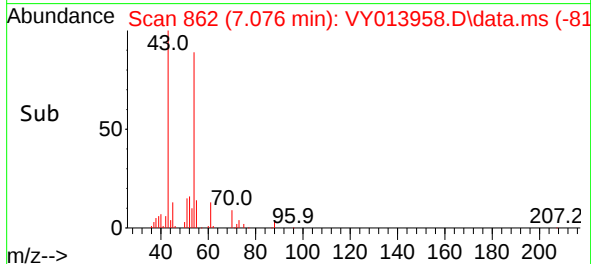
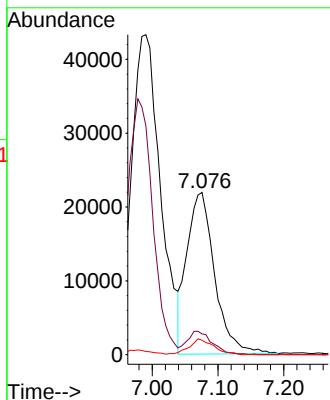
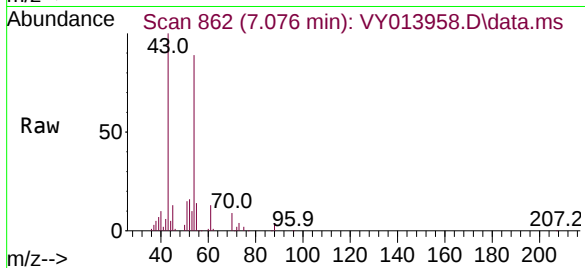
ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 64220
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.1 15.1
 70 8.6 7.1 10.7

Manual Integrations
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Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023



#38

Carbon Tetrachloride

Concen: 21.393 ug/l

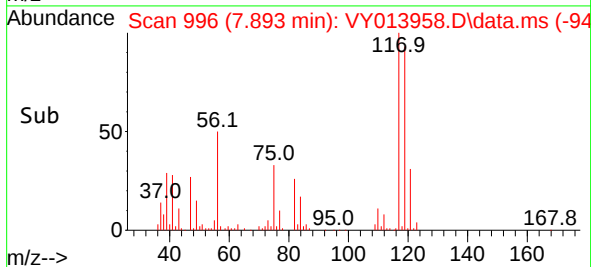
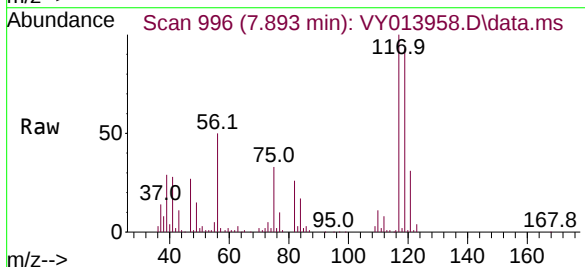
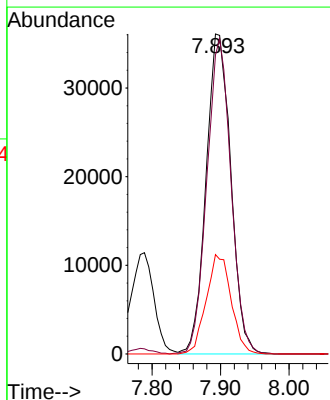
RT: 7.893 min Scan# 996

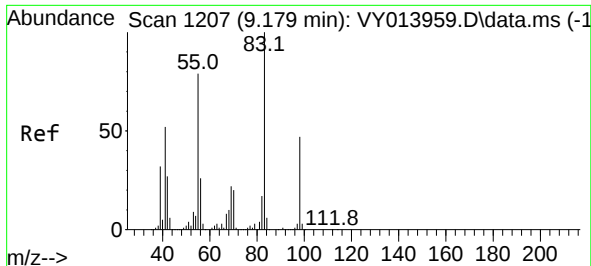
Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Tgt Ion:117 Resp: 90571
 Ion Ratio Lower Upper
 117 100
 119 93.4 76.4 114.6
 121 31.1 25.8 38.6





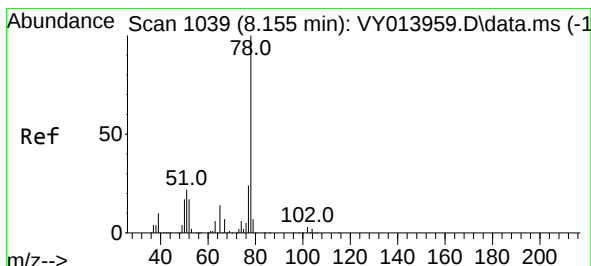
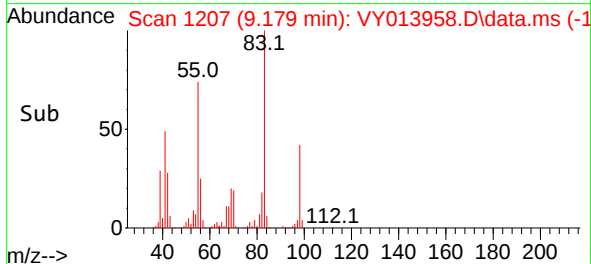
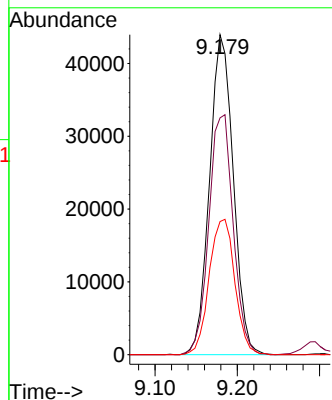
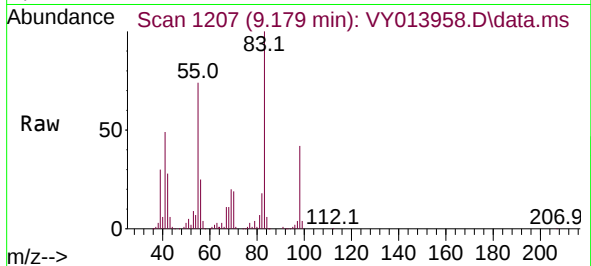
#39
Methylcyclohexane
Concen: 21.883 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 8826
Ion Ratio Lower Upper
83 100
55 74.0 63.0 94.4
98 41.6 37.4 56.2

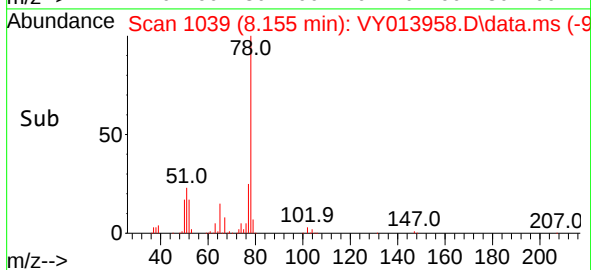
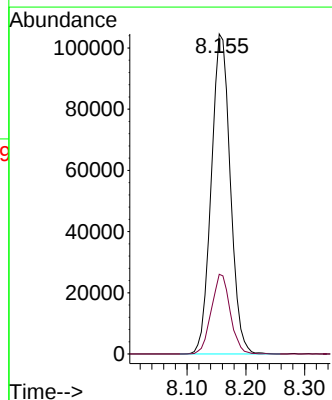
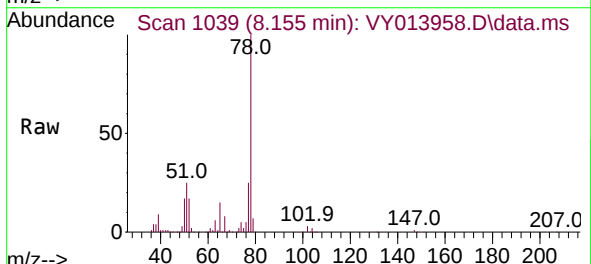
Manual Integrations
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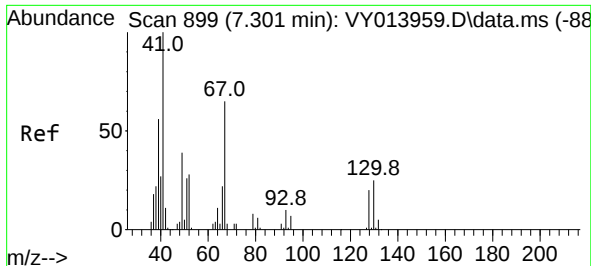
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#40
Benzene
Concen: 20.121 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 78 Resp: 234515
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6





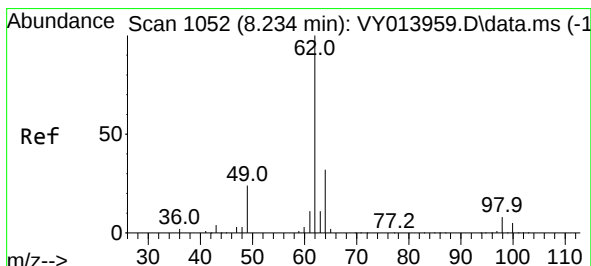
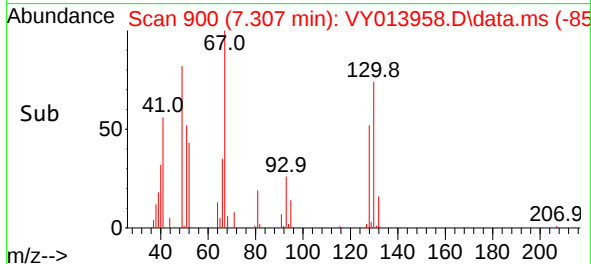
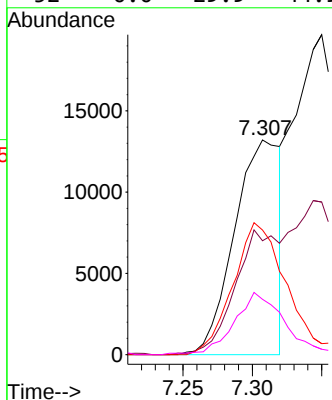
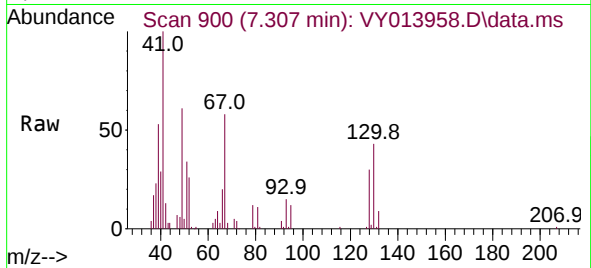
#41
Methacrylonitrile
Concen: 19.939 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 3035
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

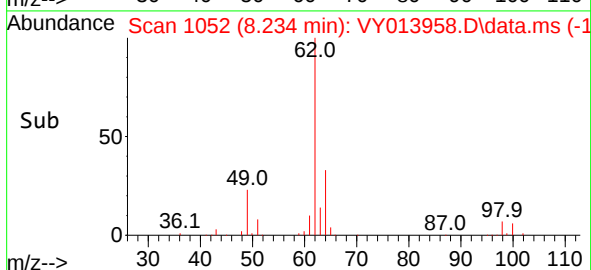
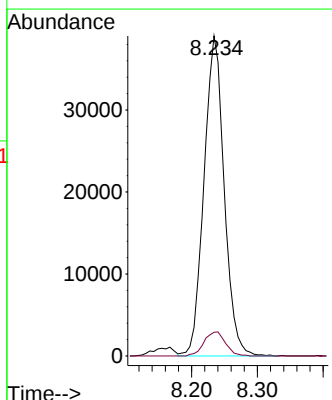
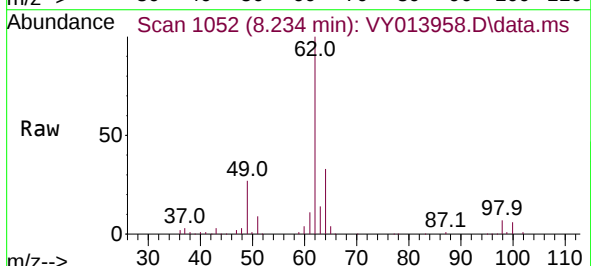
Manual Integrations
APPROVED

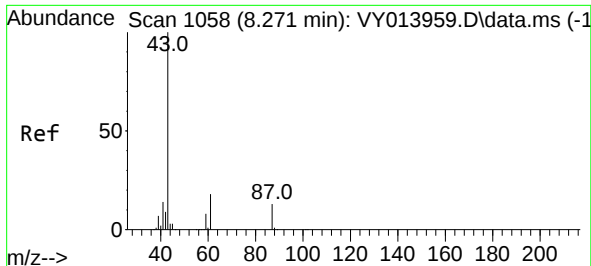
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#42
1,2-Dichloroethane
Concen: 19.528 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

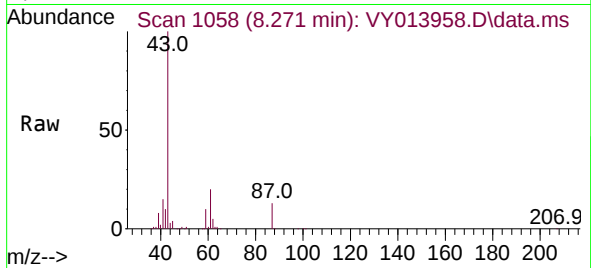
Tgt Ion: 62 Resp: 83458
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8





#43
Isopropyl Acetate
Concen: 19.160 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

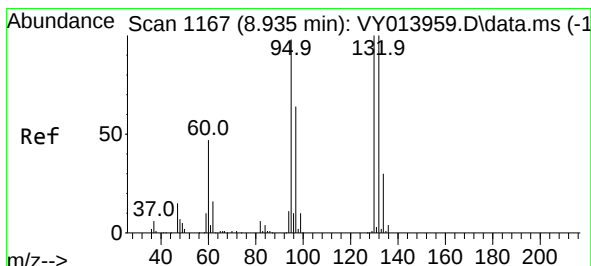
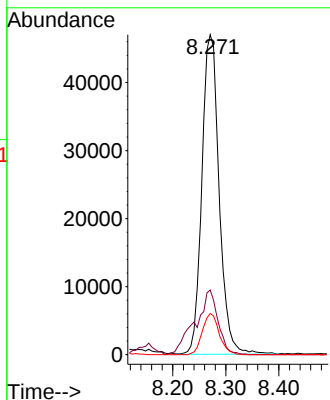
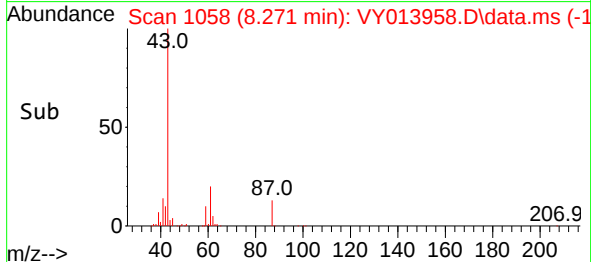
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



Tgt Ion: 43 Resp: 106272
Ion Ratio Lower Upper
43 100
61 26.7 21.1 31.7
87 12.5 9.8 14.8

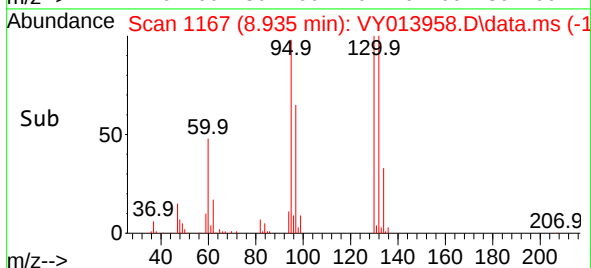
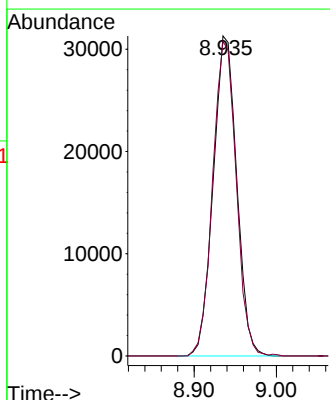
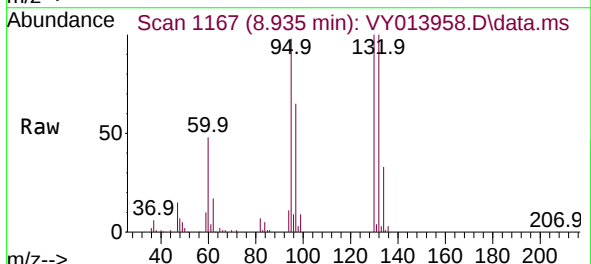
Manual Integrations
APPROVED

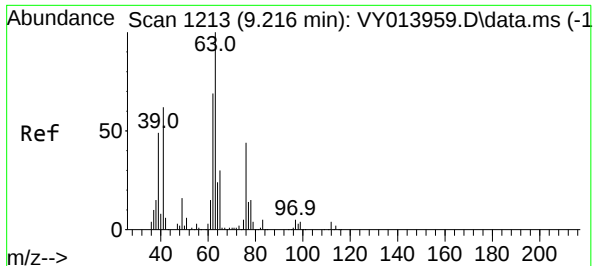
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#44
Trichloroethene
Concen: 20.378 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:130 Resp: 62197
Ion Ratio Lower Upper
130 100
95 98.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.034 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 60250

Ion Ratio Lower Upper

63 100

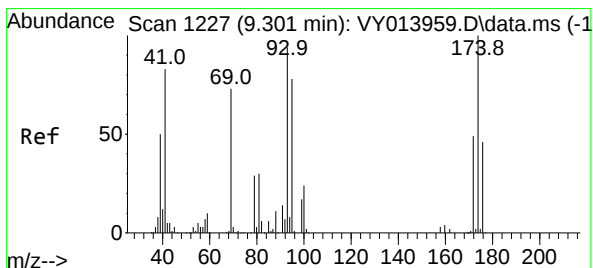
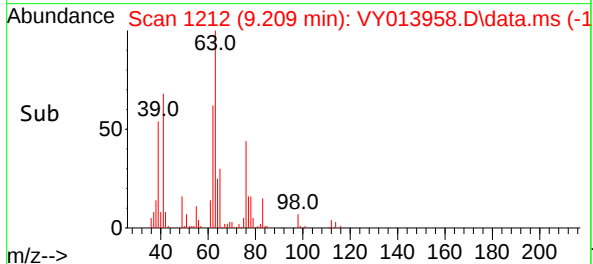
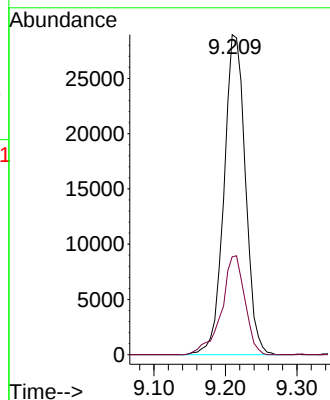
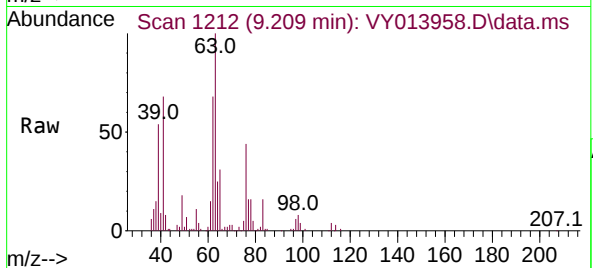
65 30.6 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#46

Dibromomethane

Concen: 19.639 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

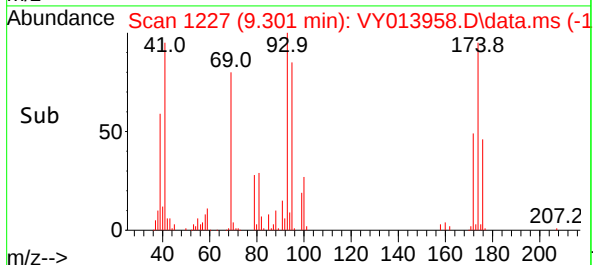
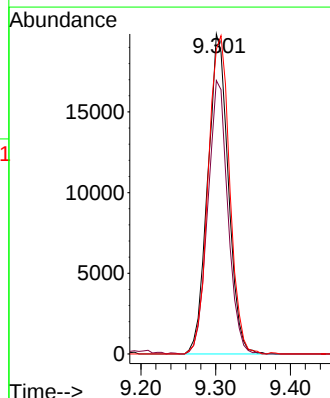
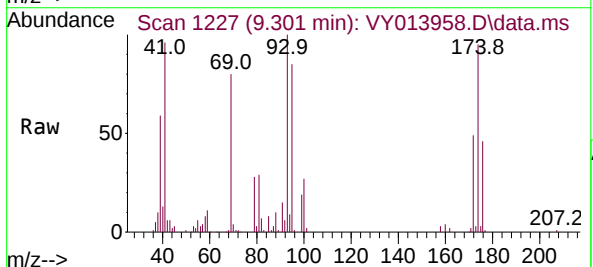
Tgt Ion: 93 Resp: 37816

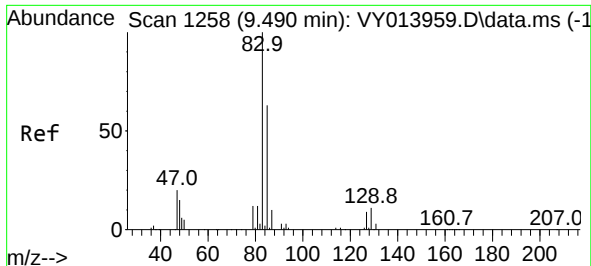
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

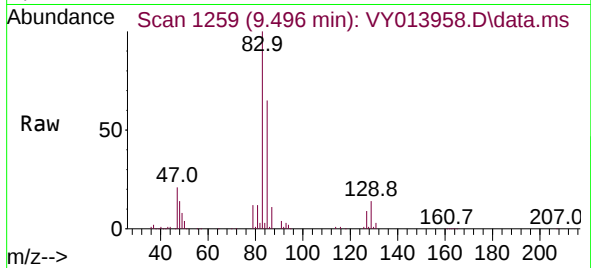
174 103.6 84.8 127.2





#47
Bromodichloromethane
Concen: 19.404 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

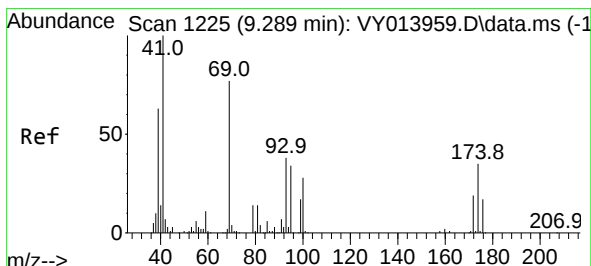
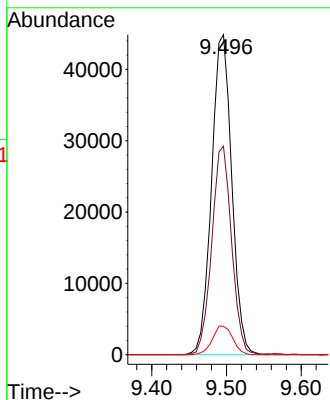
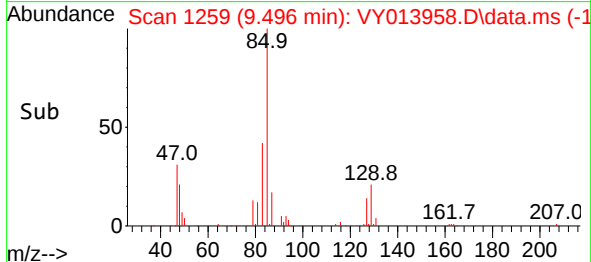
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



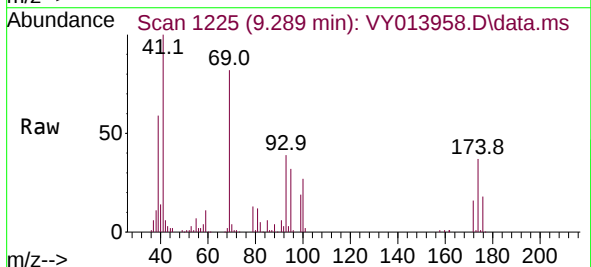
Tgt Ion: 83 Resp: 84170
Ion Ratio Lower Upper
83 100
85 65.1 50.1 75.1
127 8.9 7.1 10.7

Manual Integrations
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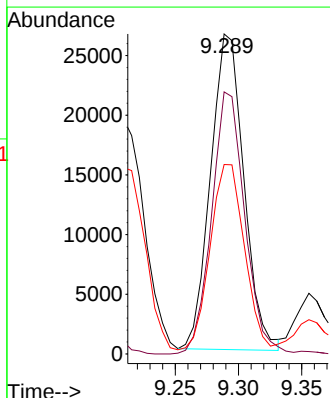
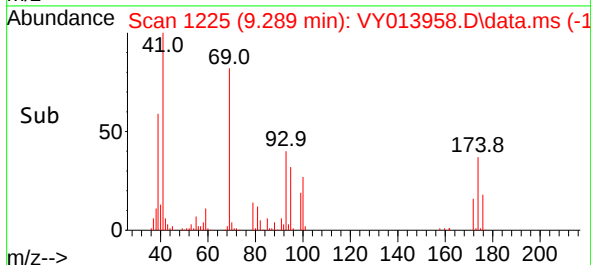
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

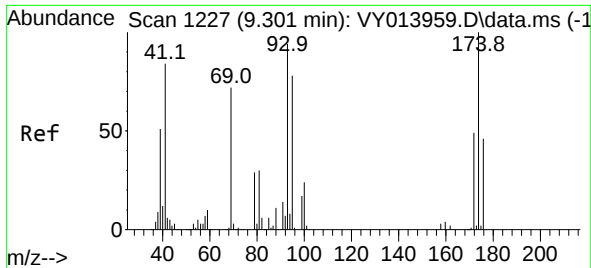


#48
Methyl methacrylate
Concen: 19.198 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



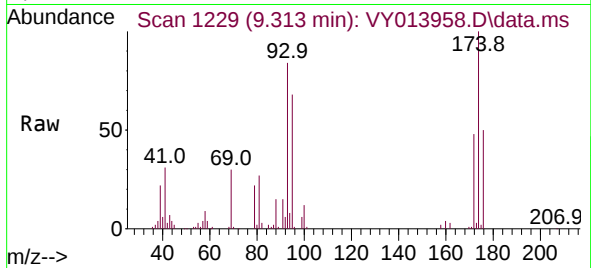
Tgt Ion: 41 Resp: 48466
Ion Ratio Lower Upper
41 100
69 82.4 64.5 96.7
39 63.0 50.8 76.2





#49
1,4-Dioxane
Concen: 381.148 ug/l m
RT: 9.313 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

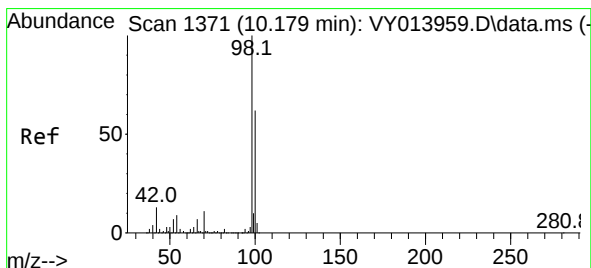
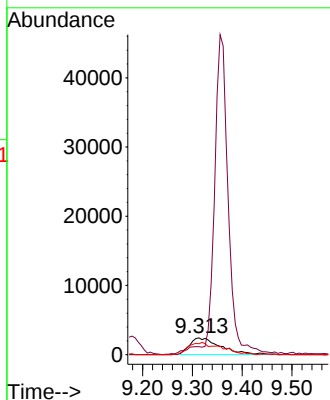
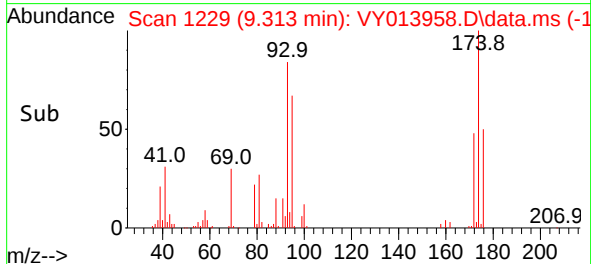
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



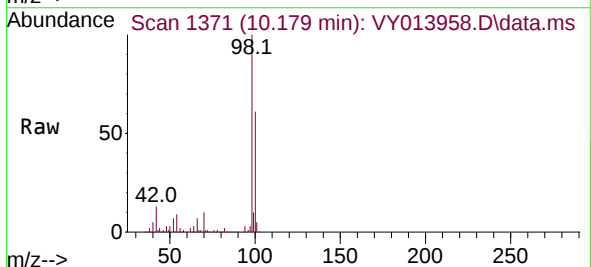
Tgt Ion: 88 Resp: 10673
Ion Ratio Lower Upper
88 100
43 28.0 0.0 0.0
58 47.1 30.9 46.3

Manual Integrations
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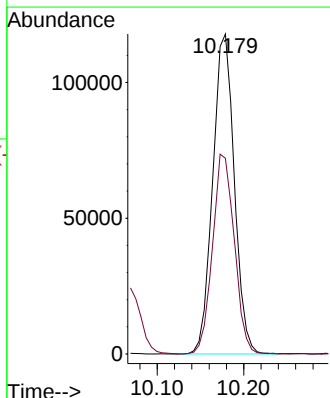
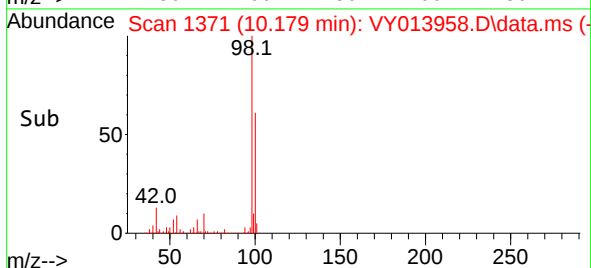
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

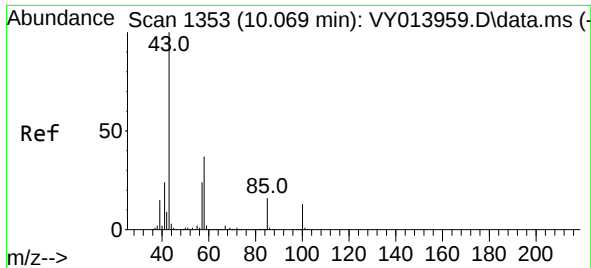


#50
Toluene-d8
Concen: 20.146 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



Tgt Ion: 98 Resp: 203791
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1





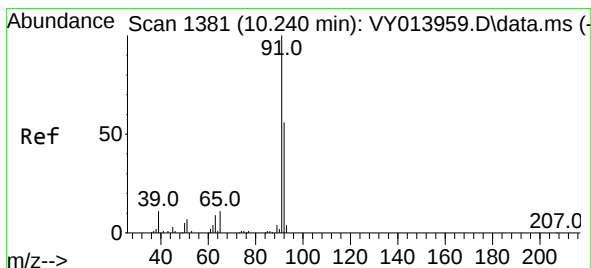
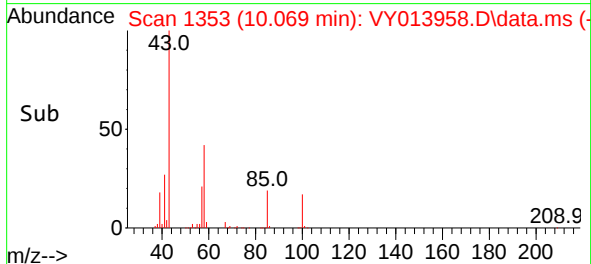
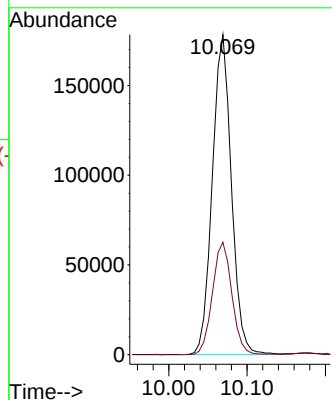
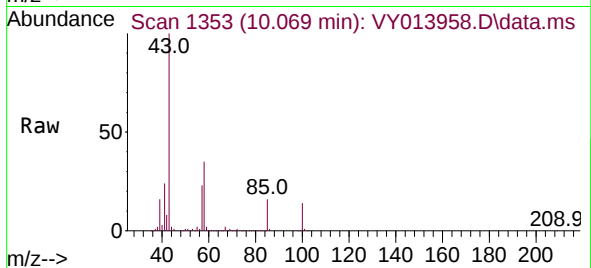
#51
4-Methyl-2-Pentanone
Concen: 96.283 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 301638
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.6

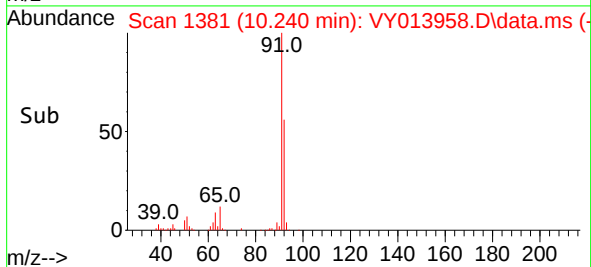
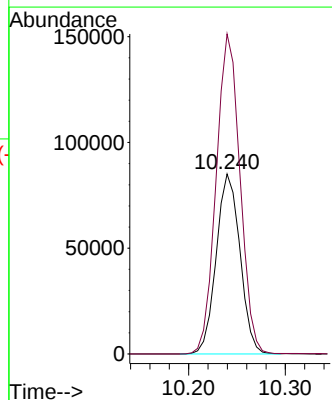
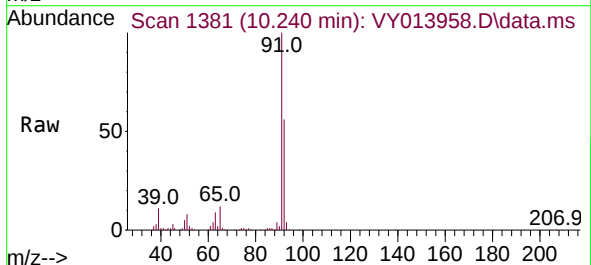
Manual Integrations
APPROVED

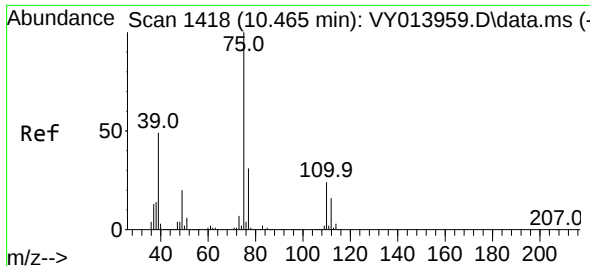
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#52
Toluene
Concen: 20.311 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 92 Resp: 145021
Ion Ratio Lower Upper
92 100
91 179.0 143.8 215.6





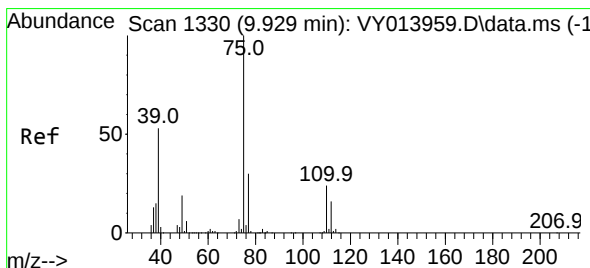
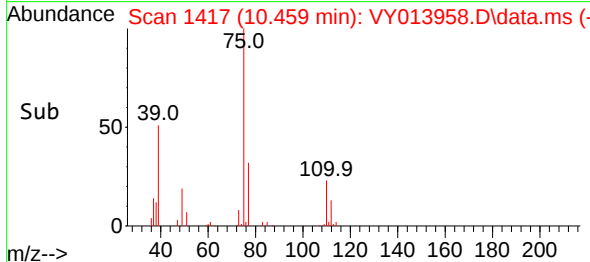
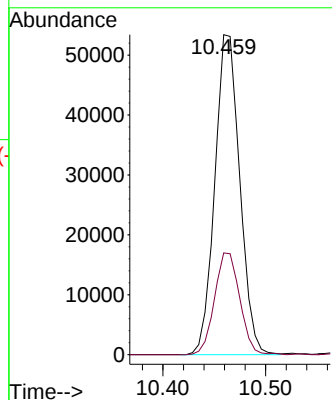
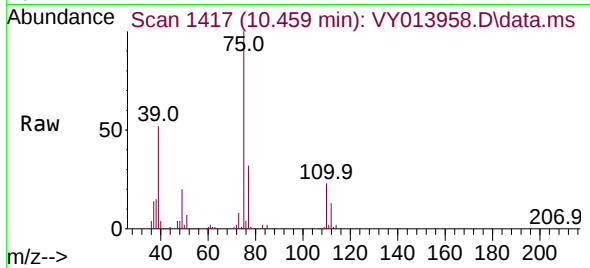
#53
t-1,3-Dichloropropene
Concen: 19.319 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 90010
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

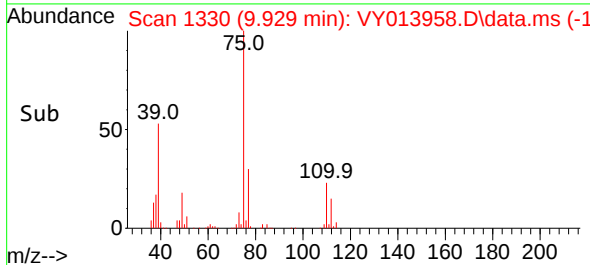
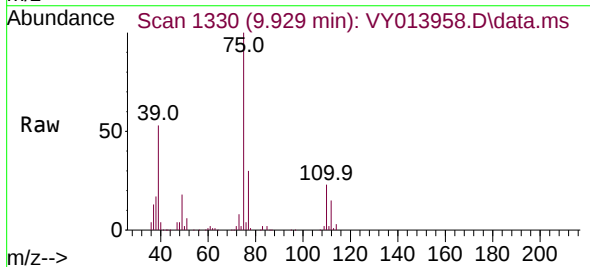
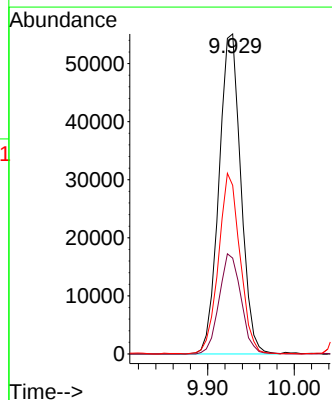
Manual Integrations
APPROVED

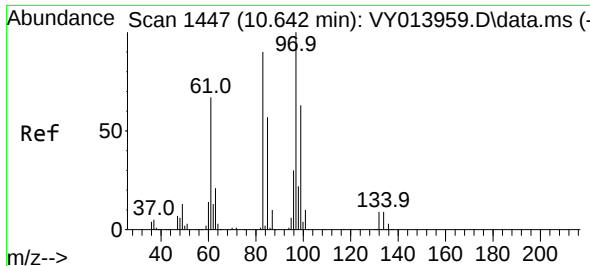
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#54
cis-1,3-Dichloropropene
Concen: 19.445 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

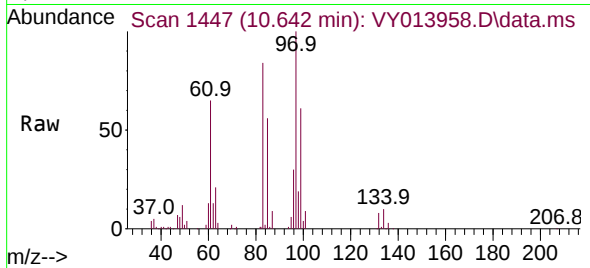
Tgt Ion: 75 Resp: 96735
Ion Ratio Lower Upper
75 100
77 30.0 24.2 36.4
39 52.7 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.745 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

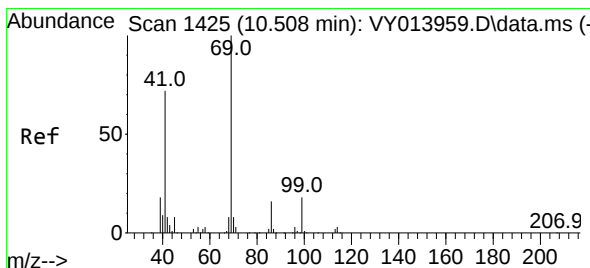
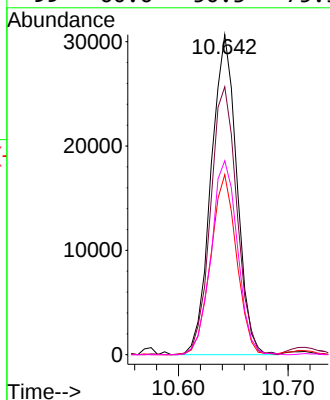
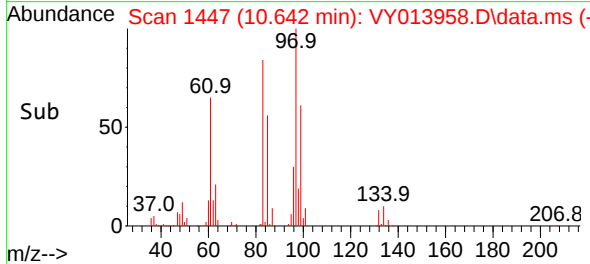
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



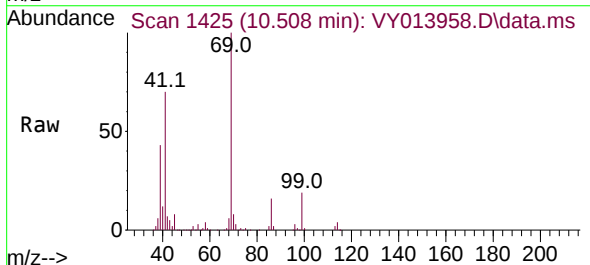
Tgt Ion: 97	Resp: 5012
Ion Ratio	Lower Upper
97 100	
83 83.7	72.0 108.0
85 56.1	45.4 68.0
99 60.6	50.3 75.5

Manual Integrations
APPROVED

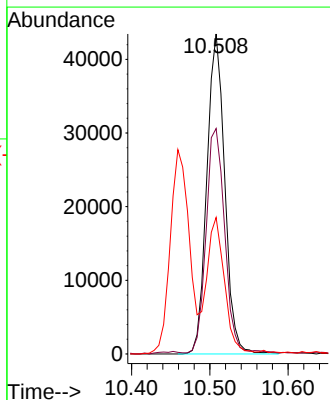
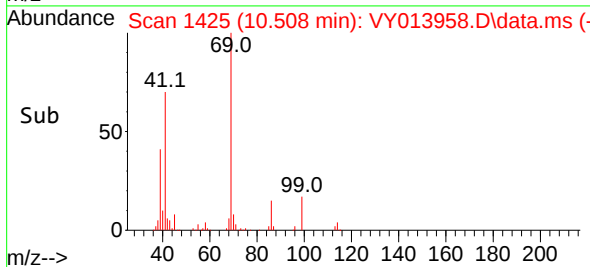
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

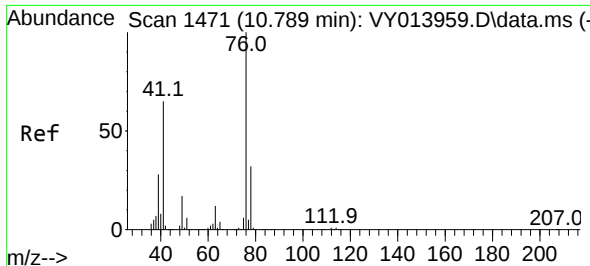


#56
Ethyl methacrylate
Concen: 18.890 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



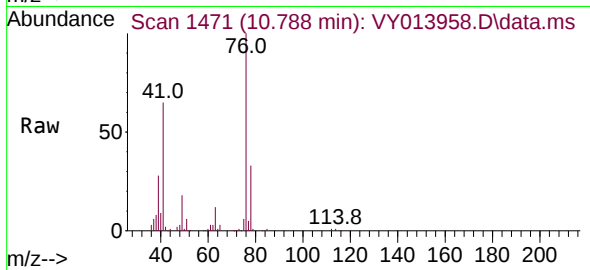
Tgt Ion: 69	Resp: 68850
Ion Ratio	Lower Upper
69 100	
41 72.9	57.6 86.4
39 41.7	34.1 51.1





#57
1,3-Dichloropropane
Concen: 19.763 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

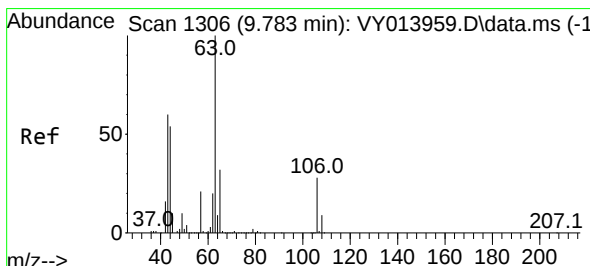
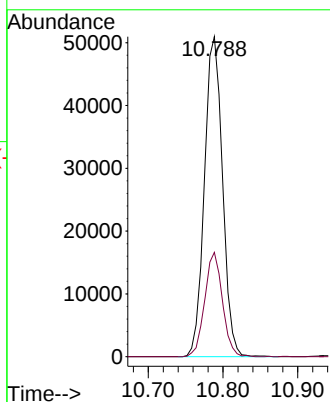
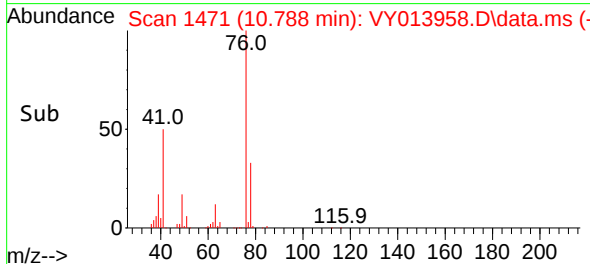
Instrument : MSVOA_Y
ClientSampleId : VSTDIC020



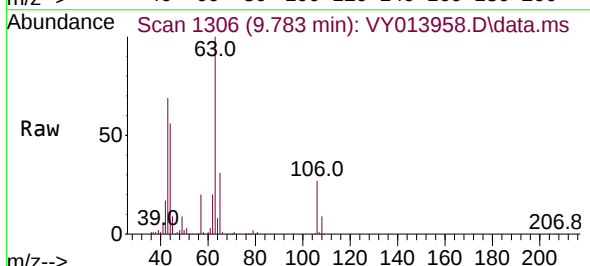
Tgt Ion: 76 Resp: 85725
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9

Manual Integrations
APPROVED

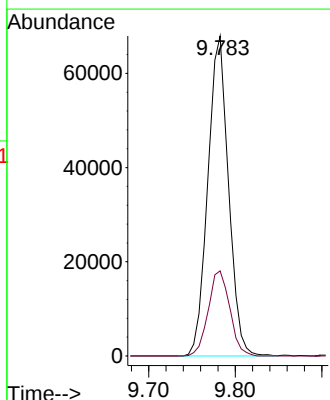
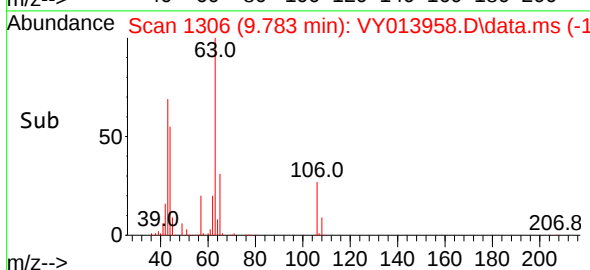
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

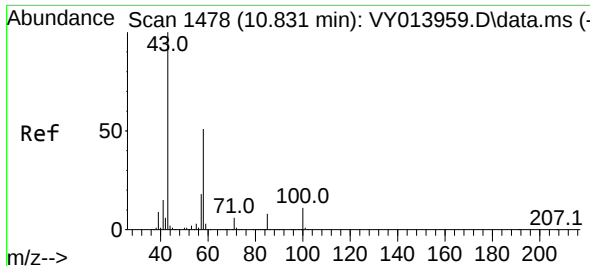


#58
2-Chloroethyl Vinyl ether
Concen: 80.124 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



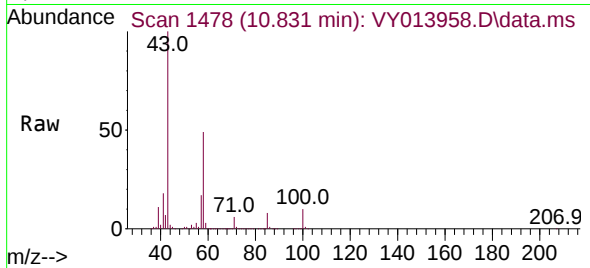
Tgt Ion: 63 Resp: 112665
Ion Ratio Lower Upper
63 100
106 27.7 21.2 31.8





#59
2-Hexanone
Concen: 96.536 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

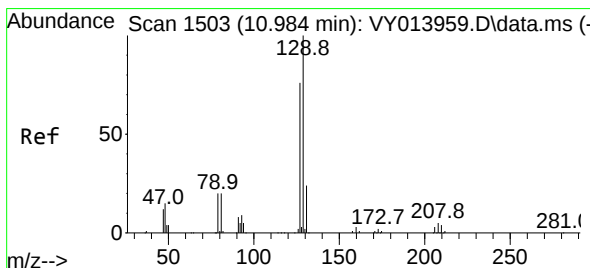
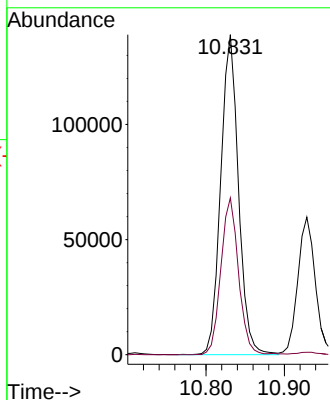
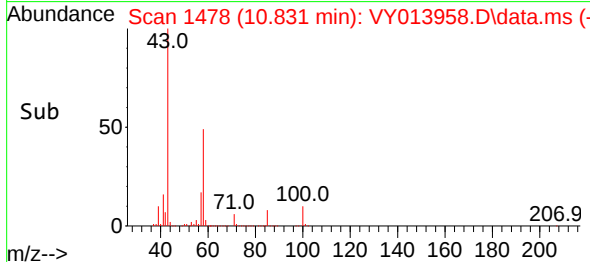
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



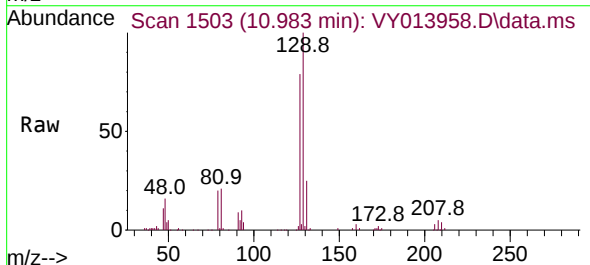
Tgt Ion: 43 Resp: 218992
Ion Ratio Lower Upper
43 100
58 48.6 25.1 75.3

Manual Integrations
APPROVED

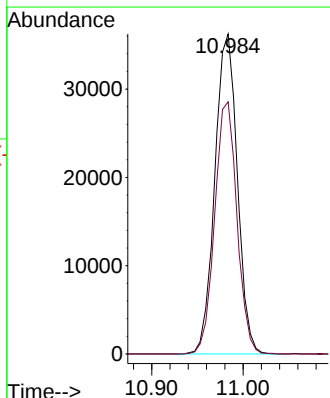
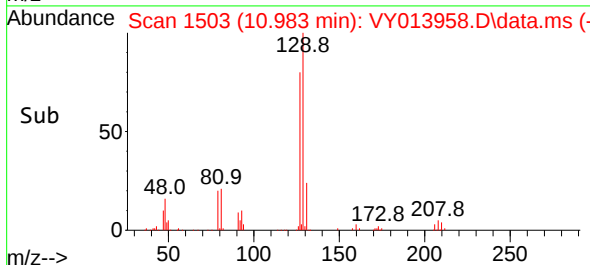
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

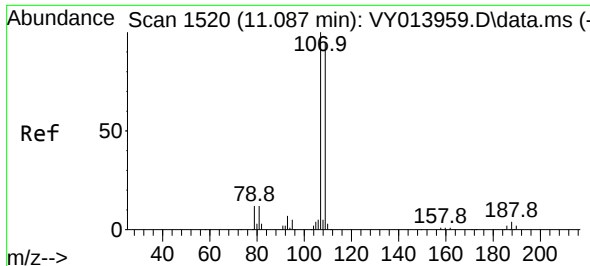


#60
Dibromochloromethane
Concen: 19.327 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



Tgt Ion:129 Resp: 62010
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





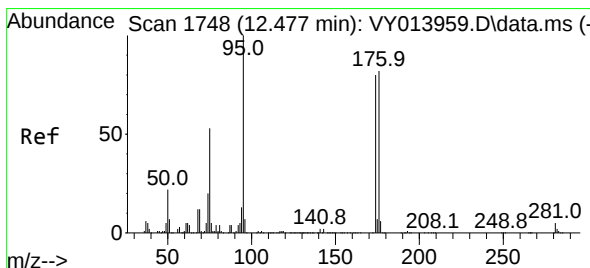
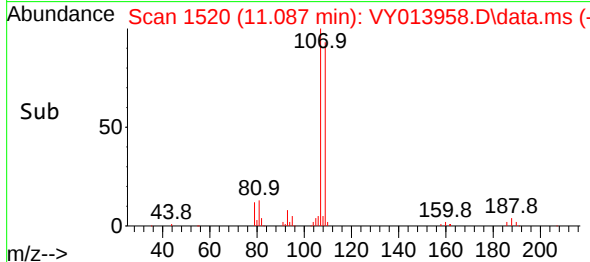
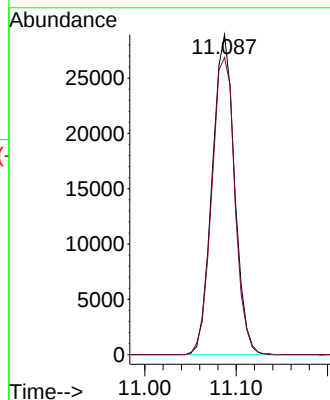
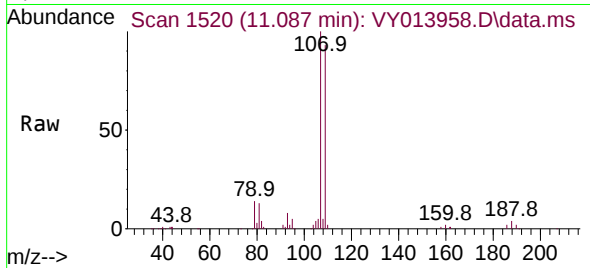
#61
1,2-Dibromoethane
Concen: 19.265 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 4913
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4

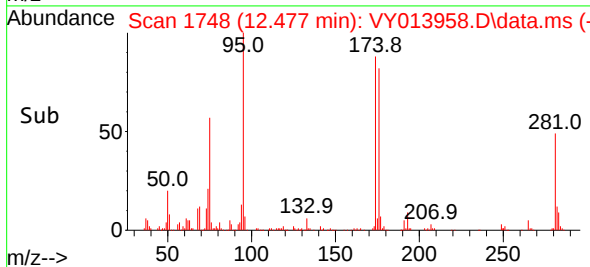
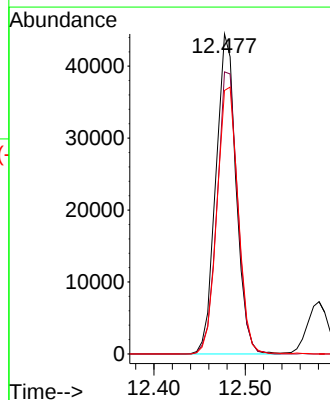
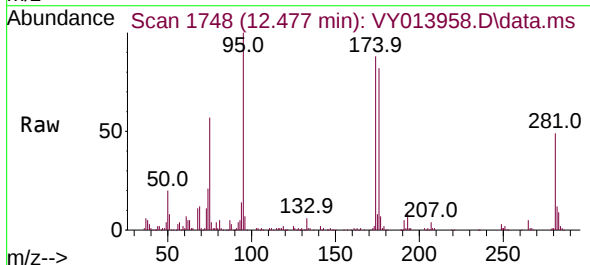
Manual Integrations
APPROVED

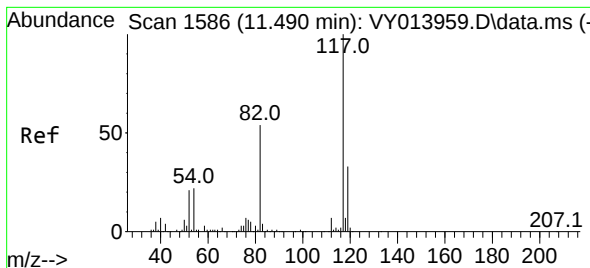
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#62
4-Bromofluorobenzene
Concen: 19.848 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

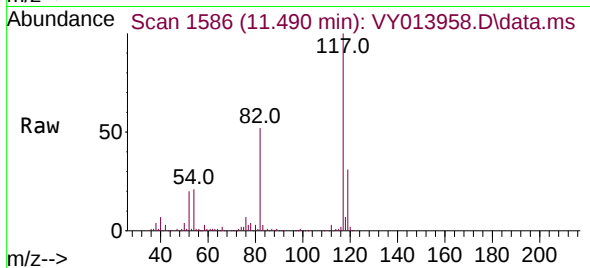
Tgt Ion: 95 Resp: 68449
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.2
176 87.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

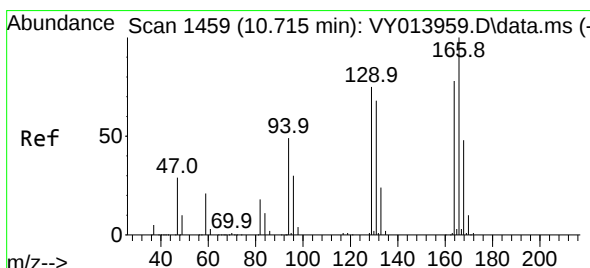
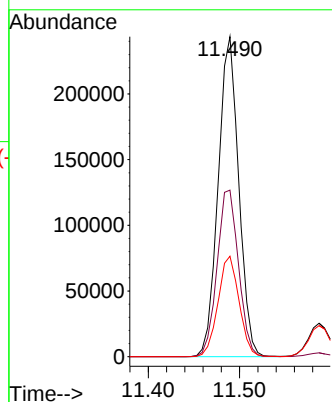
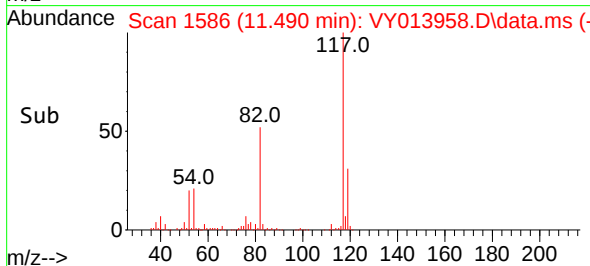
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



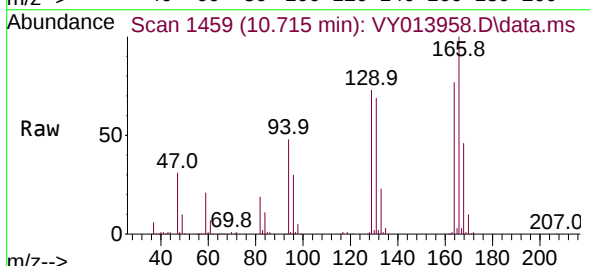
Tgt Ion:117 Resp: 38112
Ion Ratio Lower Upper
117 100
82 52.0 43.4 65.0
119 31.4 26.3 39.5

Manual Integrations
APPROVED

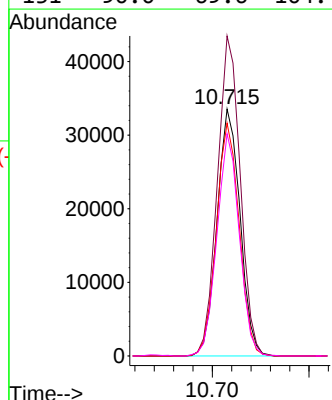
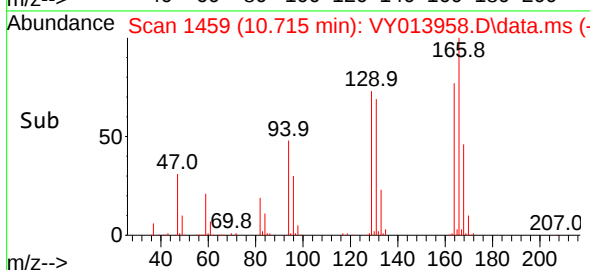
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

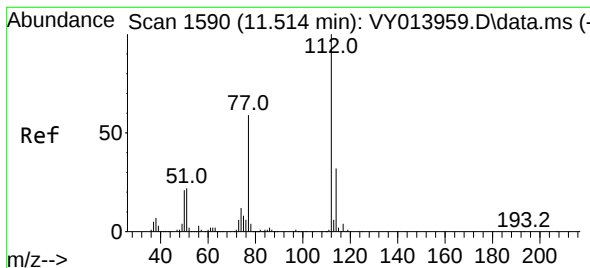


#64
Tetrachloroethene
Concen: 21.224 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



Tgt Ion:164 Resp: 55417
Ion Ratio Lower Upper
164 100
166 129.6 103.0 154.6
129 94.3 77.2 115.8
131 90.0 69.6 104.4





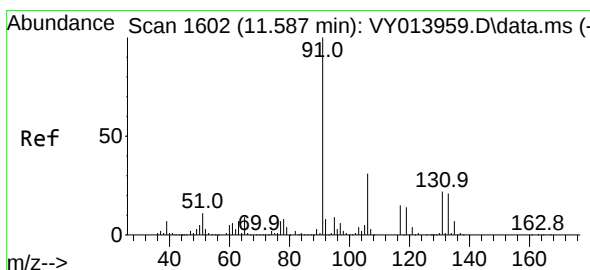
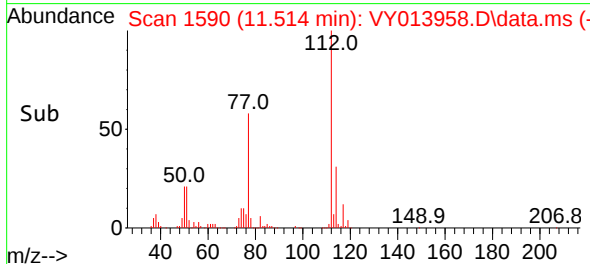
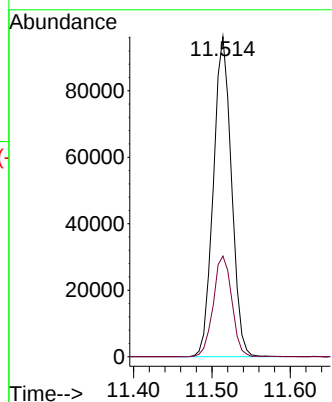
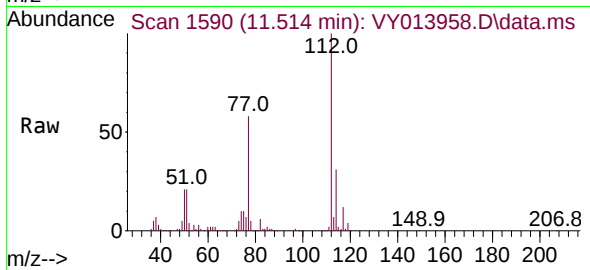
#65
Chlorobenzene
Concen: 19.757 ug/l
RT: 11.514 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 15448
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3

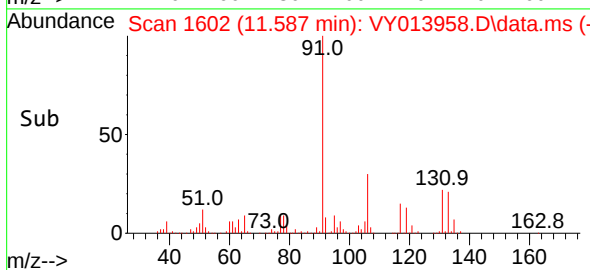
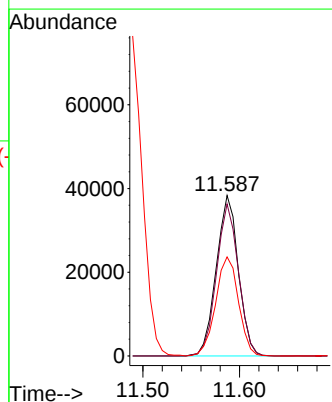
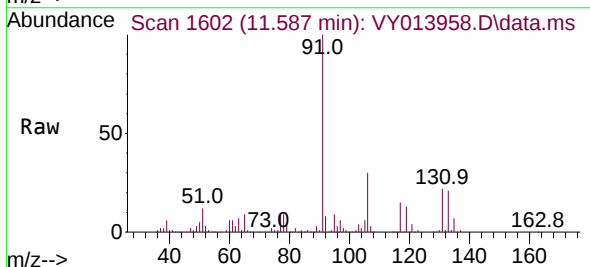
Manual Integrations
APPROVED

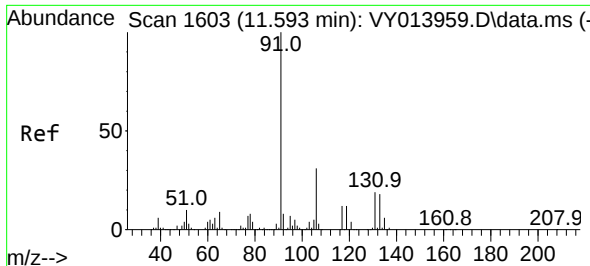
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.926 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:131 Resp: 60653
Ion Ratio Lower Upper
131 100
133 94.3 47.5 142.6
119 63.9 31.6 94.7





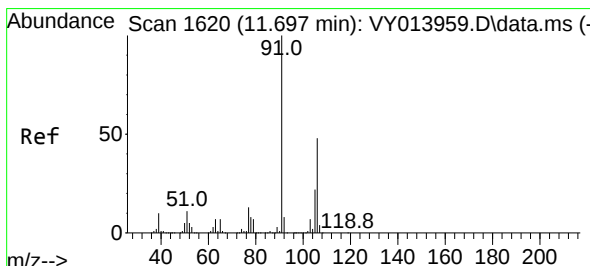
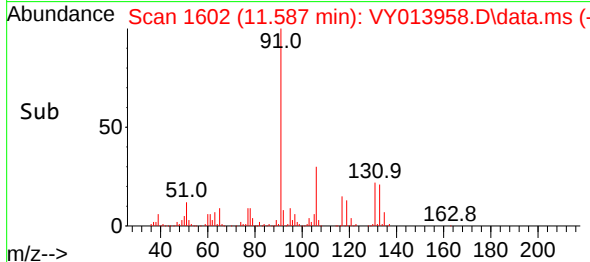
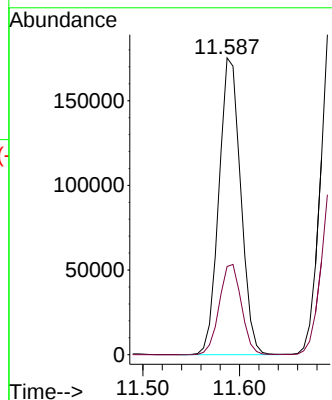
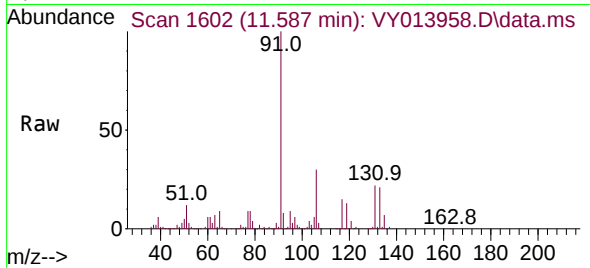
#67
Ethyl Benzene
Concen: 20.248 ug/l
RT: 11.587 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 27403
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8

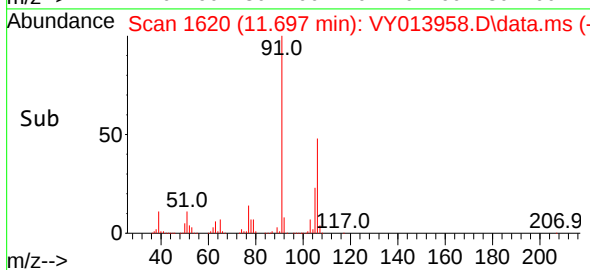
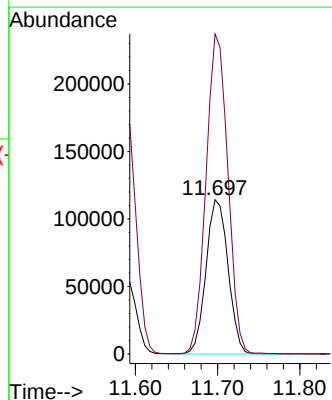
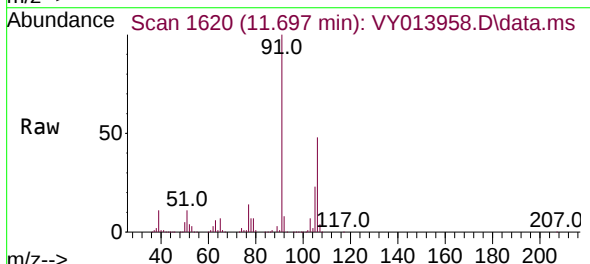
Manual Integrations
APPROVED

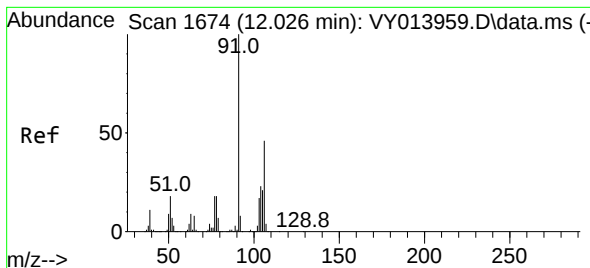
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#68
m/p-Xylenes
Concen: 41.182 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:106 Resp: 212903
Ion Ratio Lower Upper
106 100
91 205.2 166.1 249.1





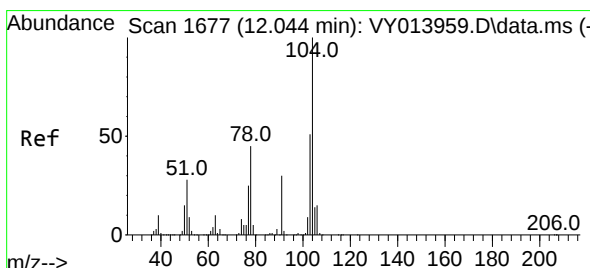
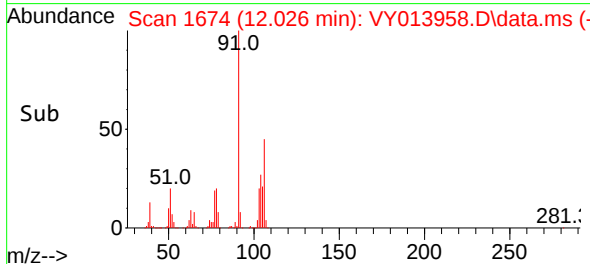
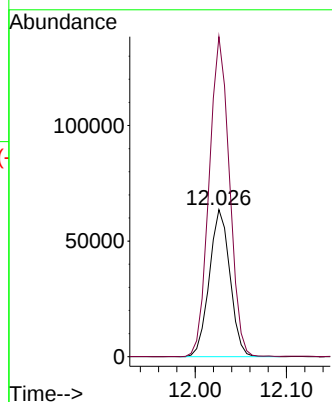
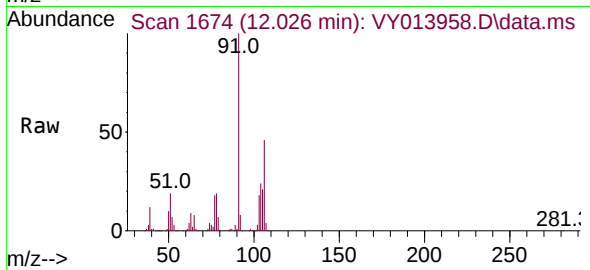
#69
o-Xylene
Concen: 20.115 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 99640
Ion Ratio Lower Upper
106 100
91 214.9 108.1 324.3

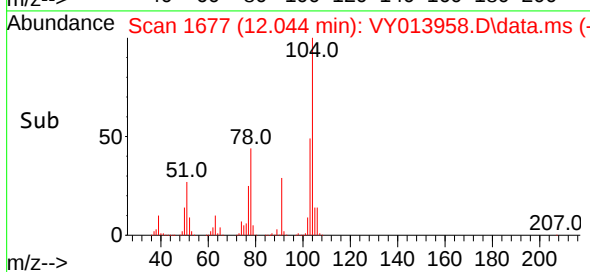
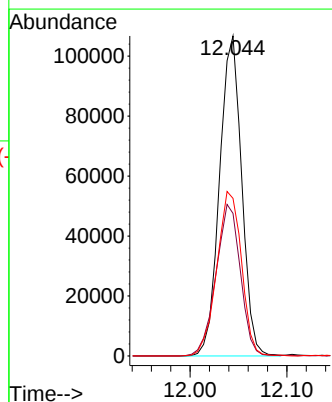
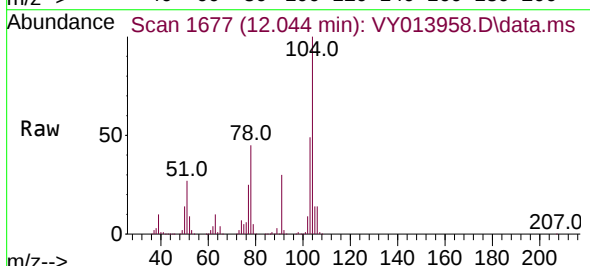
Manual Integrations
APPROVED

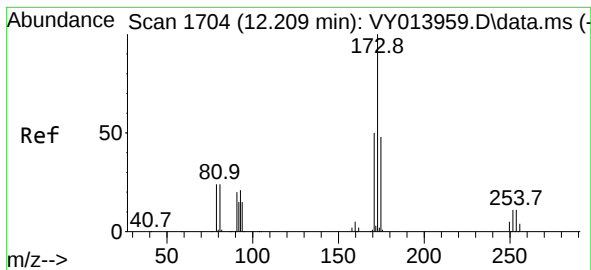
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#70
Styrene
Concen: 19.912 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:104 Resp: 169425
Ion Ratio Lower Upper
104 100
78 52.2 41.5 62.3
103 57.3 44.6 67.0





#71

Bromoform

Concen: 19.869 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 4458

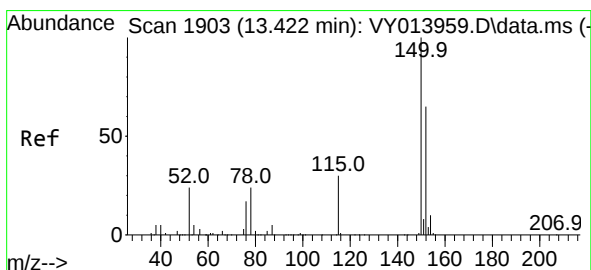
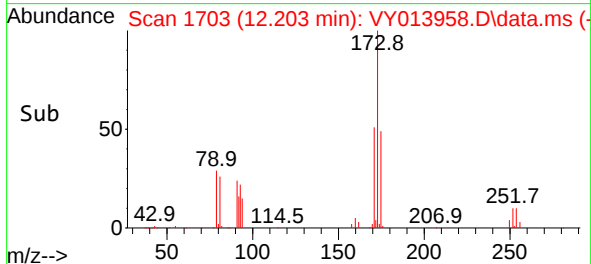
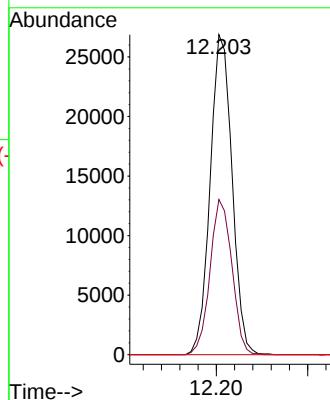
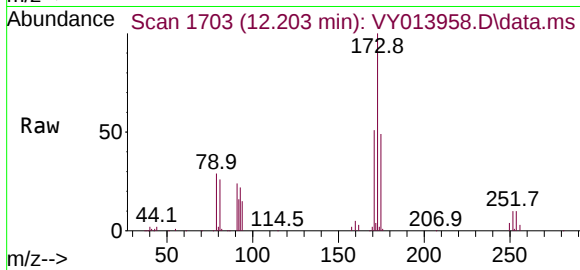
Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

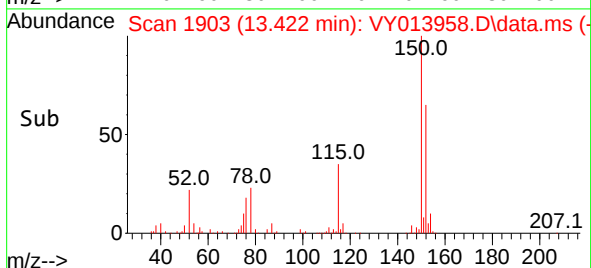
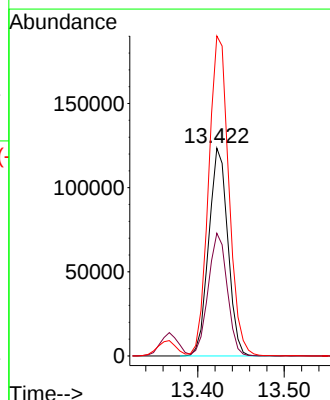
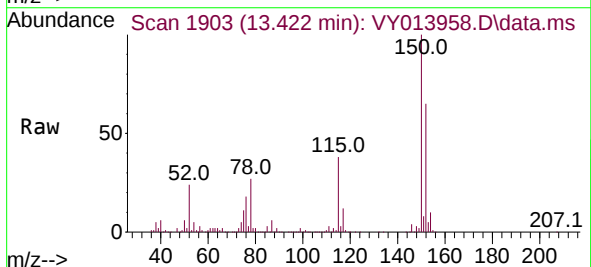
Delta R.T. 0.000 min

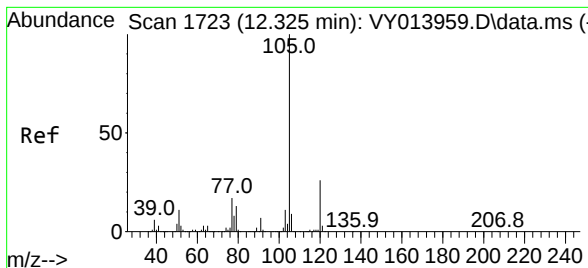
Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Tgt Ion:152 Resp: 189097

Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.8	86.5
150	163.1	0.0	348.8





#73

Isopropylbenzene

Concen: 20.725 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 258672

Ion Ratio Lower Upper

105 100

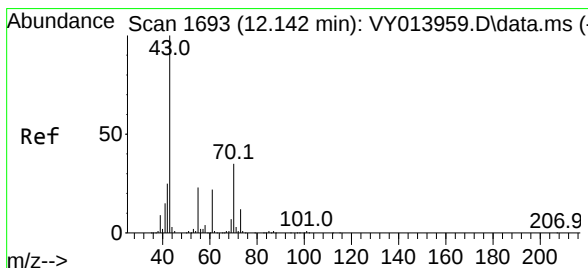
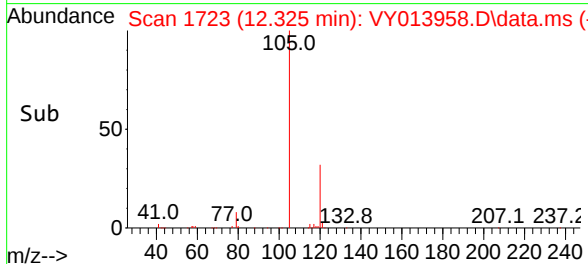
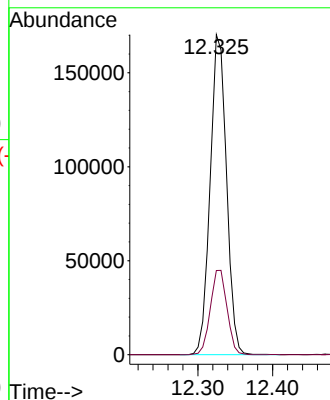
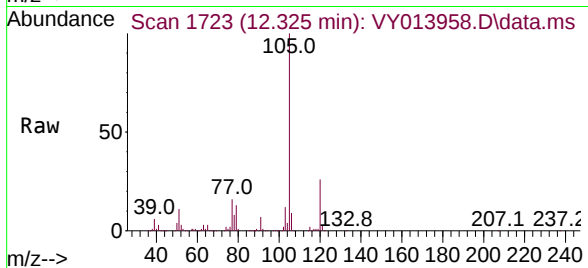
120 26.8 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#74

N-ethyl acetate

Concen: 19.385 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Tgt Ion: 43 Resp: 92828

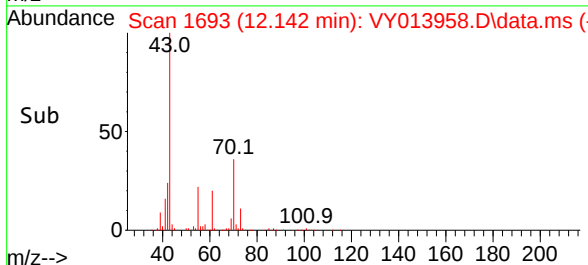
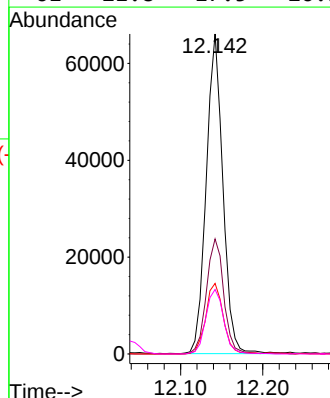
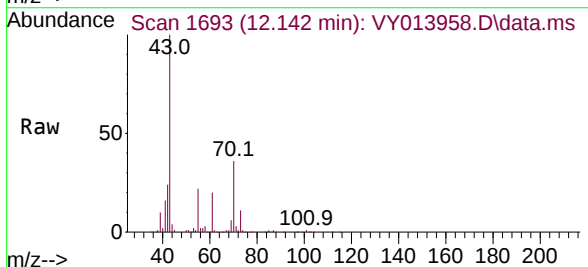
Ion Ratio Lower Upper

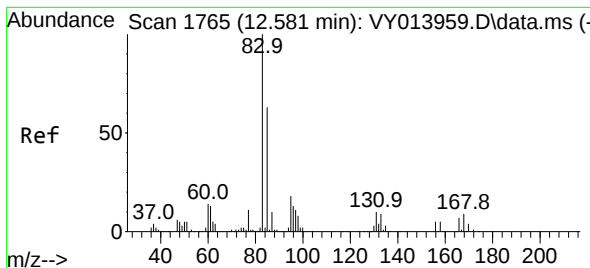
43 100

70 37.6 29.7 44.5

55 23.3 18.3 27.5

61 21.8 17.5 26.3





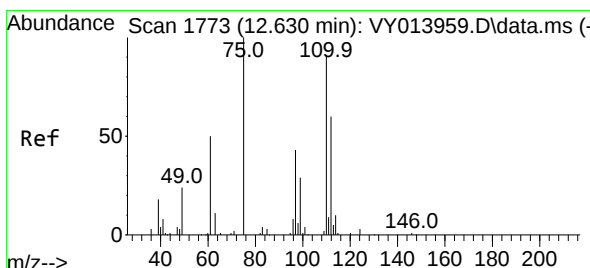
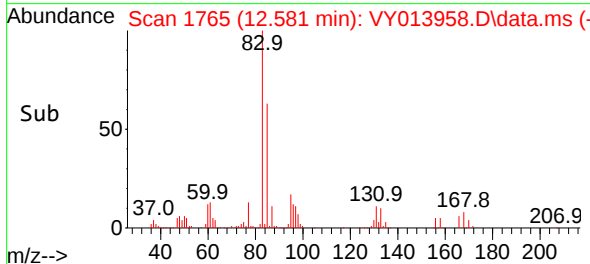
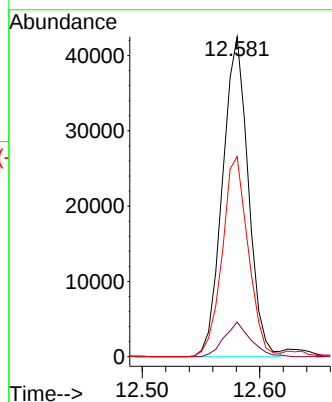
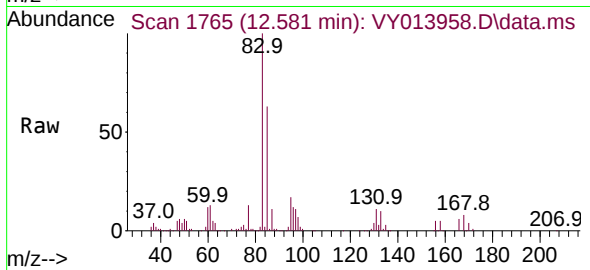
#75
1,1,2,2-Tetrachloroethane
Concen: 19.825 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 83 Resp: 64669
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 63.2 31.8 95.4

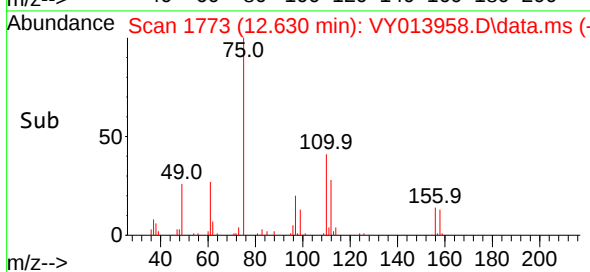
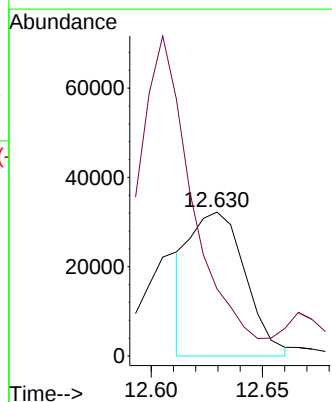
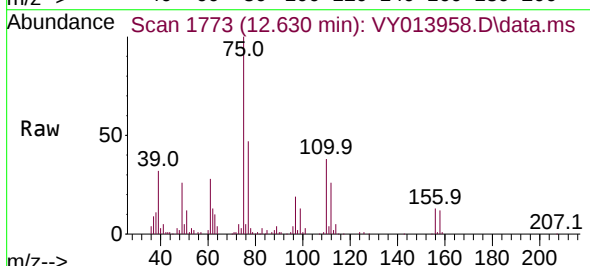
Manual Integrations
APPROVED

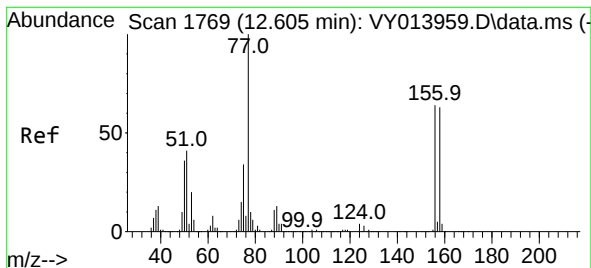
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#76
1,2,3-Trichloropropane
Concen: 21.979 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion: 75 Resp: 56040
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.876 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

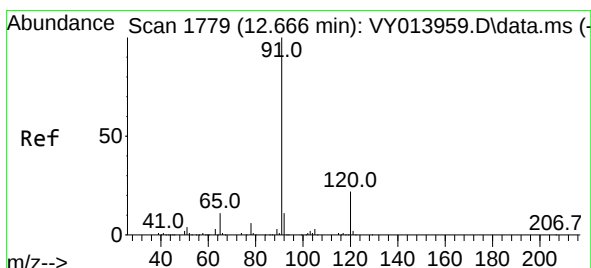
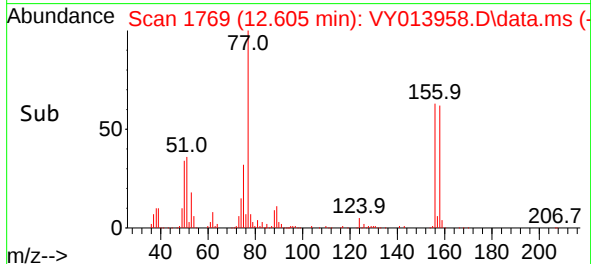
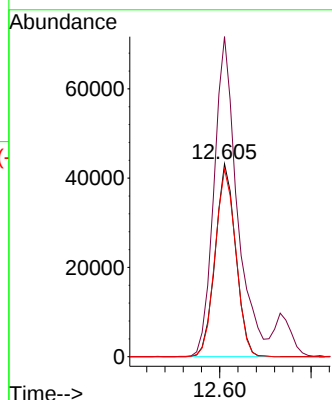
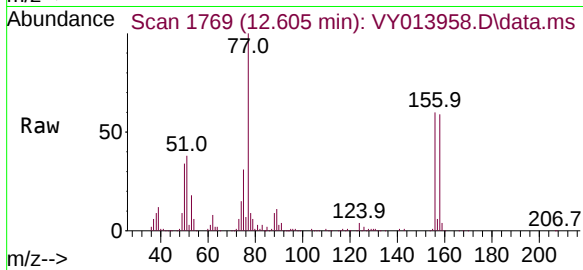
Tgt Ion:	156	Resp:	67063
Ion Ratio	Lower	Upper	
156	100		
77	186.7	92.8	278.6
158	98.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#78

n-propylbenzene

Concen: 21.078 ug/l

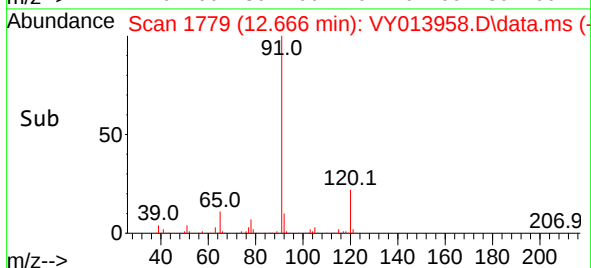
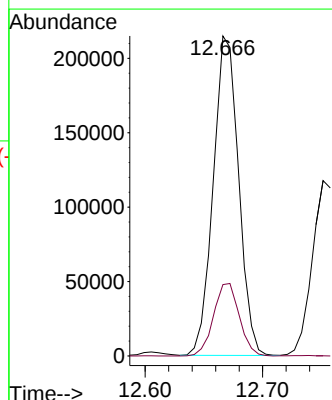
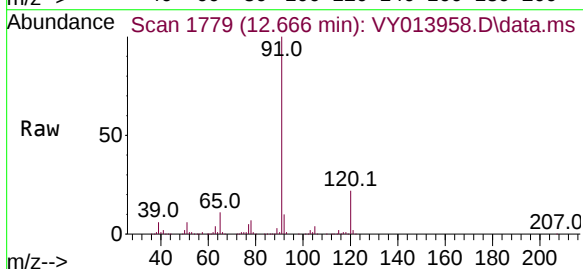
RT: 12.666 min Scan# 1779

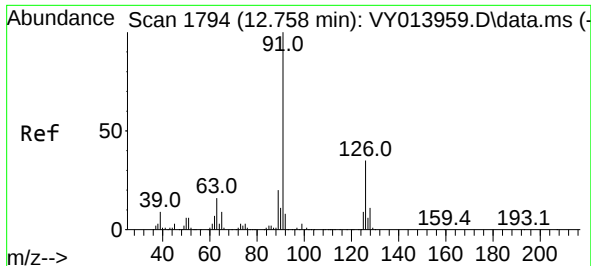
Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Tgt Ion:	91	Resp:	322419
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





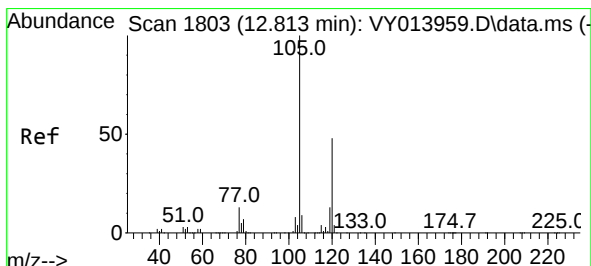
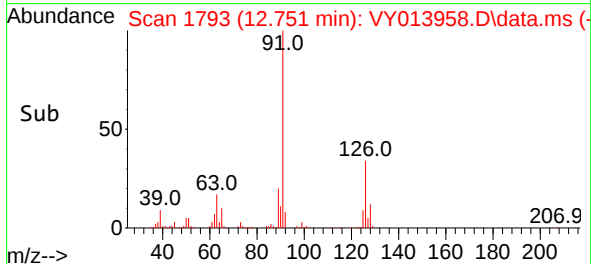
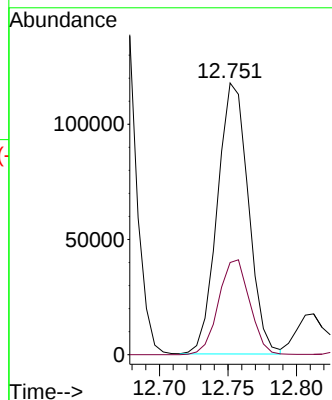
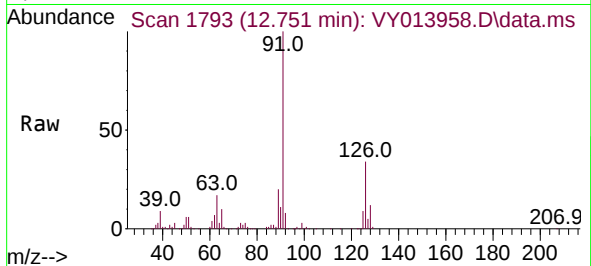
#79
2-Chlorotoluene
Concen: 20.500 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 185640
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7

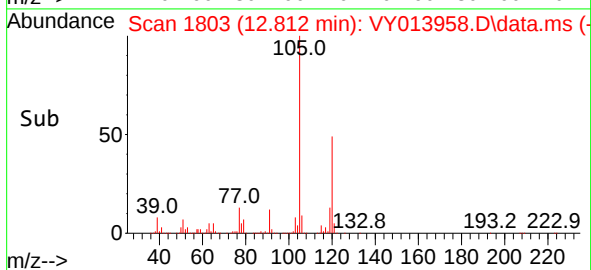
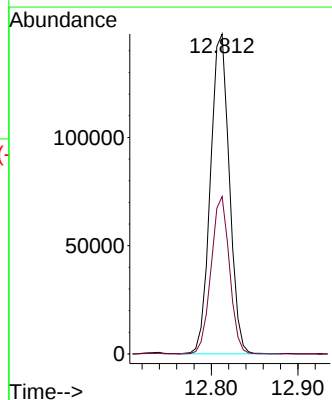
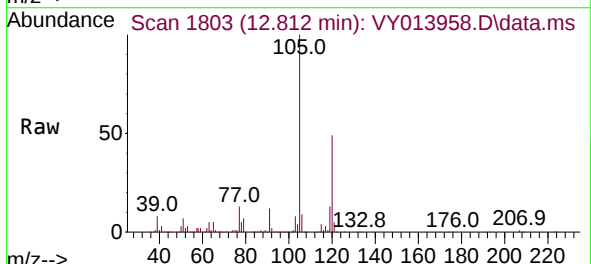
Manual Integrations
APPROVED

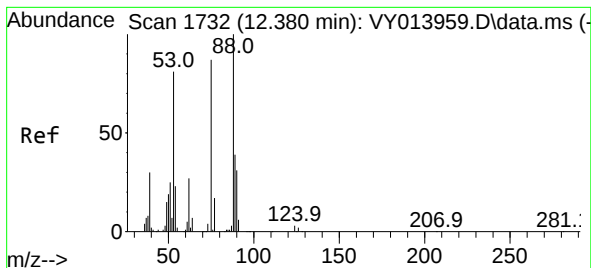
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.880 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

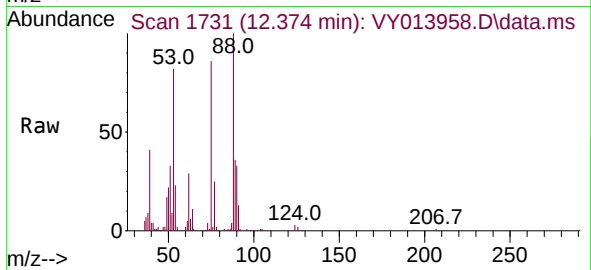
Tgt Ion:105 Resp: 223362
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.696 ug/l
RT: 12.374 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

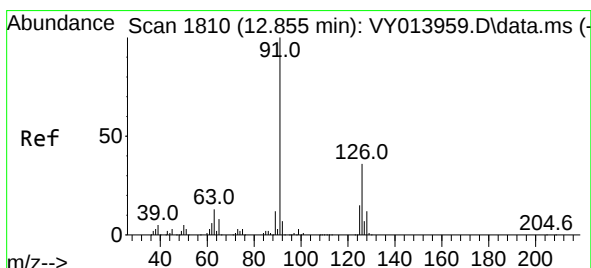
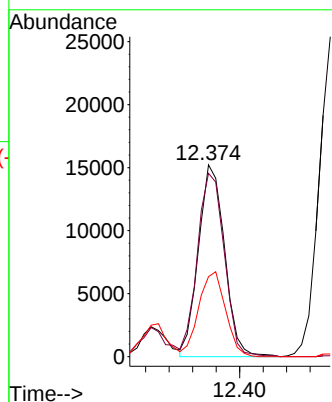
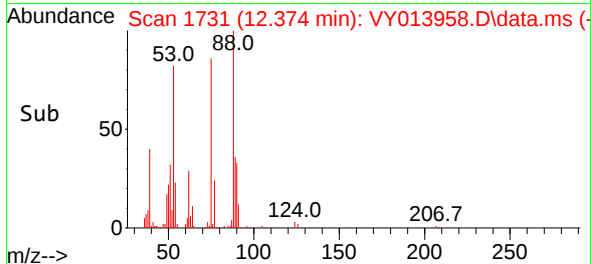
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 2362
Ion Ratio Lower Upper
75 100
53 98.0 77.8 116.8
89 45.3 37.4 56.0

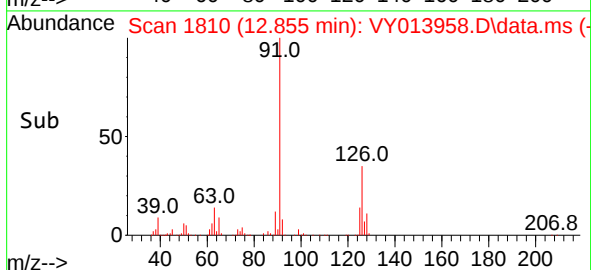
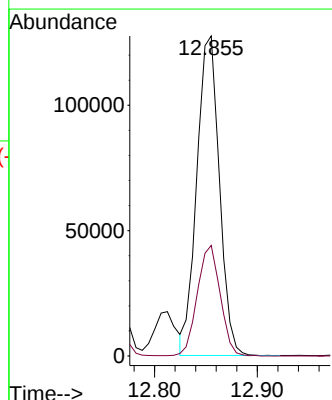
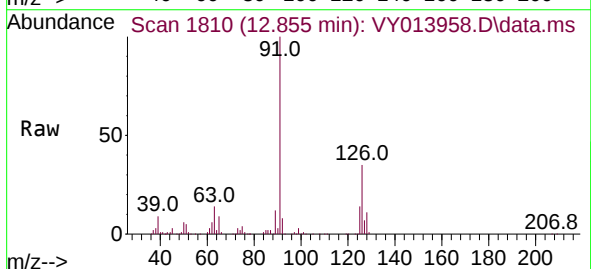
Manual Integrations
APPROVED

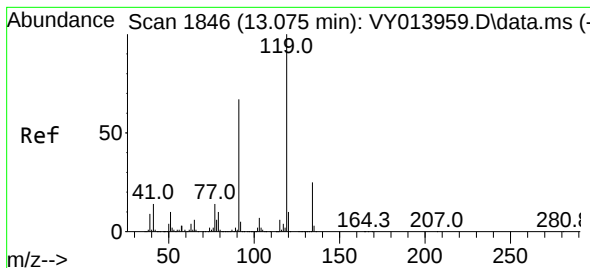
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#82
4-Chlorotoluene
Concen: 20.483 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

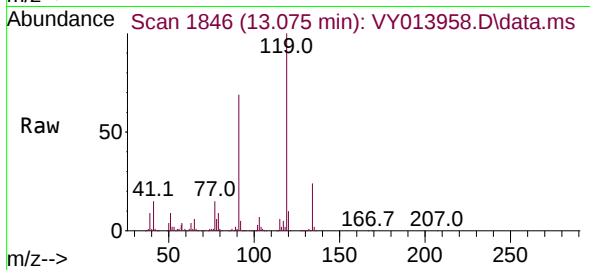
Tgt Ion: 91 Resp: 195078
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.987 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

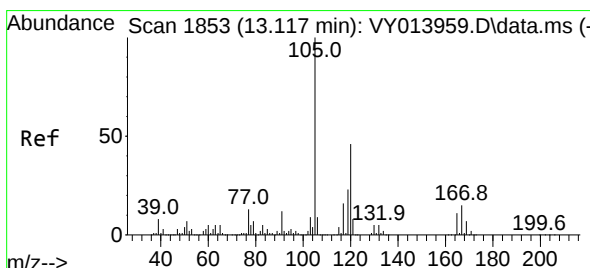
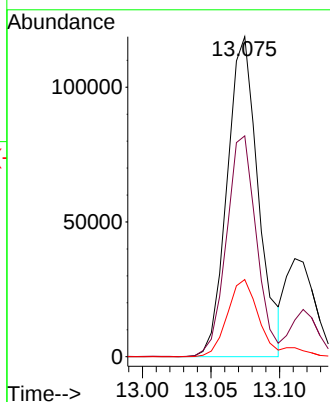
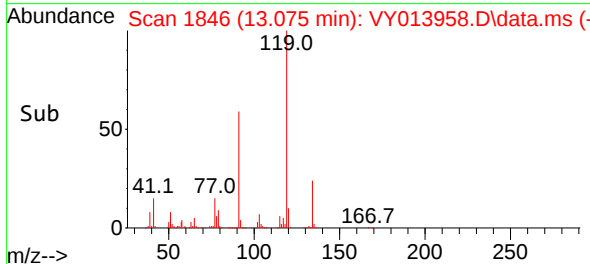
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



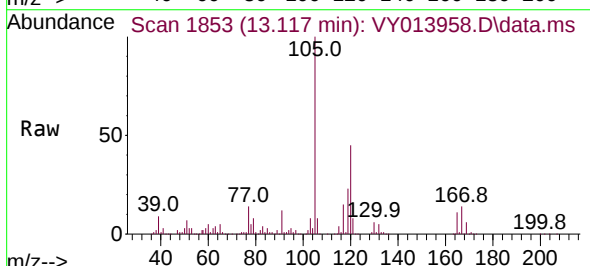
Tgt Ion:119 Resp: 188002
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.6
134 25.9 13.0 38.9

Manual Integrations
APPROVED

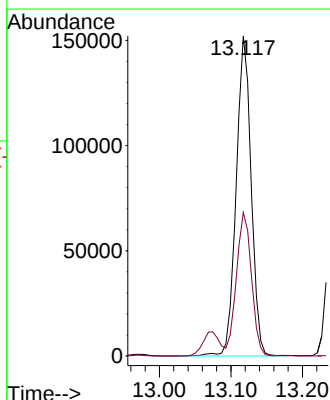
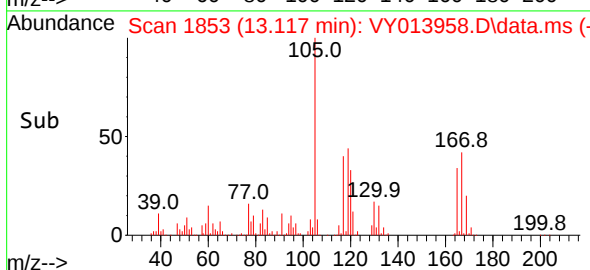
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

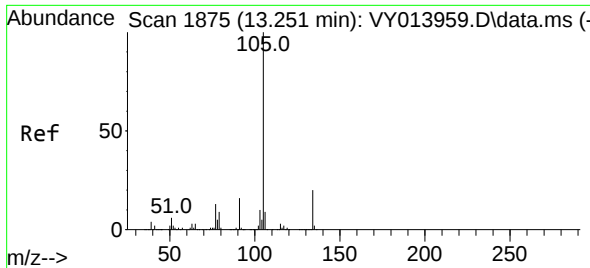


#84
1,2,4-Trimethylbenzene
Concen: 20.692 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



Tgt Ion:105 Resp: 221083
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





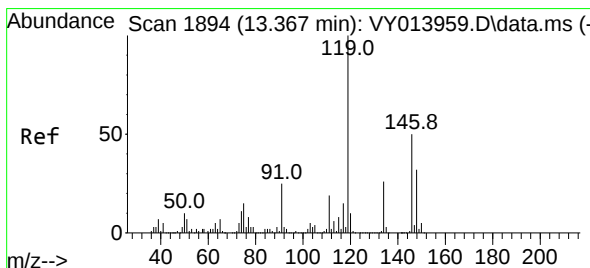
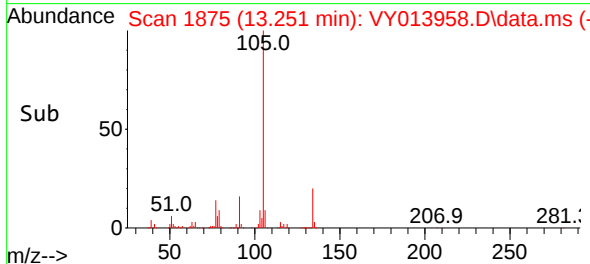
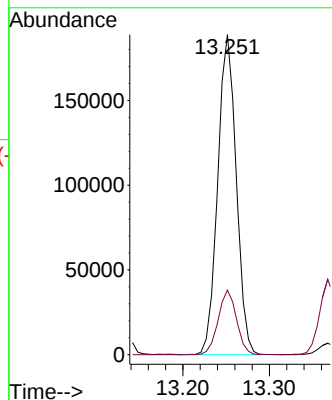
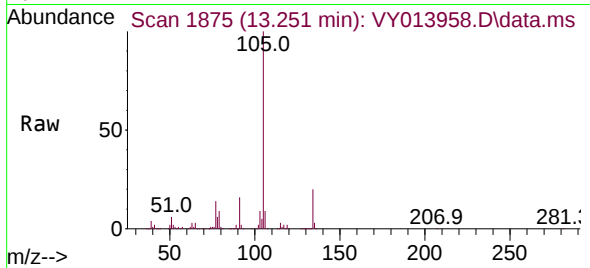
#85
 sec-Butylbenzene
 Concen: 21.500 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 280063
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6

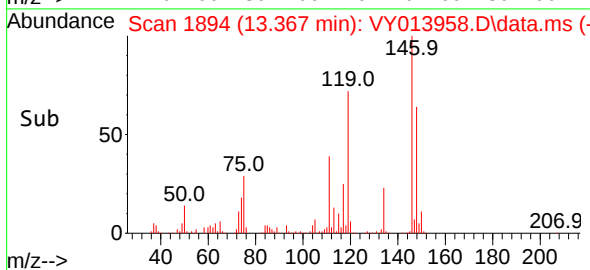
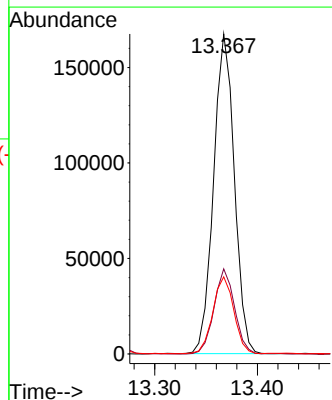
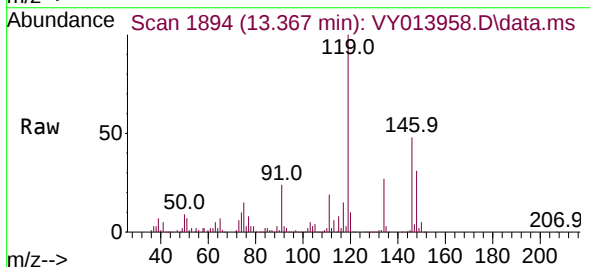
Manual Integrations
 APPROVED

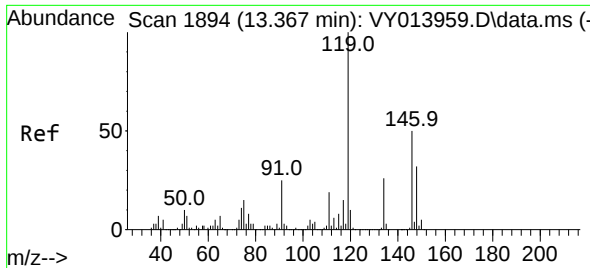
Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023



#86
 p-Isopropyltoluene
 Concen: 21.322 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013958.D
 Acq: 01 Jun 2023 11:50

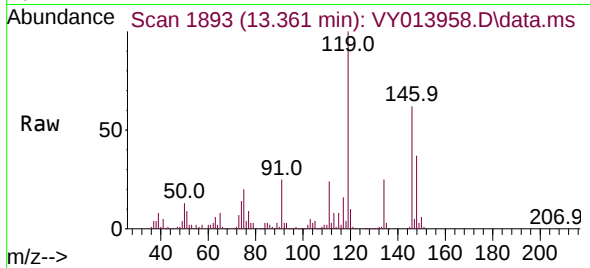
Tgt Ion:119 Resp: 234444
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 24.2 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 20.052 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

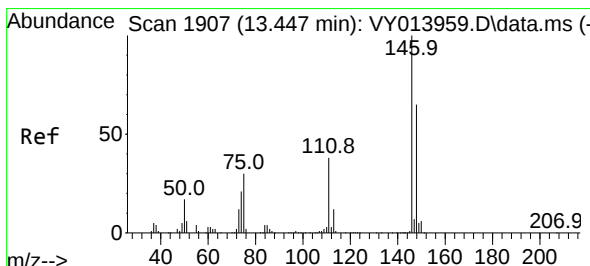
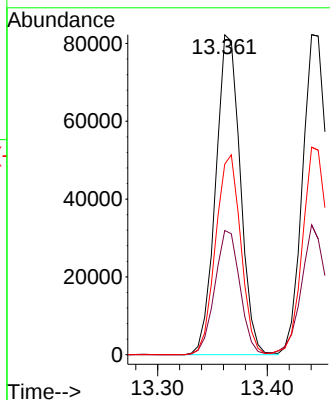
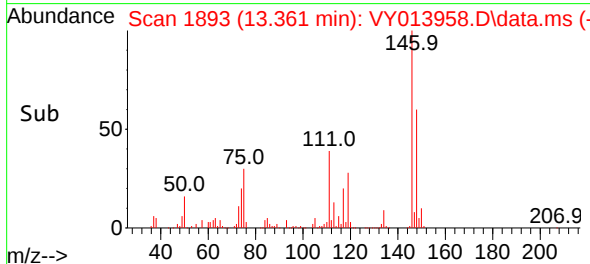
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



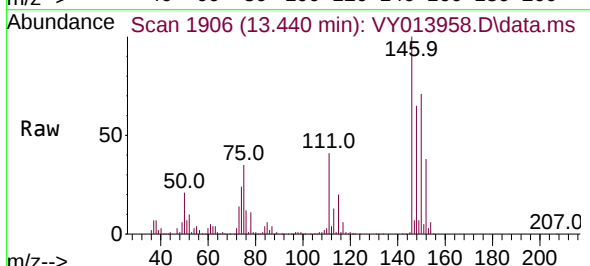
Tgt Ion:146 Resp: 128484
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.2
148 63.9 31.9 95.5

Manual Integrations
APPROVED

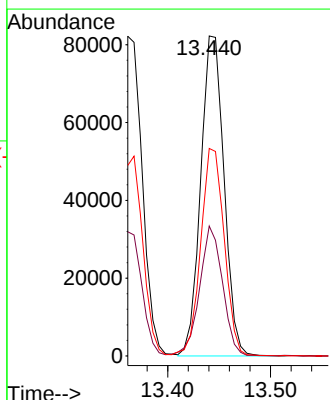
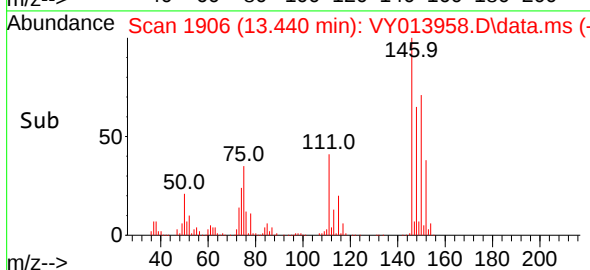
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

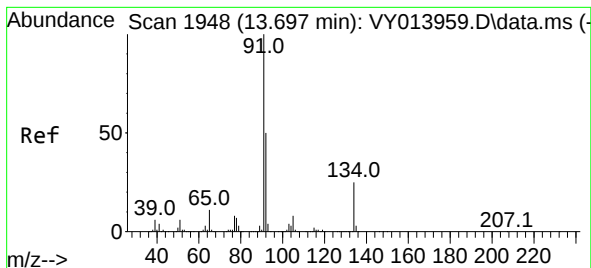


#88
1,4-Dichlorobenzene
Concen: 20.042 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



Tgt Ion:146 Resp: 129906
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 21.108 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

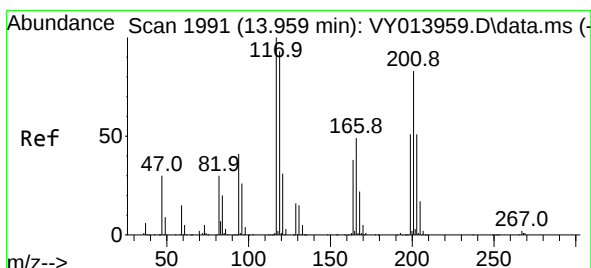
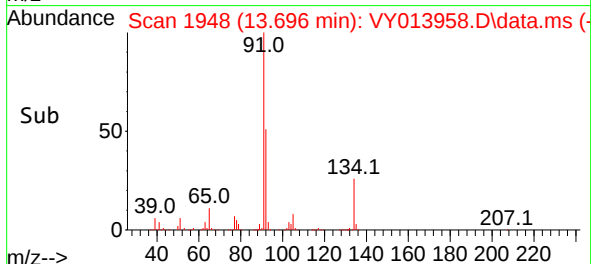
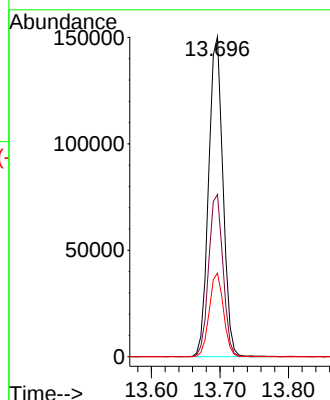
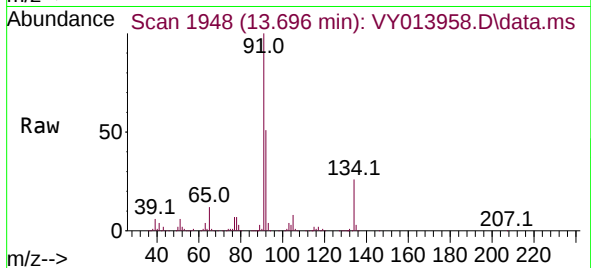
Tgt Ion:	91	Resp:	21899
Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.4	76.0
134	25.9	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#90

Hexachloroethane

Concen: 20.700 ug/l

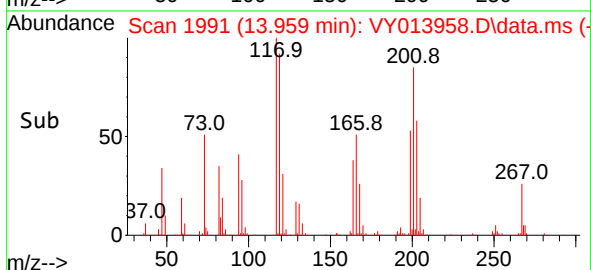
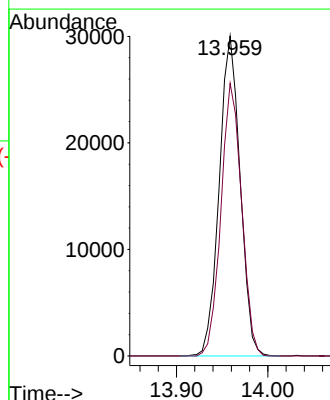
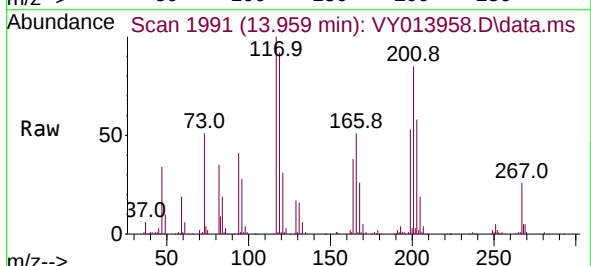
RT: 13.959 min Scan# 1991

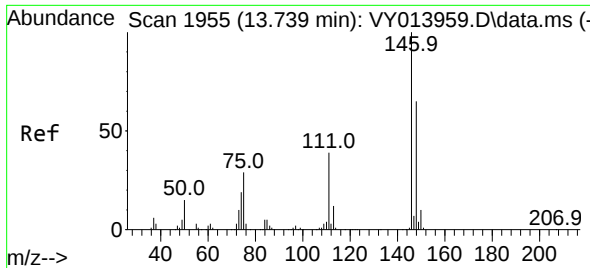
Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

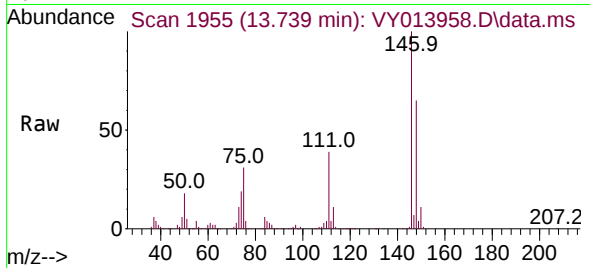
Tgt Ion:	117	Resp:	47769
Ion	Ratio	Lower	Upper
117	100		
201	84.1	41.6	124.8





#91
1,2-Dichlorobenzene
Concen: 20.241 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

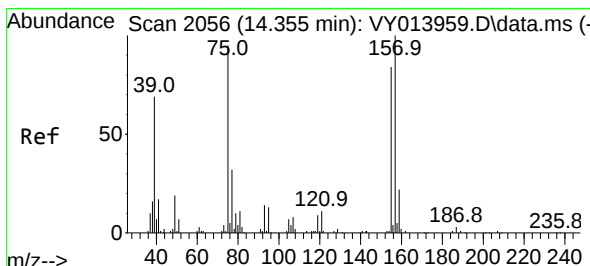
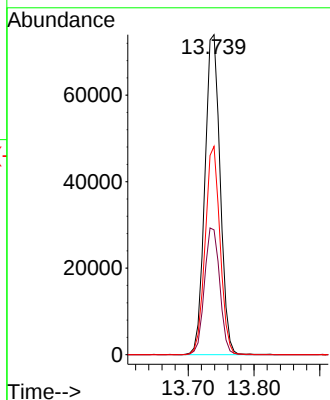
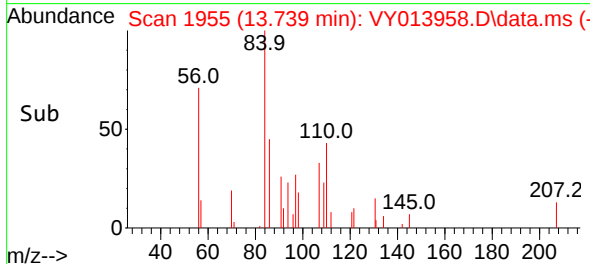
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



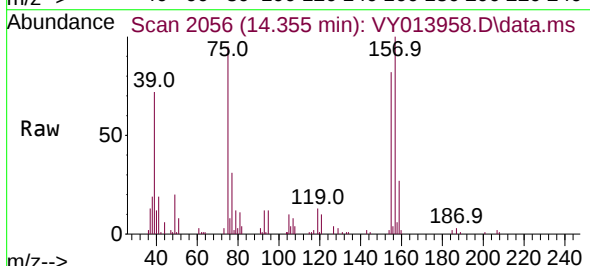
Tgt Ion:146 Resp: 11948
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 63.5 32.0 96.2

Manual Integrations
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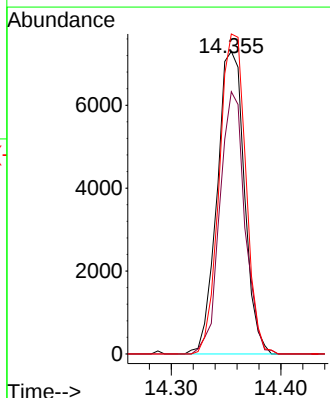
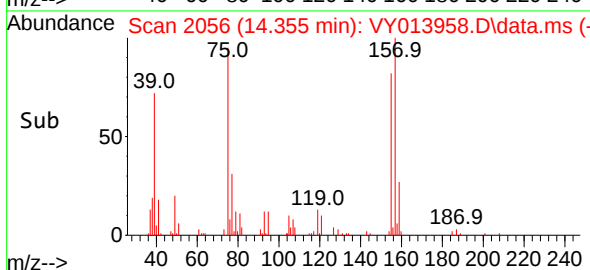
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

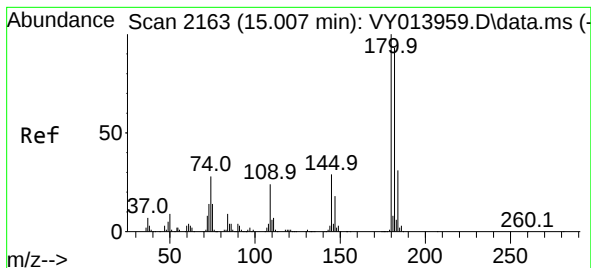


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.055 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50



Tgt Ion: 75 Resp: 12618
Ion Ratio Lower Upper
75 100
155 79.5 41.5 124.6
157 102.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.809 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:180 Resp: 7188

Ion Ratio Lower Upper

180 100

182 93.3 47.0 141.2

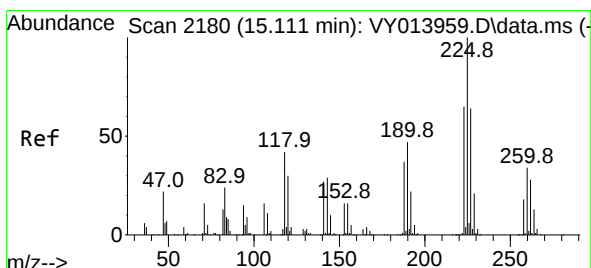
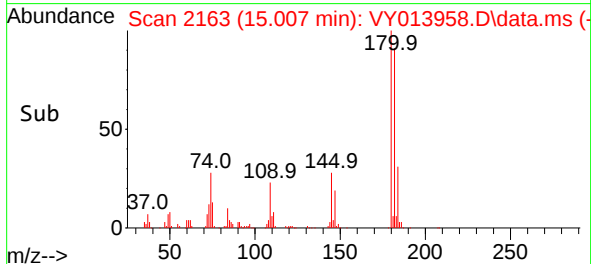
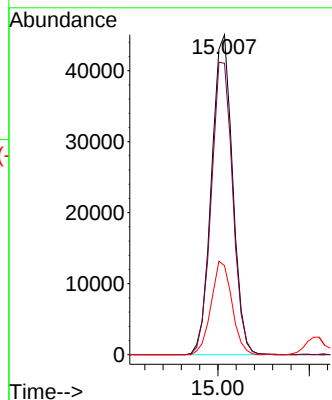
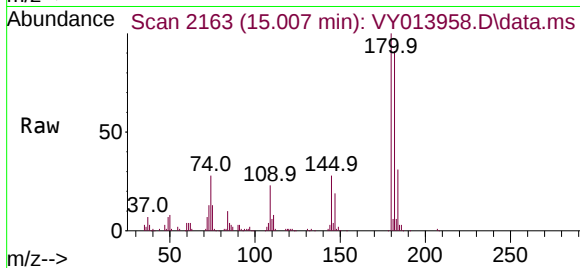
145 28.9 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#94

Hexachlorobutadiene

Concen: 21.618 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013958.D

Acq: 01 Jun 2023 11:50

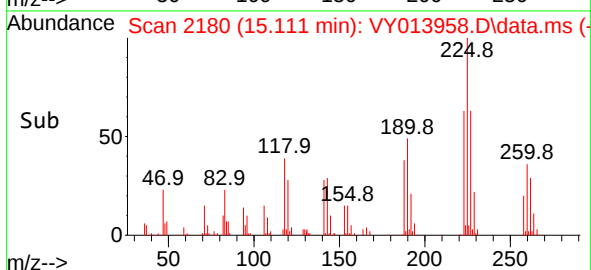
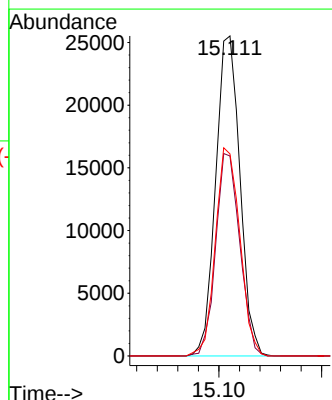
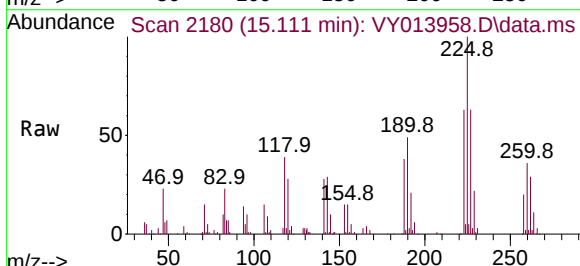
Tgt Ion:225 Resp: 41784

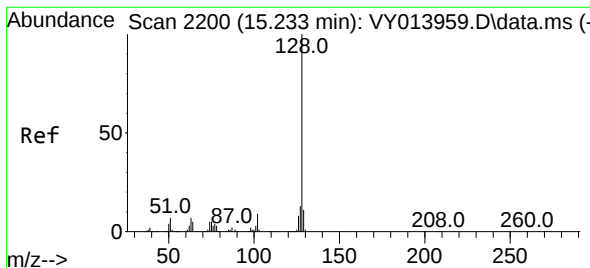
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

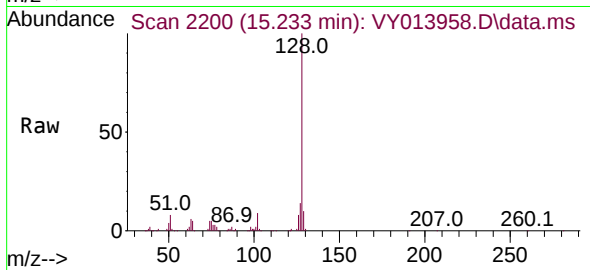
227 65.7 33.0 98.9





#95
Naphthalene
Concen: 19.031 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

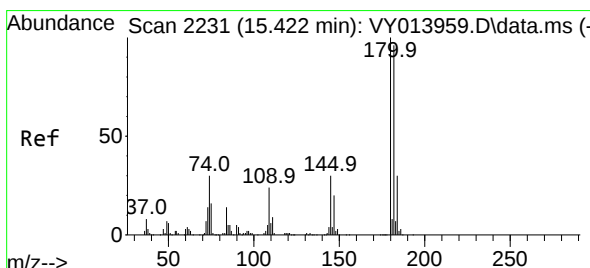
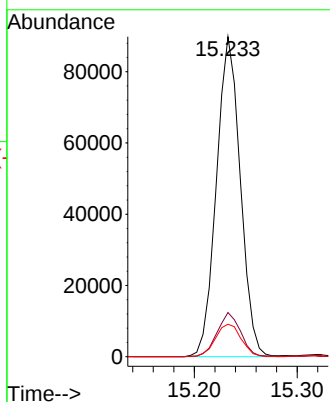
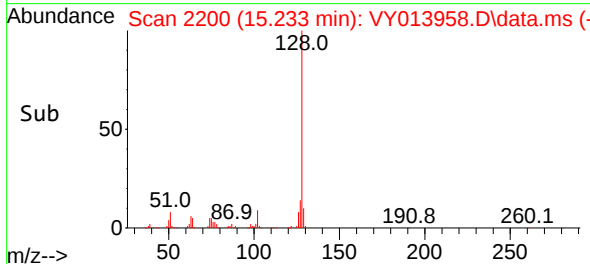
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 144974
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.539 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013958.D
Acq: 01 Jun 2023 11:50

Tgt Ion:180 Resp: 64579
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.8
145 31.3 15.4 46.2

