

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060123\
 Data File : VY013957.D
 Acq On : 01 Jun 2023 11:28
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: Jun 02 06:45:53 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	245901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	397064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	364445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	33634	10.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	20.660%#		
35) Dibromofluoromethane	7.716	113	24670	9.777	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.560%#		
50) Toluene-d8	10.179	98	96174	9.992	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.980%#		
62) 4-Bromofluorobenzene	12.477	95	31672	9.652	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.300%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21025	9.717	ug/l	97
3) Chloromethane	2.113	50	31290	10.442	ug/l	96
4) Vinyl Chloride	2.247	62	26835	9.667	ug/l	99
5) Bromomethane	2.656	94	24130	9.982	ug/l	100
6) Chloroethane	2.790	64	19933	10.033	ug/l	95
7) Trichlorofluoromethane	3.125	101	42946	9.786	ug/l	99
8) Diethyl Ether	3.527	74	17352	10.086	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	21520	9.546	ug/l	99
10) Methyl Iodide	4.088	142	28781	9.263	ug/l	97
11) Tert butyl alcohol	4.924	59	39348	58.816	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	23503	9.943	ug/l	90
13) Acrolein	3.729	56	17108	55.842	ug/l	100
14) Allyl chloride	4.479	41	45008	9.812	ug/l	99
15) Acrylonitrile	5.167	53	44725	46.846	ug/l	99
16) Acetone	3.954	43	51269	46.035	ug/l	93
17) Carbon Disulfide	4.192	76	80975	10.131	ug/l	97
18) Methyl Acetate	4.479	43	36336	9.031	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	74010	9.678	ug/l	98
20) Methylene Chloride	4.710	84	39772	10.008	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	27183	10.153	ug/l	95
22) Diisopropyl ether	6.118	45	87383	9.827	ug/l	97
23) Vinyl Acetate	6.057	43	258662	46.379	ug/l	99
24) 1,1-Dichloroethane	6.015	63	50786	10.233	ug/l	99
25) 2-Butanone	6.990	43	63336	45.650	ug/l	95
26) 2,2-Dichloropropane	6.978	77	44869	9.961	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	31142	10.159	ug/l	99
28) Bromochloromethane	7.332	49	24790	10.576	ug/l	97
29) Tetrahydrofuran	7.350	42	39501	45.783	ug/l	99
30) Chloroform	7.502	83	53811	10.326	ug/l	99
31) Cyclohexane	7.783	56	37731	9.626	ug/l #	86
32) 1,1,1-Trichloroethane	7.697	97	43040	9.737	ug/l	96
36) 1,1-Dichloropropene	7.911	75	34962	9.725	ug/l	99
37) Ethyl Acetate	7.069	43	28673	9.148	ug/l	99
38) Carbon Tetrachloride	7.893	117	39157	9.720	ug/l	97
39) Methylcyclohexane	9.179	83	33672	8.773	ug/l	98
40) Benzene	8.161	78	111901	10.090	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	15184m	10.481	ug/l	
42) 1,2-Dichloroethane	8.234	62	41334	10.164	ug/l	97
43) Isopropyl Acetate	8.271	43	48588	9.206	ug/l	98
44) Trichloroethene	8.935	130	29384	10.118	ug/l	93
45) 1,2-Dichloropropane	9.215	63	28352	9.907	ug/l	94
46) Dibromomethane	9.301	93	18284	9.979	ug/l	98
47) Bromodichloromethane	9.496	83	41613	10.082	ug/l #	96
48) Methyl methacrylate	9.295	41	22312	9.288	ug/l	100
49) 1,4-Dioxane	9.313	88	4716m	176.995	ug/l	
51) 4-Methyl-2-Pentanone	10.069	43	135813	45.560	ug/l	99
52) Toluene	10.240	92	69259	10.194	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	43379	9.784	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	47062	9.942	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	23950	9.915	ug/l	98
56) Ethyl methacrylate	10.508	69	31967	9.217	ug/l	97
57) 1,3-Dichloropropane	10.788	76	40351	9.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	49075	49.207	ug/l	99
59) 2-Hexanone	10.831	43	95649	44.312	ug/l	97
60) Dibromochloromethane	10.983	129	30361	9.945	ug/l	100
61) 1,2-Dibromoethane	11.087	107	24116	9.937	ug/l	95
64) Tetrachloroethene	10.715	164	24713	9.898	ug/l	96
65) Chlorobenzene	11.514	112	76179	10.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	29844	10.253	ug/l	99
67) Ethyl Benzene	11.593	91	128922	9.962	ug/l	99
68) m/p-Xylenes	11.703	106	98943	20.015	ug/l	98
69) o-Xylene	12.026	106	47091	9.941	ug/l	99
70) Styrene	12.044	104	79513	9.773	ug/l	99
71) Bromoform	12.209	173	21288	9.920	ug/l #	100
73) Isopropylbenzene	12.331	105	115544	9.611	ug/l	100
74) N-amyl acetate	12.142	43	41154	8.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	30672	9.762	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	22825m	9.294	ug/l	
77) Bromobenzene	12.605	156	33184	10.211	ug/l	99
78) n-propylbenzene	12.672	91	142493	9.671	ug/l	100
79) 2-Chlorotoluene	12.758	91	87130	9.989	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	100839	9.787	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	10604	9.178	ug/l	94
82) 4-Chlorotoluene	12.855	91	92335	10.065	ug/l	100
83) tert-Butylbenzene	13.075	119	84725	9.819	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	102686	9.978	ug/l	100
85) sec-Butylbenzene	13.251	105	121031	9.646	ug/l	99
86) p-Isopropyltoluene	13.367	119	104164	9.835	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	64117	10.389	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	64620	10.350	ug/l	97
89) n-Butylbenzene	13.696	91	93571	9.363	ug/l	99
90) Hexachloroethane	13.959	117	22810	10.262	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	59150	10.403	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5659	9.338	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	33519	9.590	ug/l	96
94) Hexachlorobutadiene	15.111	225	18109	9.727	ug/l	98
95) Naphthalene	15.233	128	65828	11.022	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	30683	9.638	ug/l	99

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

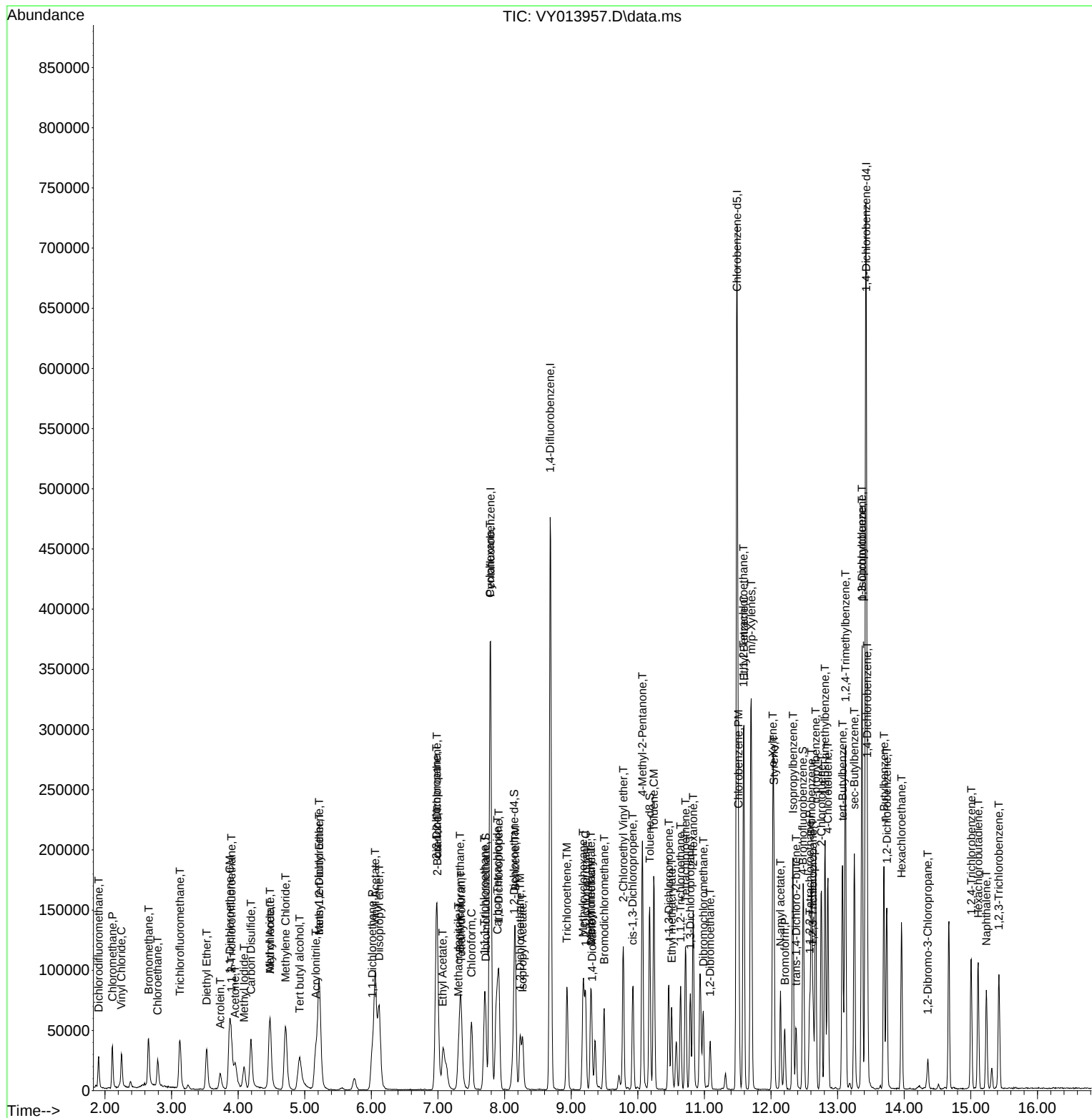
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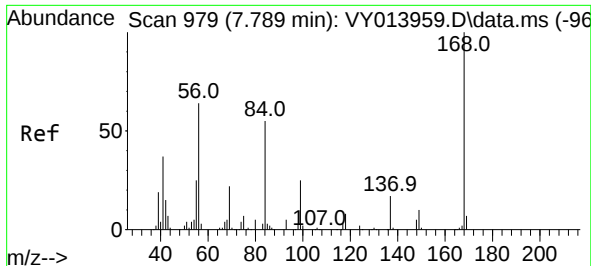
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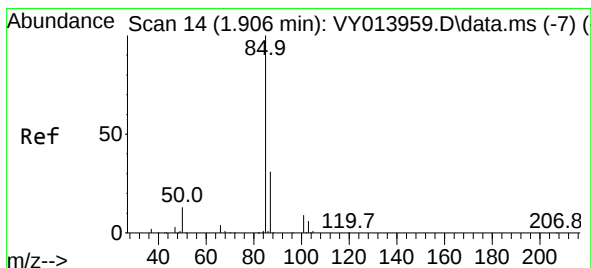
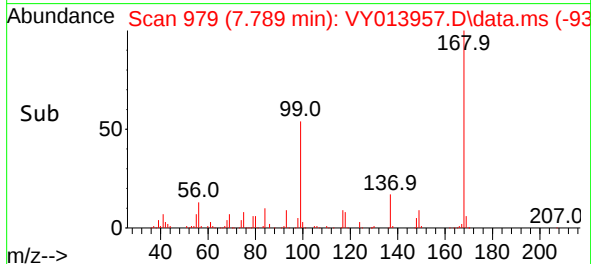
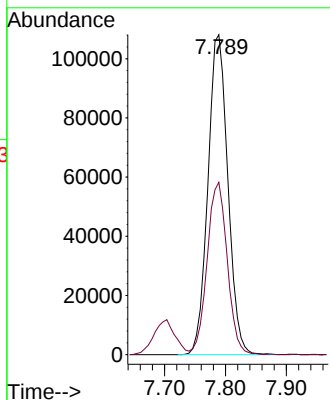
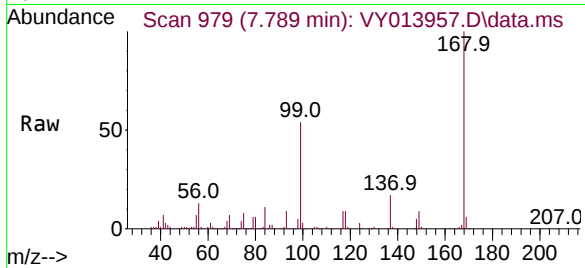
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Tgt Ion:168 Resp: 24590
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0

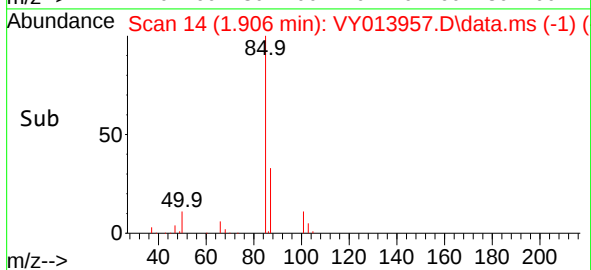
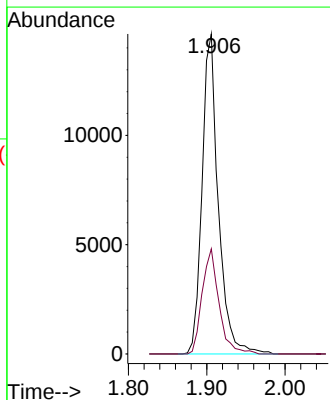
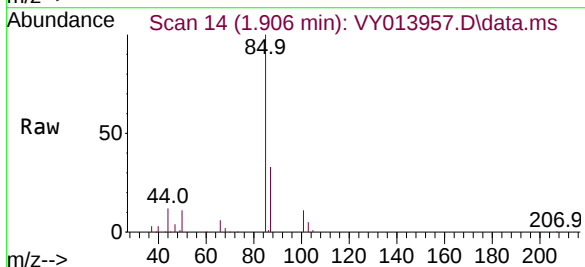
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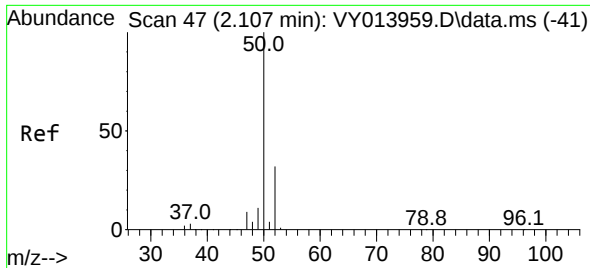
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#2
Dichlorodifluoromethane
Concen: 9.717 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 85 Resp: 21025
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8





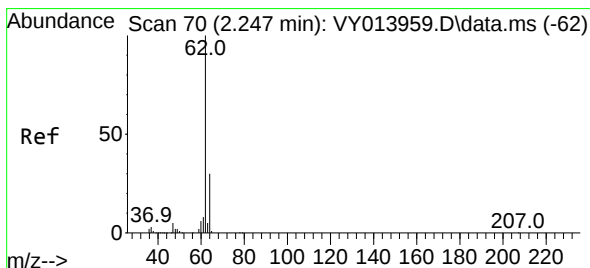
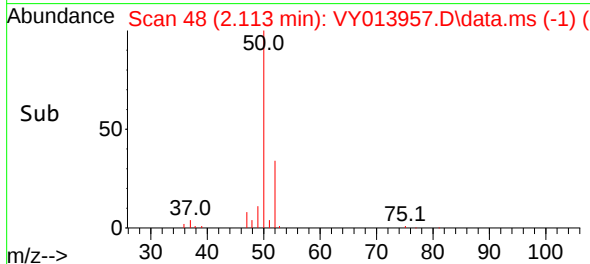
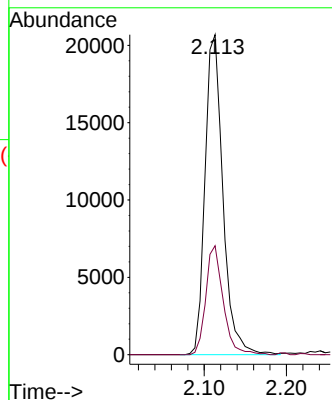
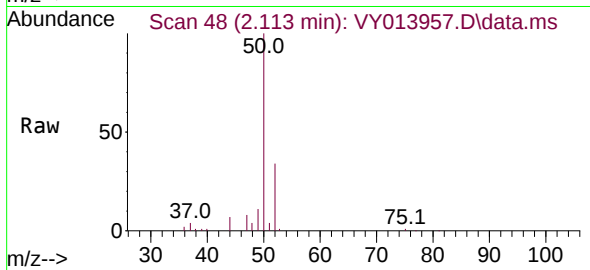
#3
Chloromethane
Concen: 10.442 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
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Tgt Ion: 50 Resp: 31290
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.2

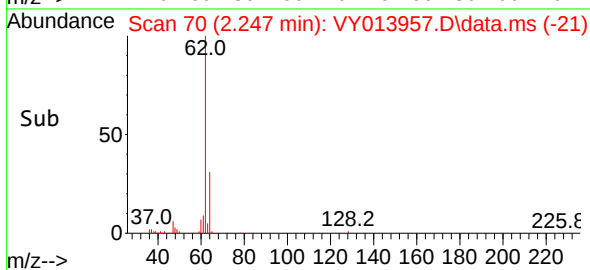
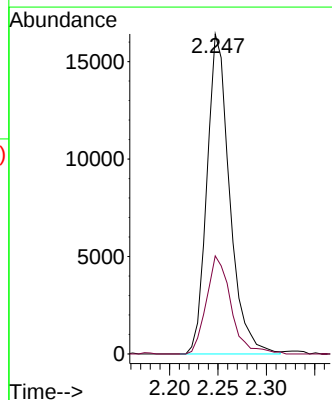
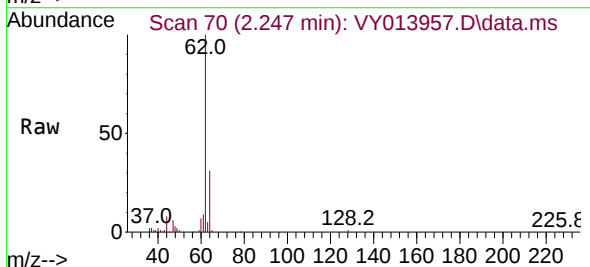
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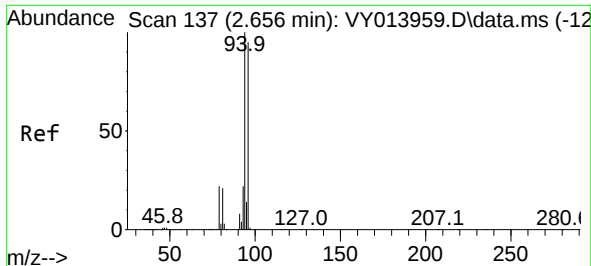
Reviewed By :Krupa Patel 06/02/2023
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#4
Vinyl Chloride
Concen: 9.667 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

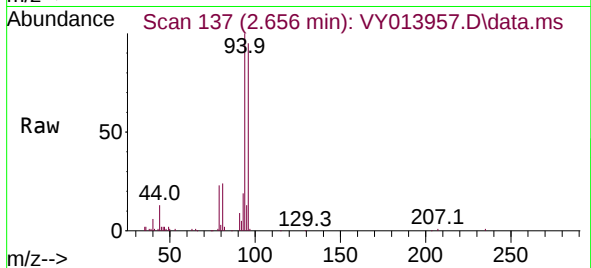
Tgt Ion: 62 Resp: 26835
Ion Ratio Lower Upper
62 100
64 30.7 24.3 36.5





#5
Bromomethane
Concen: 9.982 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
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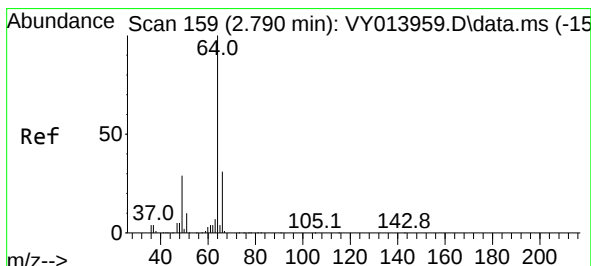
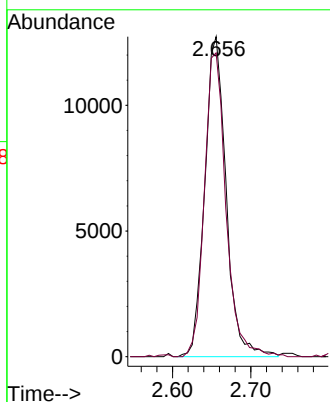
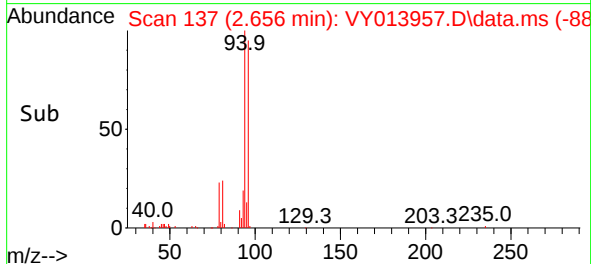
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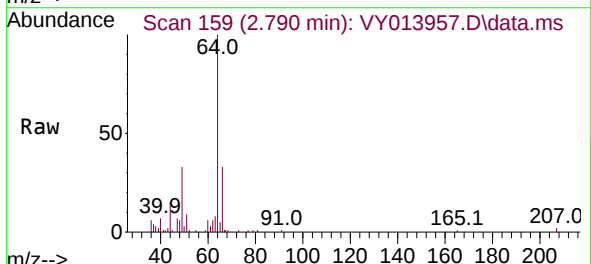
Tgt Ion: 94 Resp: 24130
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6

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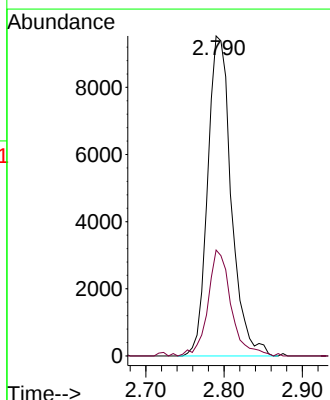
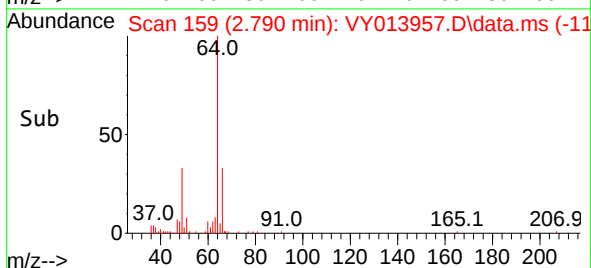
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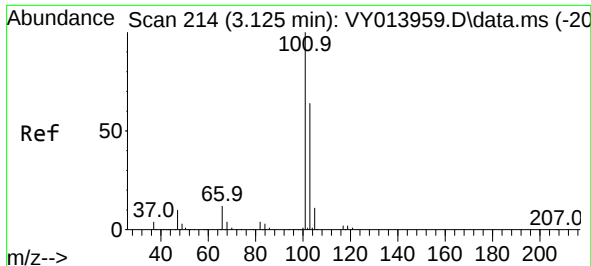


#6
Chloroethane
Concen: 10.033 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013957.D
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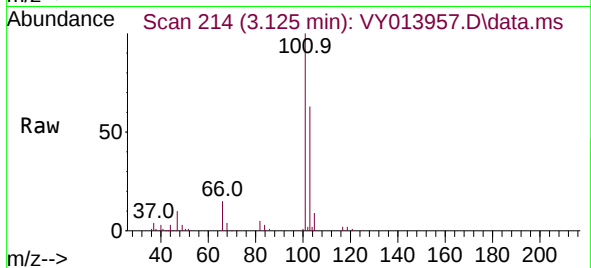
Tgt Ion: 64 Resp: 19933
Ion Ratio Lower Upper
64 100
66 33.1 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 9.786 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY013957.D
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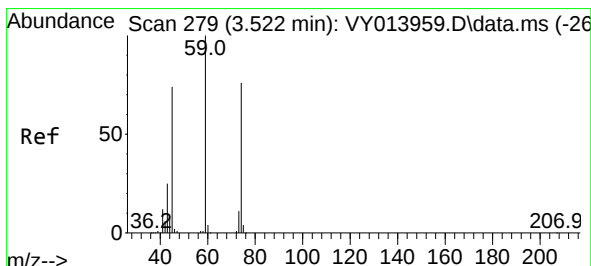
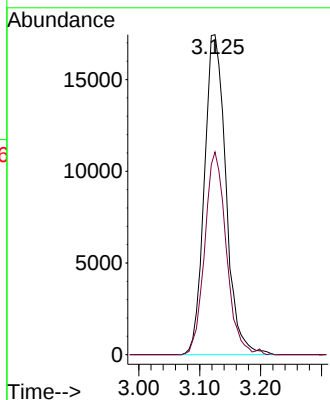
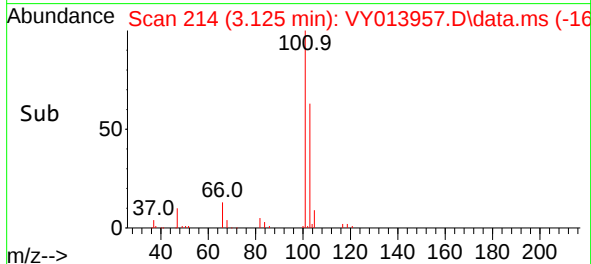
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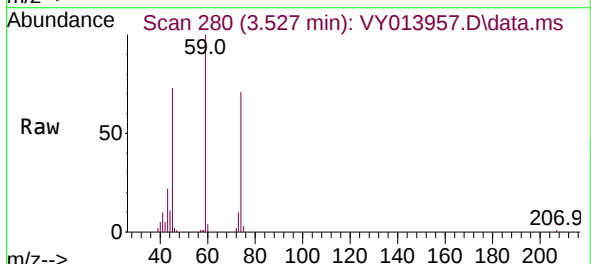
Tgt Ion:101 Resp: 42940
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0

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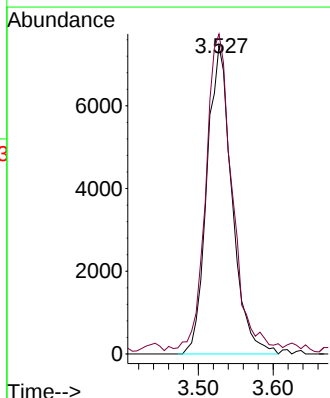
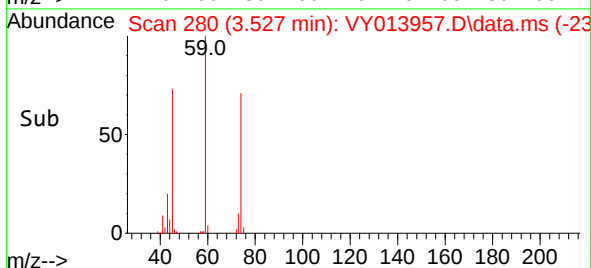
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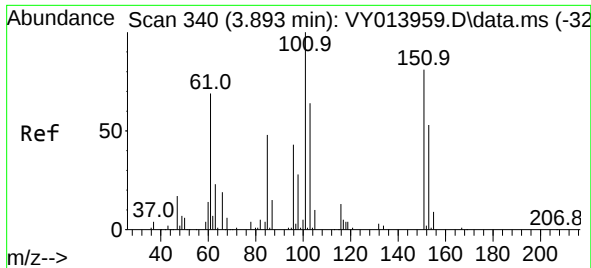


#8
 Diethyl Ether
 Concen: 10.086 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28



Tgt Ion: 74 Resp: 17352
 Ion Ratio Lower Upper
 74 100
 45 108.8 51.5 154.5





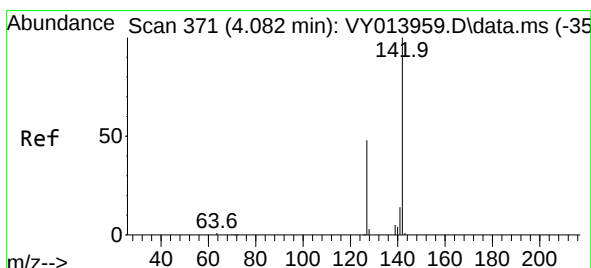
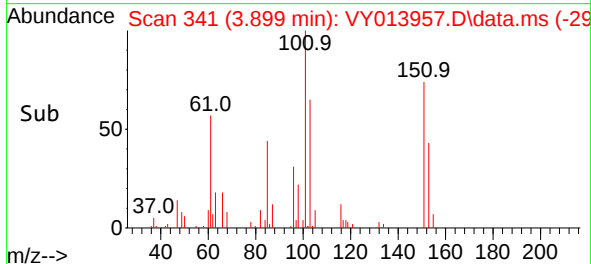
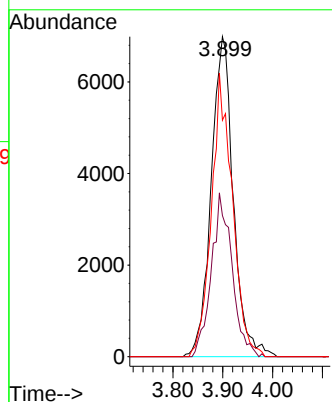
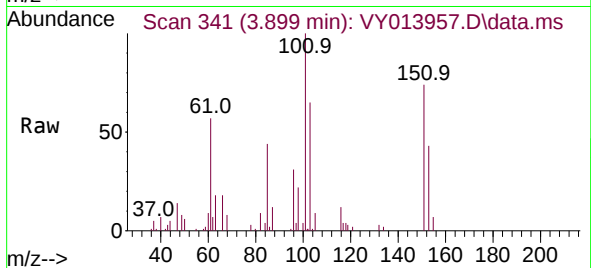
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.546 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 21520
Ion Ratio Lower Upper
101 100
85 47.9 36.6 55.0
151 84.1 67.0 100.6

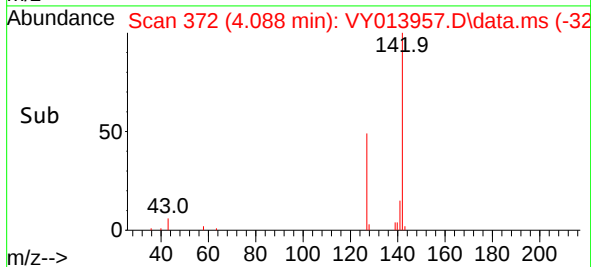
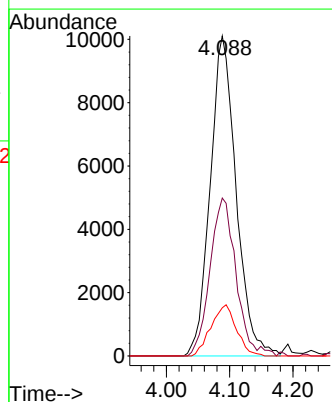
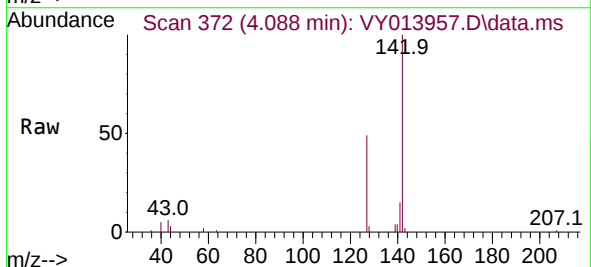
Manual Integrations
APPROVED

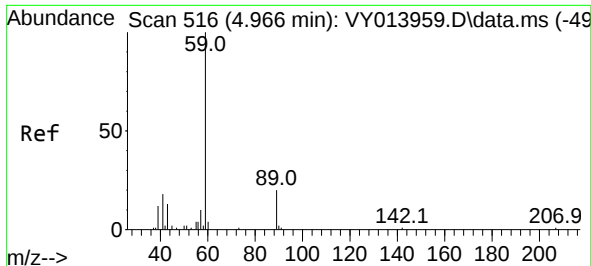
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#10
Methyl Iodide
Concen: 9.263 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:142 Resp: 28781
Ion Ratio Lower Upper
142 100
127 49.4 37.6 56.4
141 15.7 11.8 17.8





#11

Tert butyl alcohol

Concen: 58.816 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.042 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 59 Resp: 3934

Ion Ratio Lower Upper

59 100

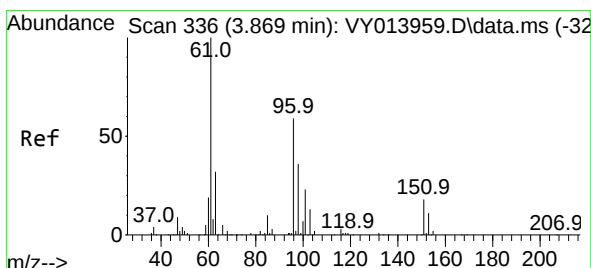
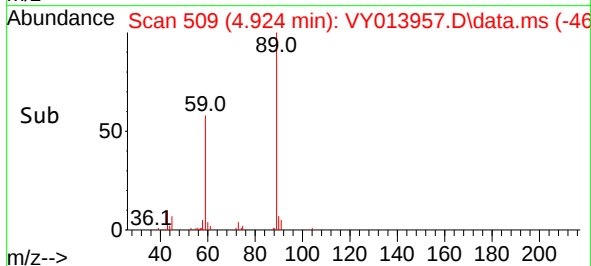
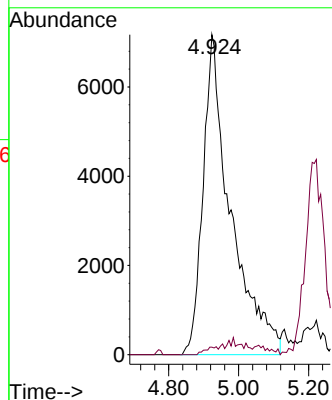
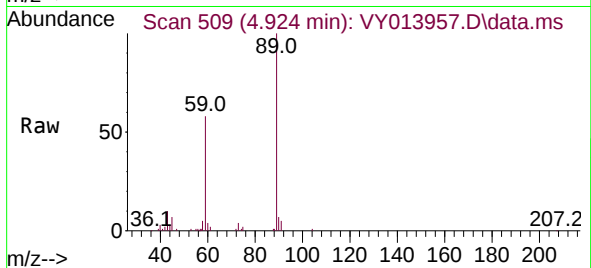
57 0.0 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#12

1,1-Dichloroethene

Concen: 9.943 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

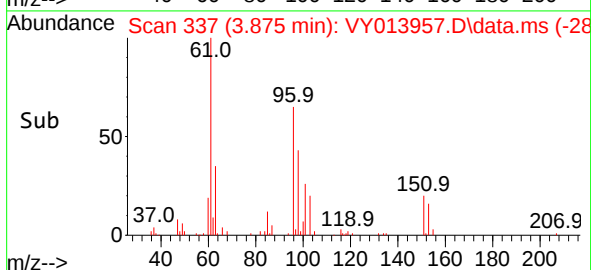
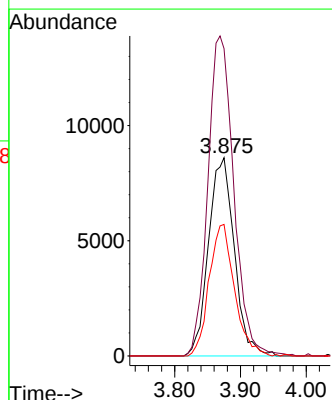
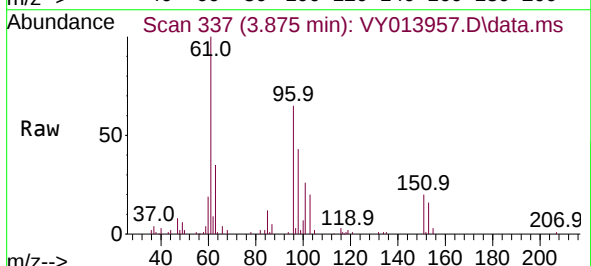
Tgt Ion: 96 Resp: 23503

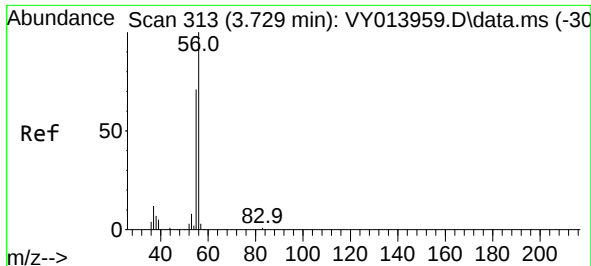
Ion Ratio Lower Upper

96 100

61 155.0 136.4 204.6

98 66.3 49.4 74.2





#13

Acrolein

Concen: 55.842 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 17108

Ion Ratio Lower Upper

56 100

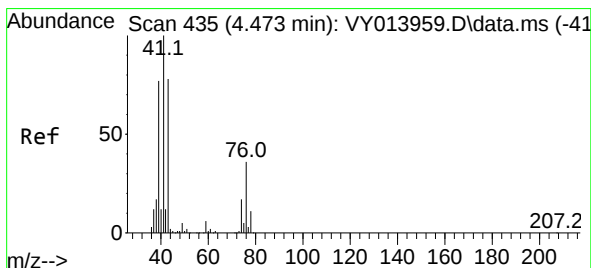
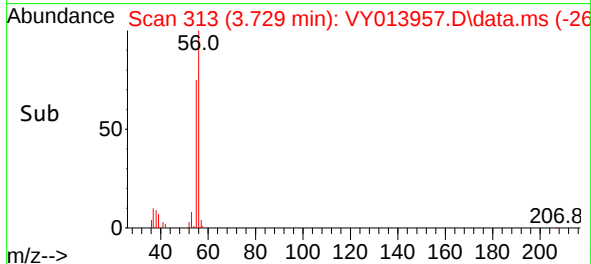
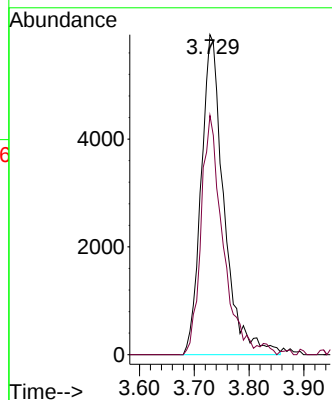
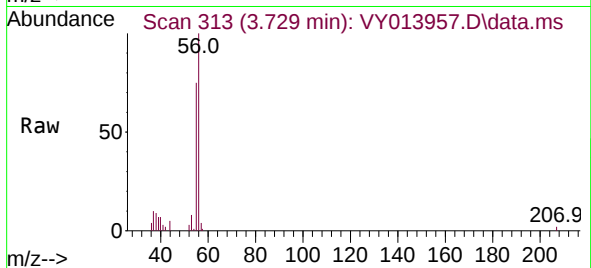
55 71.2 57.0 85.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#14

Allyl chloride

Concen: 9.812 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

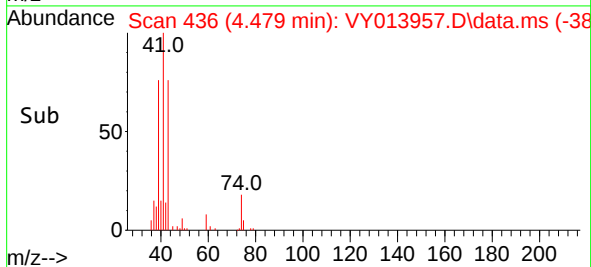
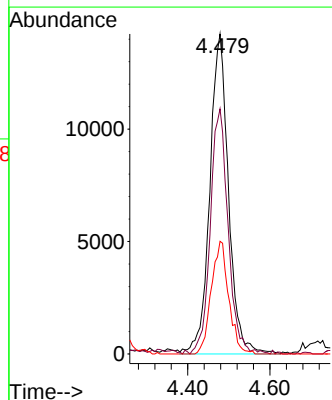
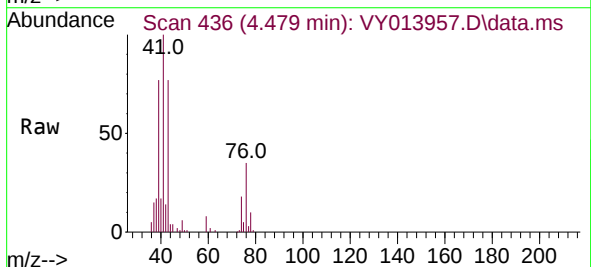
Tgt Ion: 41 Resp: 45008

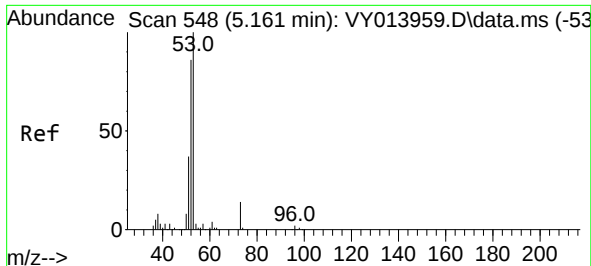
Ion Ratio Lower Upper

41 100

39 72.8 58.0 87.0

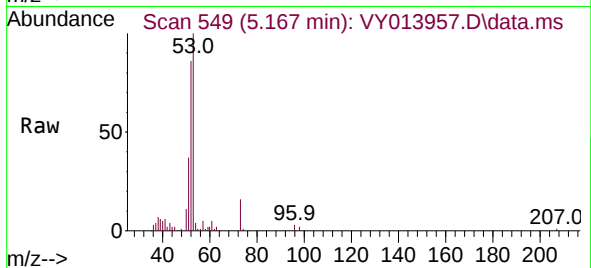
76 32.7 27.4 41.2





#15
Acrylonitrile
Concen: 46.846 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

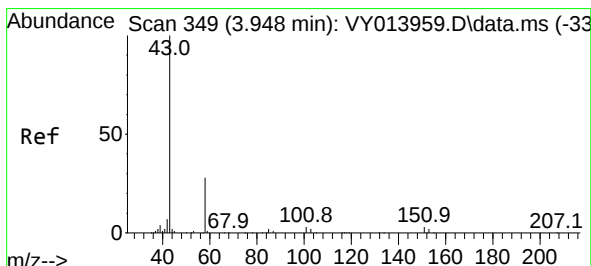
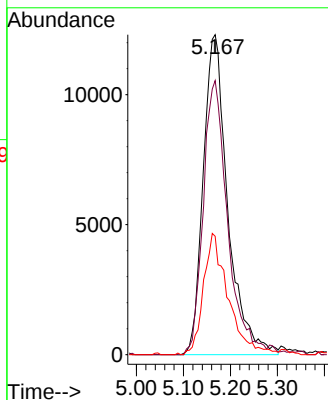
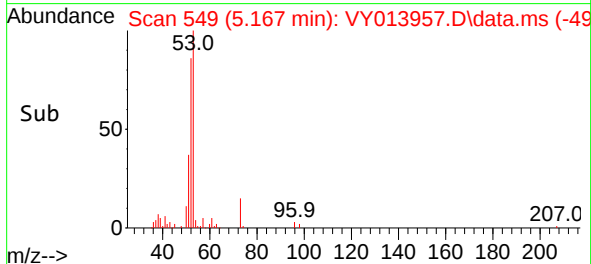
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 53 Resp: 44725
Ion Ratio Lower Upper
53 100
52 84.6 66.9 100.3
51 38.1 29.8 44.6

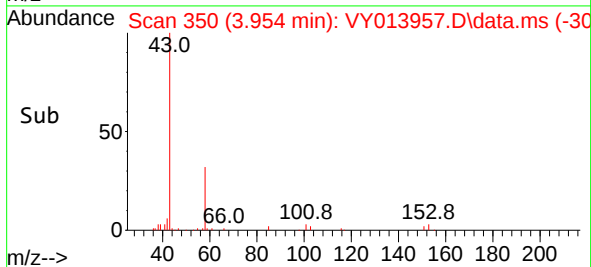
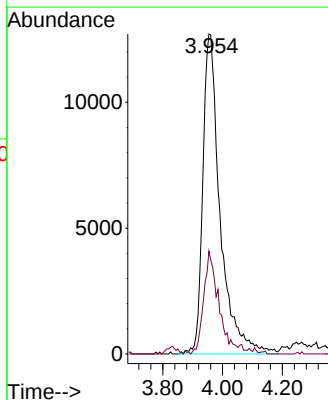
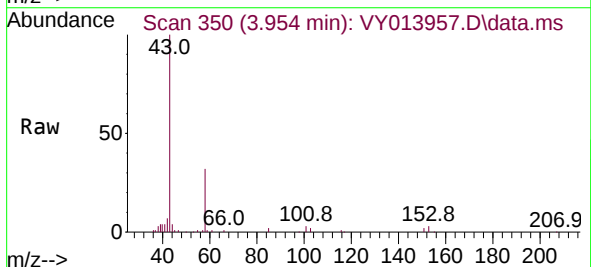
Manual Integrations
APPROVED

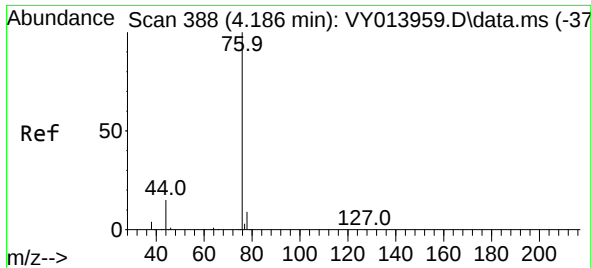
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#16
Acetone
Concen: 46.035 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 43 Resp: 51269
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1





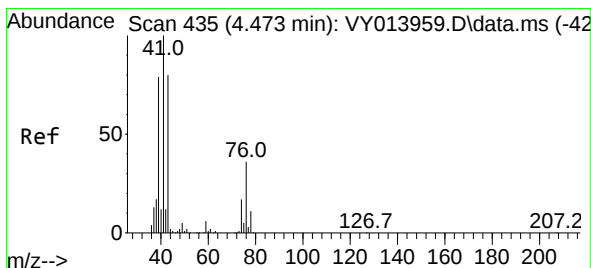
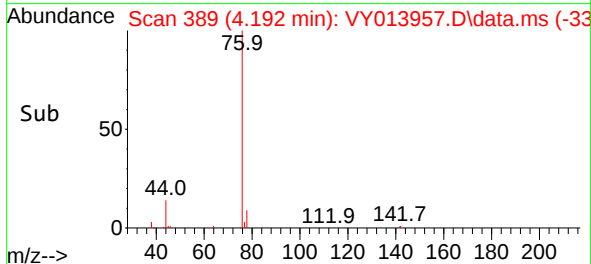
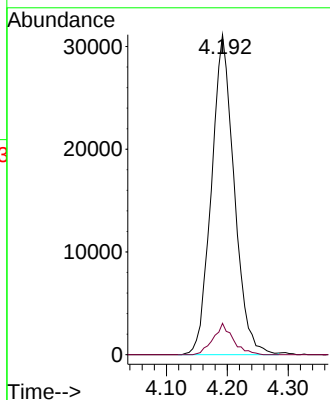
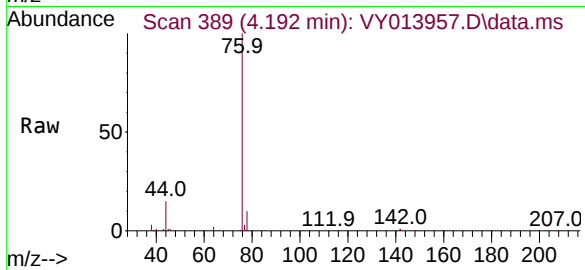
#17
Carbon Disulfide
Concen: 10.131 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 8097
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4

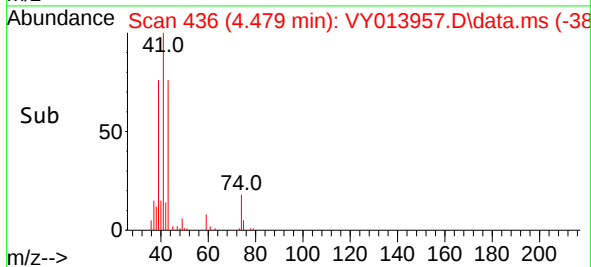
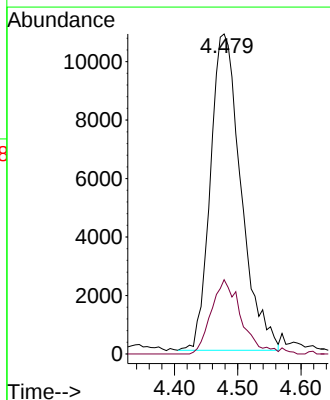
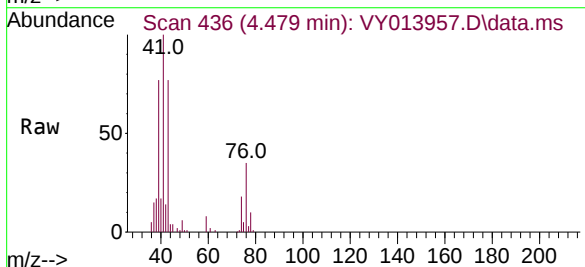
Manual Integrations
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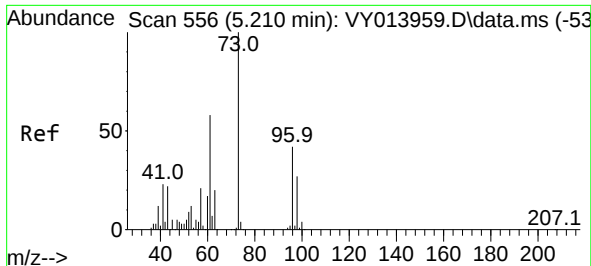
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#18
Methyl Acetate
Concen: 9.031 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 43 Resp: 36336
Ion Ratio Lower Upper
43 100
74 22.9 17.4 26.0





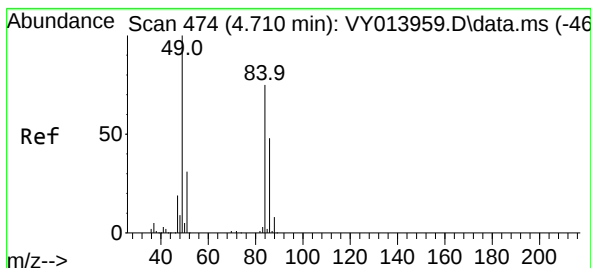
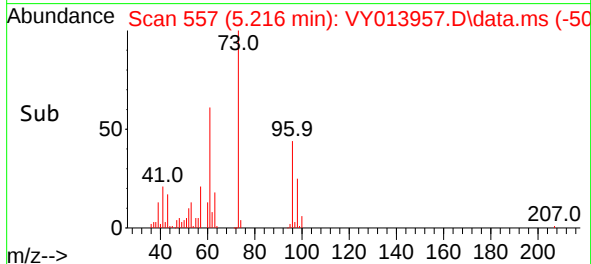
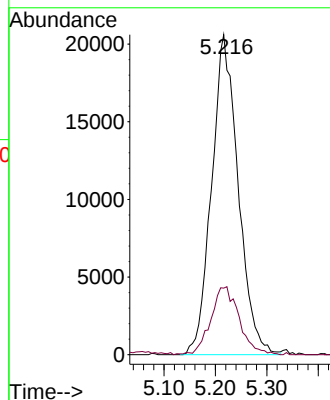
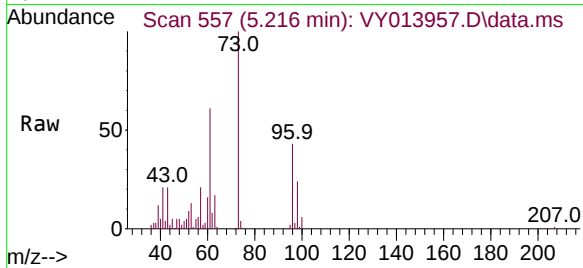
#19
Methyl tert-butyl Ether
Concen: 9.678 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 74010
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9

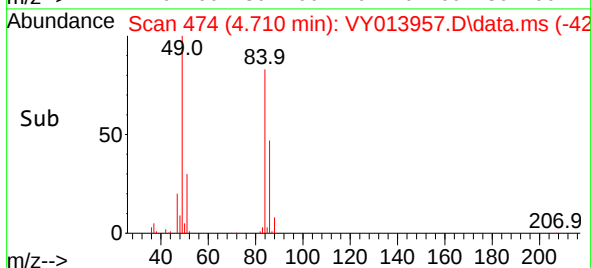
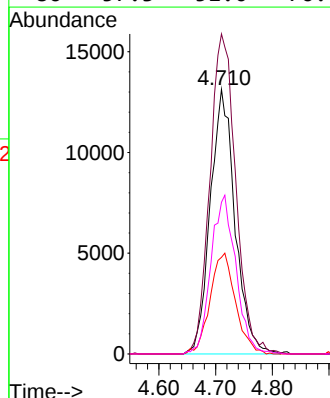
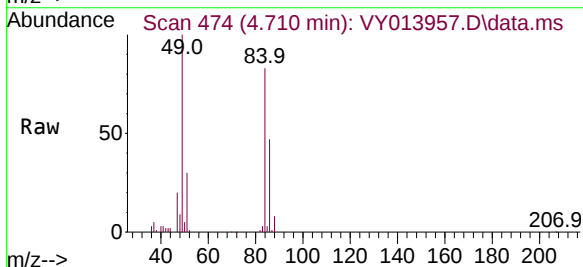
Manual Integrations
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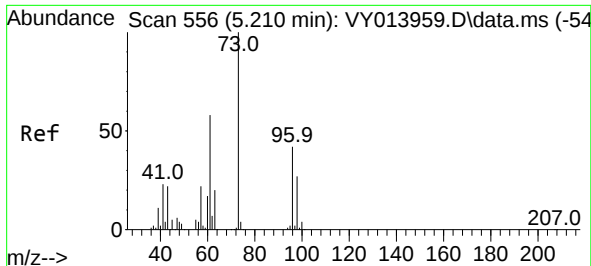
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#20
Methylene Chloride
Concen: 10.008 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

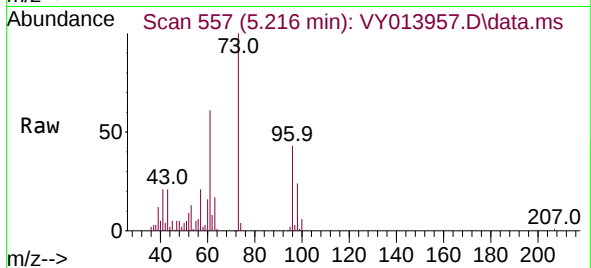
Tgt Ion: 84 Resp: 39772
Ion Ratio Lower Upper
84 100
49 121.0 106.9 160.3
51 36.5 33.2 49.8
86 57.3 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 10.153 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

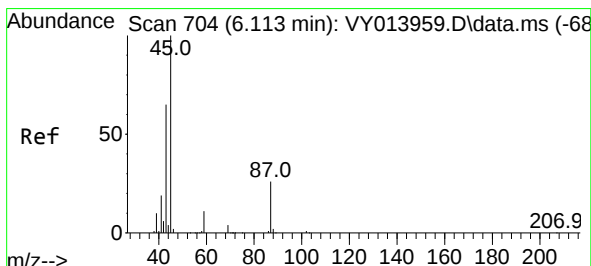
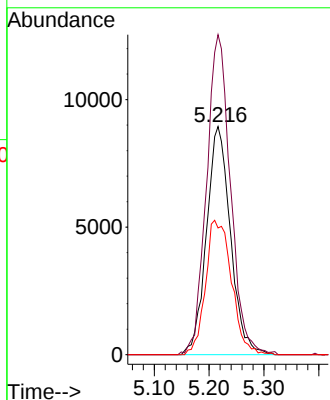
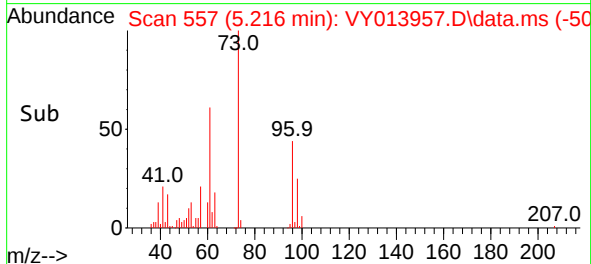
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



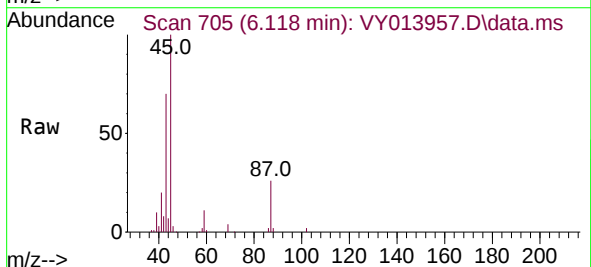
Tgt Ion: 96 Resp: 2718
Ion Ratio Lower Upper
96 100
61 140.3 110.2 165.4
98 55.6 51.8 77.6

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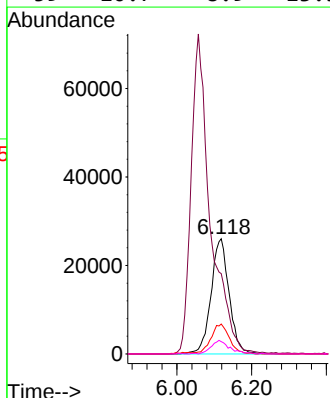
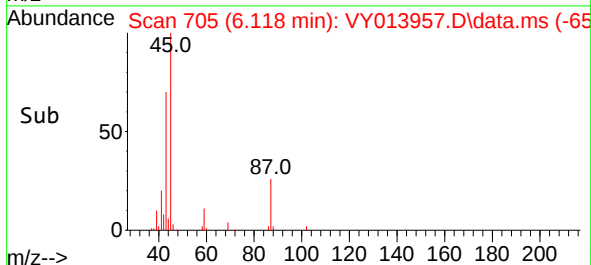
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

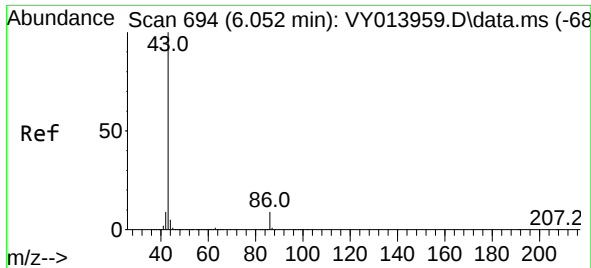


#22
Diisopropyl ether
Concen: 9.827 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28



Tgt Ion: 45 Resp: 87383
Ion Ratio Lower Upper
45 100
43 69.3 52.2 78.4
87 25.9 21.0 31.6
59 10.7 8.9 13.3





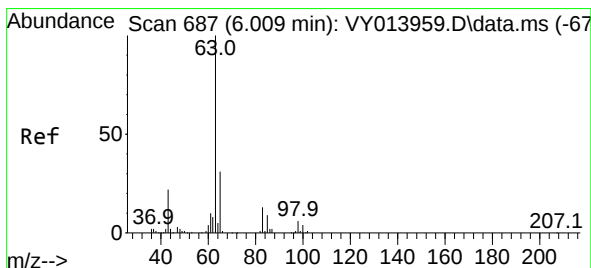
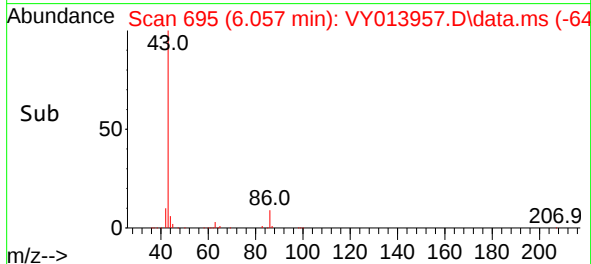
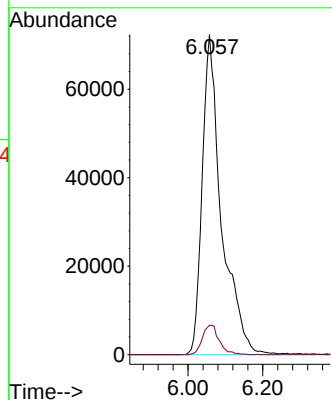
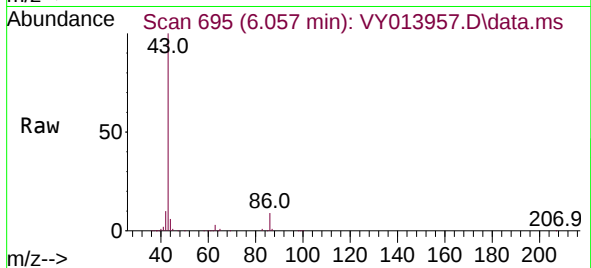
#23
 Vinyl Acetate
 Concen: 46.379 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 258662
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

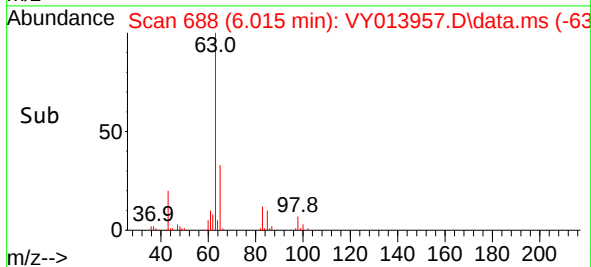
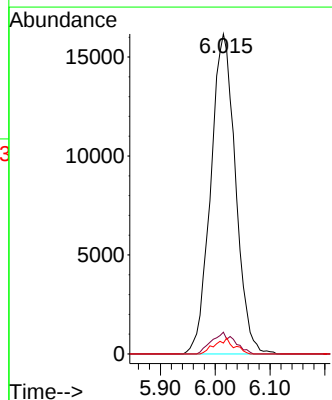
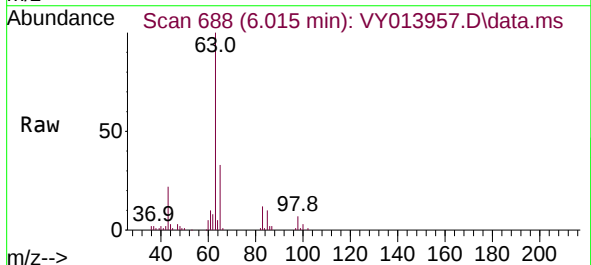
Manual Integrations
 APPROVED

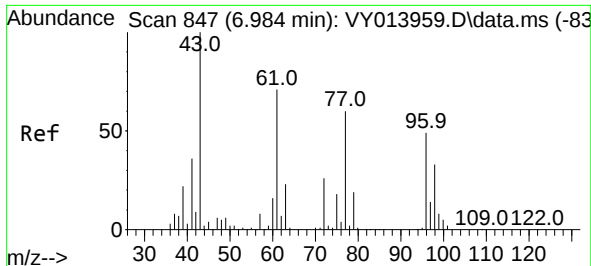
Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023



#24
 1,1-Dichloroethane
 Concen: 10.233 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

Tgt Ion: 63 Resp: 50786
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 3.4 1.8 5.5





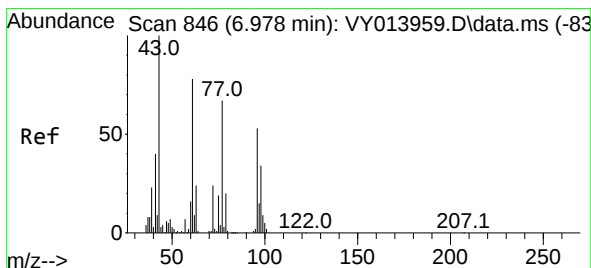
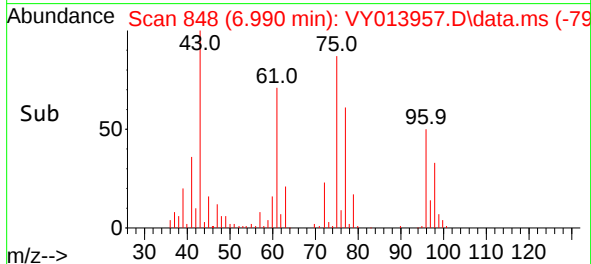
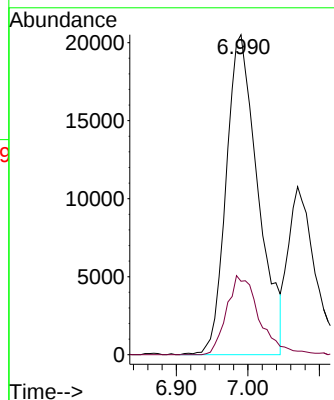
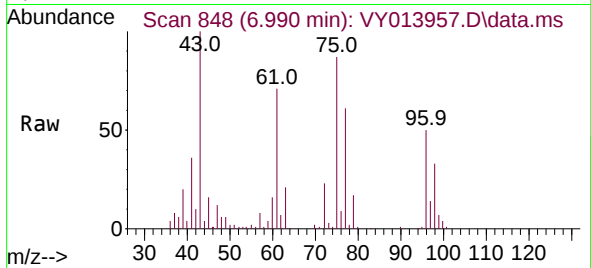
#25
2-Butanone
Concen: 45.650 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 63330
Ion Ratio Lower Upper
43 100
72 23.0 20.5 30.7

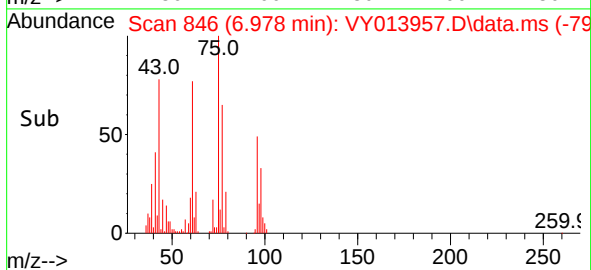
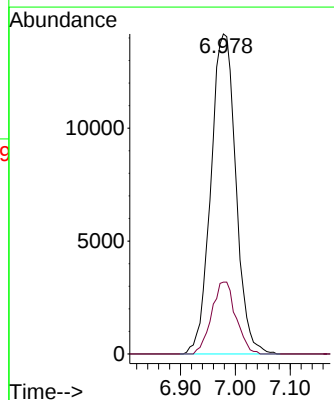
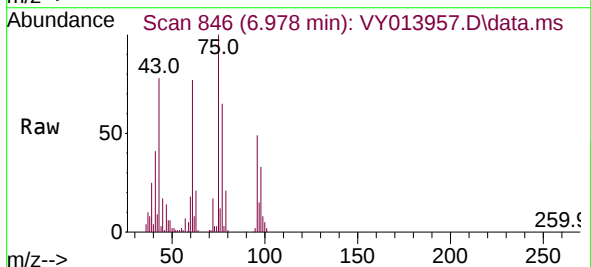
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 9.961 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 77 Resp: 44869
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 10.159 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

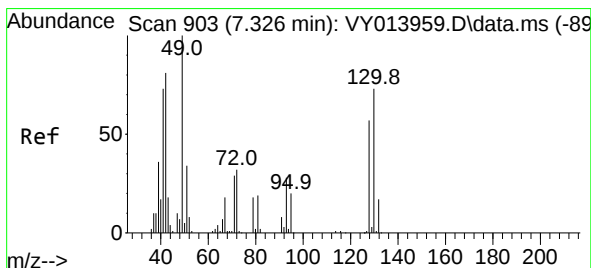
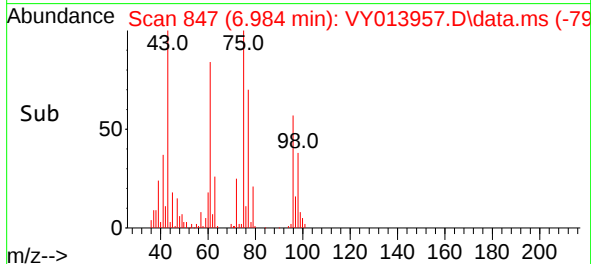
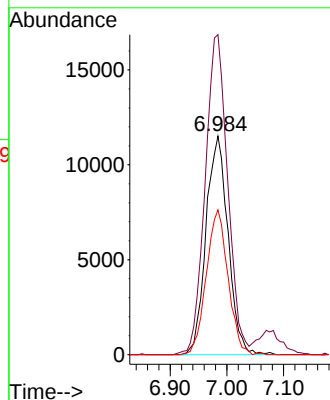
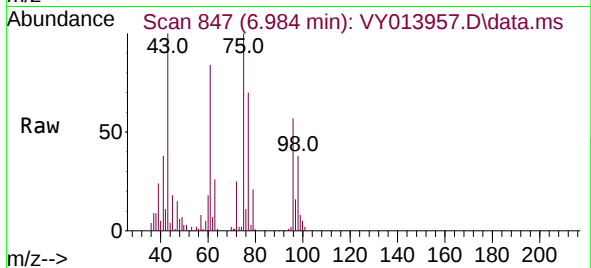
Tgt Ion:	96	Resp:	3114
Ion	Ratio	Lower	Upper
96	100		
61	149.4	0.0	301.4
98	65.1	0.0	130.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#28

Bromochloromethane

Concen: 10.576 ug/l

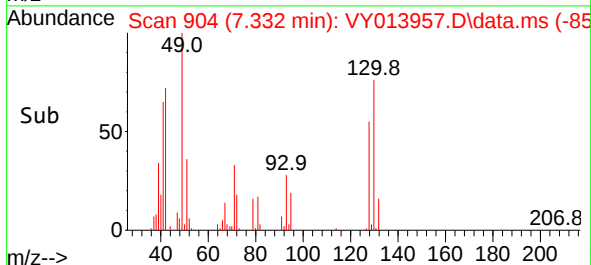
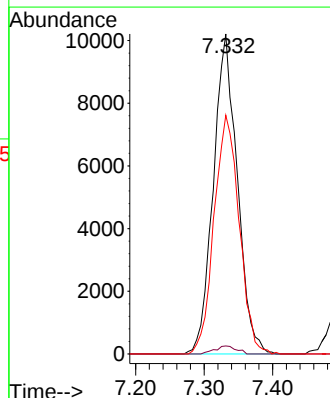
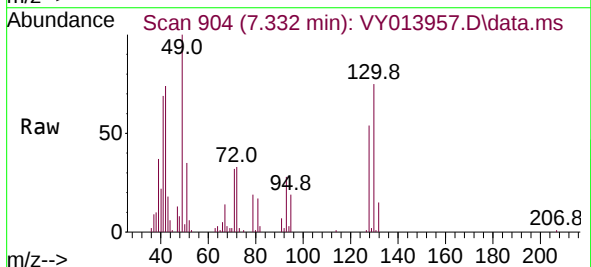
RT: 7.332 min Scan# 904

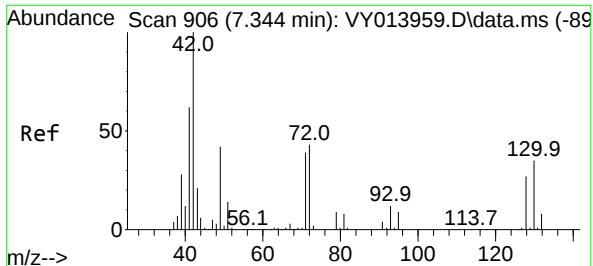
Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion:	49	Resp:	24790
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	78.2	60.7	91.1





#29

Tetrahydrofuran

Concen: 45.783 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 3950

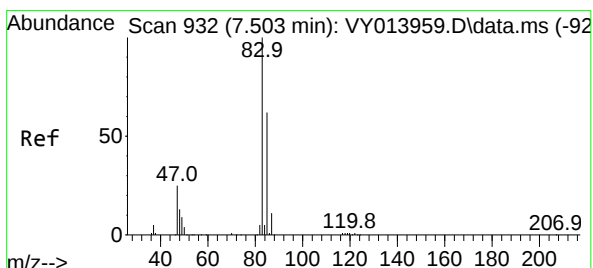
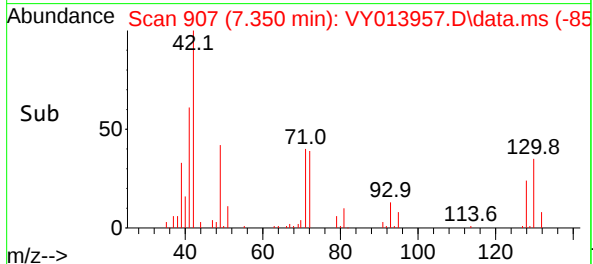
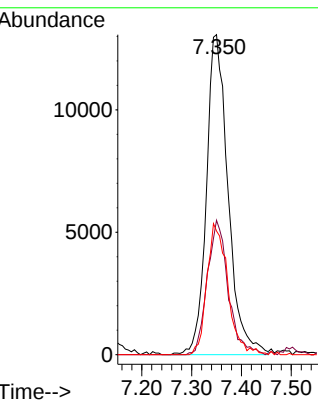
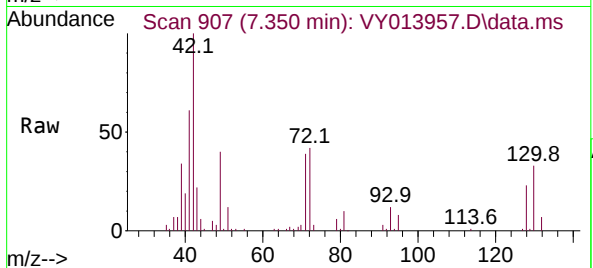
Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.8	49.2
71	39.5	31.0	46.4

Manual Integrations

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Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#30

Chloroform

Concen: 10.326 ug/l

RT: 7.502 min Scan# 932

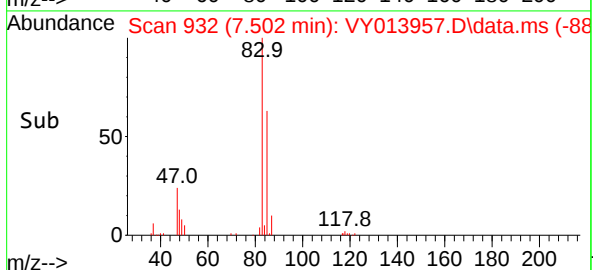
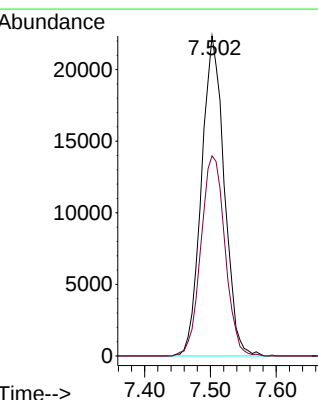
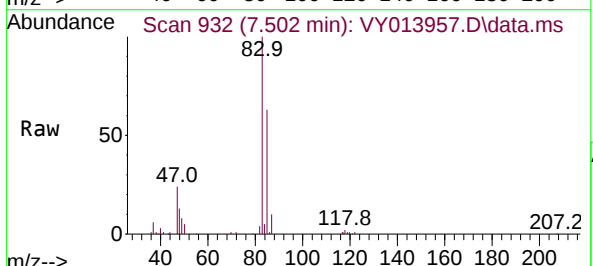
Delta R.T. -0.000 min

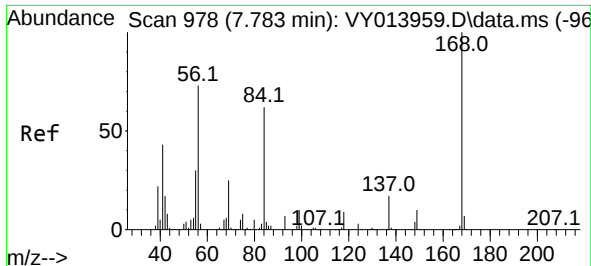
Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion: 83 Resp: 53811

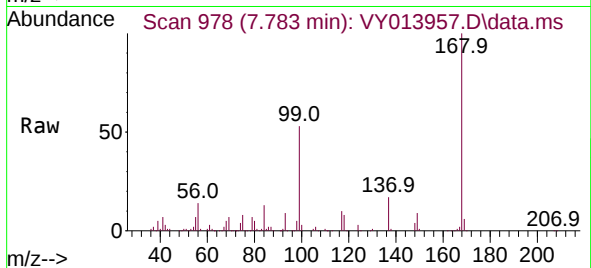
Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.7	74.5





#31
Cyclohexane
Concen: 9.626 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

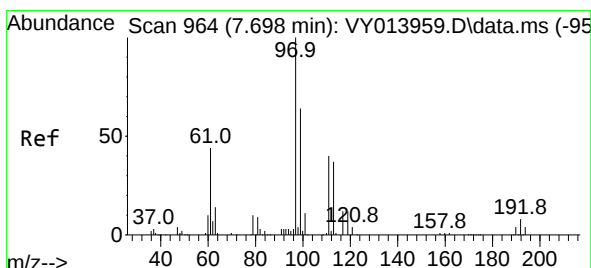
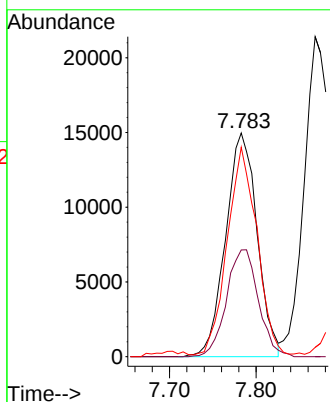
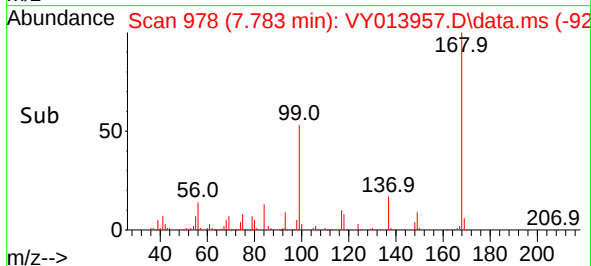
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



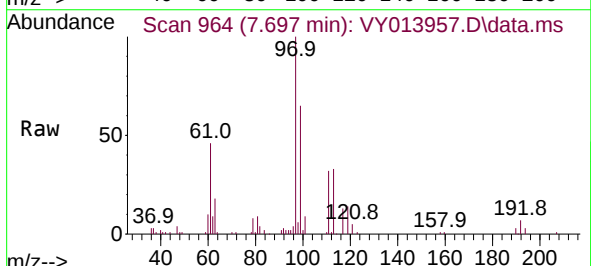
Tgt Ion: 56 Resp: 3773
Ion Ratio Lower Upper
56 100
69 47.7 27.8 41.6
84 92.4 66.4 99.6

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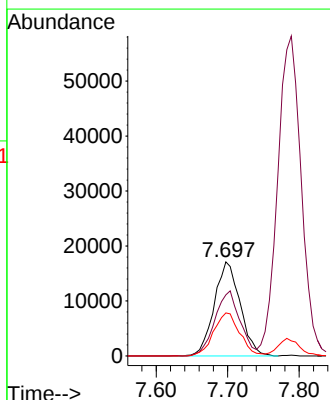
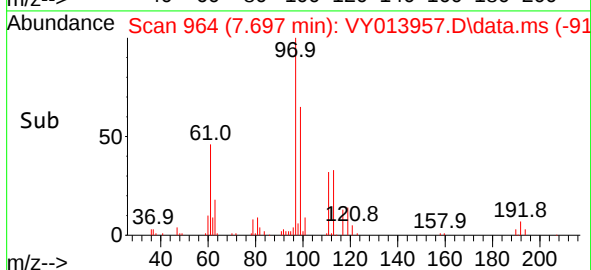
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

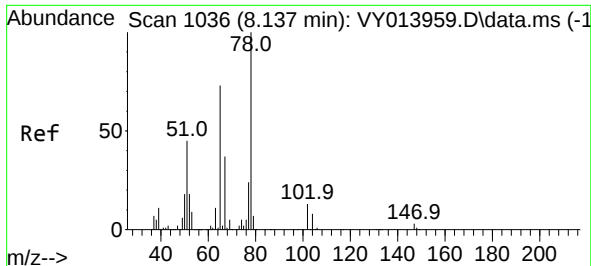


#32
1,1,1-Trichloroethane
Concen: 9.737 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28



Tgt Ion: 97 Resp: 43040
Ion Ratio Lower Upper
97 100
99 67.4 50.8 76.2
61 46.3 35.1 52.7





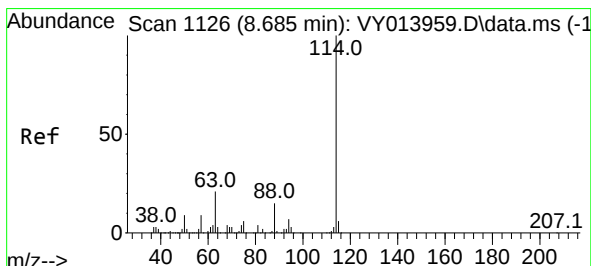
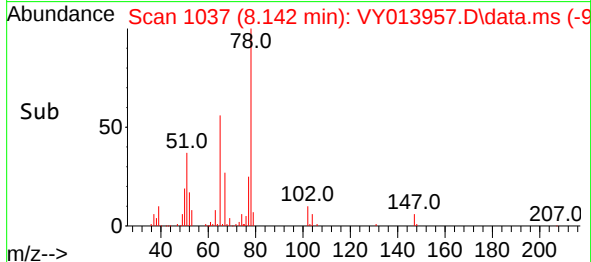
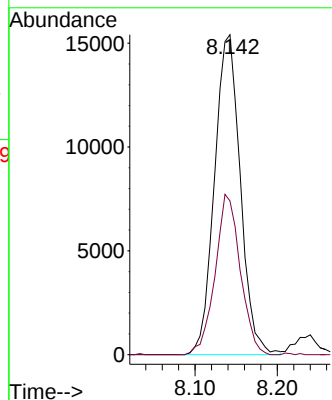
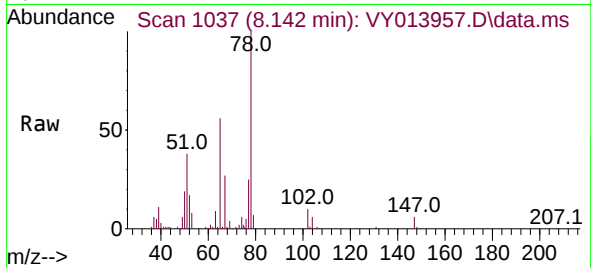
#33
 1,2-Dichloroethane-d4
 Concen: 10.333 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Tgt Ion: 65 Resp: 33634
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 101.8

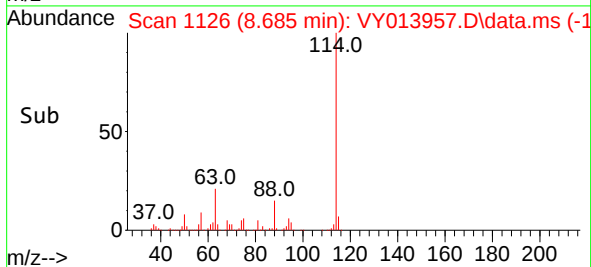
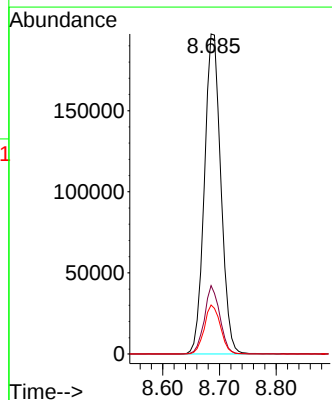
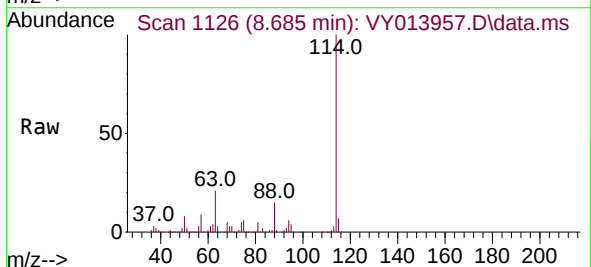
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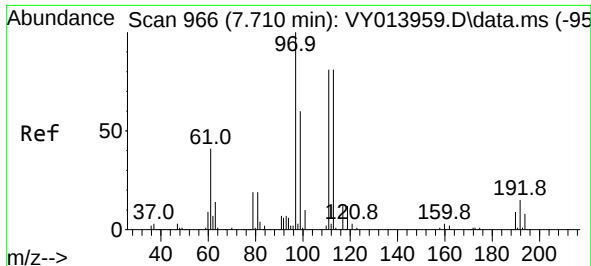
Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY013957.D
 Acq: 01 Jun 2023 11:28

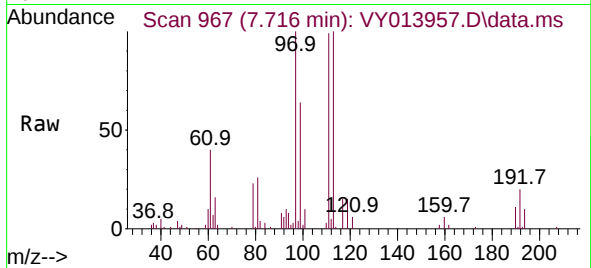
Tgt Ion:114 Resp: 397064
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 9.777 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

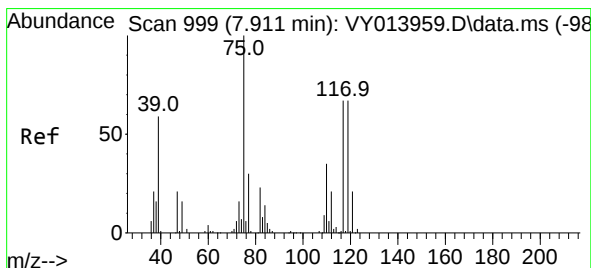
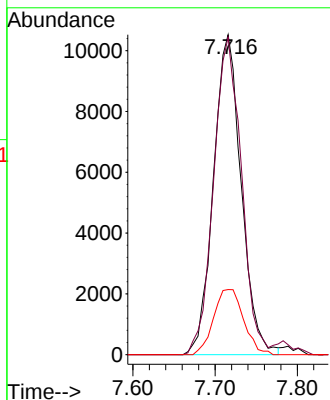
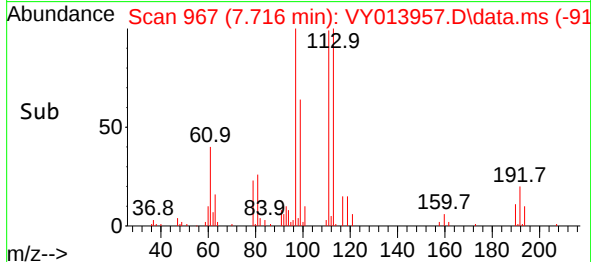
Instrument :
MSVOA_Y
Client Sample Id :
VSTDIC010



Tgt Ion: 113 Resp: 24670
Ion Ratio Lower Upper
113 100
111 99.4 81.3 121.9
192 22.0 16.9 25.3

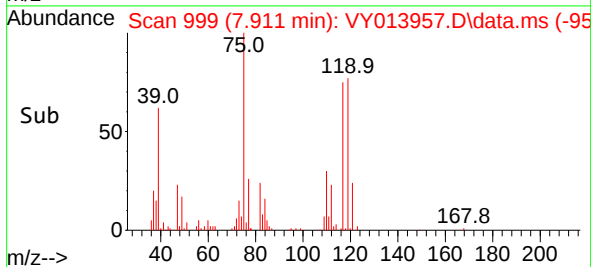
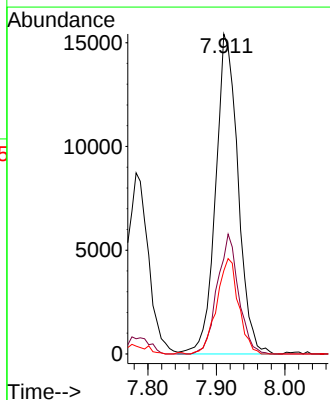
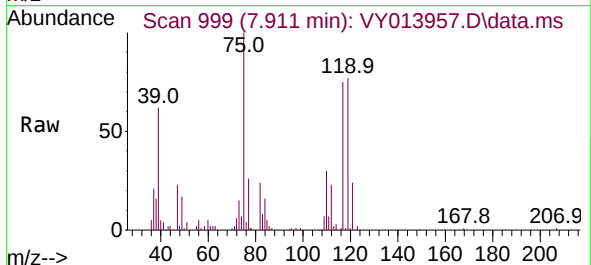
Manual Integrations
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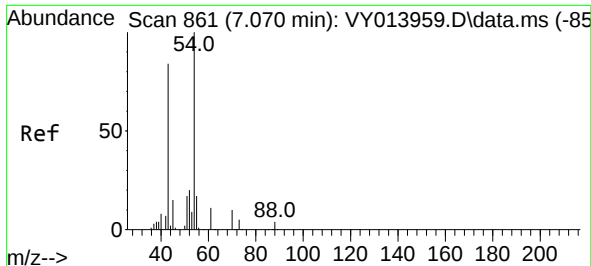
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#36
1,1-Dichloropropene
Concen: 9.725 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

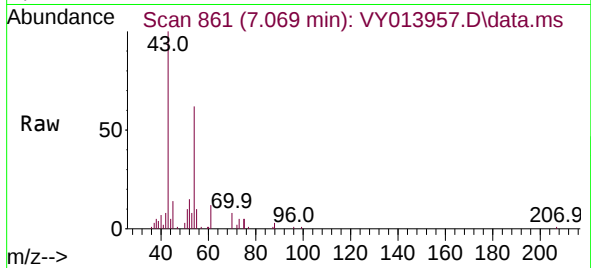
Tgt Ion: 75 Resp: 34962
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 29.1 24.4 36.6





#37
Ethyl Acetate
Concen: 9.148 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

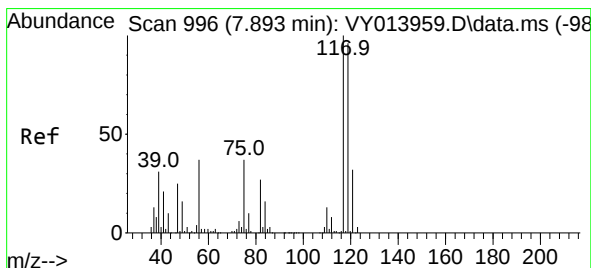
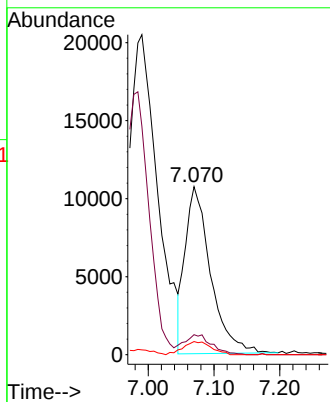
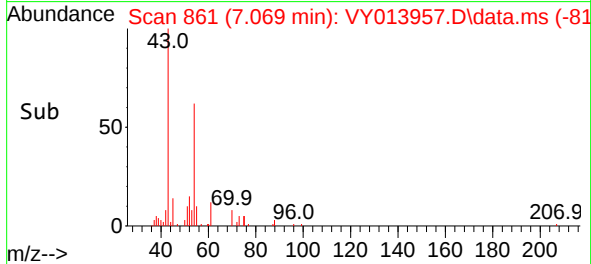
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 2867
Ion Ratio Lower Upper
43 100
61 13.2 10.1 15.1
70 8.6 7.1 10.7

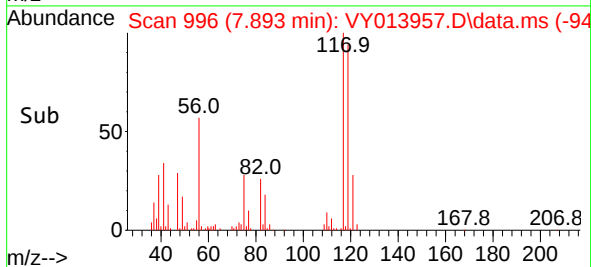
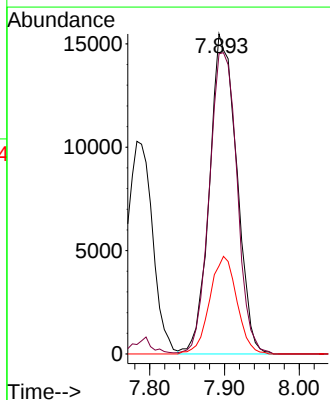
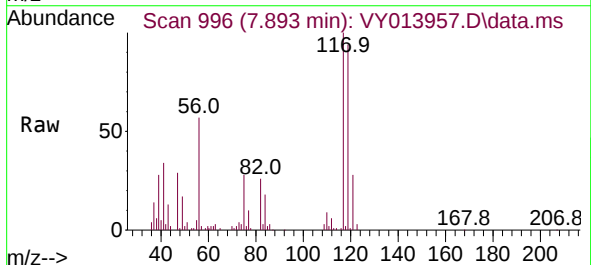
Manual Integrations
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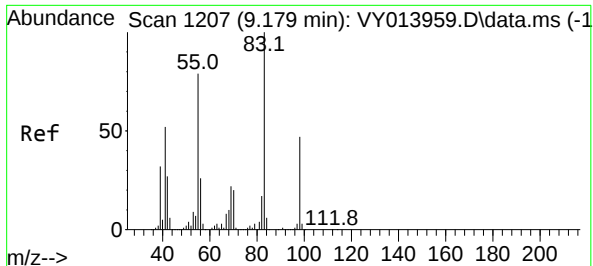
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#38
Carbon Tetrachloride
Concen: 9.720 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:117 Resp: 39157
Ion Ratio Lower Upper
117 100
119 93.8 76.4 114.6
121 27.5 25.8 38.6





#39

Methylcyclohexane

Concen: 8.773 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

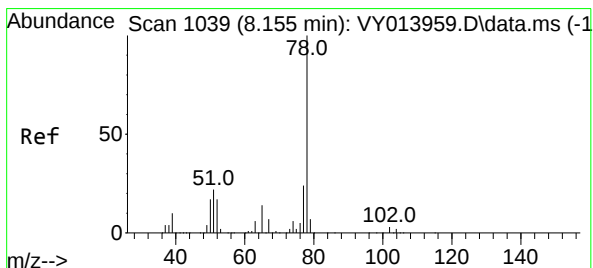
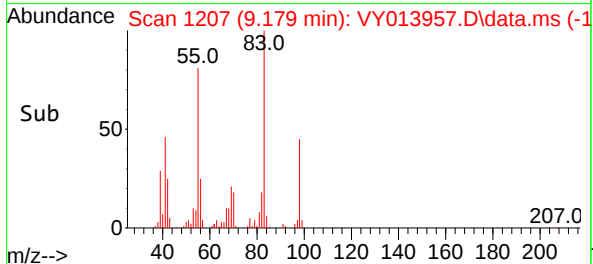
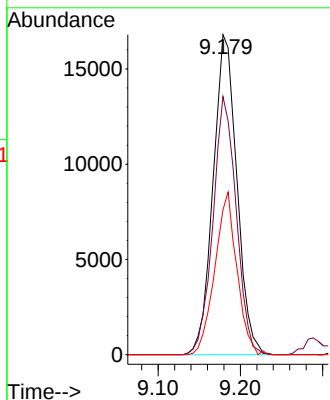
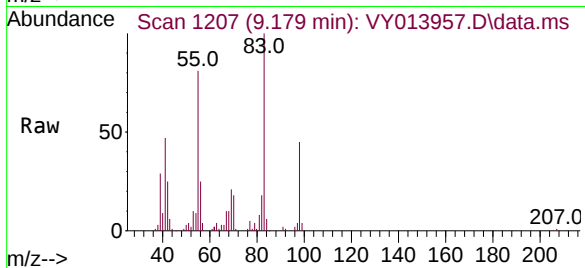
Tgt Ion:	83	Resp:	33672
Ion Ratio	Lower	Upper	
83	100		
55	80.6	63.0	94.4
98	45.3	37.4	56.2

Manual Integrations

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Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#40

Benzene

Concen: 10.090 ug/l

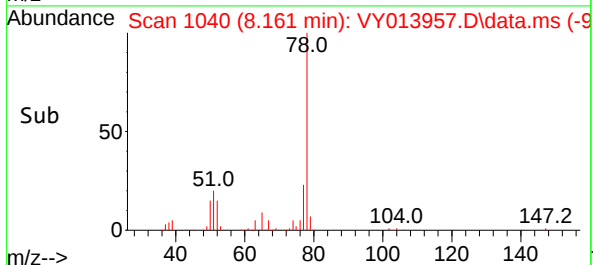
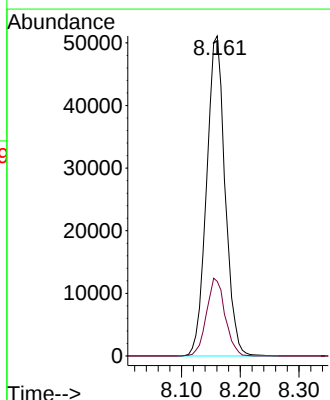
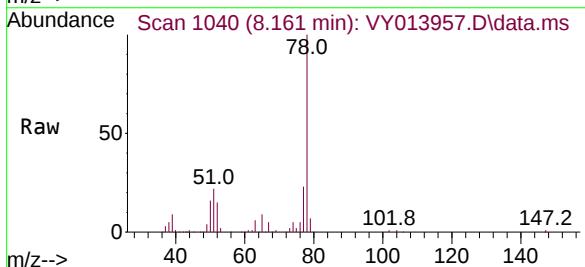
RT: 8.161 min Scan# 1040

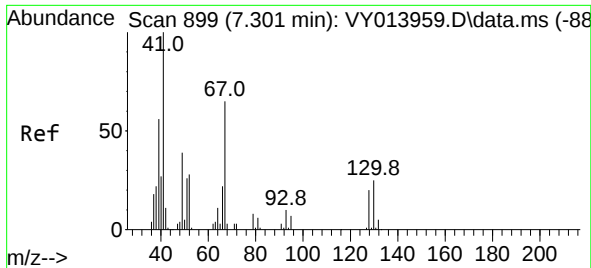
Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

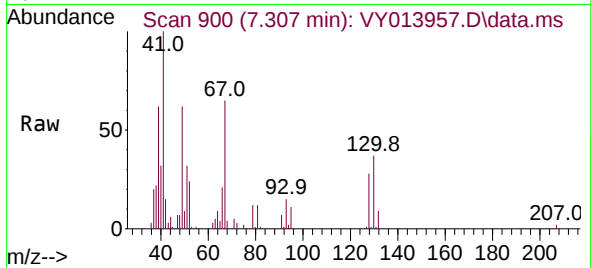
Tgt Ion:	78	Resp:	111901
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.0	28.6





#41
Methacrylonitrile
Concen: 10.481 ug/l m
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

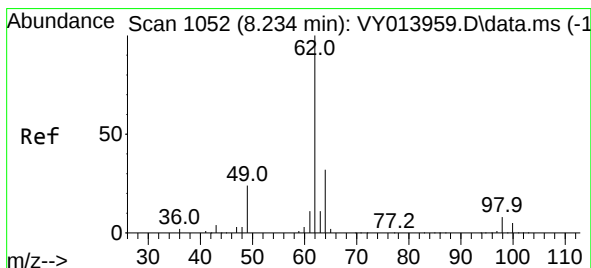
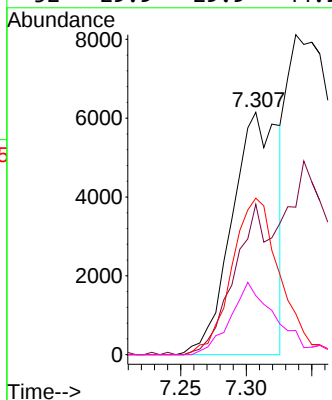
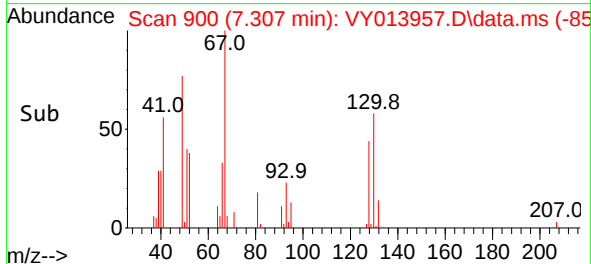
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion: 41 Resp: 15184
Ion Ratio Lower Upper
41 100
39 40.3 52.1 78.1
67 67.9 66.2 99.2
52 29.9 29.9 44.9

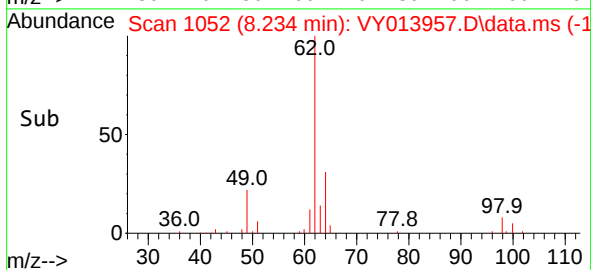
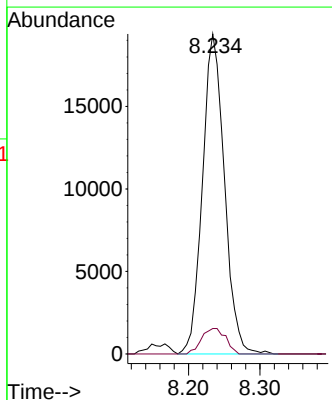
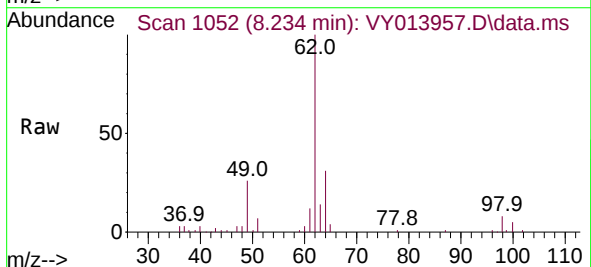
Manual Integrations
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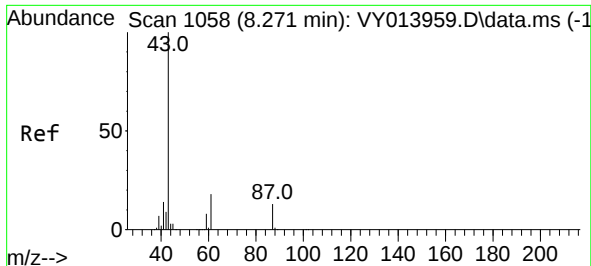
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#42
1,2-Dichloroethane
Concen: 10.164 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 62 Resp: 41334
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.8





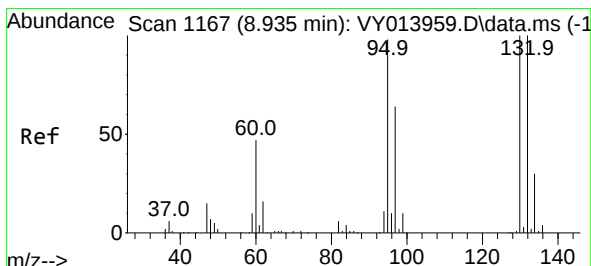
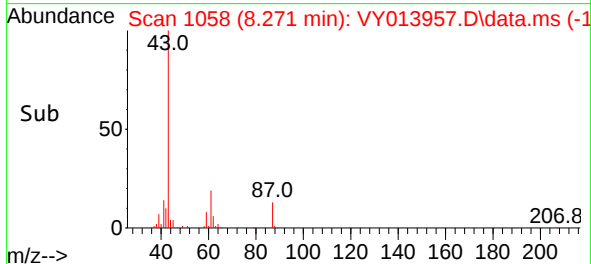
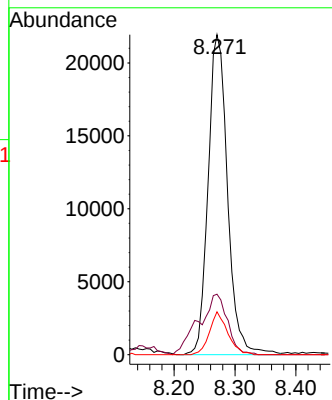
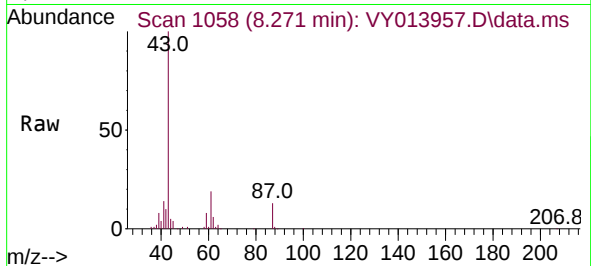
#43
Isopropyl Acetate
Concen: 9.206 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 4858
Ion Ratio Lower Upper
43 100
61 27.8 21.1 31.7
87 12.6 9.8 14.8

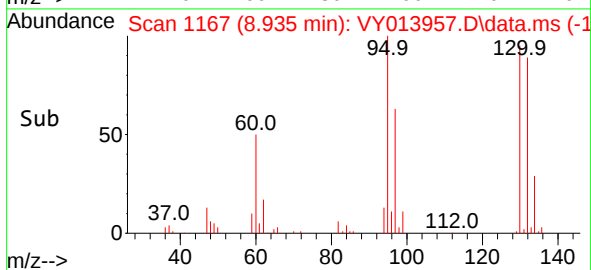
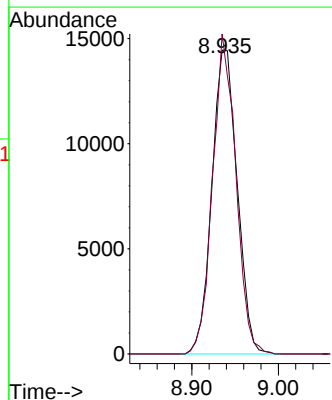
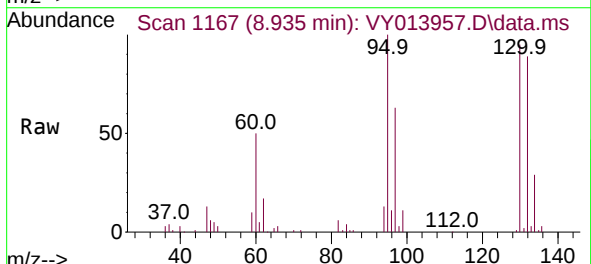
Manual Integrations
APPROVED

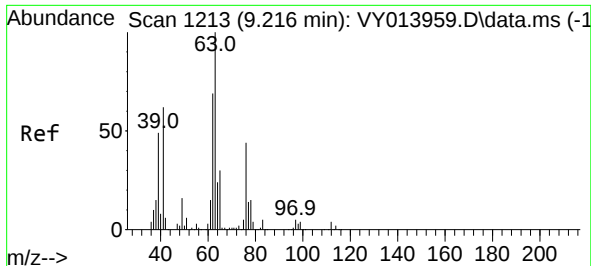
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#44
Trichloroethene
Concen: 10.118 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:130 Resp: 29384
Ion Ratio Lower Upper
130 100
95 105.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 9.907 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 63 Resp: 2835

Ion Ratio Lower Upper

63 100

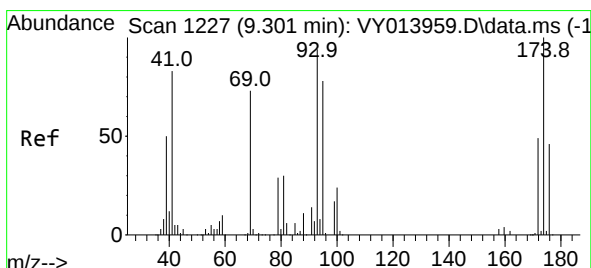
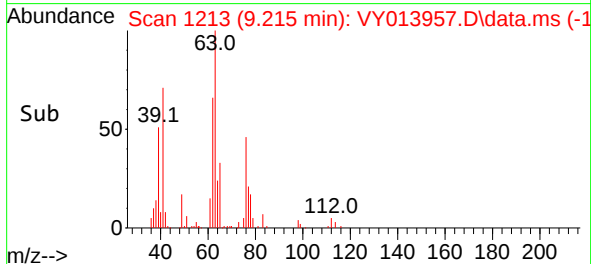
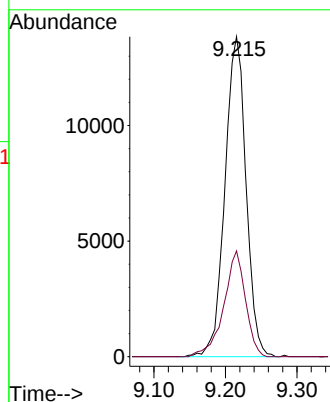
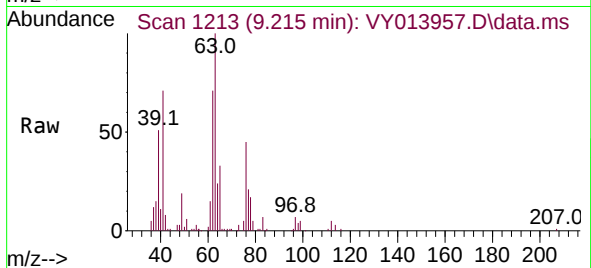
65 33.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#46

Dibromomethane

Concen: 9.979 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

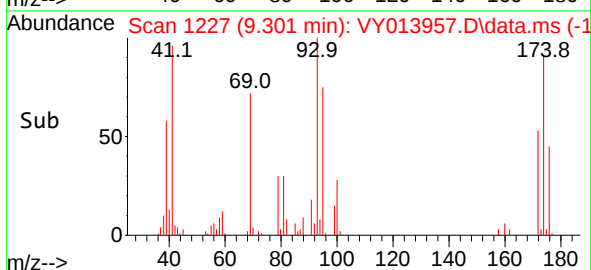
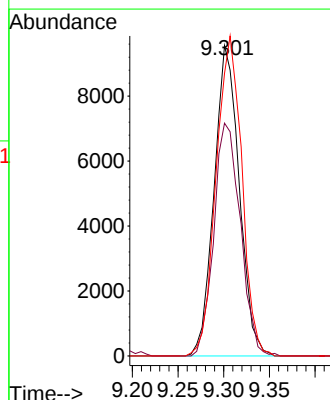
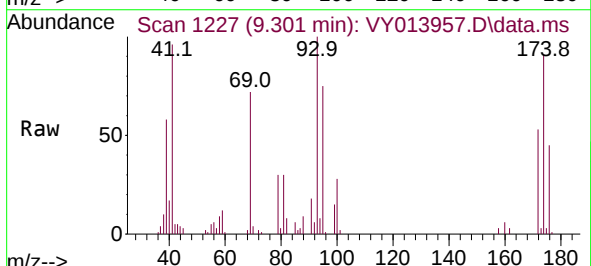
Tgt Ion: 93 Resp: 18284

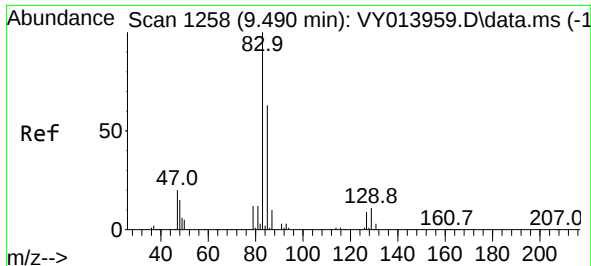
Ion Ratio Lower Upper

93 100

95 79.0 66.6 100.0

174 105.3 84.8 127.2





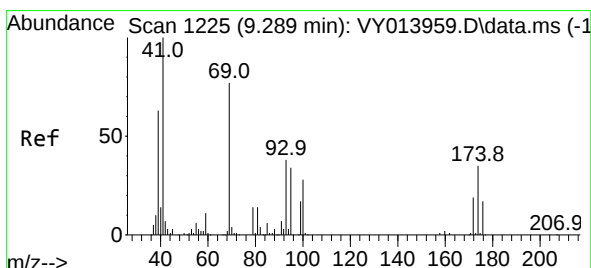
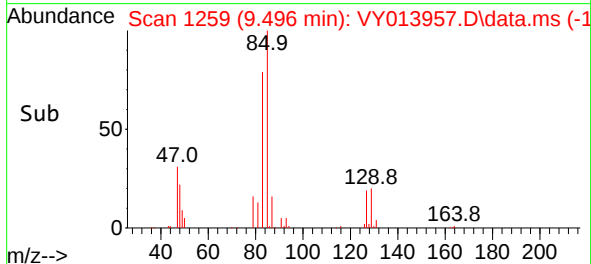
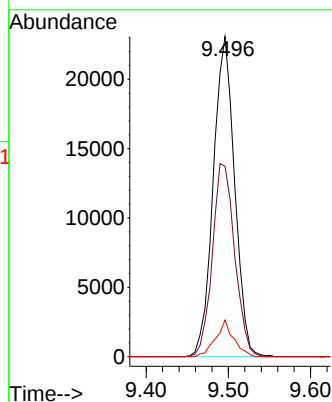
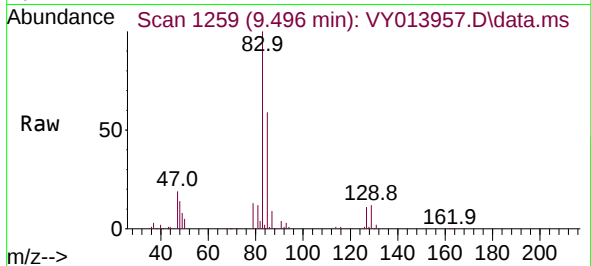
#47
Bromodichloromethane
Concen: 10.082 ug/l
RT: 9.496 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 4161
Ion Ratio Lower Upper
83 100
85 59.5 50.1 75.1
127 11.5 7.1 10.7

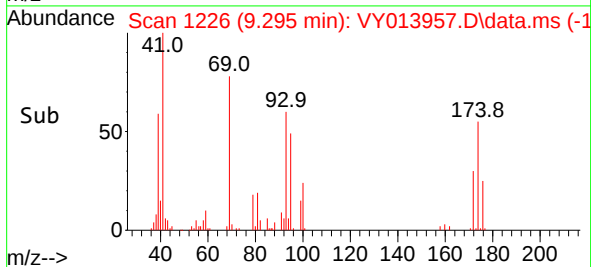
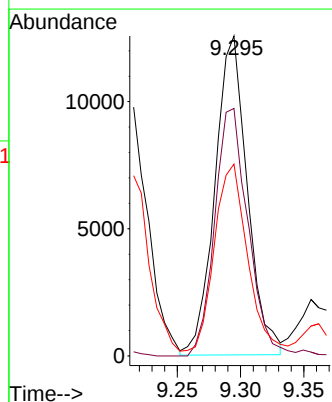
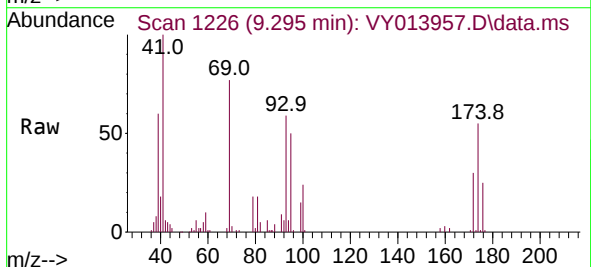
Manual Integrations
APPROVED

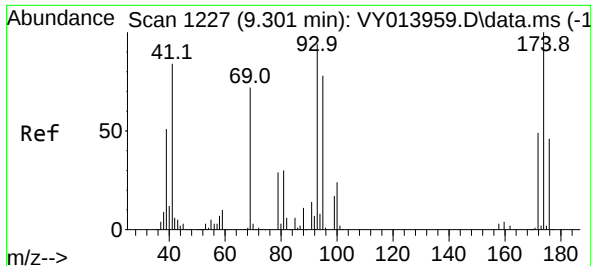
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#48
Methyl methacrylate
Concen: 9.288 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 41 Resp: 22312
Ion Ratio Lower Upper
41 100
69 80.6 64.5 96.7
39 63.6 50.8 76.2





#49

1,4-Dioxane

Concen: 176.995 ug/l m

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 4710

Ion Ratio Lower Upper

88 100

43 24.7 0.0 0.0

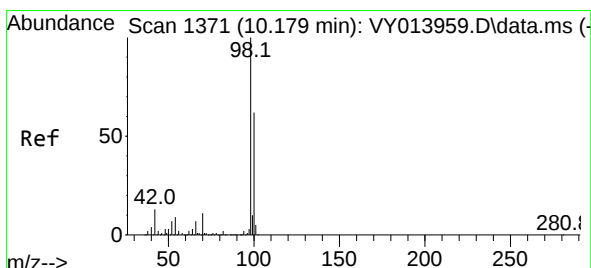
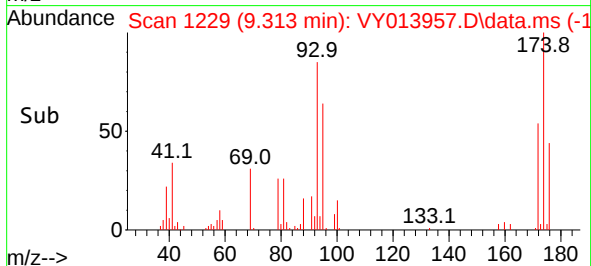
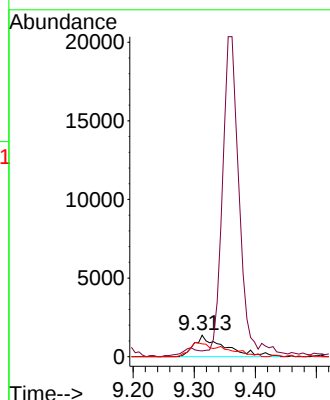
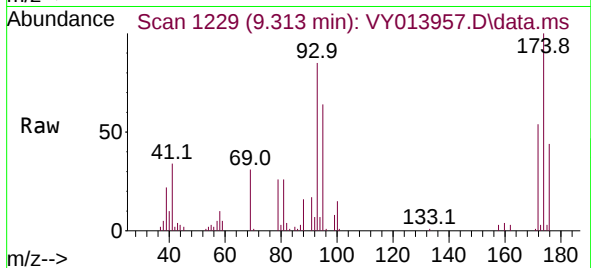
58 43.5 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#50

Toluene-d8

Concen: 9.992 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013957.D

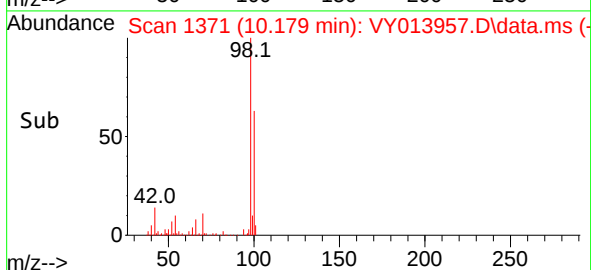
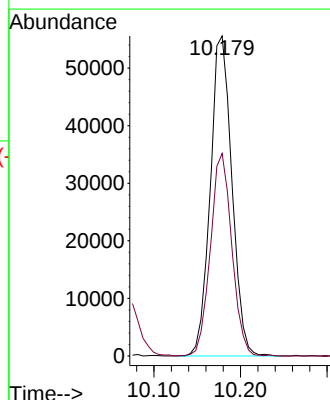
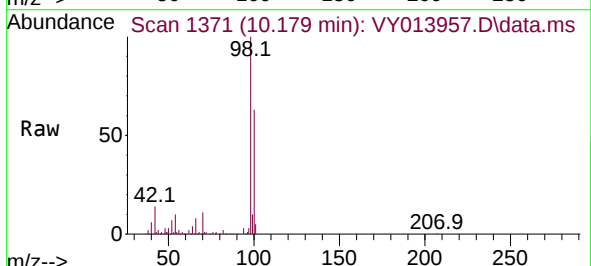
Acq: 01 Jun 2023 11:28

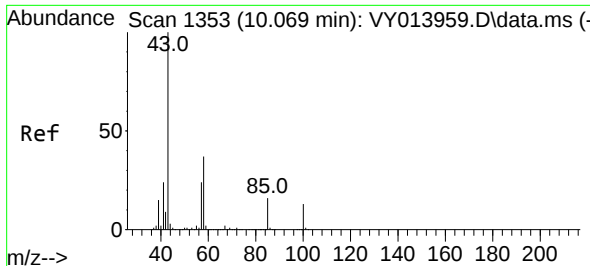
Tgt Ion: 98 Resp: 96174

Ion Ratio Lower Upper

98 100

100 62.8 50.1 75.1





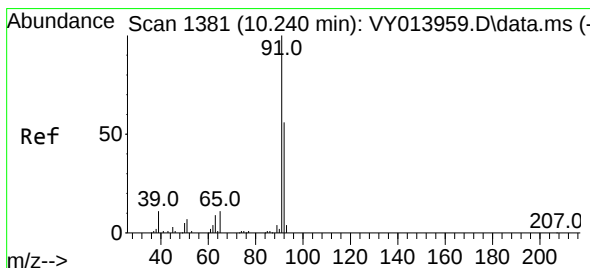
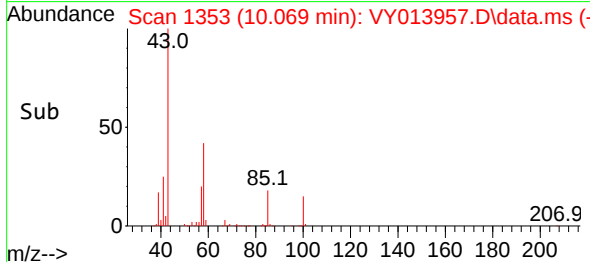
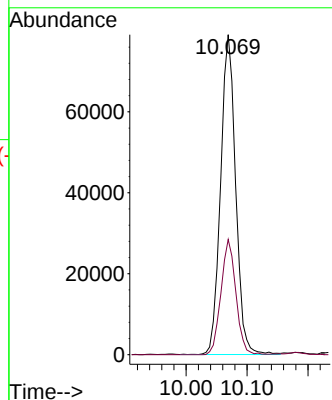
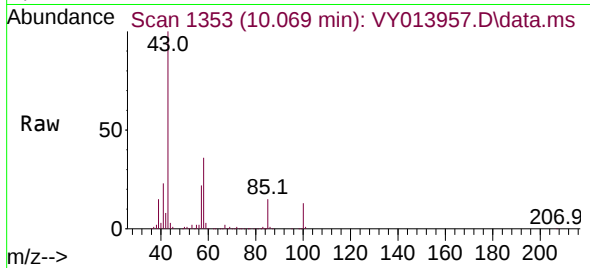
#51
4-Methyl-2-Pentanone
Concen: 45.560 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 13581
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.6

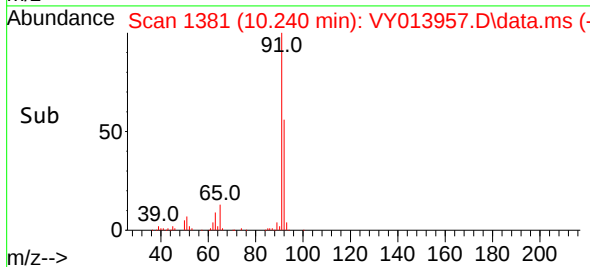
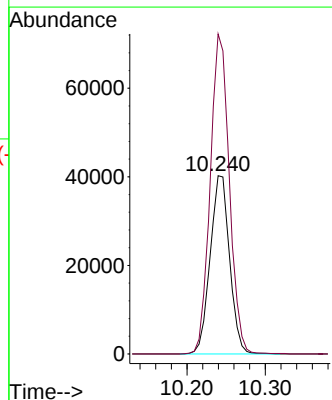
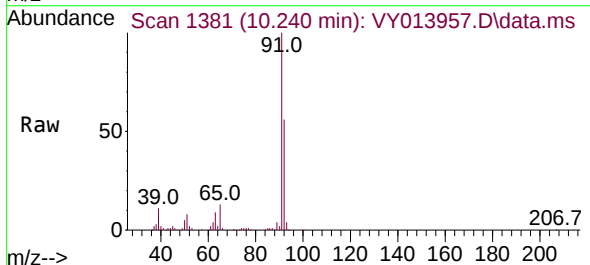
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APPROVED

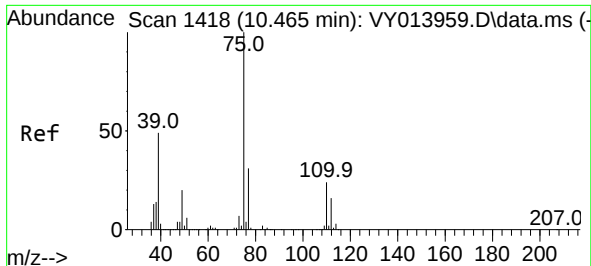
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#52
Toluene
Concen: 10.194 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 92 Resp: 69259
Ion Ratio Lower Upper
92 100
91 176.9 143.8 215.6





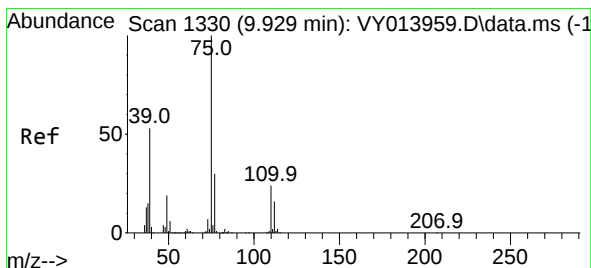
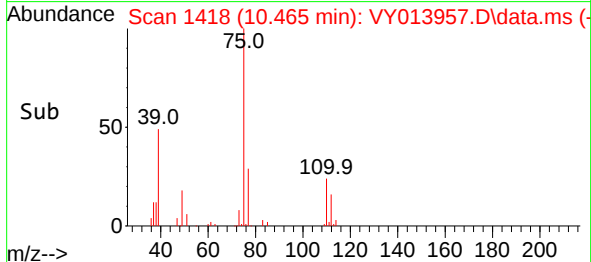
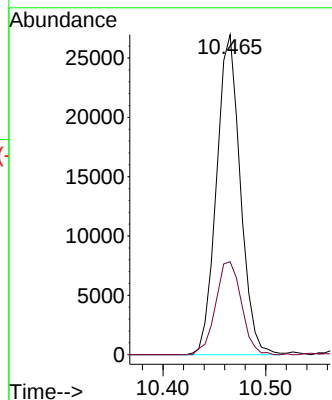
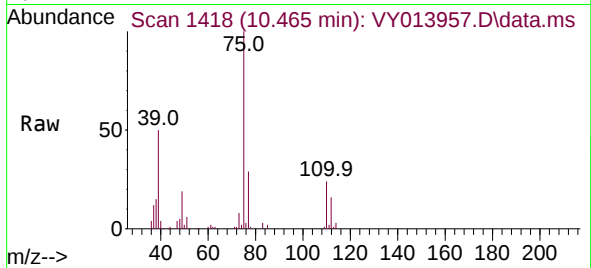
#53
t-1,3-Dichloropropene
Concen: 9.784 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument : MSVOA_Y
ClientSampleId : VSTDIC010

Tgt Ion: 75 Resp: 43379
Ion Ratio Lower Upper
75 100
77 29.1 25.0 37.4

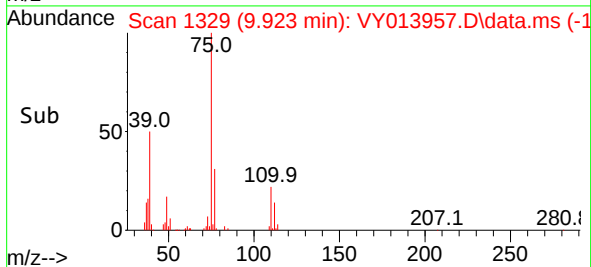
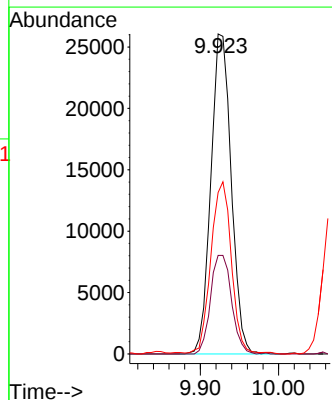
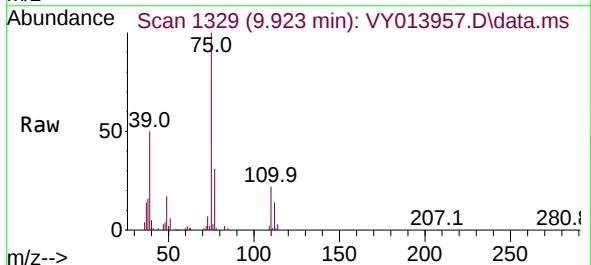
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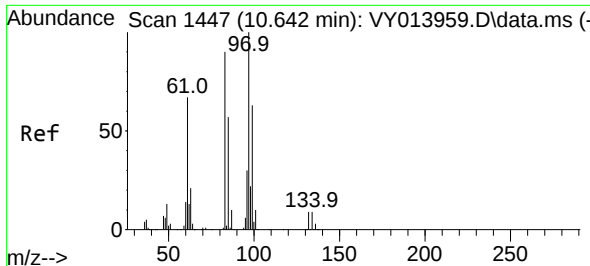
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#54
cis-1,3-Dichloropropene
Concen: 9.942 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

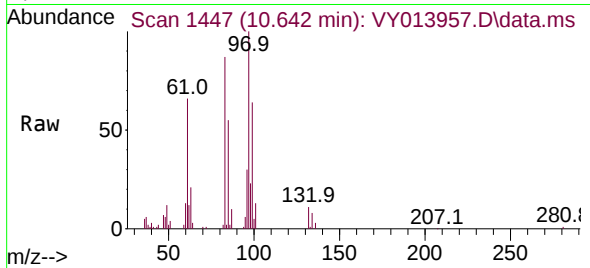
Tgt Ion: 75 Resp: 47062
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4
39 50.4 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 9.915 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

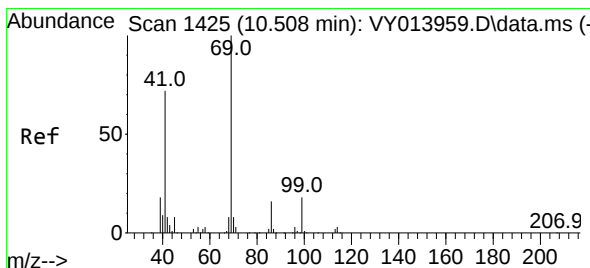
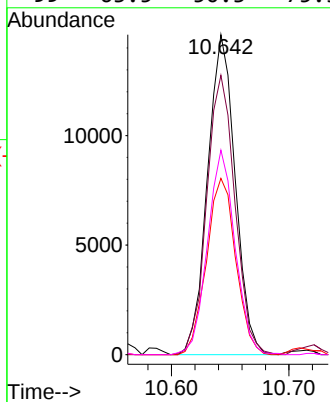
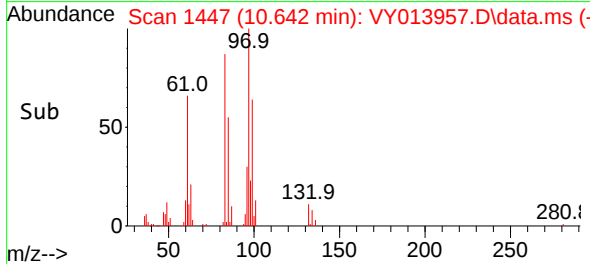
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	72.0	108.0
85	55.1	45.4	68.0
99	63.5	50.3	75.5

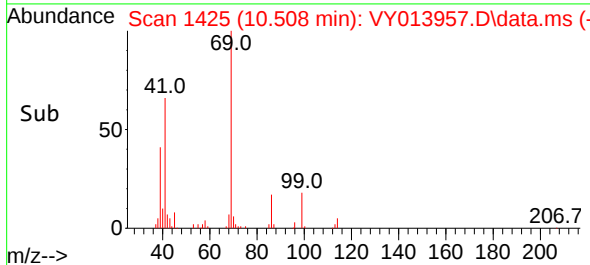
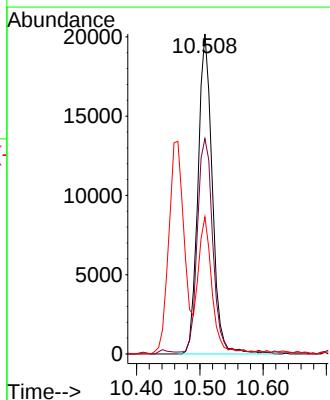
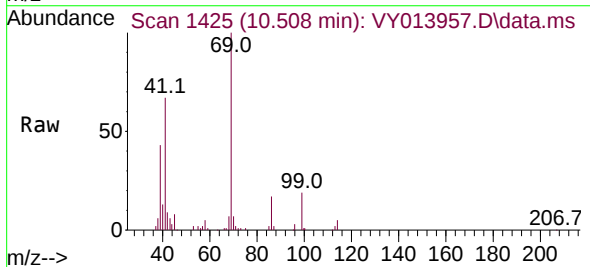
Manual Integrations
APPROVED

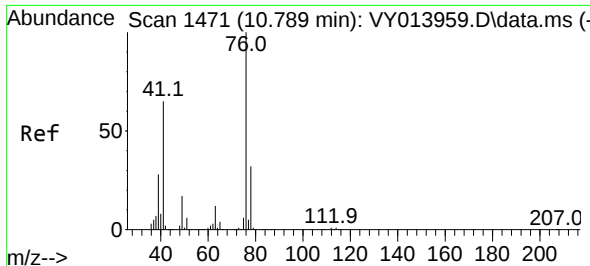
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#56
Ethyl methacrylate
Concen: 9.217 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.5	57.6	86.4
39	38.7	34.1	51.1





#57

1,3-Dichloropropane

Concen: 9.777 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion: 76 Resp: 4035

Ion Ratio Lower Upper

76 100

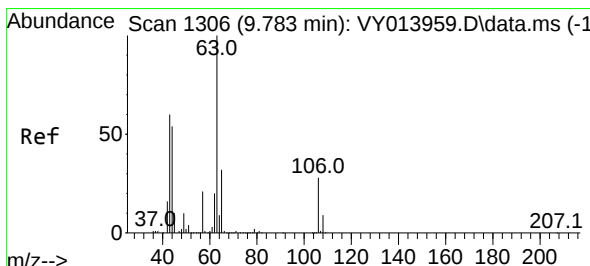
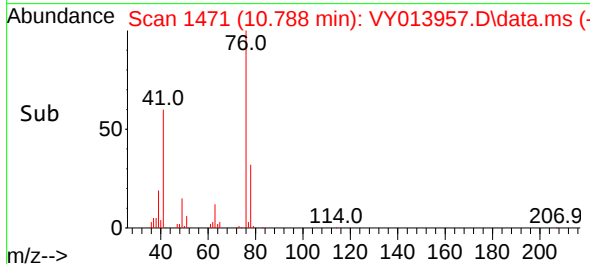
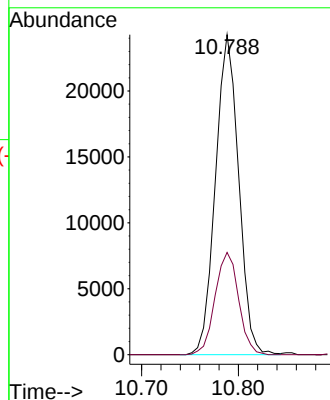
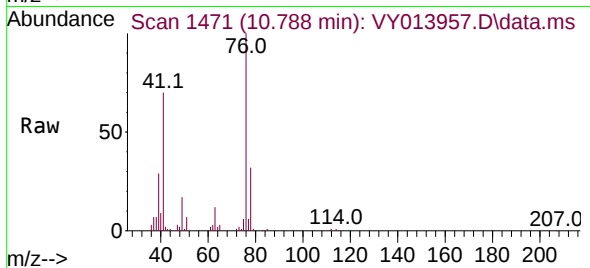
78 32.4 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#58

2-Chloroethyl Vinyl ether

Concen: 49.207 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY013957.D

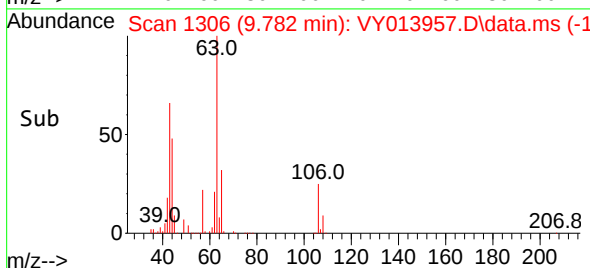
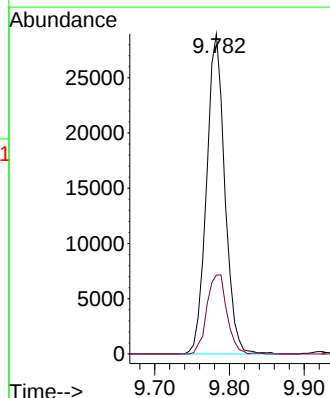
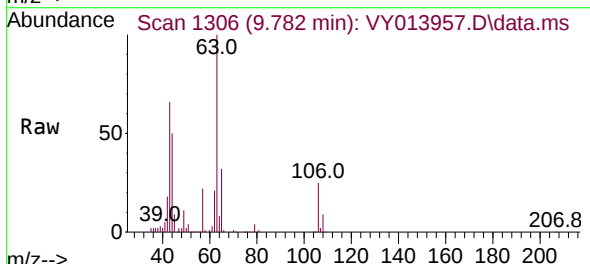
Acq: 01 Jun 2023 11:28

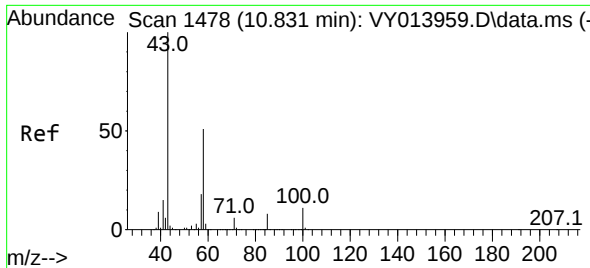
Tgt Ion: 63 Resp: 49075

Ion Ratio Lower Upper

63 100

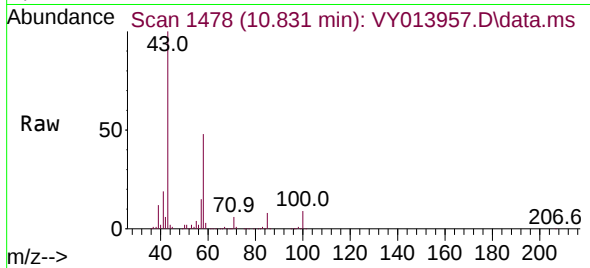
106 27.2 21.2 31.8





#59
2-Hexanone
Concen: 44.312 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

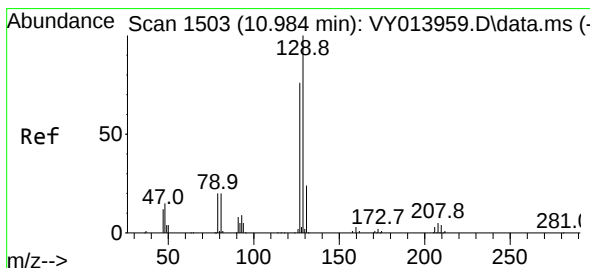
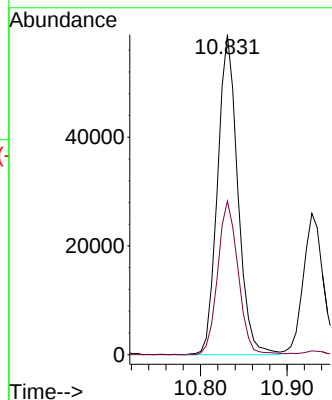
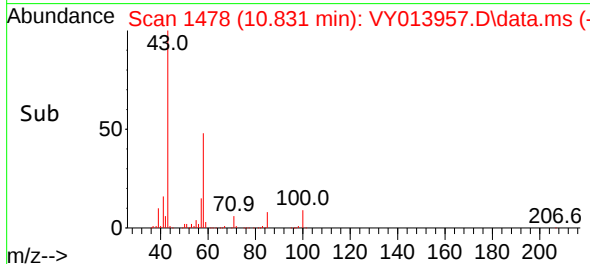
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



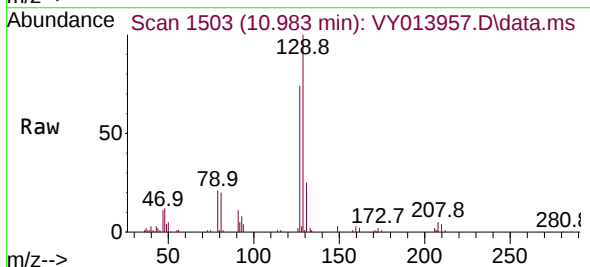
Tgt Ion: 43 Resp: 95649
Ion Ratio Lower Upper
43 100
58 48.4 25.1 75.3

Manual Integrations
APPROVED

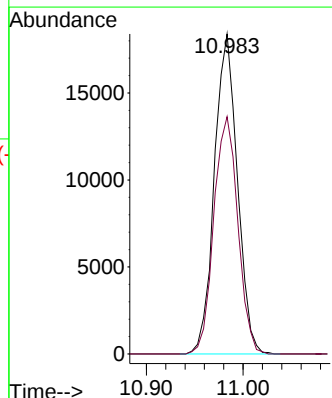
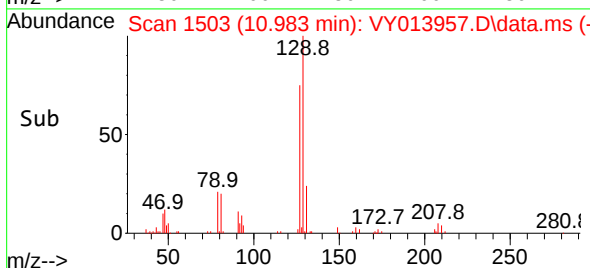
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

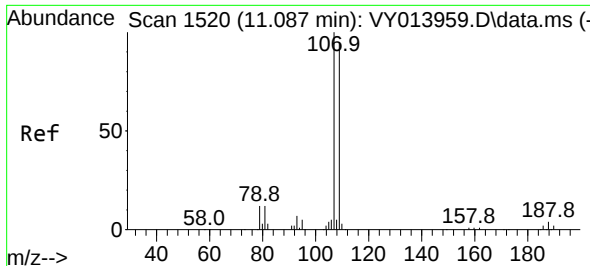


#60
Dibromochloromethane
Concen: 9.945 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28



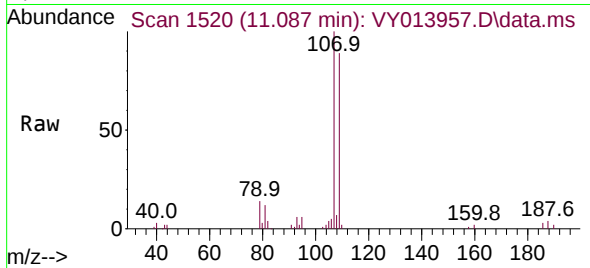
Tgt Ion:129 Resp: 30361
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 9.937 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

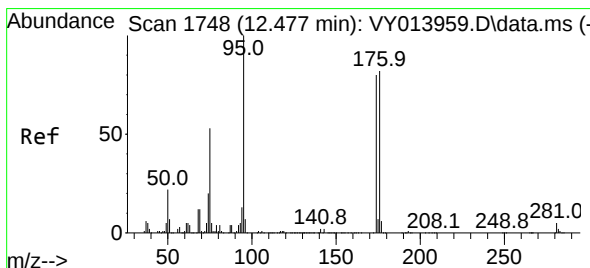
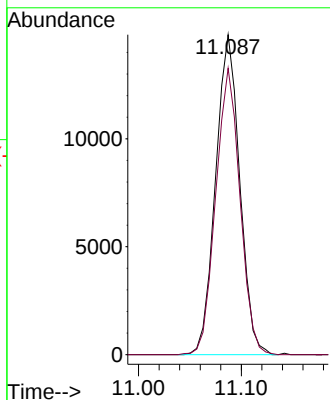
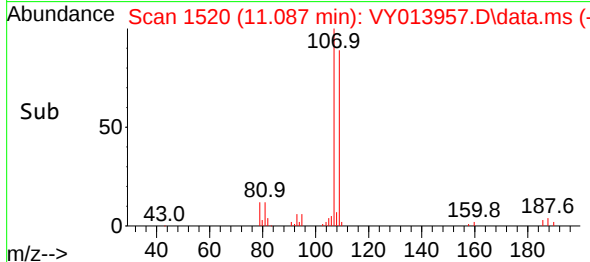
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



Tgt Ion:107 Resp: 24110
Ion Ratio Lower Upper
107 100
109 90.0 75.6 113.4

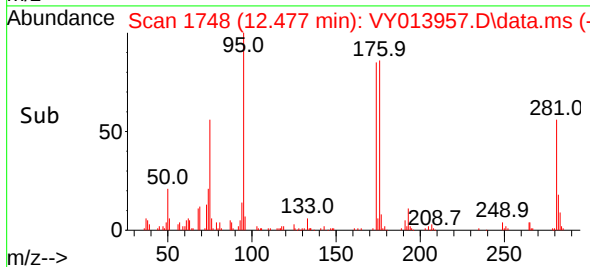
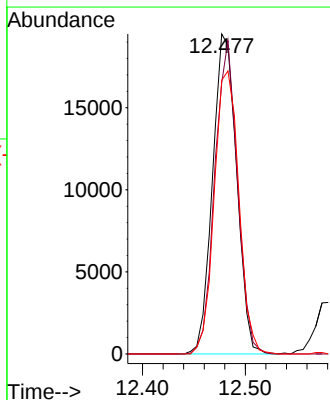
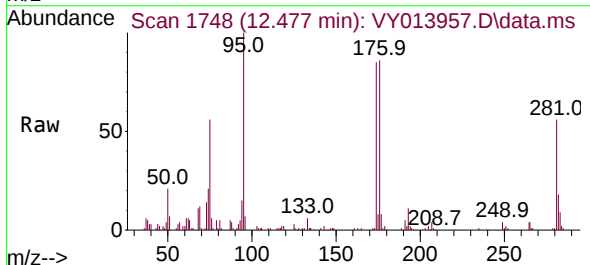
Manual Integrations
APPROVED

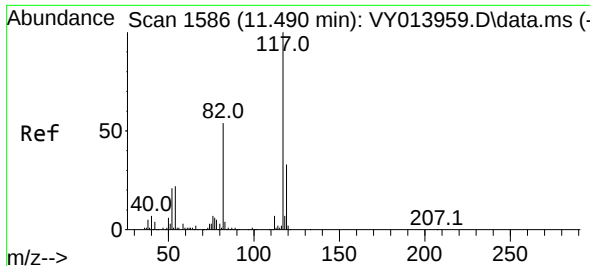
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#62
4-Bromofluorobenzene
Concen: 9.652 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

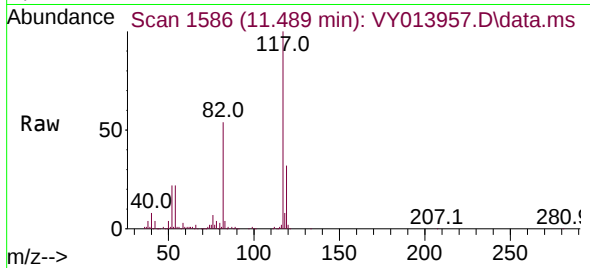
Tgt Ion: 95 Resp: 31672
Ion Ratio Lower Upper
95 100
174 92.1 0.0 178.2
176 90.3 0.0 173.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

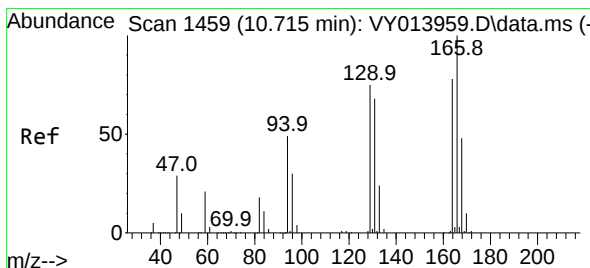
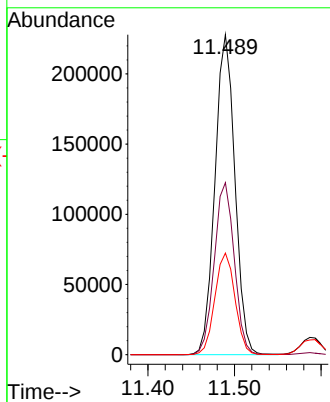
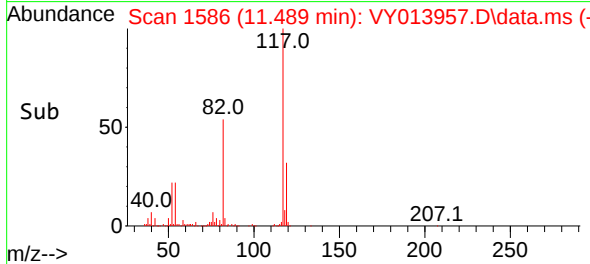
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion:117 Resp: 36444
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 31.8 26.3 39.5

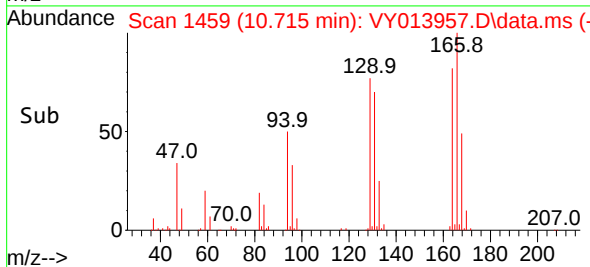
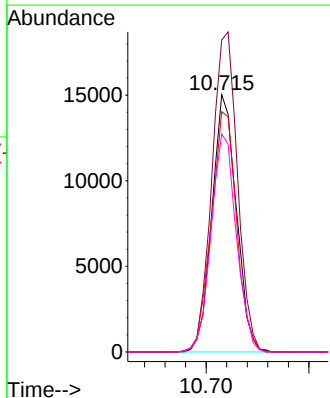
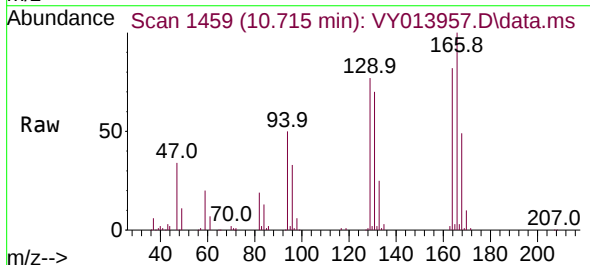
Manual Integrations
APPROVED

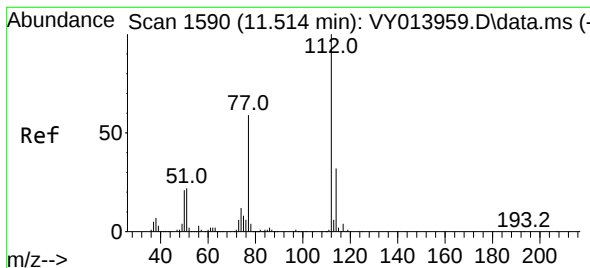
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#64
Tetrachloroethene
Concen: 9.898 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:164 Resp: 24713
Ion Ratio Lower Upper
164 100
166 121.3 103.0 154.6
129 93.4 77.2 115.8
131 84.7 69.6 104.4





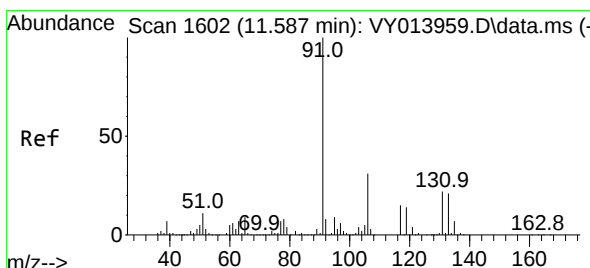
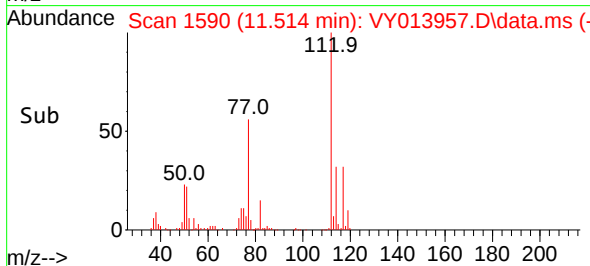
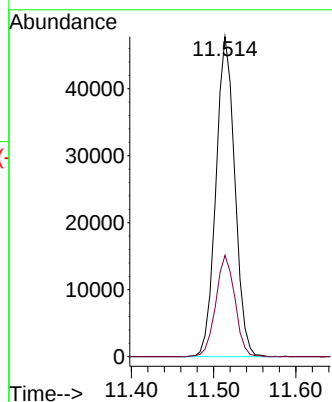
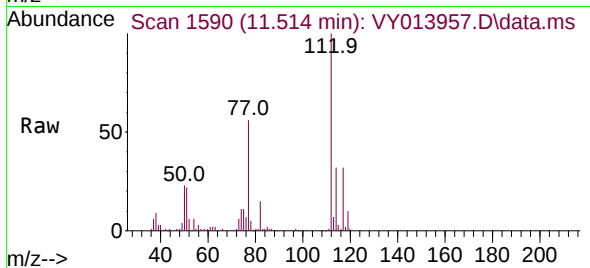
#65
Chlorobenzene
Concen: 10.189 ug/l
RT: 11.514 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:112 Resp: 76179
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3

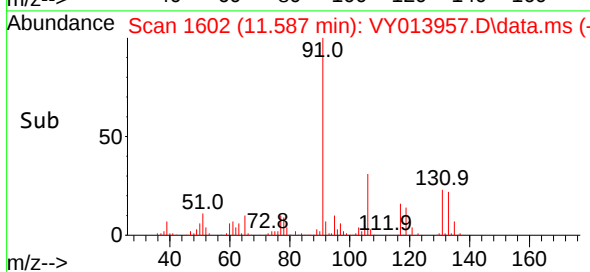
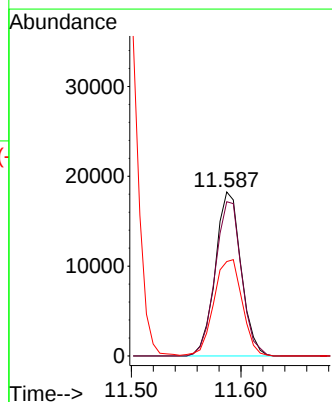
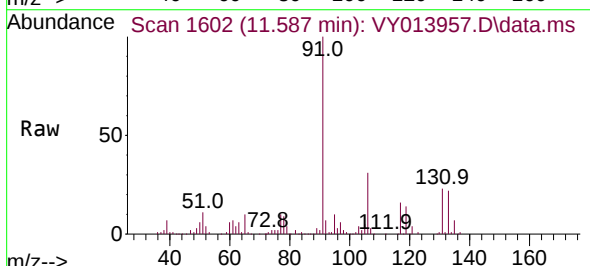
Manual Integrations
APPROVED

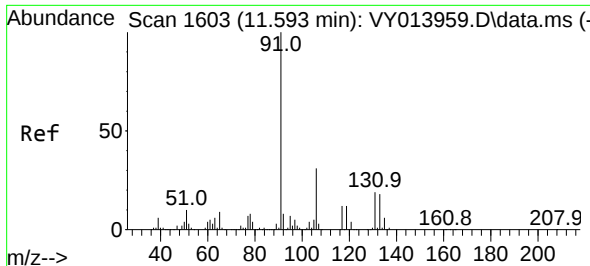
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 10.253 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:131 Resp: 29844
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 64.6 31.6 94.7





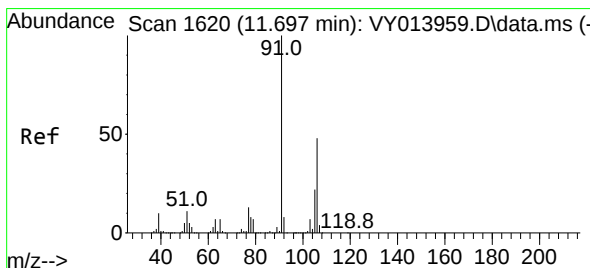
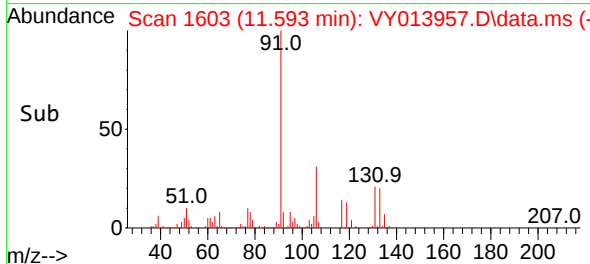
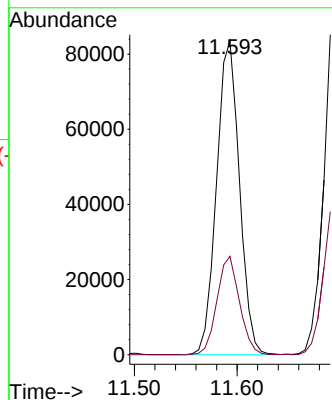
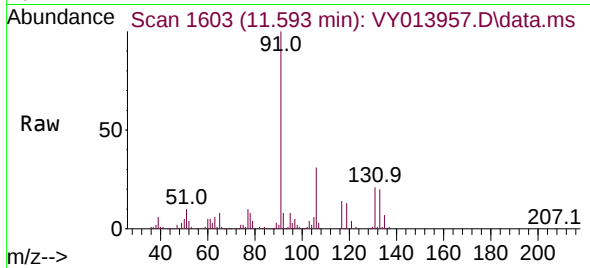
#67
Ethyl Benzene
Concen: 9.962 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 12892
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

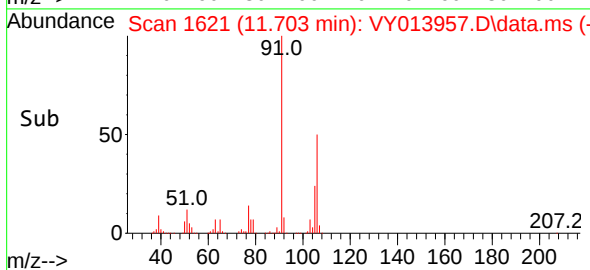
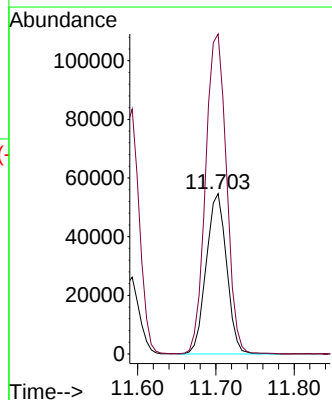
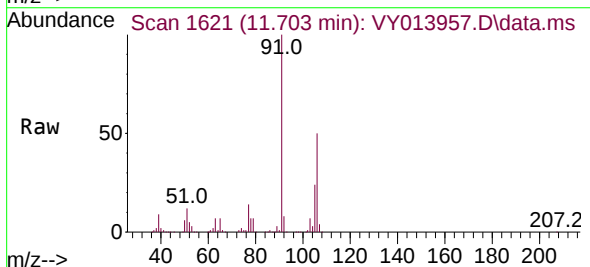
Manual Integrations
APPROVED

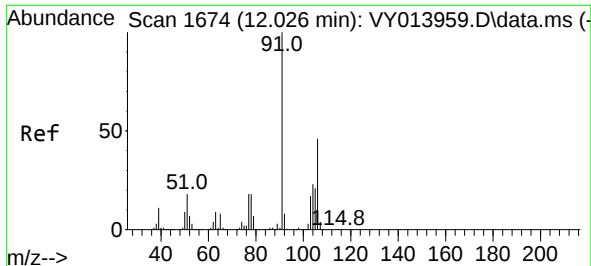
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#68
m/p-Xylenes
Concen: 20.015 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:106 Resp: 98943
Ion Ratio Lower Upper
106 100
91 204.6 166.1 249.1





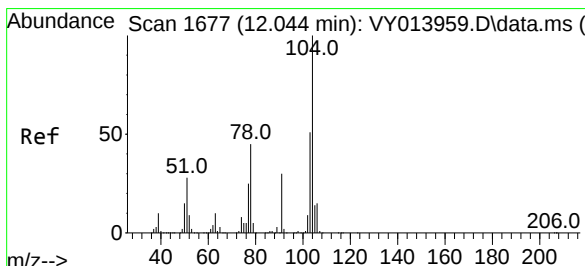
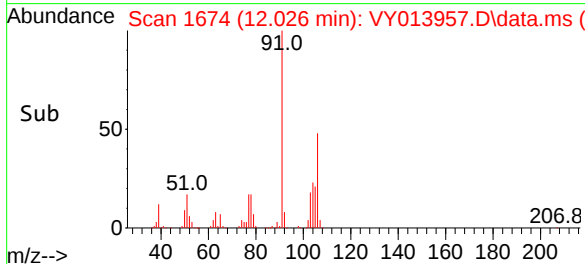
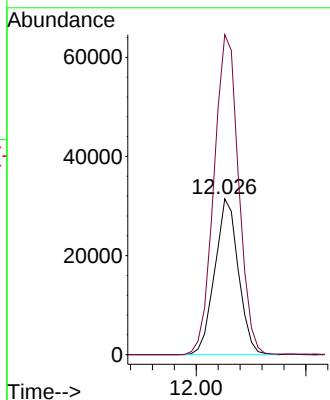
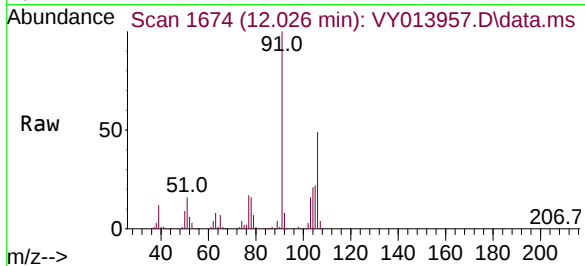
#69
o-Xylene
Concen: 9.941 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 4709
Ion Ratio Lower Upper
106 100
91 215.2 108.1 324.3

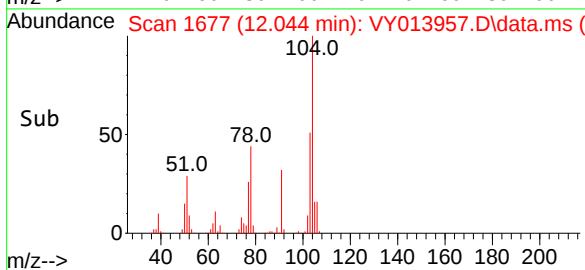
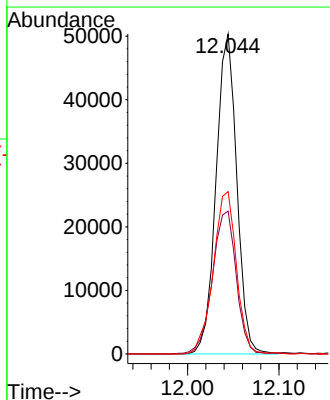
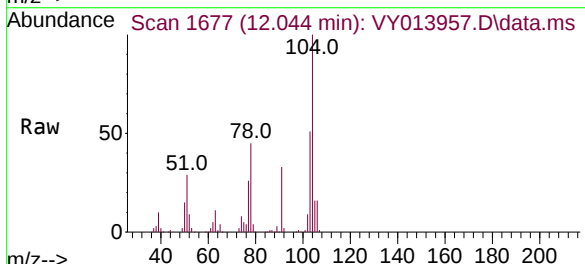
Manual Integrations
APPROVED

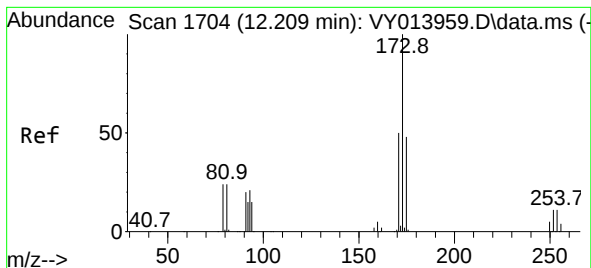
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#70
Styrene
Concen: 9.773 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion:104 Resp: 79513
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 56.6 44.6 67.0





#71

Bromoform

Concen: 9.920 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

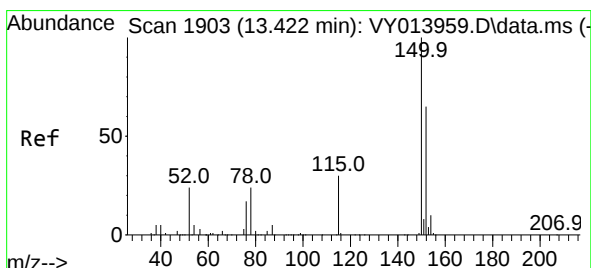
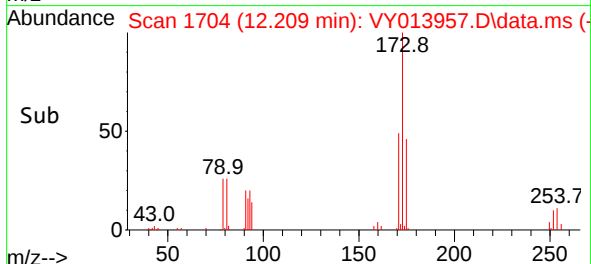
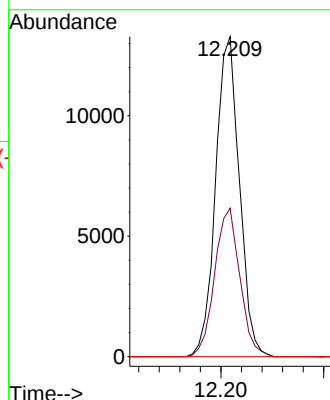
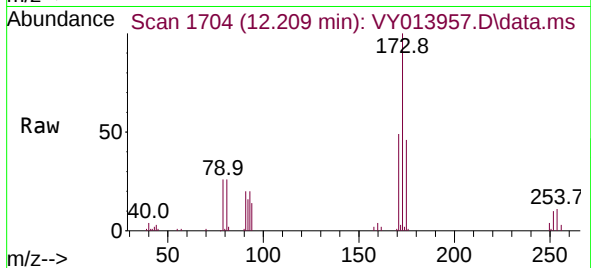
Tgt Ion:173 Resp: 2128
 Ion Ratio Lower Upper
 173 100
 175 49.3 24.6 73.8
 254 0.0 0.2 0.2

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

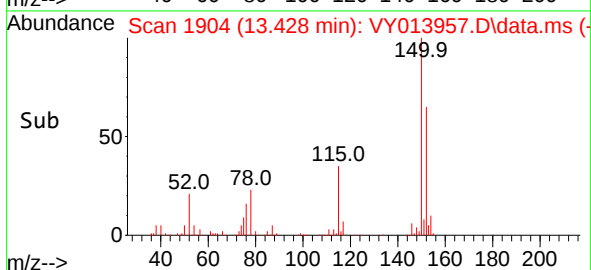
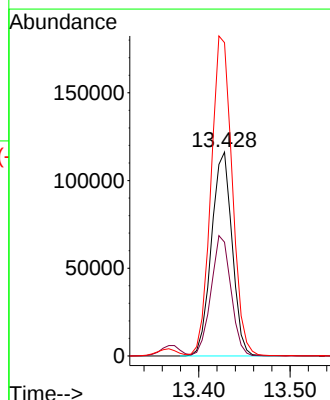
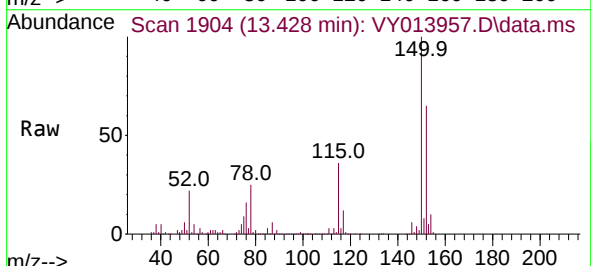
RT: 13.428 min Scan# 1904

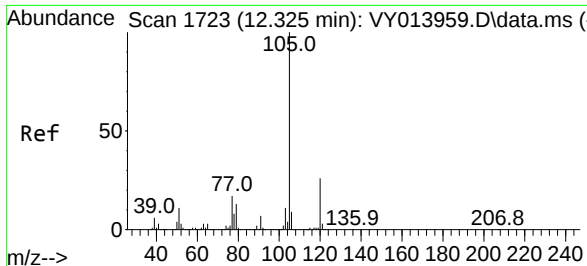
Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion:152 Resp: 182140
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.8 86.5
 150 160.8 0.0 348.8





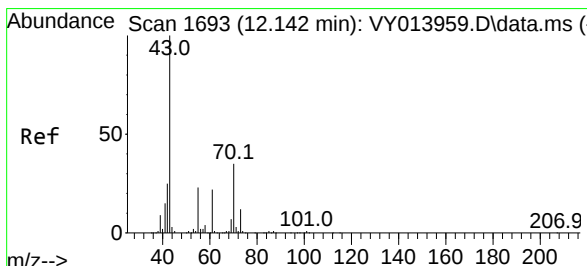
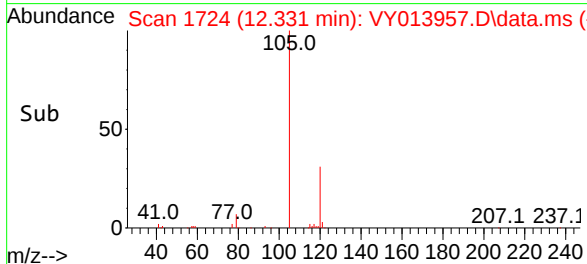
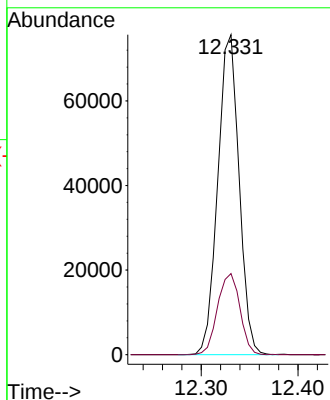
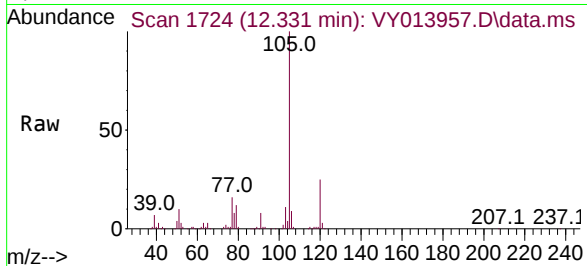
#73
Isopropylbenzene
Concen: 9.611 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 115544
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

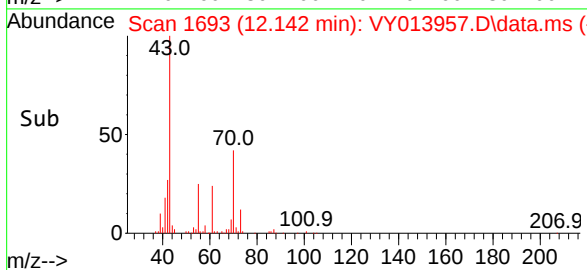
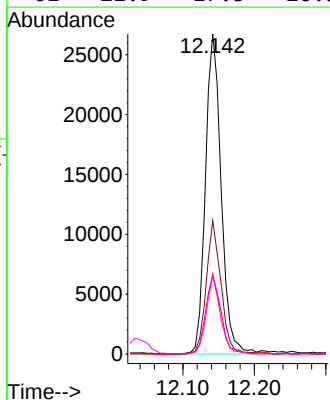
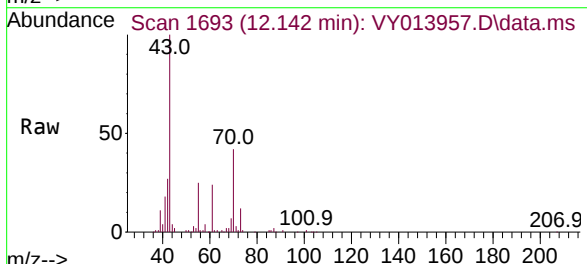
Manual Integrations
APPROVED

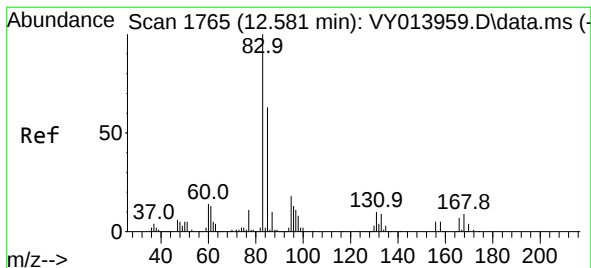
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#74
N-amy1 acetate
Concen: 8.923 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 43 Resp: 41154
Ion Ratio Lower Upper
43 100
70 38.6 29.7 44.5
55 24.0 18.3 27.5
61 21.9 17.5 26.3





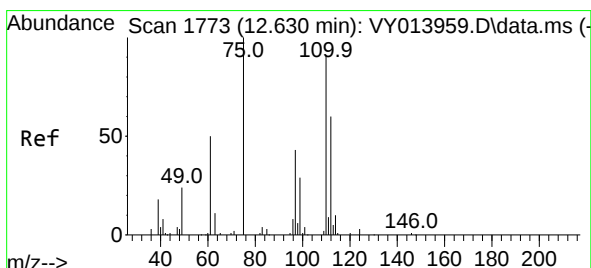
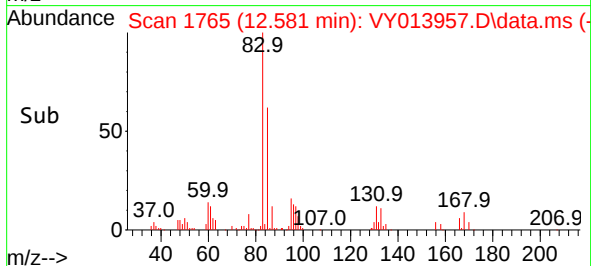
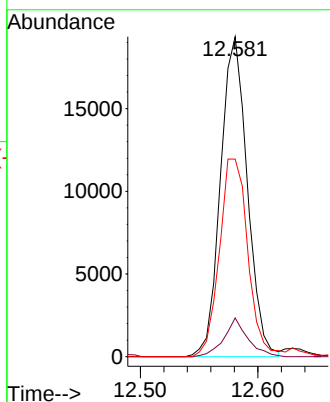
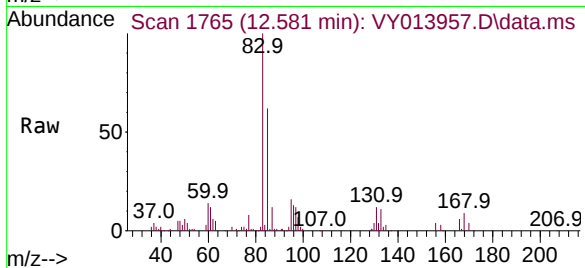
#75
1,1,2,2-Tetrachloroethane
Concen: 9.762 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 30672
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 65.7 31.8 95.4

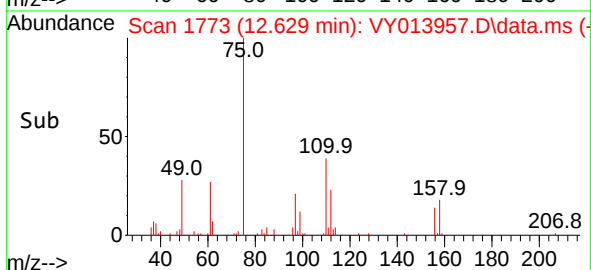
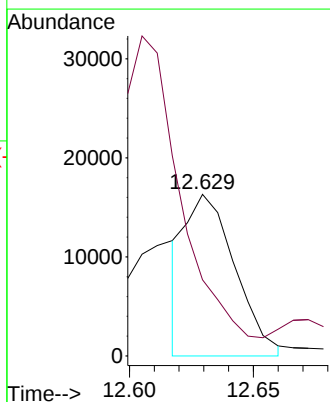
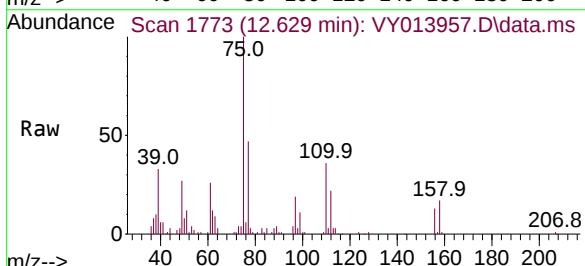
Manual Integrations
APPROVED

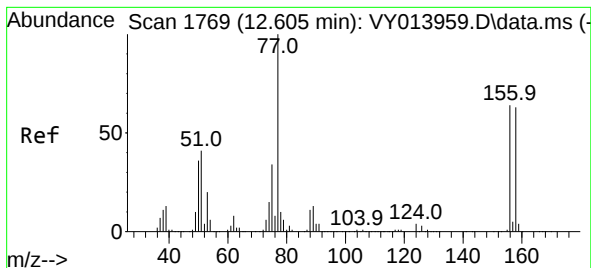
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#76
1,2,3-Trichloropropane
Concen: 9.294 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Tgt Ion: 75 Resp: 22825
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.211 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

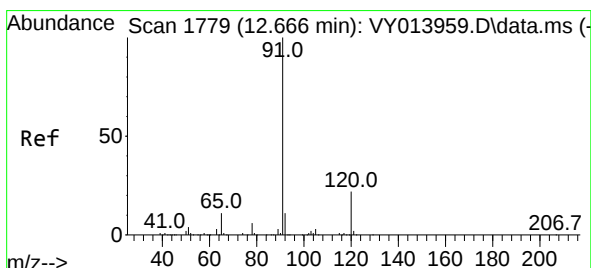
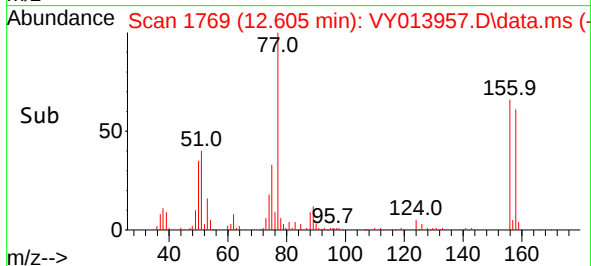
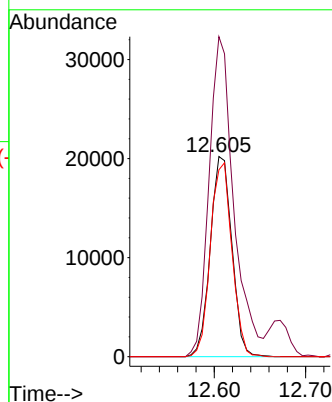
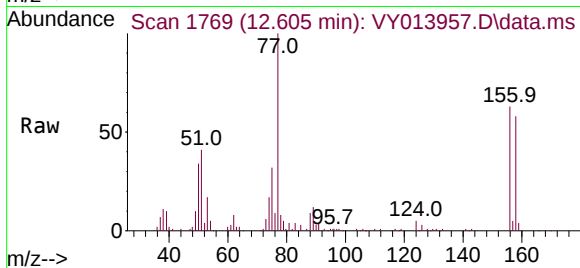
Tgt Ion:	156	Resp:	33184
Ion Ratio	Lower	Upper	
156	100		
77	183.0	92.8	278.6
158	96.6	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#78

n-propylbenzene

Concen: 9.671 ug/l

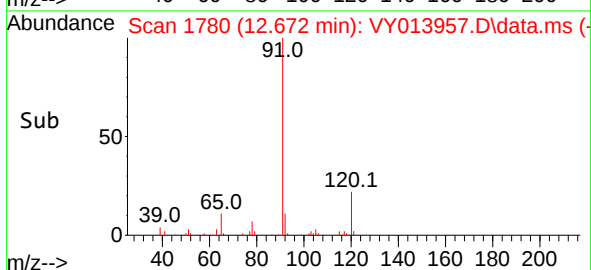
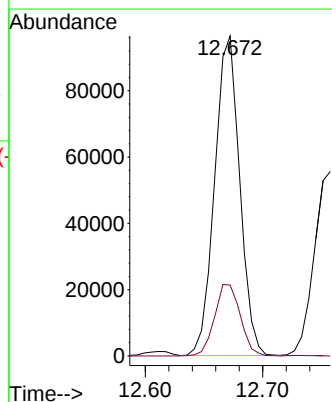
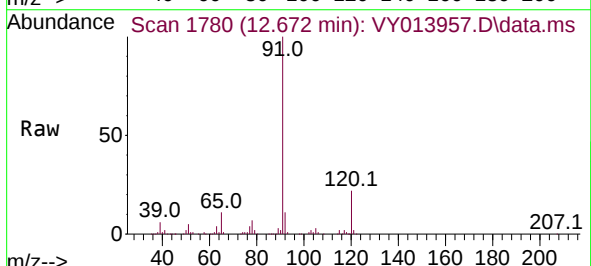
RT: 12.672 min Scan# 1780

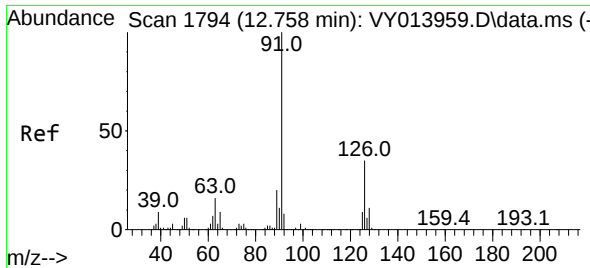
Delta R.T. 0.006 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion:	91	Resp:	142493
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





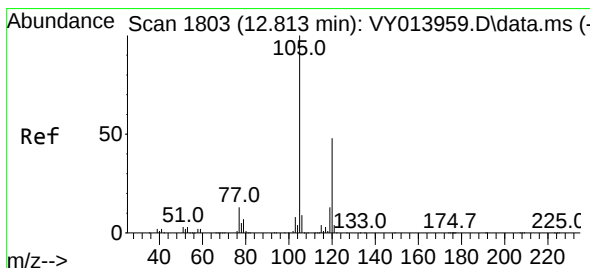
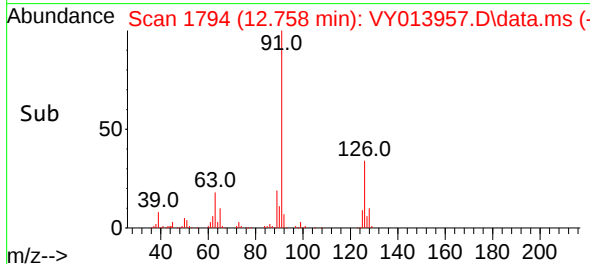
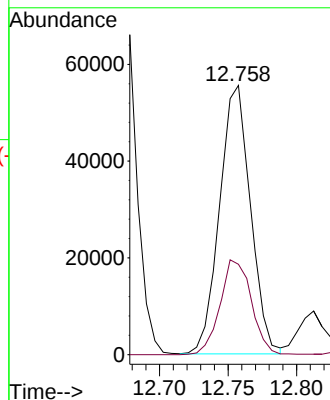
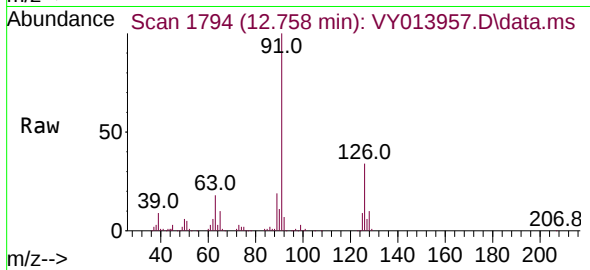
#79
2-Chlorotoluene
Concen: 9.989 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 87130
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7

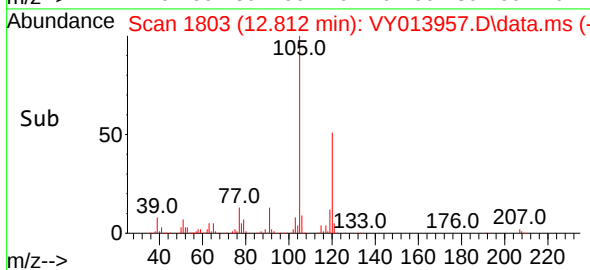
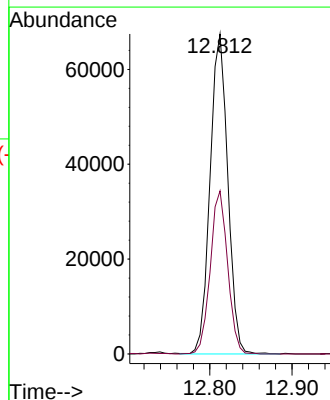
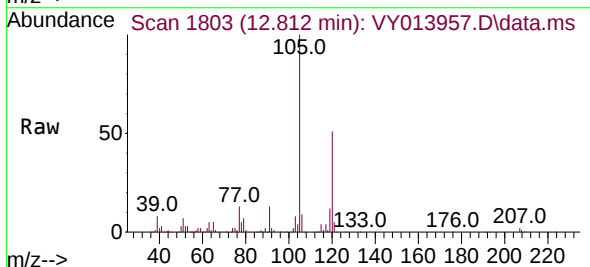
Manual Integrations
APPROVED

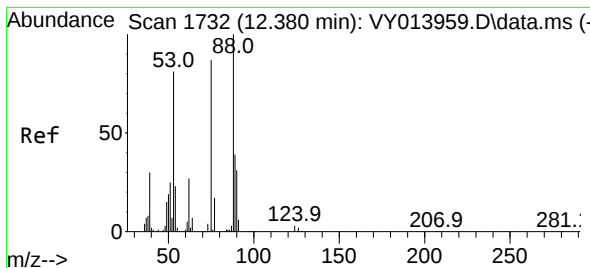
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.787 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

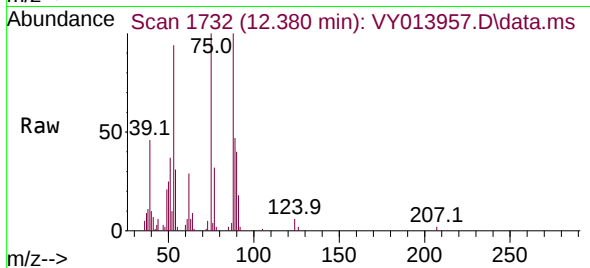
Tgt Ion:105 Resp: 100839
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 9.178 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

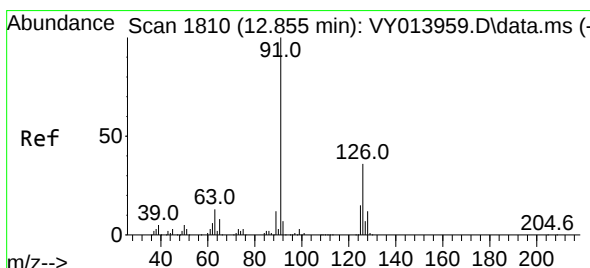
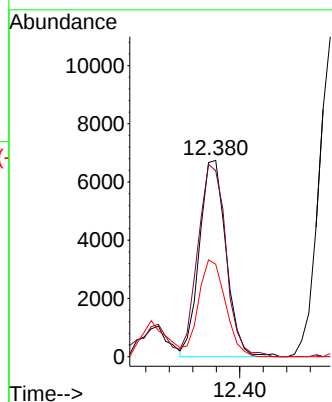
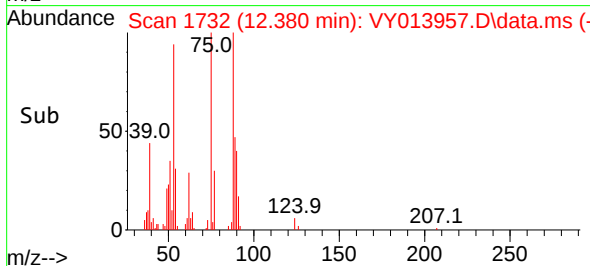
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010



Tgt Ion: 75 Resp: 10604
Ion Ratio Lower Upper
75 100
53 103.3 77.8 116.8
89 50.0 37.4 56.0

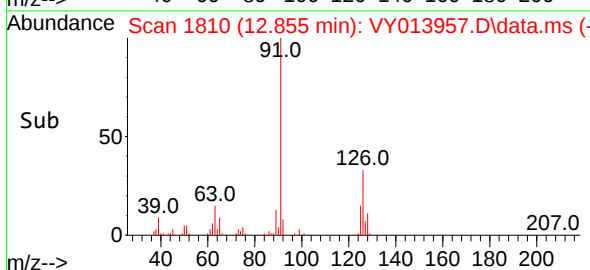
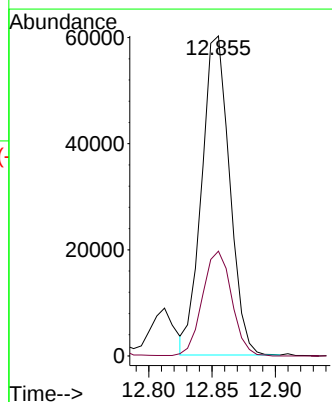
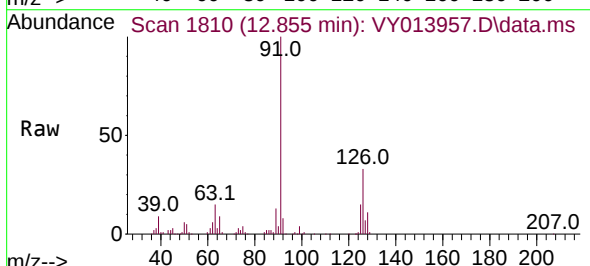
Manual Integrations
APPROVED

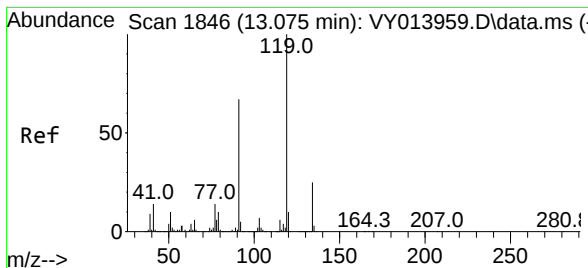
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023



#82
4-Chlorotoluene
Concen: 10.065 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

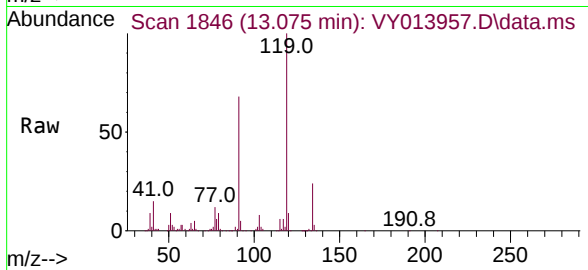
Tgt Ion: 91 Resp: 92335
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 9.819 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

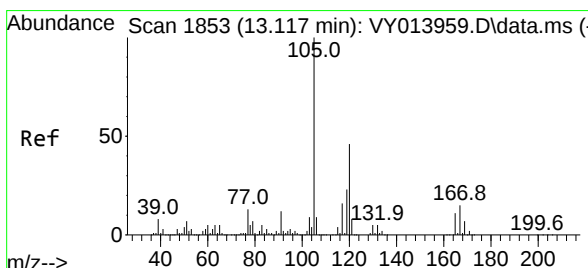
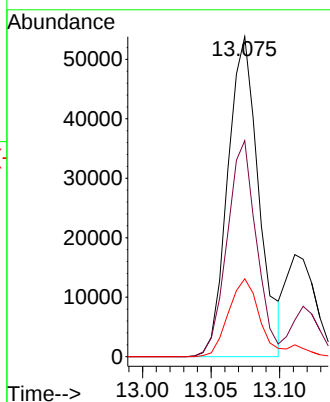
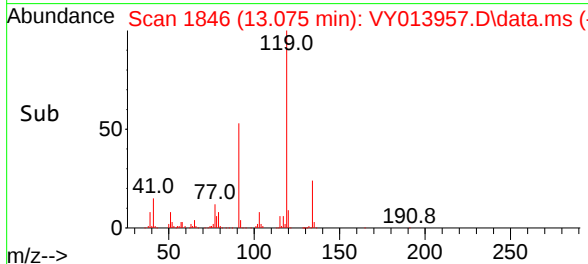
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



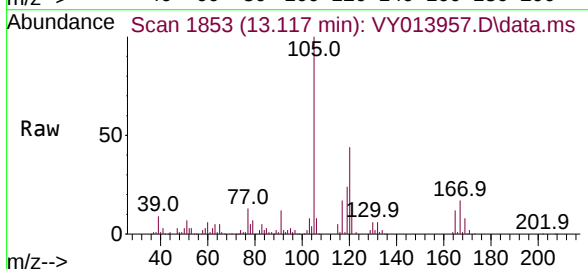
Tgt Ion:119 Resp: 84725
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.6
134 24.5 13.0 38.9

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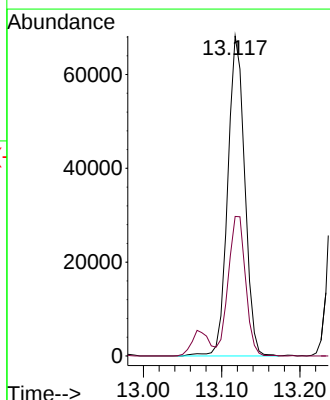
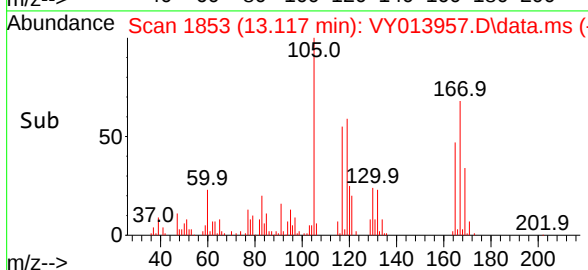
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

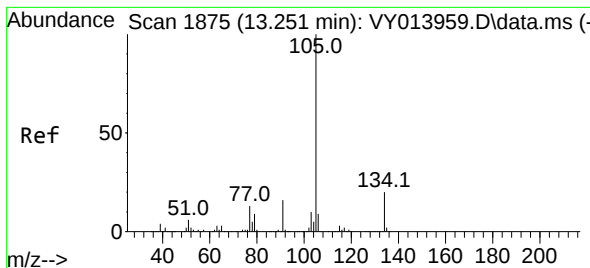


#84
1,2,4-Trimethylbenzene
Concen: 9.978 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28



Tgt Ion:105 Resp: 102686
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 9.646 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

Tgt Ion:105 Resp: 12103

Ion Ratio Lower Upper

105 100

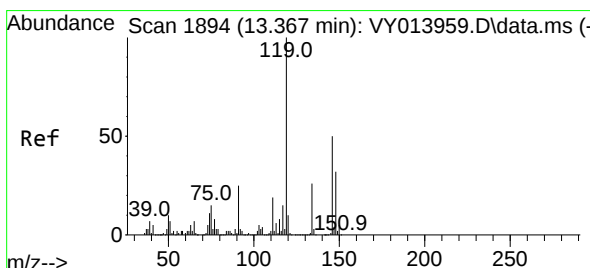
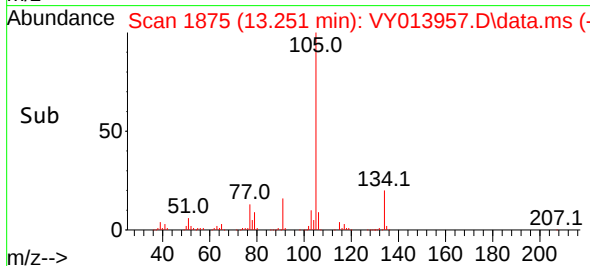
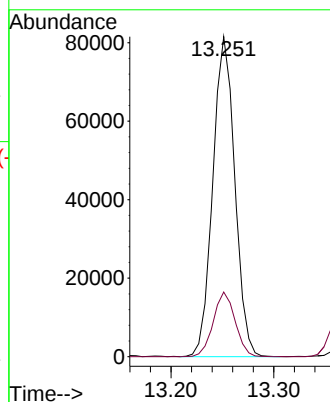
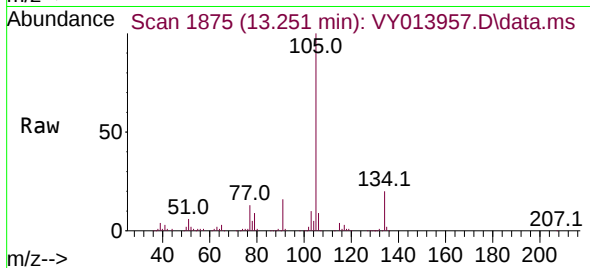
134 20.1 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#86

p-Isopropyltoluene

Concen: 9.835 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

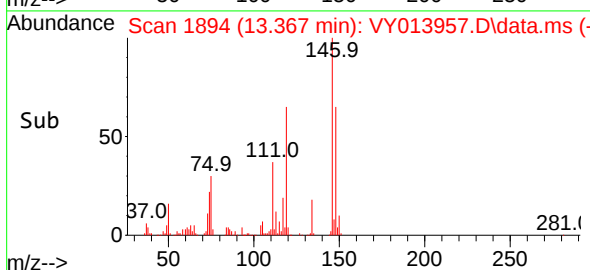
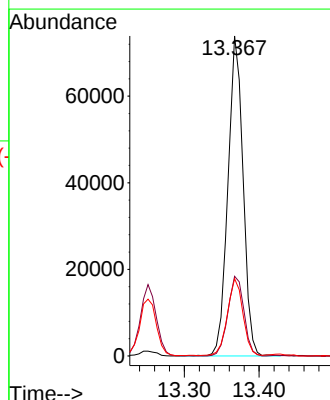
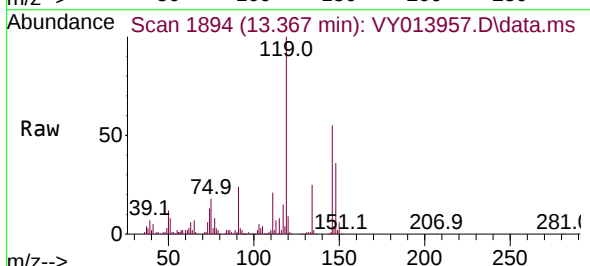
Tgt Ion:119 Resp: 104164

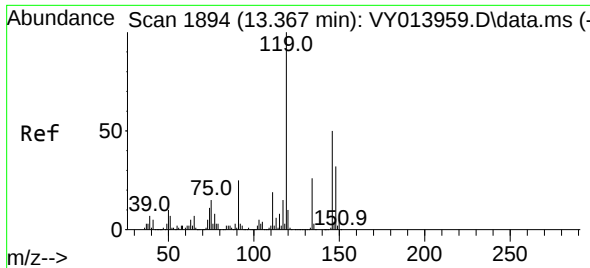
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

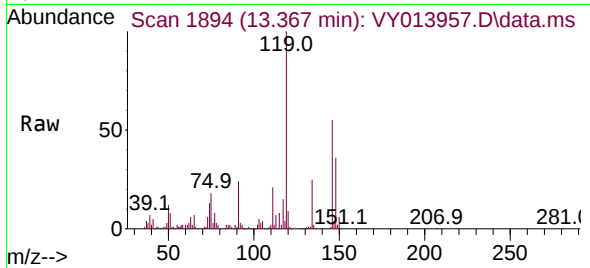
91 24.6 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 10.389 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28

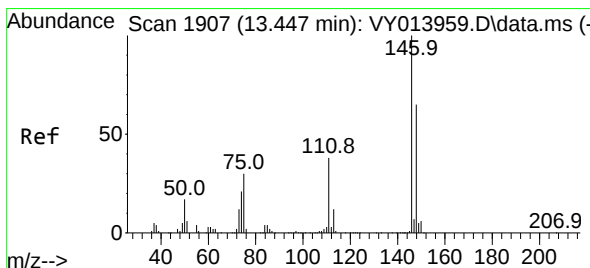
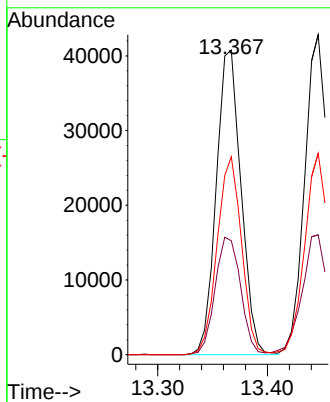
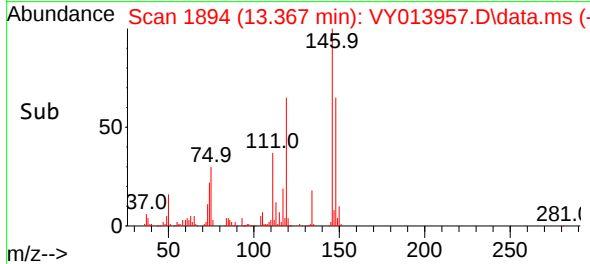
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010



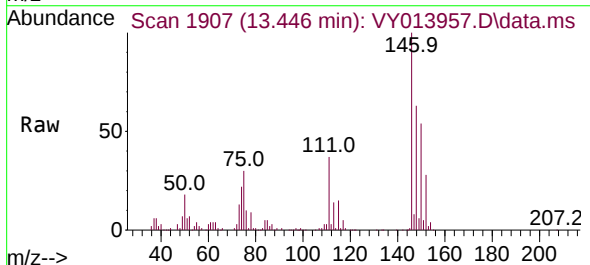
Tgt Ion:146 Resp: 6411
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 64.0 31.9 95.5

Manual Integrations
APPROVED

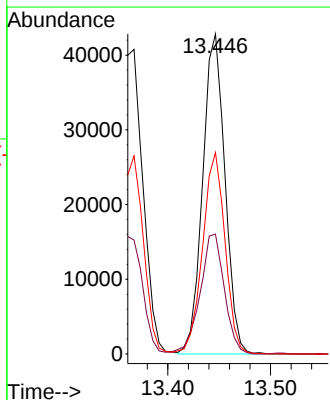
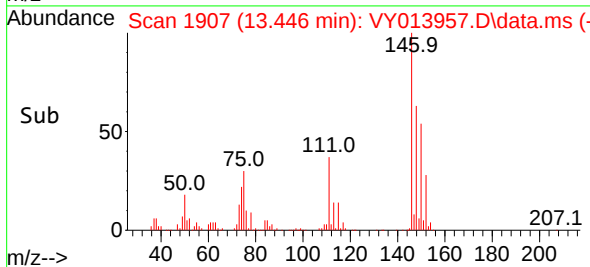
Reviewed By :Krupa Patel 06/02/2023
Supervised By :Mahesh Dadoda 06/02/2023

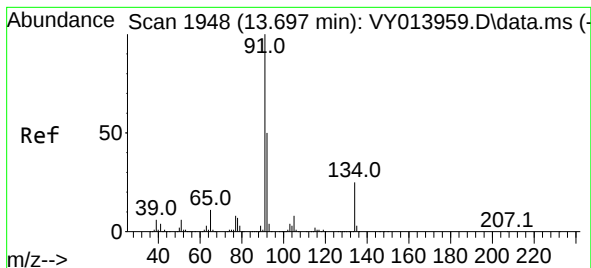


#88
1,4-Dichlorobenzene
Concen: 10.350 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013957.D
Acq: 01 Jun 2023 11:28



Tgt Ion:146 Resp: 64620
Ion Ratio Lower Upper
146 100
111 40.8 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 9.363 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

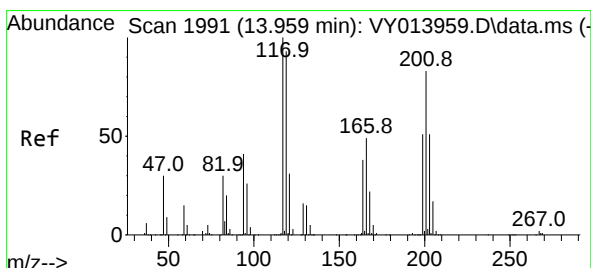
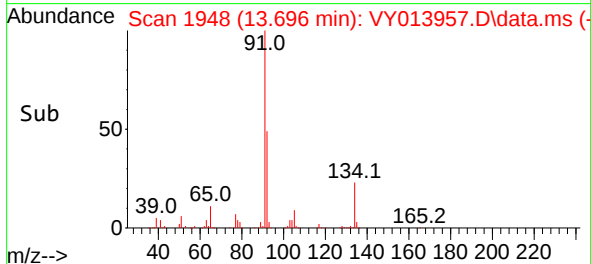
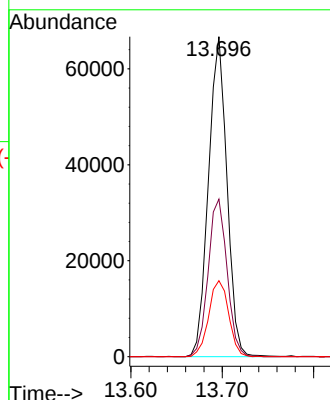
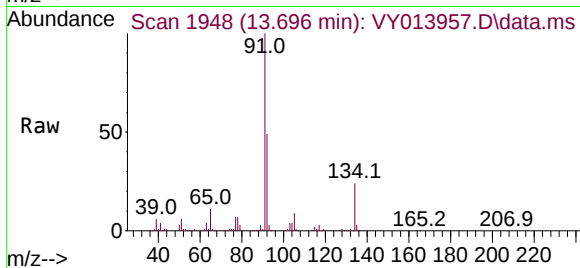
Tgt Ion: 91	Resp: 9357
Ion Ratio	Lower Upper
91 100	
92 50.5	25.4 76.0
134 25.7	12.6 37.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#90

Hexachloroethane

Concen: 10.262 ug/l

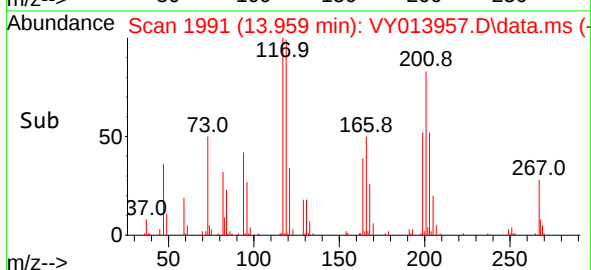
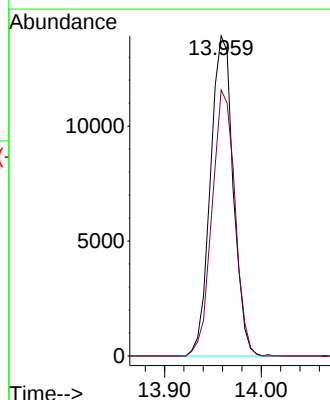
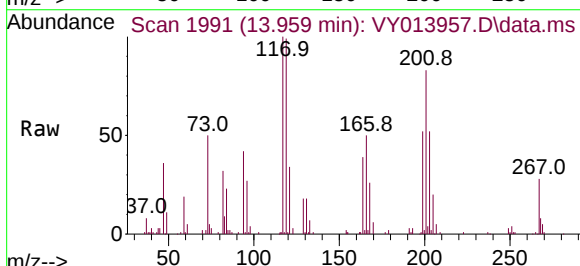
RT: 13.959 min Scan# 1991

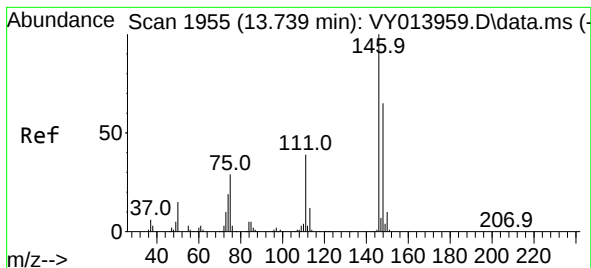
Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion:117	Resp: 22810
Ion Ratio	Lower Upper
117 100	
201 83.5	41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 10.403 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

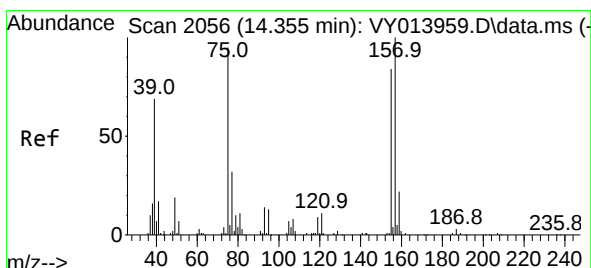
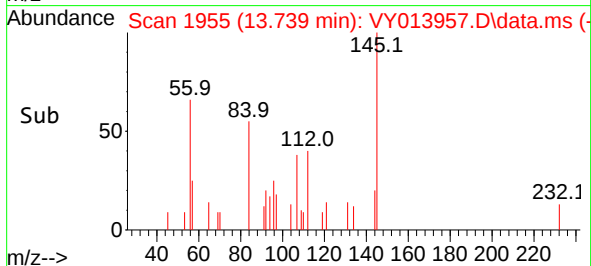
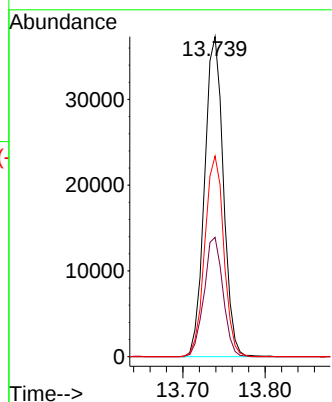
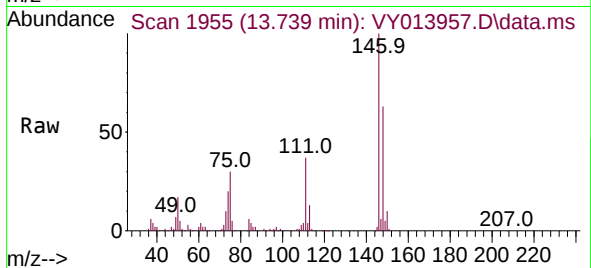
Tgt Ion:	146	Resp:	59150
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.7	59.0
148	63.4	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.338 ug/l

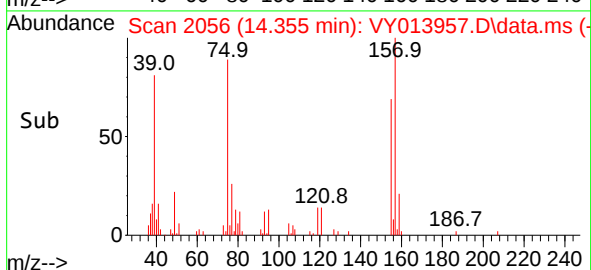
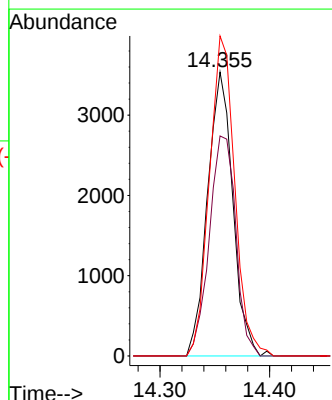
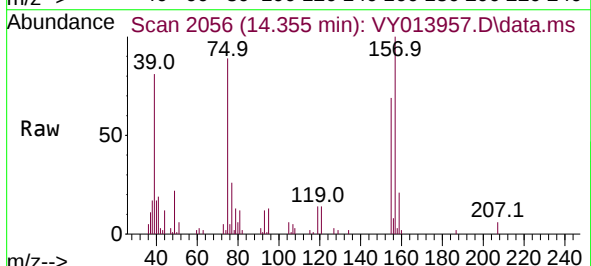
RT: 14.355 min Scan# 2056

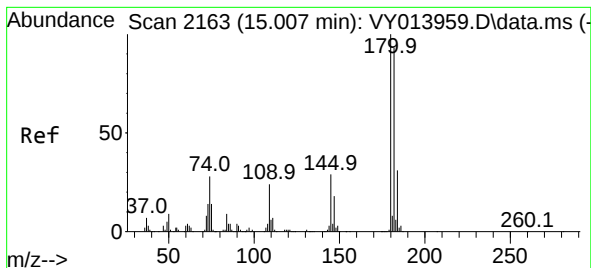
Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion:	75	Resp:	5659
Ion Ratio	Lower	Upper	
75	100		
155	81.1	41.5	124.6
157	113.1	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 9.590 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion:180 Resp: 33519

Ion Ratio Lower Upper

180 100

182 98.4 47.0 141.2

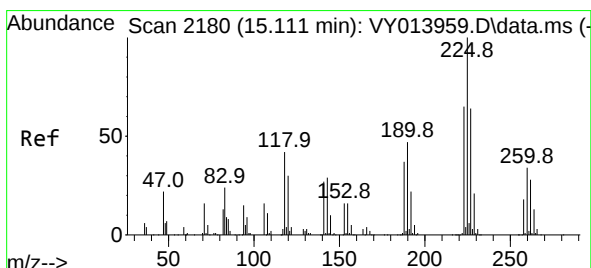
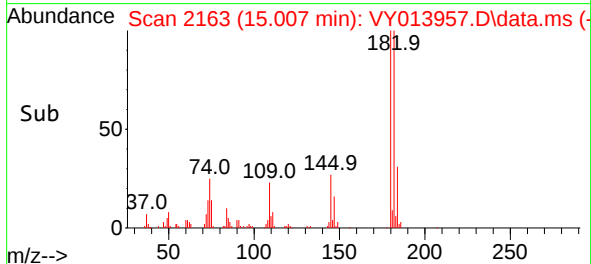
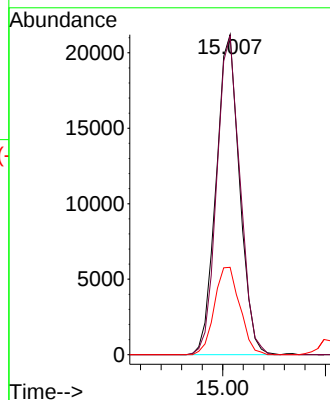
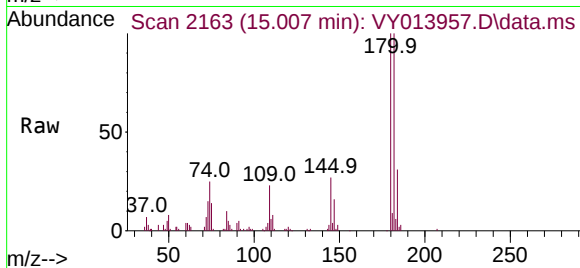
145 29.6 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#94

Hexachlorobutadiene

Concen: 9.727 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

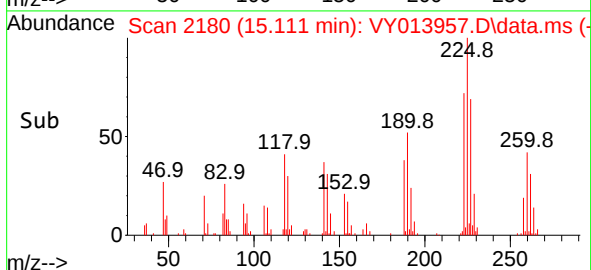
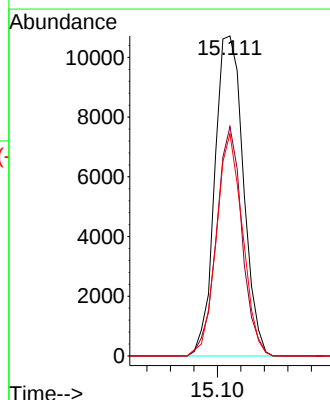
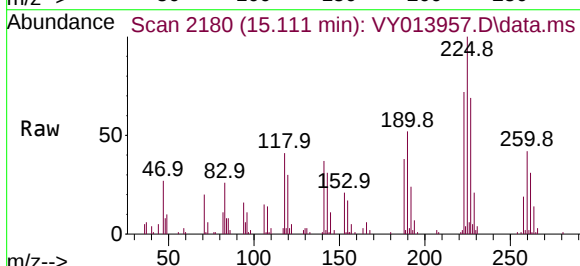
Tgt Ion:225 Resp: 18109

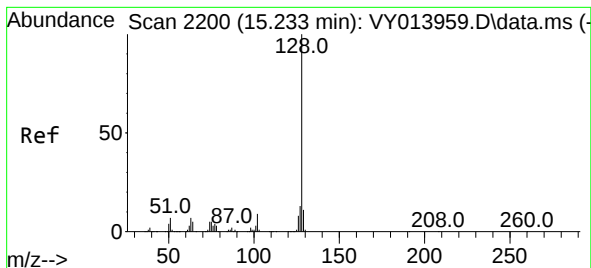
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 11.022 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

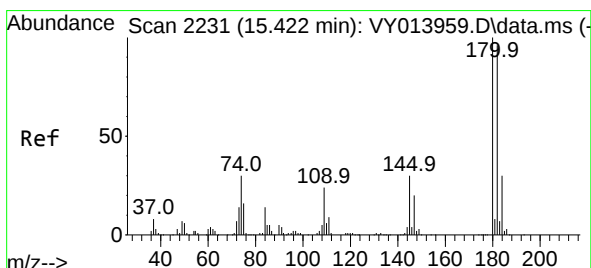
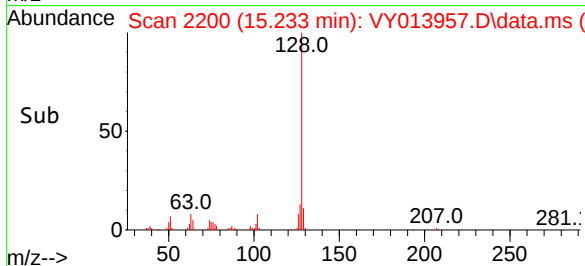
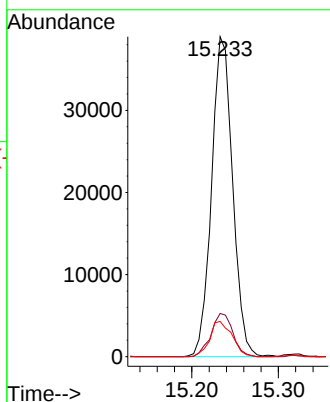
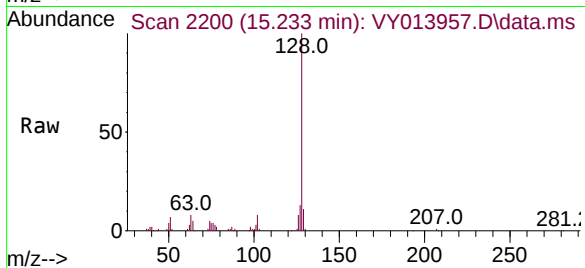
Tgt Ion:	128	Resp:	65828
Ion Ratio	Lower	Upper	
128	100		
127	14.1	10.8	16.2
129	11.7	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/02/2023

Supervised By :Mahesh Dadoda 06/02/2023



#96

1,2,3-Trichlorobenzene

Concen: 9.638 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013957.D

Acq: 01 Jun 2023 11:28

Tgt Ion:	180	Resp:	30683
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.3	141.8
145	31.2	15.4	46.2

