

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013231.D
 Acq On : 10 Apr 2023 17:23
 Operator : KP/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

Quant Time: Apr 11 10:43:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 10:35:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	93474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	145476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	132366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	21245	20.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	40.600%#		
35) Dibromofluoromethane	7.709	113	17622	20.177	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.360%#		
50) Toluene-d8	10.178	98	62104	20.297	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.600%#		
62) 4-Bromofluorobenzene	12.477	95	21606	20.021	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	40.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15802	23.549	ug/l	99
3) Chloromethane	2.113	50	20080	23.212	ug/l	100
4) Vinyl Chloride	2.247	62	18917	23.067	ug/l	98
5) Bromomethane	2.637	94	14591	22.836	ug/l	91
6) Chloroethane	2.790	64	13933	22.973	ug/l	93
7) Trichlorofluoromethane	3.119	101	28607	21.630	ug/l	95
8) Diethyl Ether	3.521	74	10350	20.905	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	16845	21.124	ug/l	98
10) Methyl Iodide	4.088	142	19829	20.913	ug/l	94
11) Tert butyl alcohol	4.954	59	16896	89.850	ug/l	96
12) 1,1-Dichloroethene	3.869	96	15722	22.285	ug/l	94
13) Acrolein	3.728	56	10860	104.492	ug/l	98
14) Allyl chloride	4.472	41	31501	21.276	ug/l	93
15) Acrylonitrile	5.155	53	32024	95.804	ug/l	99
16) Acetone	3.942	43	37102	89.269	ug/l	97
17) Carbon Disulfide	4.192	76	42819	24.744	ug/l	97
18) Methyl Acetate	4.478	43	24909	19.614	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	52375	19.995	ug/l	99
20) Methylene Chloride	4.710	84	26632	19.504	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	18009	21.805	ug/l	97
22) Diisopropyl ether	6.118	45	67456	20.741	ug/l	98
23) Vinyl Acetate	6.057	43	204467	100.967	ug/l	97
24) 1,1-Dichloroethane	6.015	63	35299	20.846	ug/l	98
25) 2-Butanone	6.984	43	50091	92.387	ug/l	94
26) 2,2-Dichloropropane	6.978	77	32678	20.510	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	20235	20.660	ug/l	93
28) Bromochloromethane	7.331	49	15439	19.519	ug/l	94
29) Tetrahydrofuran	7.344	42	29971	95.283	ug/l	96
30) Chloroform	7.502	83	36608	20.777	ug/l	98
31) Cyclohexane	7.783	56	28595	21.235	ug/l #	88
32) 1,1,1-Trichloroethane	7.703	97	32974	21.344	ug/l	98
36) 1,1-Dichloropropene	7.911	75	25933	21.432	ug/l	98
37) Ethyl Acetate	7.069	43	21295	19.437	ug/l #	93
38) Carbon Tetrachloride	7.898	117	29441	20.945	ug/l	92
39) Methylcyclohexane	9.179	83	26965	21.077	ug/l	93
40) Benzene	8.154	78	76550	21.391	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	10689m	23.067	ug/l	
42) 1,2-Dichloroethane	8.234	62	27033	20.863	ug/l	97
43) Isopropyl Acetate	8.270	43	36453	18.972	ug/l	96
44) Trichloroethene	8.935	130	19680	21.212	ug/l	95
45) 1,2-Dichloropropane	9.215	63	20273	20.866	ug/l	93
46) Dibromomethane	9.301	93	11951	20.443	ug/l	100
47) Bromodichloromethane	9.496	83	28923	20.483	ug/l	95
48) Methyl methacrylate	9.288	41	15911	19.130	ug/l	90
49) 1,4-Dioxane	9.294	88	3193	394.266	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	102323	94.435	ug/l	96
52) Toluene	10.239	92	47281	21.293	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	29622	20.049	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	32384	20.346	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	16438	19.991	ug/l	97
56) Ethyl methacrylate	10.508	69	21933	19.212	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	28272	20.236	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	52807	100.404	ug/l	99
59) 2-Hexanone	10.831	43	73714	92.658	ug/l	95
60) Dibromochloromethane	10.983	129	20618	20.105	ug/l	100
61) 1,2-Dibromoethane	11.087	107	15740	20.060	ug/l	98
64) Tetrachloroethene	10.715	164	16627	20.368	ug/l	97
65) Chlorobenzene	11.514	112	52833	20.735	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	20719	20.504	ug/l	98
67) Ethyl Benzene	11.593	91	90236	20.583	ug/l	98
68) m/p-Xylenes	11.703	106	70501	41.763	ug/l	99
69) o-Xylene	12.026	106	33117	20.795	ug/l	97
70) Styrene	12.044	104	56573	20.751	ug/l	98
71) Bromoform	12.209	173	13952	19.463	ug/l #	95
73) Isopropylbenzene	12.331	105	85827	19.911	ug/l	99
74) N-amyl acetate	12.142	43	31090	18.905	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	21477	18.955	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	19227m	21.512	ug/l	
77) Bromobenzene	12.605	156	21660	19.744	ug/l	100
78) n-propylbenzene	12.672	91	107985	20.155	ug/l	99
79) 2-Chlorotoluene	12.751	91	60955	20.036	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	73473	20.449	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	7546	18.692	ug/l	92
82) 4-Chlorotoluene	12.855	91	65439	20.552	ug/l	99
83) tert-Butylbenzene	13.074	119	63740	19.902	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	73794	20.757	ug/l	100
85) sec-Butylbenzene	13.251	105	95978	20.260	ug/l	100
86) p-Isopropyltoluene	13.367	119	80837	20.399	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	44978	20.803	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	44818	20.512	ug/l	98
89) n-Butylbenzene	13.696	91	75468	20.289	ug/l	98
90) Hexachloroethane	13.958	117	16239	19.512	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	39791	20.073	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3895	18.023	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	22870	18.969	ug/l	96
94) Hexachlorobutadiene	15.111	225	14037	19.644	ug/l	98
95) Naphthalene	15.232	128	47823	17.797	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	20770	18.578	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Apr 11 10:35:47 2023
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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

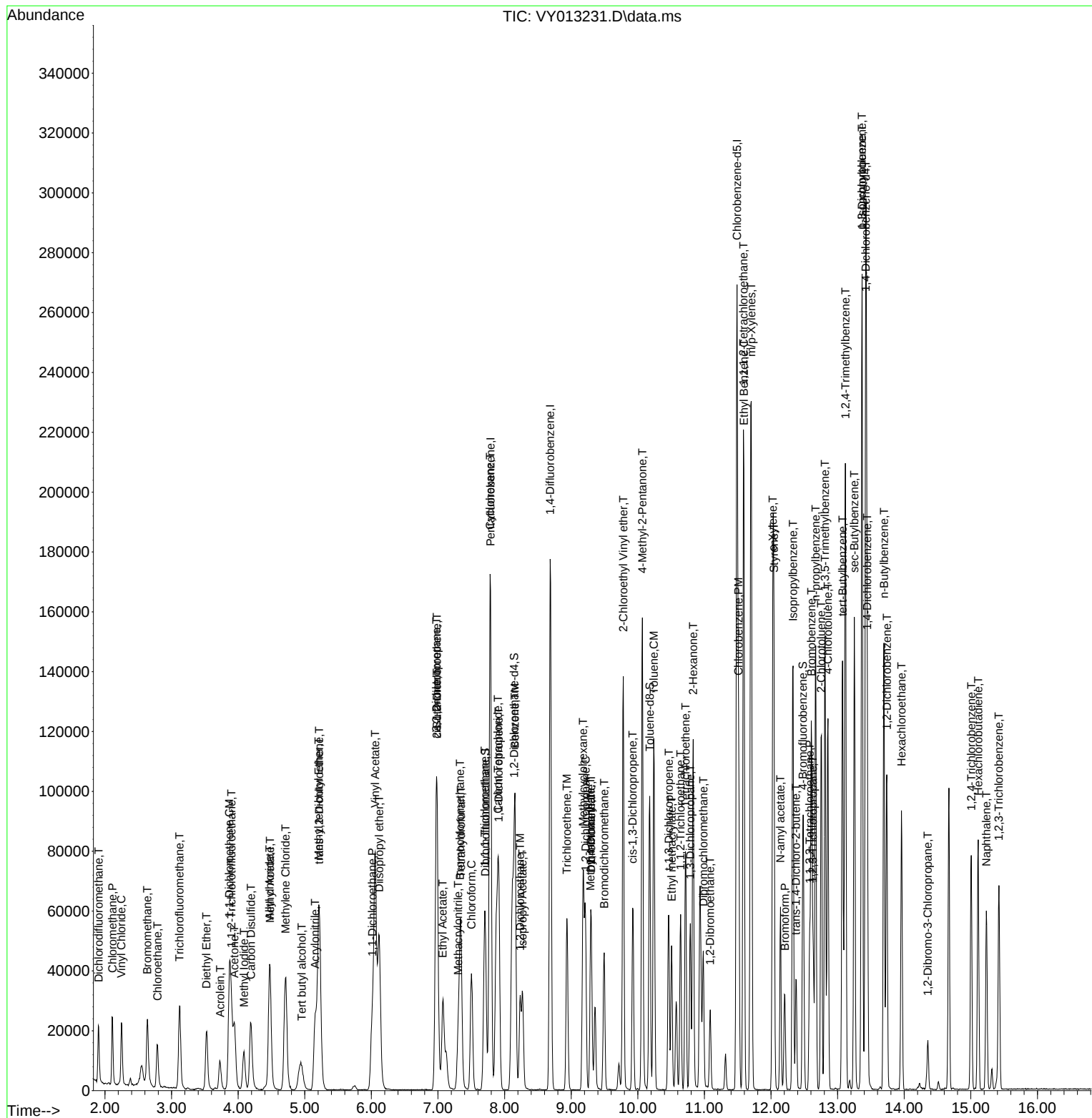
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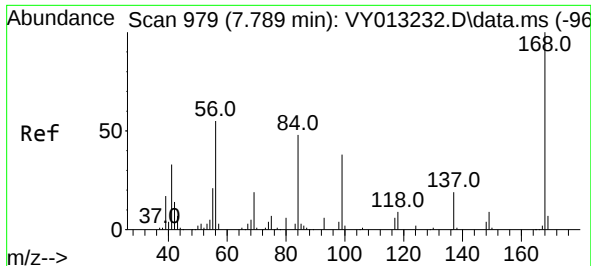
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Manual Integrations APPROVED

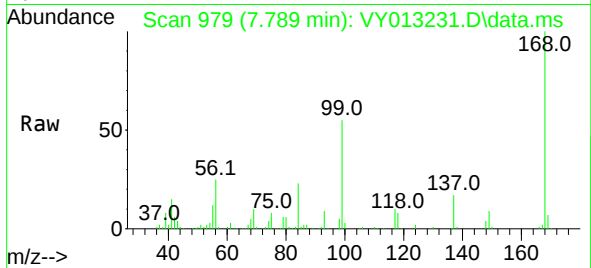
Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

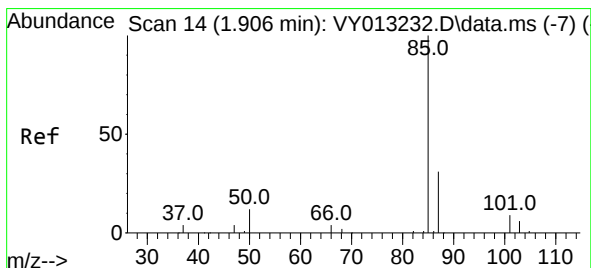
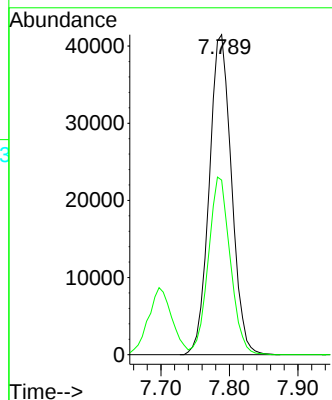
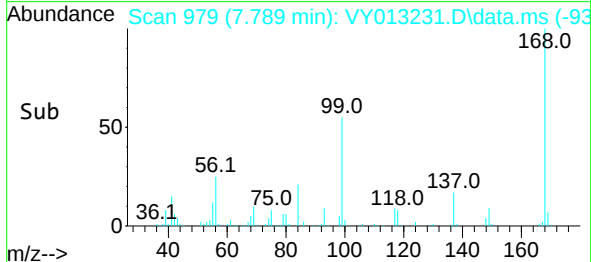
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 93474
Ion Ratio Lower Upper
168 100
99 54.5 41.7 62.5

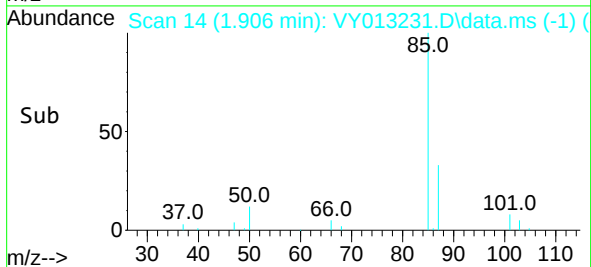
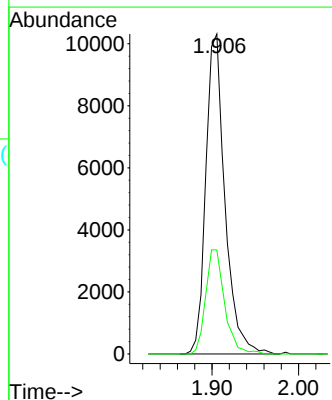
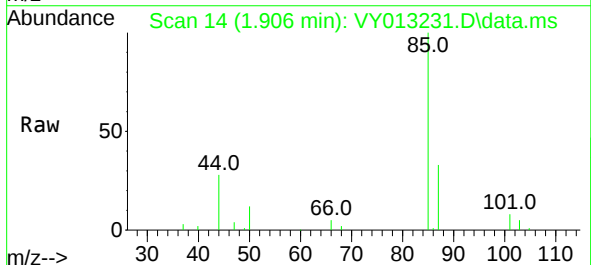
Manual Integrations
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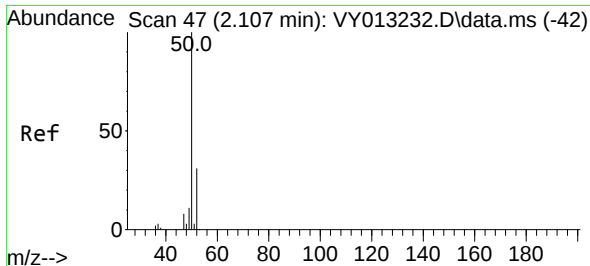
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#2
Dichlorodifluoromethane
Concen: 23.549 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

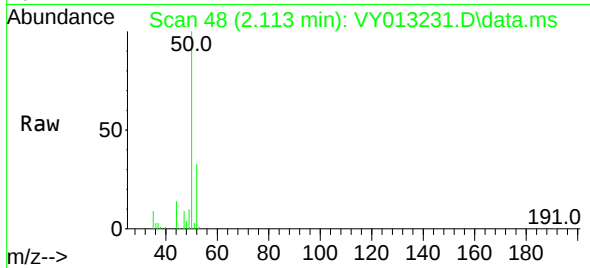
Tgt Ion: 85 Resp: 15802
Ion Ratio Lower Upper
85 100
87 32.5 16.7 50.0





#3
Chloromethane
Concen: 23.212 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

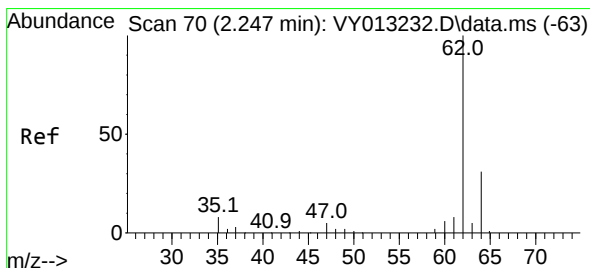
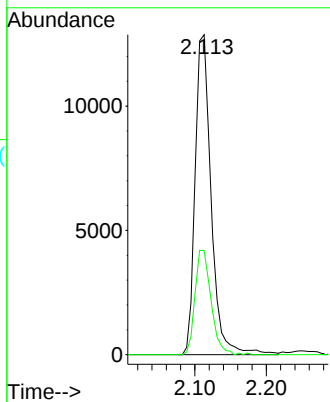
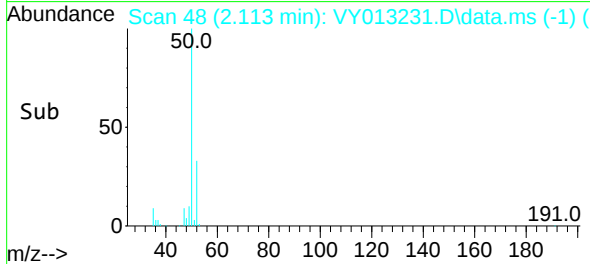
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 50 Resp: 20080
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0

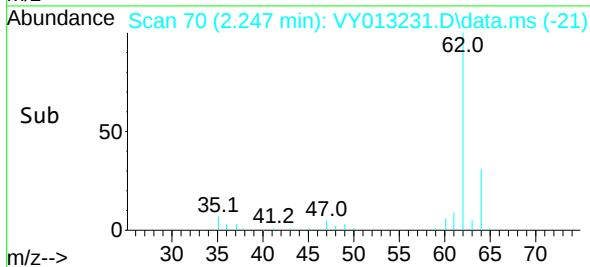
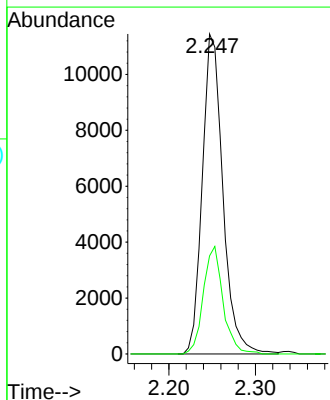
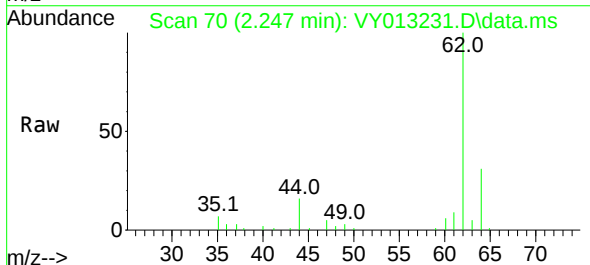
Manual Integrations
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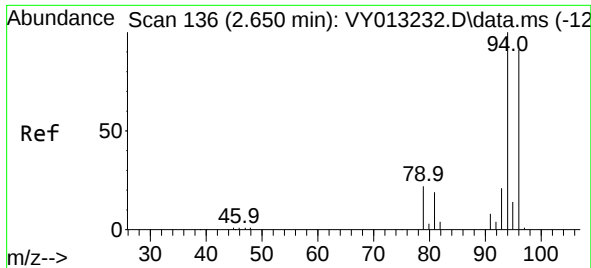
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#4
Vinyl Chloride
Concen: 23.067 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion: 62 Resp: 18917
Ion Ratio Lower Upper
62 100
64 30.7 25.6 38.4





#5

Bromomethane

Concen: 22.836 ug/l

RT: 2.637 min Scan# 1

Delta R.T. -0.013 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 1459

Ion Ratio Lower Upper

94 100

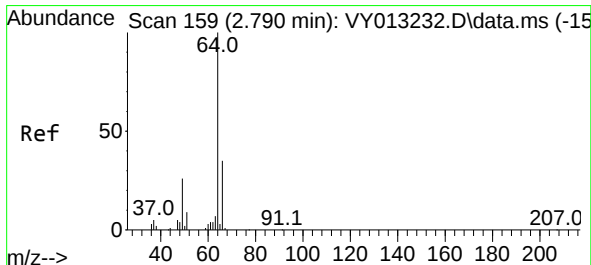
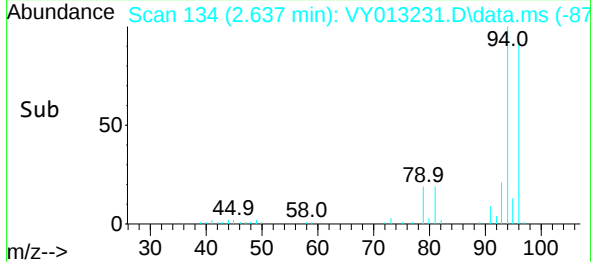
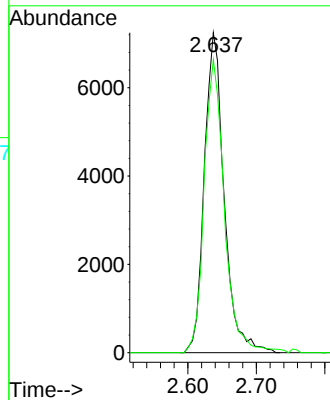
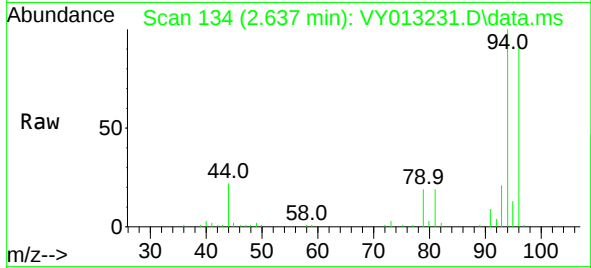
96 91.5 80.3 120.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#6

Chloroethane

Concen: 22.973 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.000 min

Lab File: VY013231.D

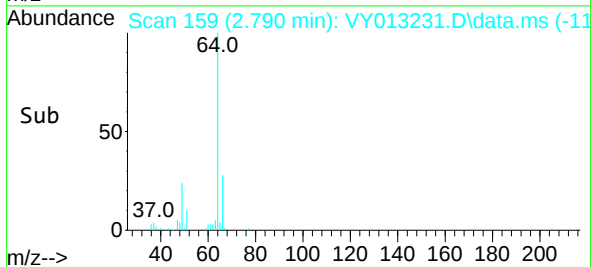
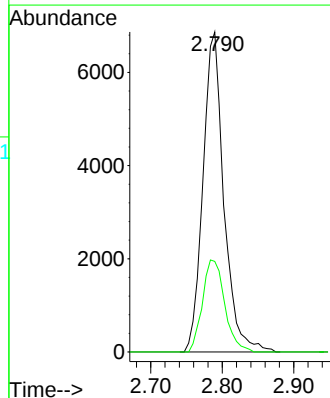
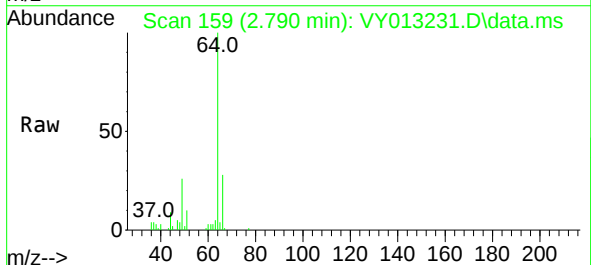
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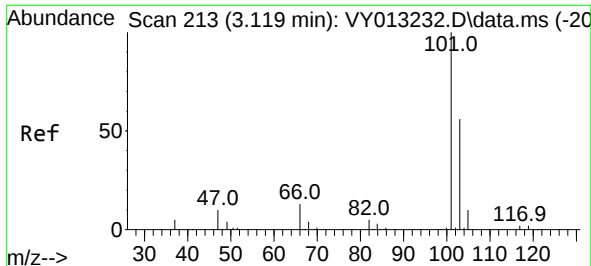
Tgt Ion: 64 Resp: 13933

Ion Ratio Lower Upper

64 100

66 28.3 25.7 38.5





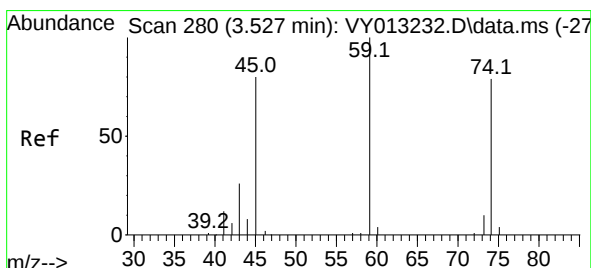
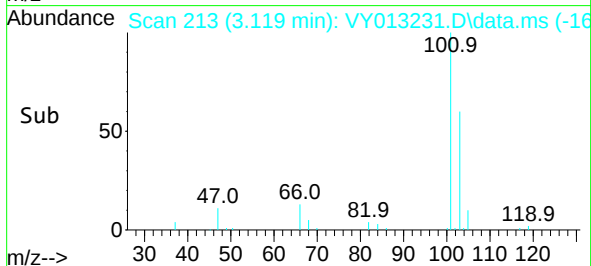
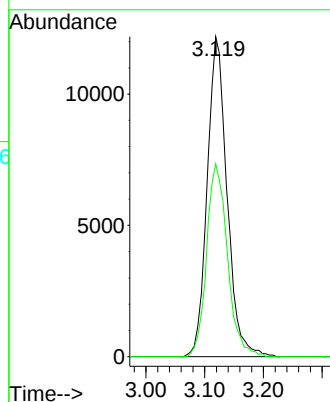
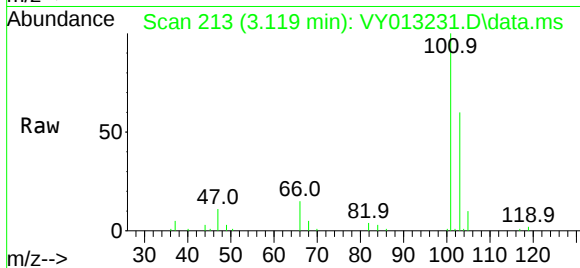
#7
Trichlorofluoromethane
Concen: 21.630 ug/l
RT: 3.119 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2860
Ion Ratio Lower Upper
101 100
103 60.2 51.5 77.3

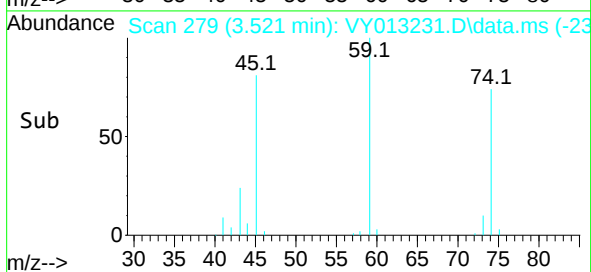
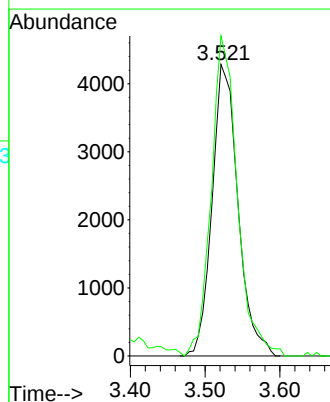
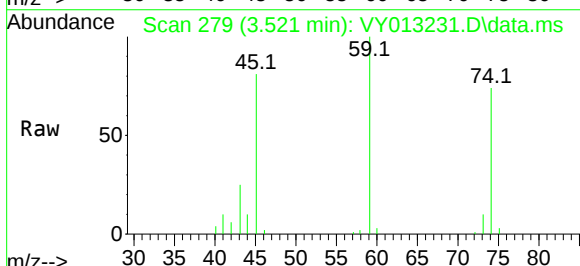
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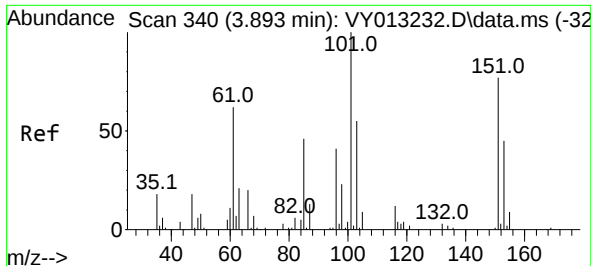
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#8
Diethyl Ether
Concen: 20.905 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion: 74 Resp: 10350
Ion Ratio Lower Upper
74 100
45 110.2 52.1 156.4





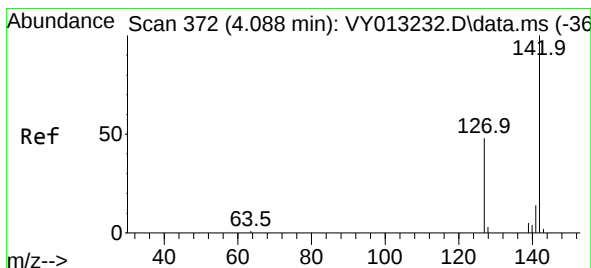
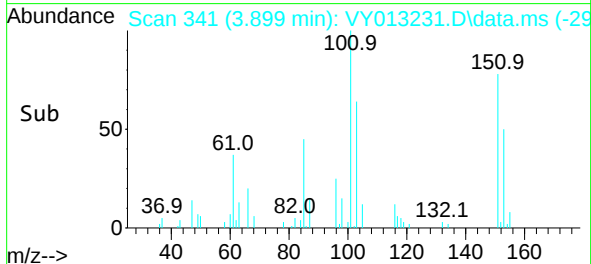
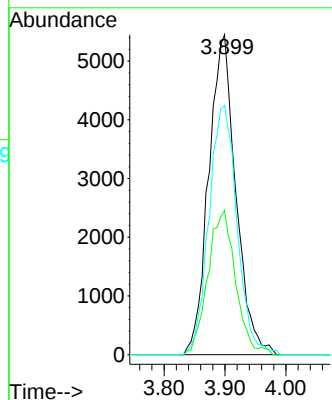
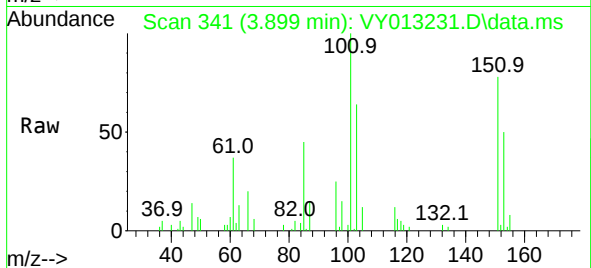
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.124 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 1684
Ion Ratio Lower Upper
101 100
85 46.0 35.3 52.9
151 80.8 63.1 94.7

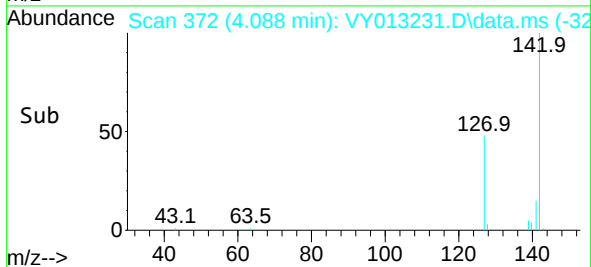
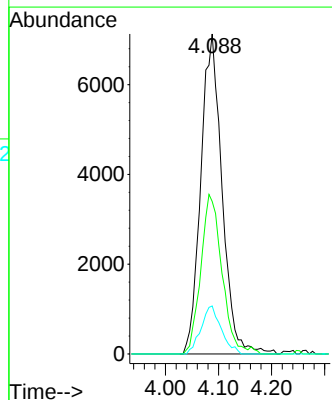
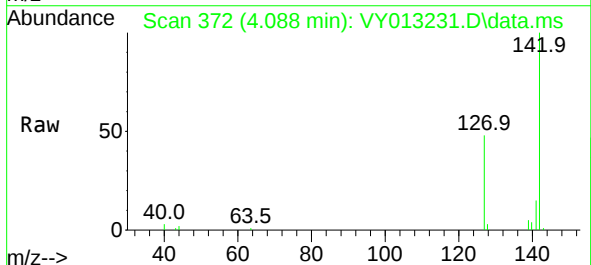
Manual Integrations
APPROVED

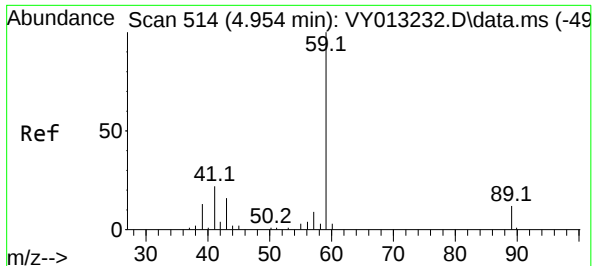
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#10
Methyl Iodide
Concen: 20.913 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

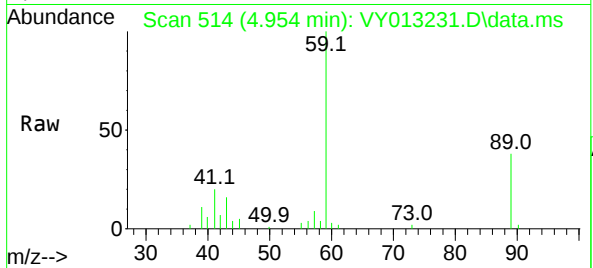
Tgt Ion:142 Resp: 19829
Ion Ratio Lower Upper
142 100
127 49.3 35.4 53.2
141 14.2 11.3 16.9





#11
Tert butyl alcohol
Concen: 89.850 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

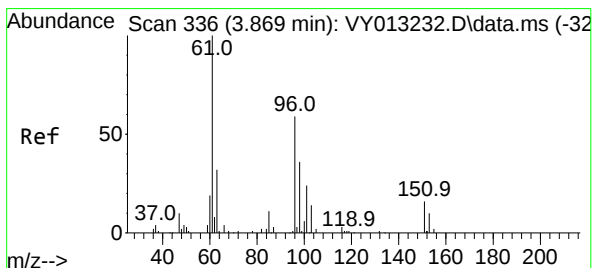
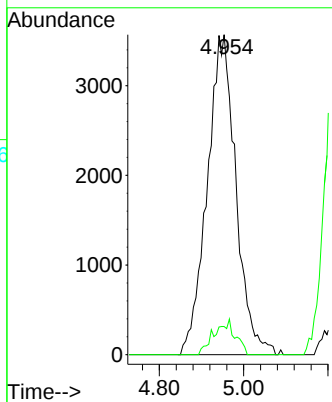
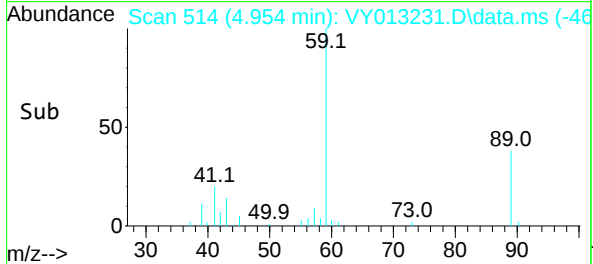
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



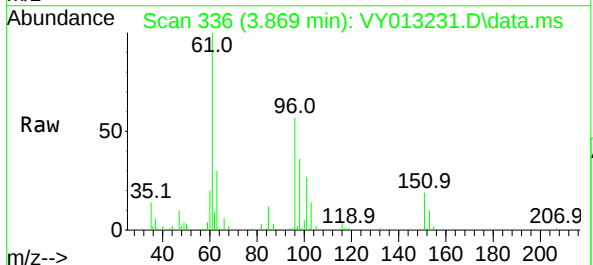
Tgt Ion: 59 Resp: 16890
Ion Ratio Lower Upper
59 100
57 8.0 7.7 11.5

Manual Integrations
APPROVED

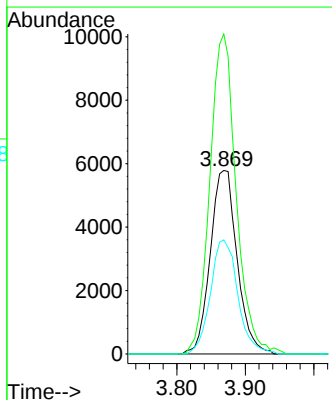
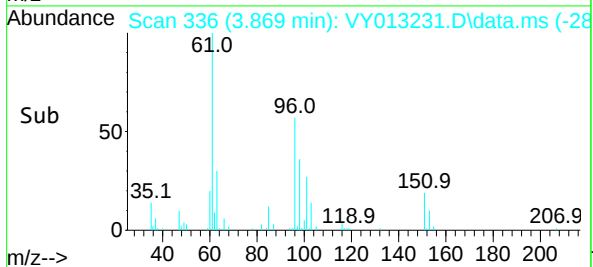
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

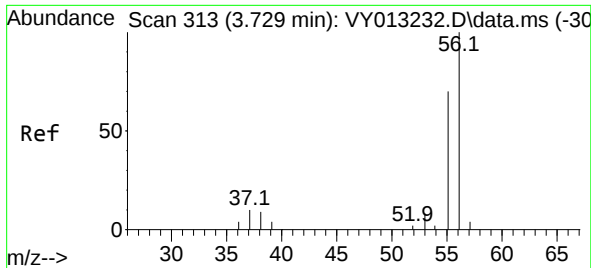


#12
1,1-Dichloroethene
Concen: 22.285 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



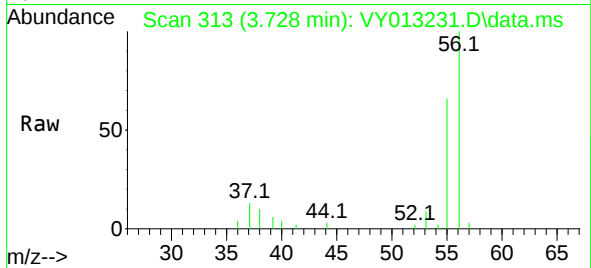
Tgt Ion: 96 Resp: 15722
Ion Ratio Lower Upper
96 100
61 174.4 131.7 197.5
98 62.2 52.0 78.0





#13
Acrolein
Concen: 104.492 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.001 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

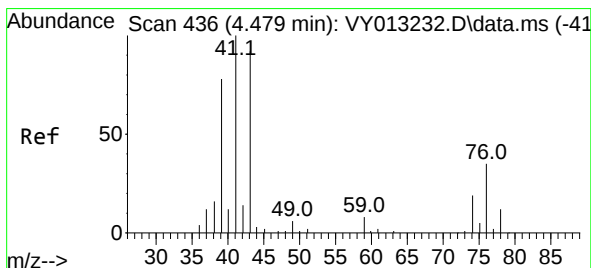
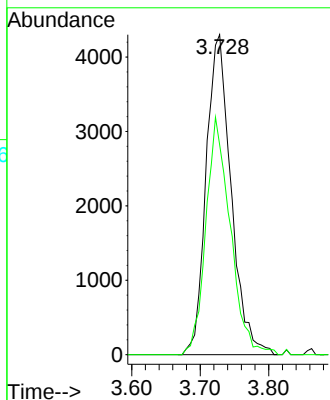
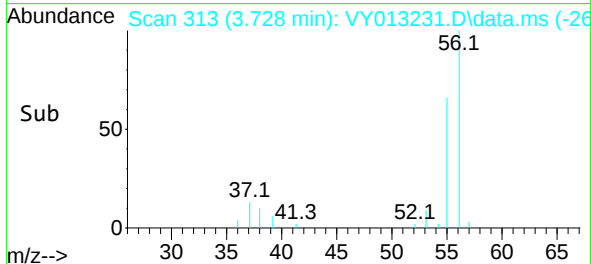
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



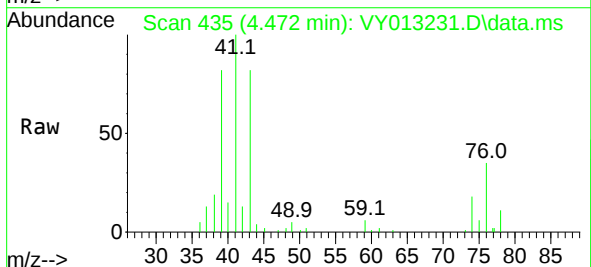
Tgt Ion: 56 Resp: 10860
Ion Ratio Lower Upper
56 100
55 73.0 56.8 85.2

Manual Integrations
APPROVED

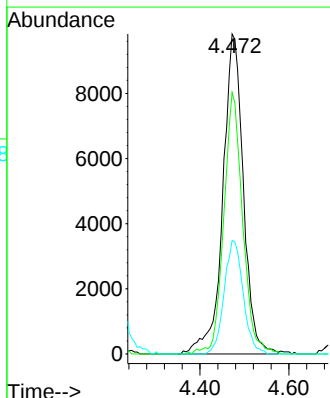
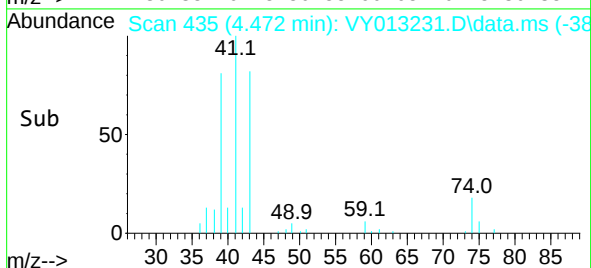
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

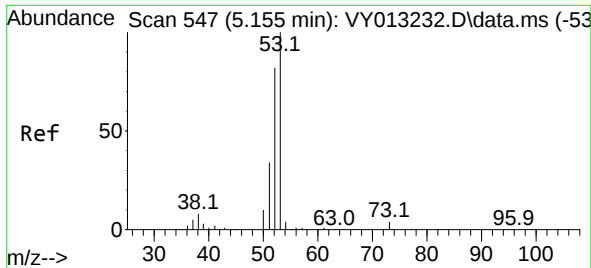


#14
Allyl chloride
Concen: 21.276 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



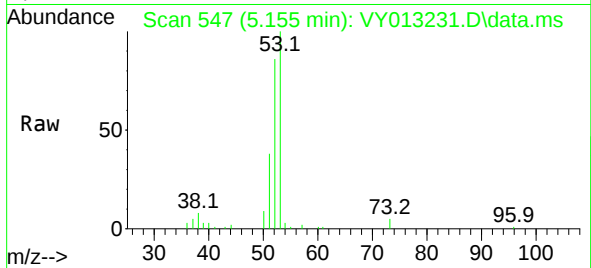
Tgt Ion: 41 Resp: 31501
Ion Ratio Lower Upper
41 100
39 75.0 53.6 80.4
76 32.7 27.2 40.8





#15
Acrylonitrile
Concen: 95.804 ug/l
RT: 5.155 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

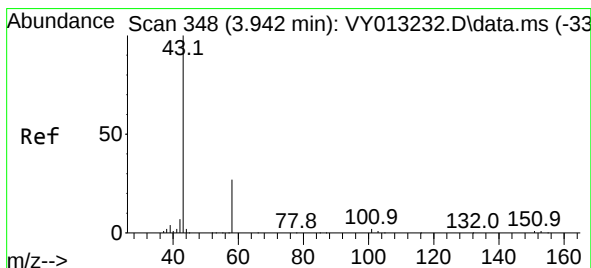
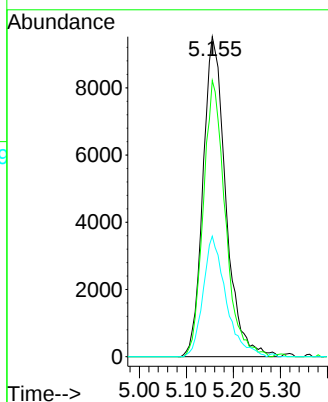
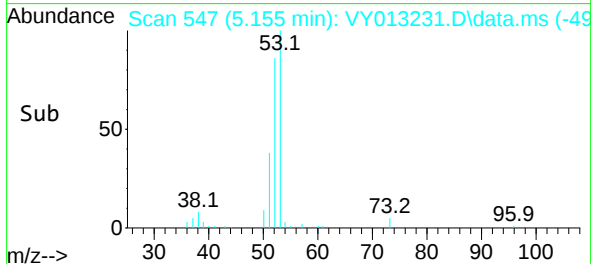
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 32024
Ion Ratio Lower Upper
53 100
52 83.3 66.3 99.5
51 37.8 28.8 43.2

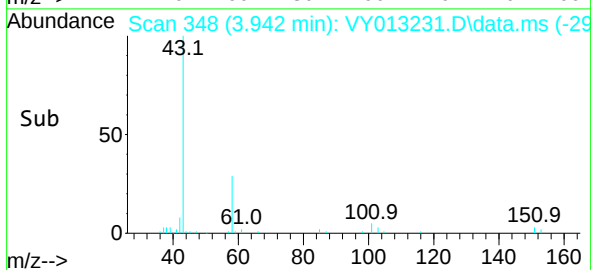
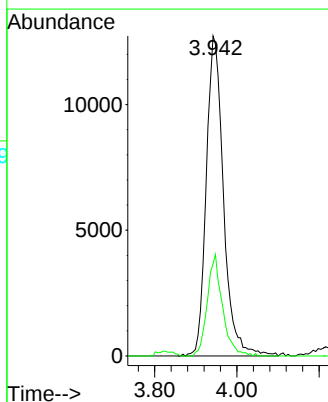
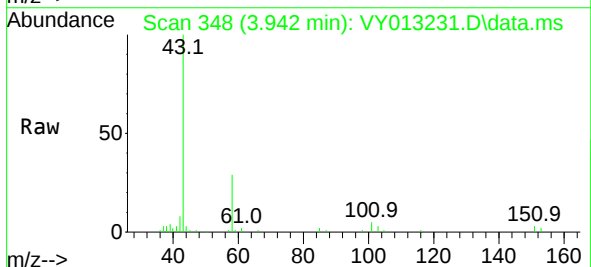
Manual Integrations
APPROVED

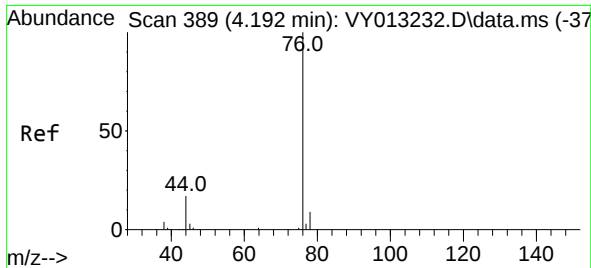
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#16
Acetone
Concen: 89.269 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

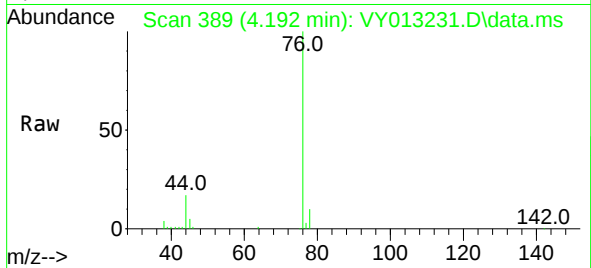
Tgt Ion: 43 Resp: 37102
Ion Ratio Lower Upper
43 100
58 28.8 24.2 36.2





#17
Carbon Disulfide
Concen: 24.744 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

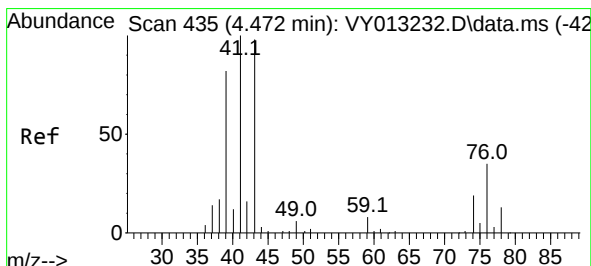
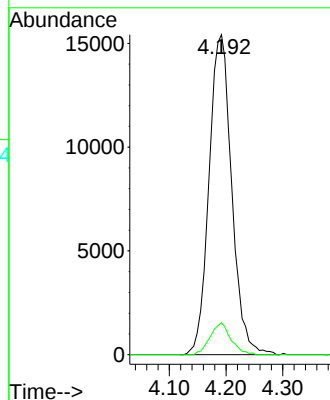
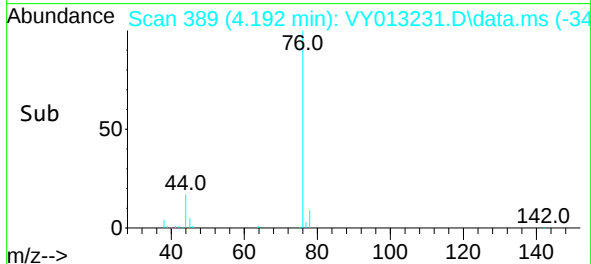
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 42819
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7

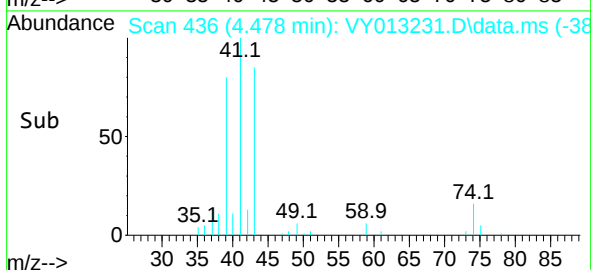
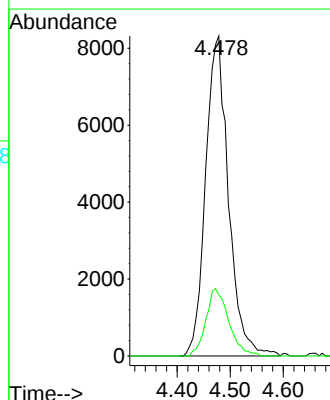
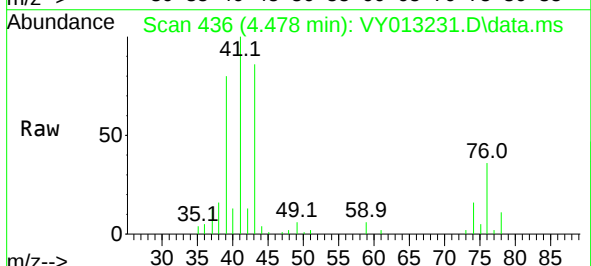
Manual Integrations
APPROVED

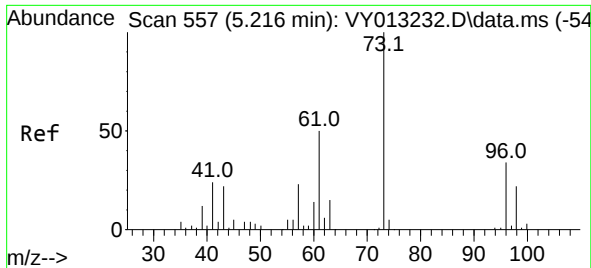
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#18
Methyl Acetate
Concen: 19.614 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion: 43 Resp: 24909
Ion Ratio Lower Upper
43 100
74 21.0 17.4 26.0





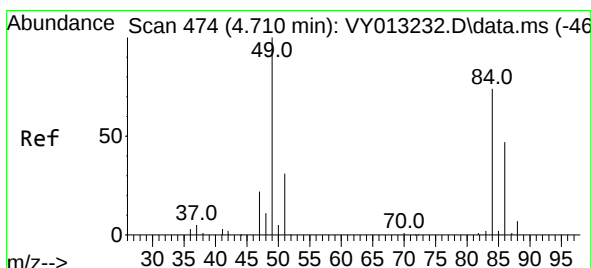
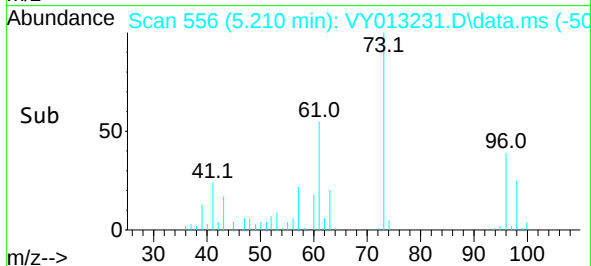
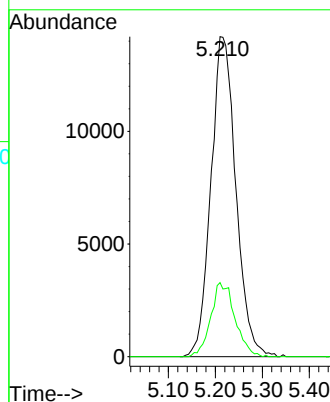
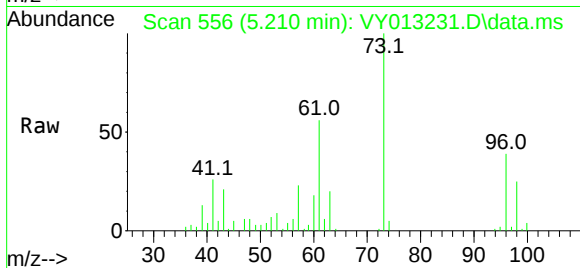
#19
Methyl tert-butyl Ether
Concen: 19.995 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 5237
Ion Ratio Lower Upper
73 100
57 23.2 18.3 27.5

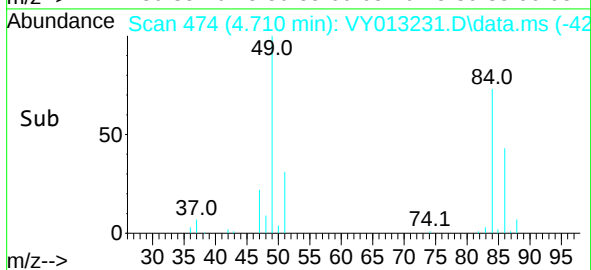
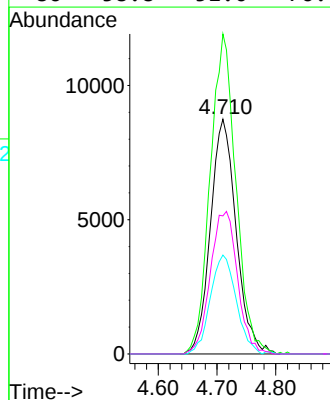
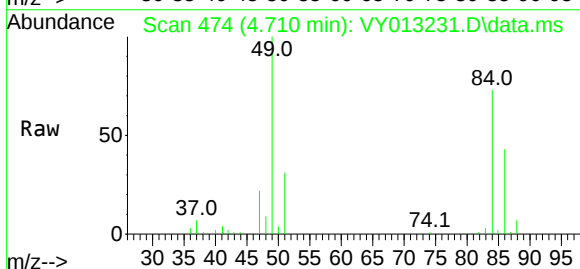
Manual Integrations
APPROVED

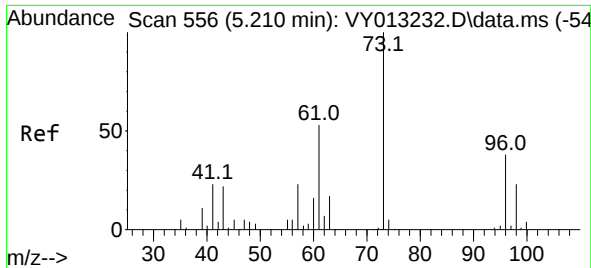
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#20
Methylene Chloride
Concen: 19.504 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

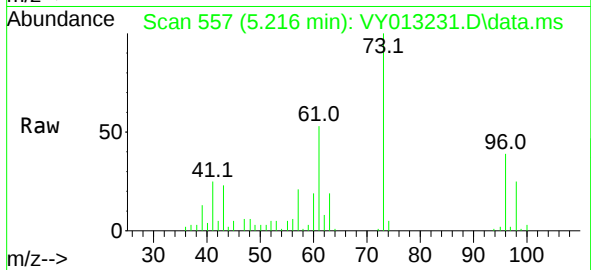
Tgt Ion: 84 Resp: 26632
Ion Ratio Lower Upper
84 100
49 136.3 102.6 154.0
51 42.1 31.9 47.9
86 58.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 21.805 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

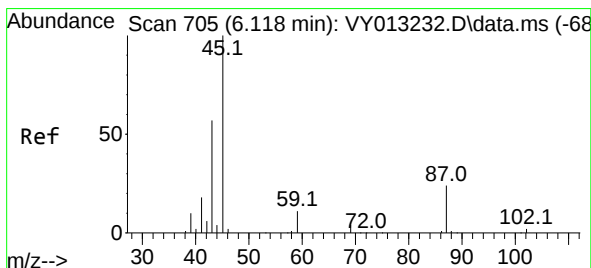
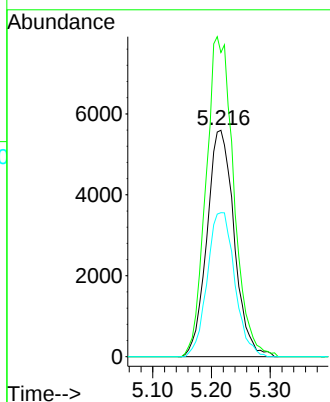
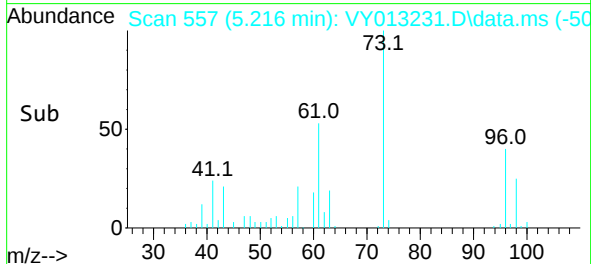
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 18009
Ion Ratio Lower Upper
96 100
61 134.3 111.4 167.0
98 63.6 50.8 76.2

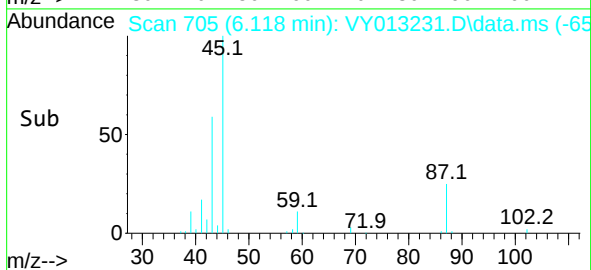
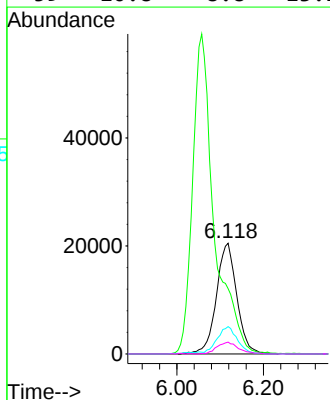
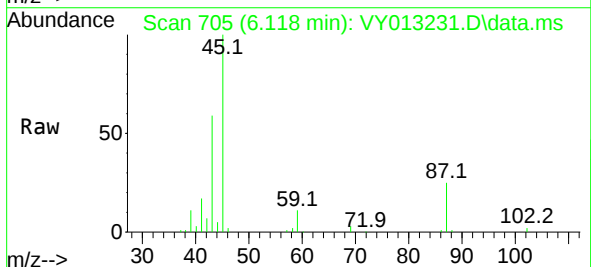
Manual Integrations
APPROVED

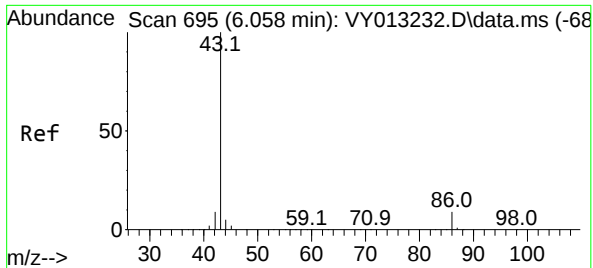
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#22
Diisopropyl ether
Concen: 20.741 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion: 45 Resp: 67456
Ion Ratio Lower Upper
45 100
43 58.6 45.0 67.6
87 24.7 20.3 30.5
59 10.8 8.8 13.2





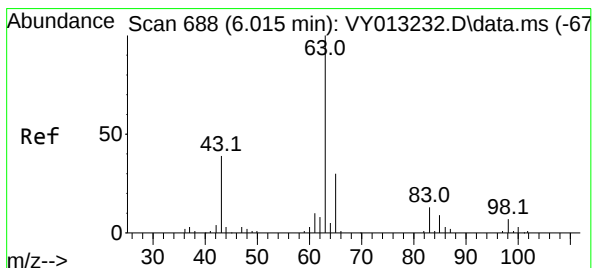
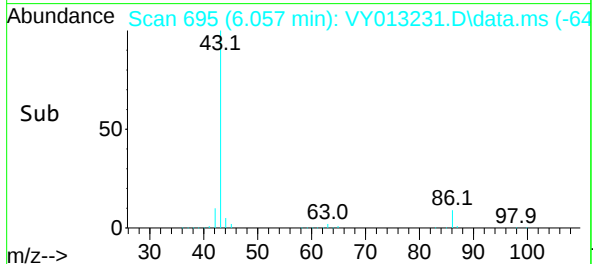
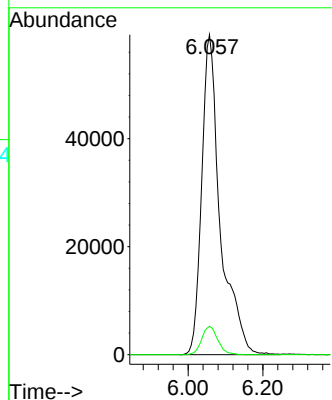
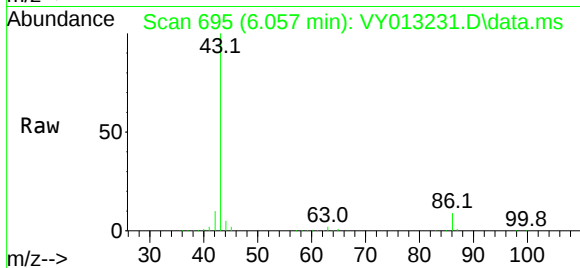
#23
 Vinyl Acetate
 Concen: 100.967 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013231.D
 Acq: 10 Apr 2023 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 20446
 Ion Ratio Lower Upper
 43 100
 86 8.9 7.8 11.8

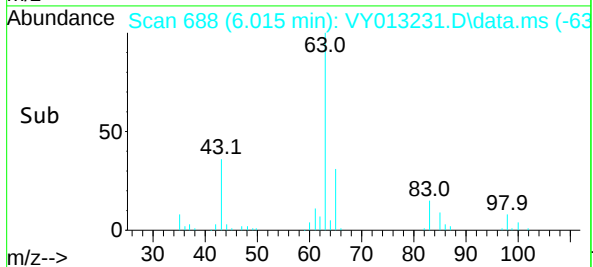
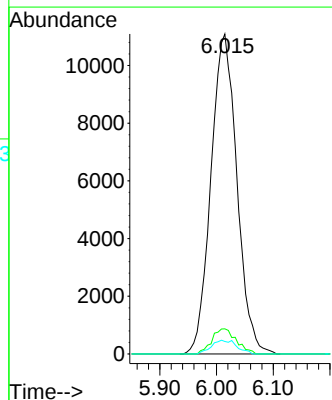
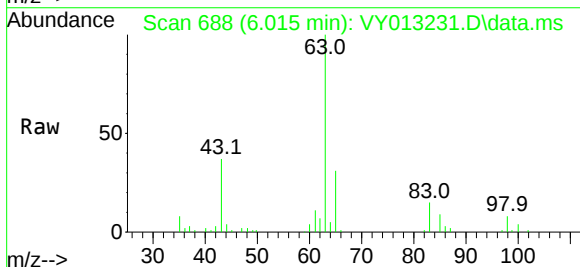
Manual Integrations
 APPROVED

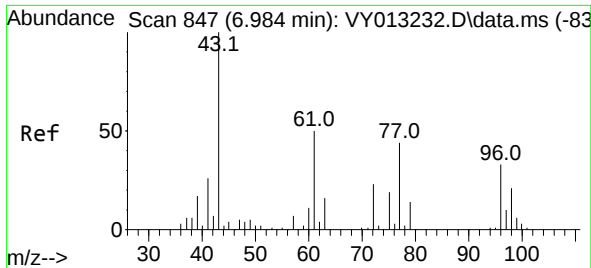
Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#24
 1,1-Dichloroethane
 Concen: 20.846 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013231.D
 Acq: 10 Apr 2023 17:23

Tgt Ion: 63 Resp: 35299
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.7 11.1
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 92.387 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 5009

Ion Ratio Lower Upper

43 100

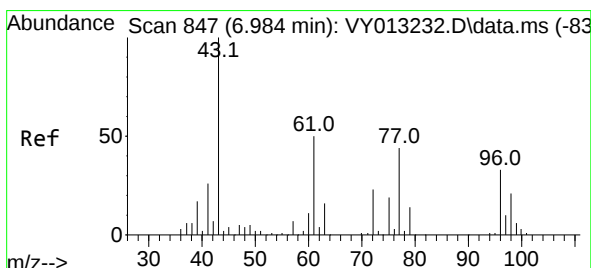
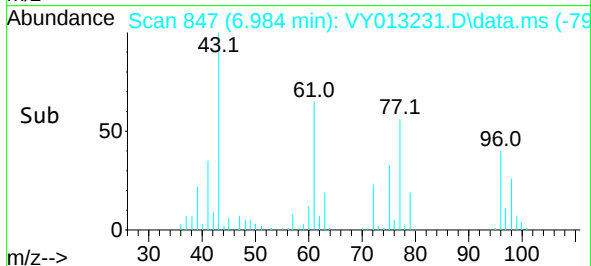
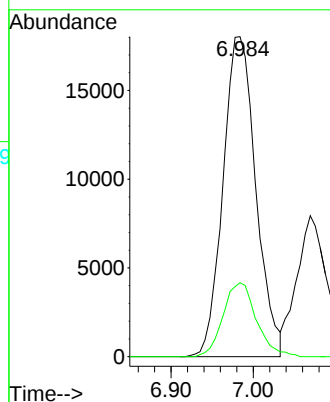
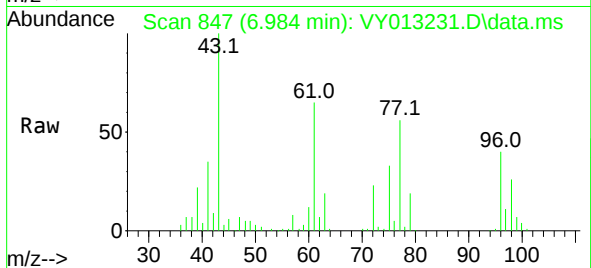
72 23.1 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#26

2,2-Dichloropropane

Concen: 20.510 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013231.D

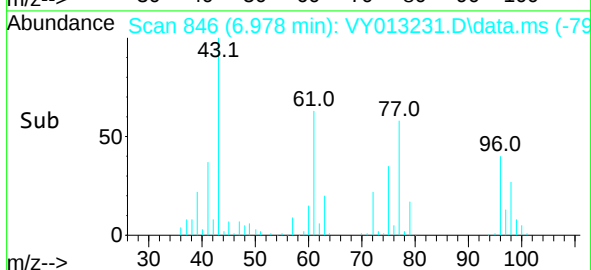
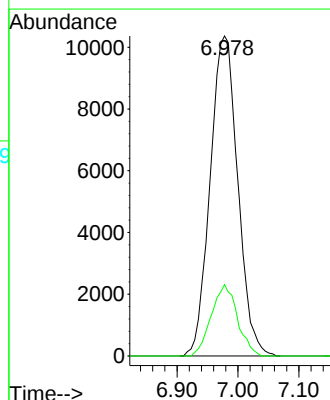
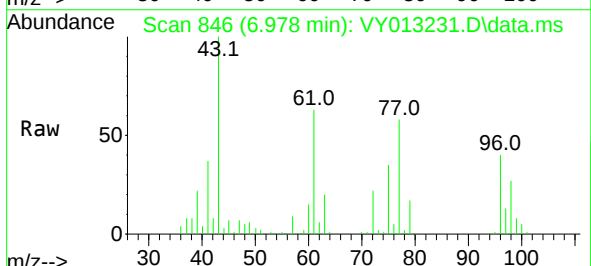
Acq: 10 Apr 2023 17:23

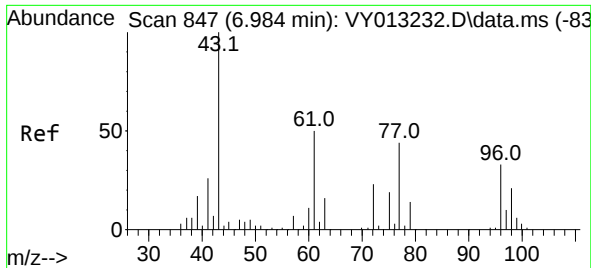
Tgt Ion: 77 Resp: 32678

Ion Ratio Lower Upper

77 100

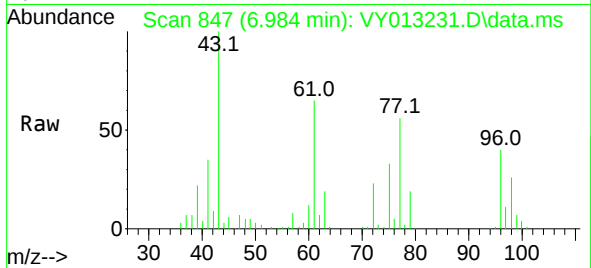
97 21.0 11.7 35.0





#27
 cis-1,2-Dichloroethene
 Concen: 20.660 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY013231.D
 Acq: 10 Apr 2023 17:23

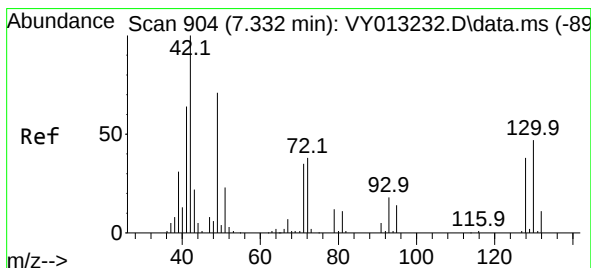
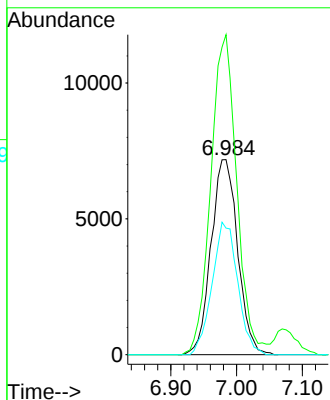
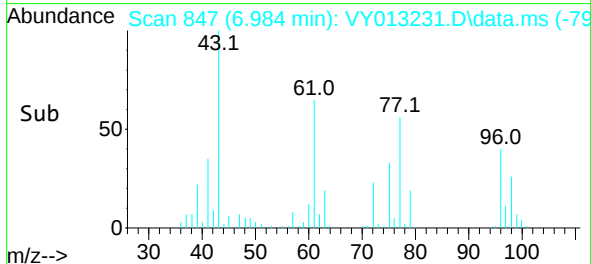
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



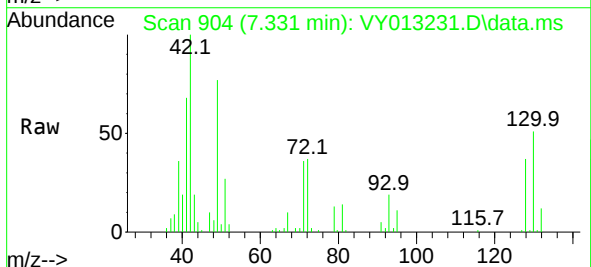
Tgt Ion: 96 Resp: 2023
 Ion Ratio Lower Upper
 96 100
 61 159.7 0.0 295.8
 98 65.2 0.0 130.2

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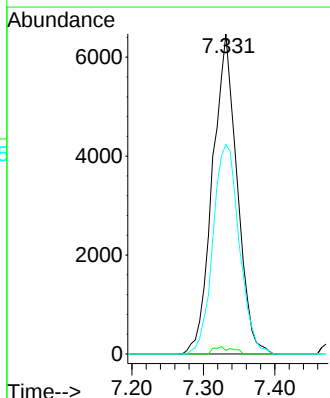
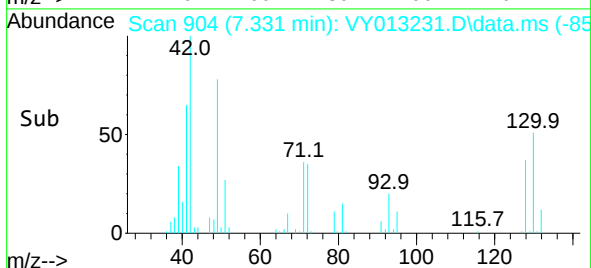
Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

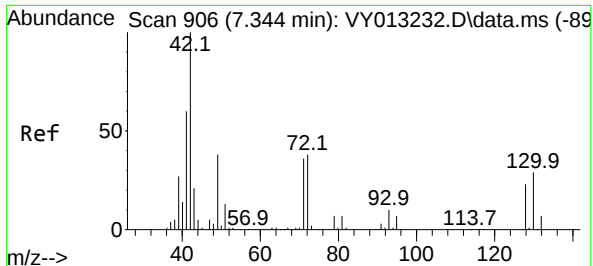


#28
 Bromochloromethane
 Concen: 19.519 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013231.D
 Acq: 10 Apr 2023 17:23



Tgt Ion: 49 Resp: 15439
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.2
 130 70.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 95.283 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

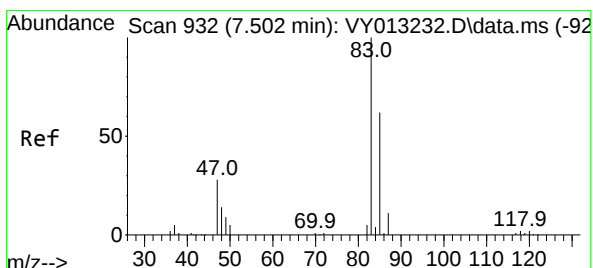
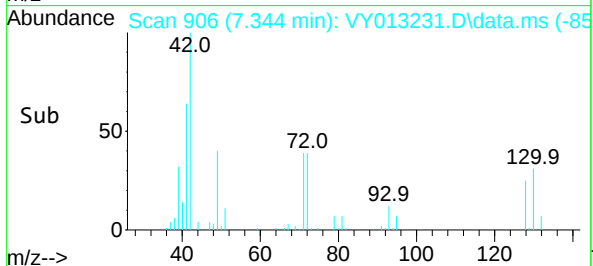
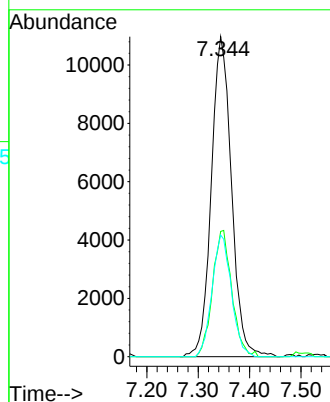
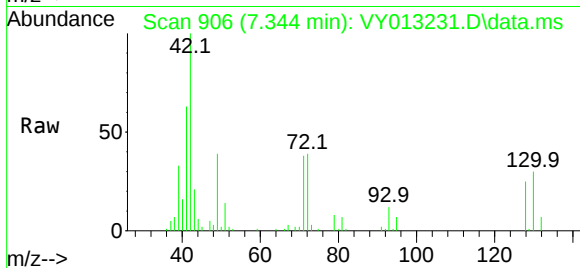
Tgt Ion: 42	Resp: 2997
Ion Ratio	Lower Upper
42 100	
72 37.7	32.3 48.5
71 36.3	30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#30

Chloroform

Concen: 20.777 ug/l

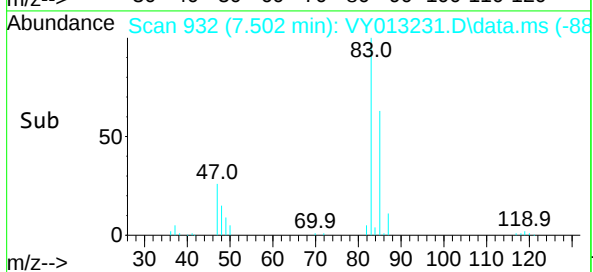
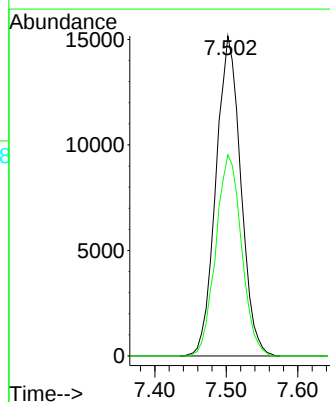
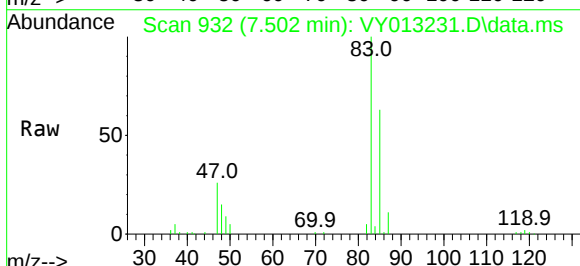
RT: 7.502 min Scan# 932

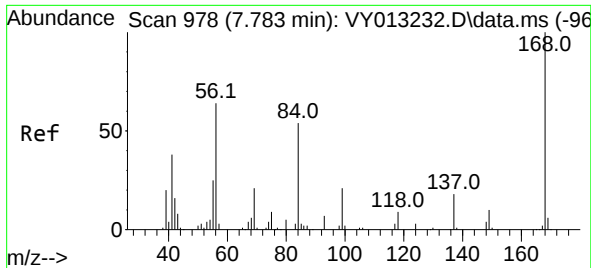
Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

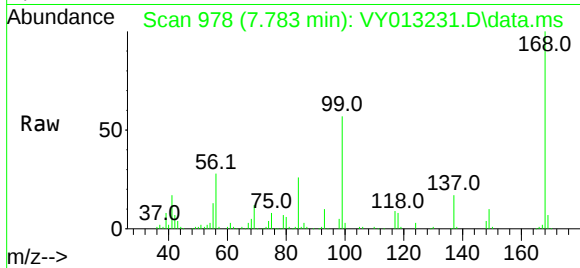
Tgt Ion: 83	Resp: 36608
Ion Ratio	Lower Upper
83 100	
85 62.9	51.4 77.0





#31
Cyclohexane
Concen: 21.235 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

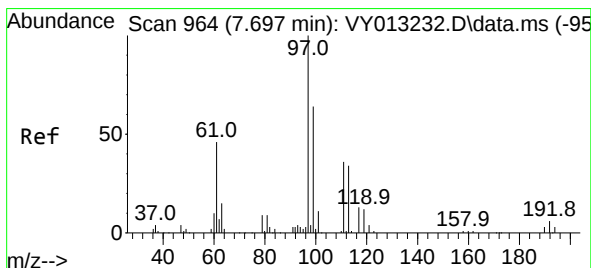
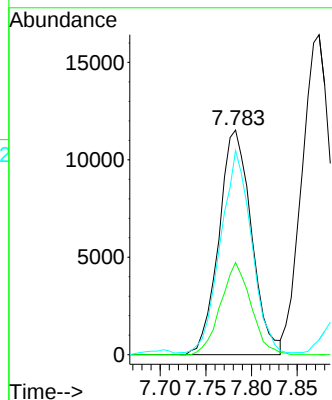
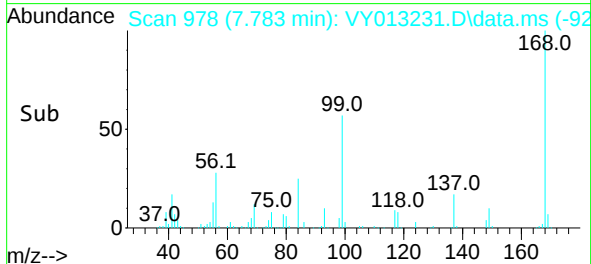
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



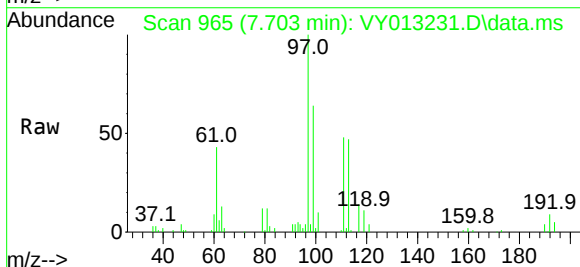
Tgt Ion: 56 Resp: 2859
Ion Ratio Lower Upper
56 100
69 41.1 25.7 38.5
84 90.0 64.3 96.5

Manual Integrations
APPROVED

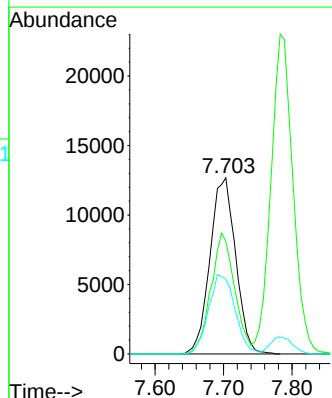
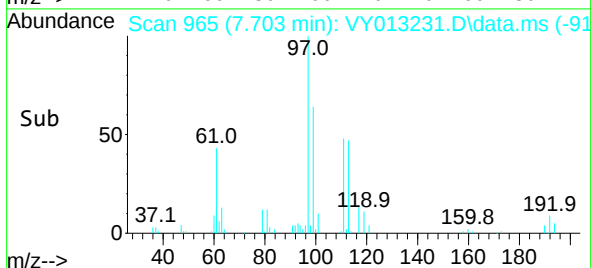
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

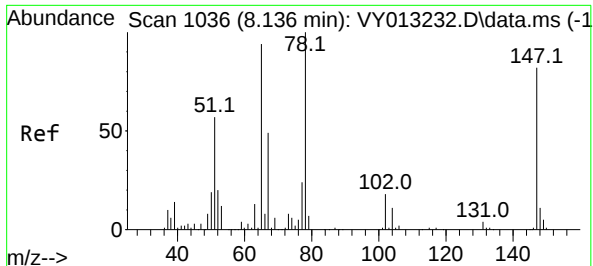


#32
1,1,1-Trichloroethane
Concen: 21.344 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



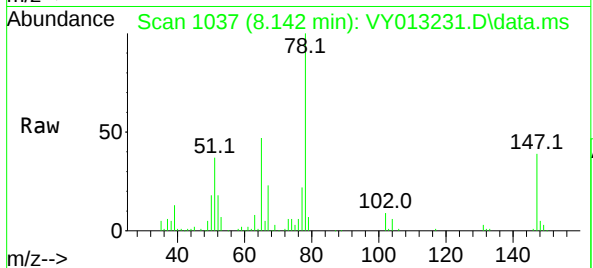
Tgt Ion: 97 Resp: 32974
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.6
61 46.5 34.5 51.7





#33
1,2-Dichloroethane-d4
Concen: 20.295 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

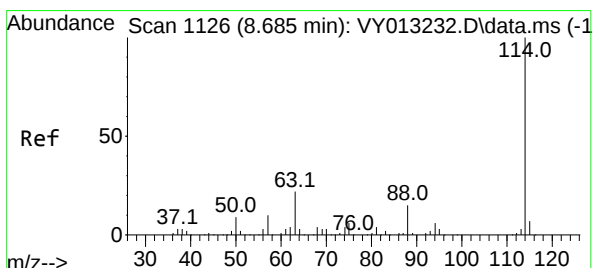
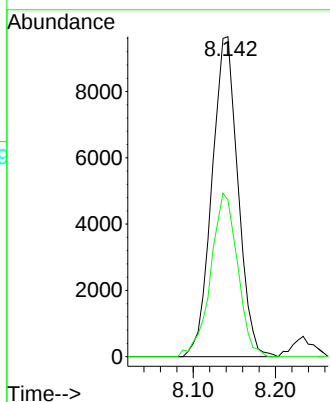
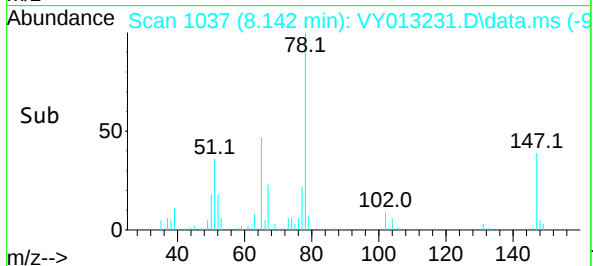
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 65 Resp: 21249
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.0

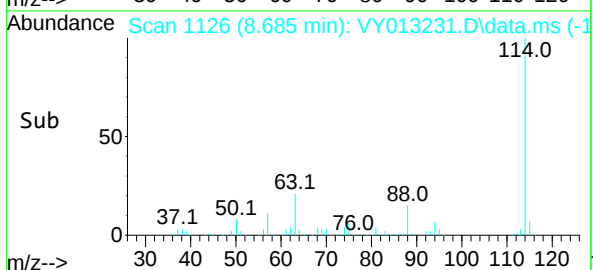
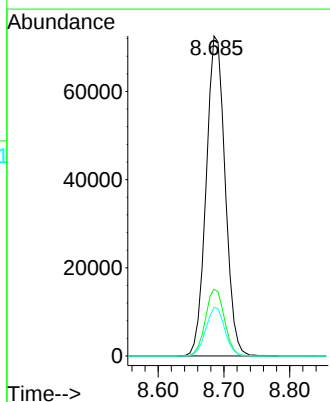
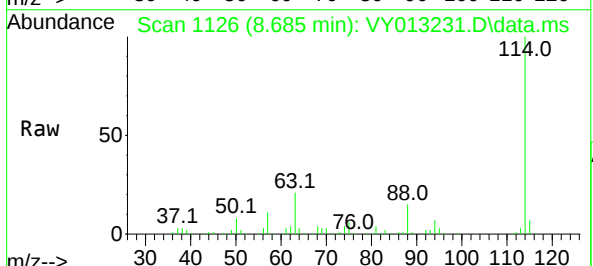
Manual Integrations
APPROVED

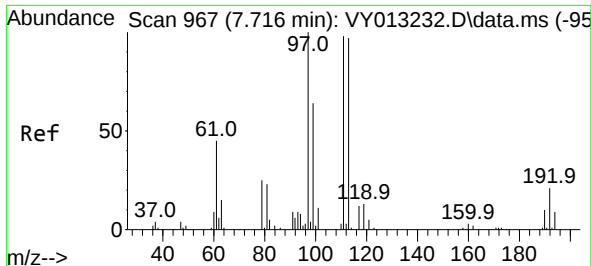
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion:114 Resp: 145476
Ion Ratio Lower Upper
114 100
63 20.8 0.0 37.4
88 15.2 0.0 28.6





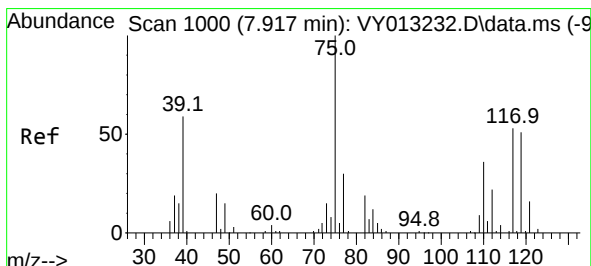
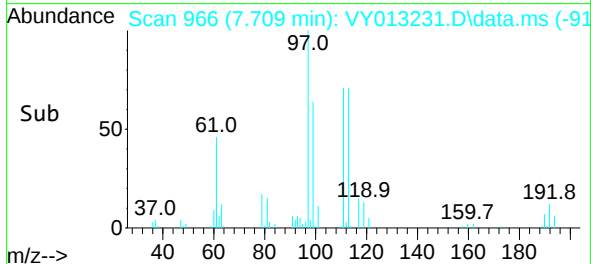
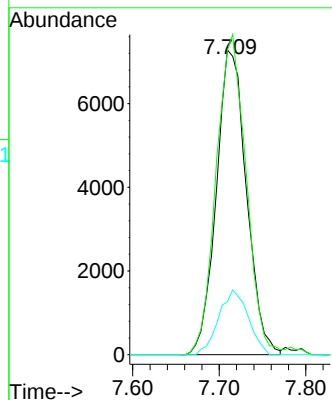
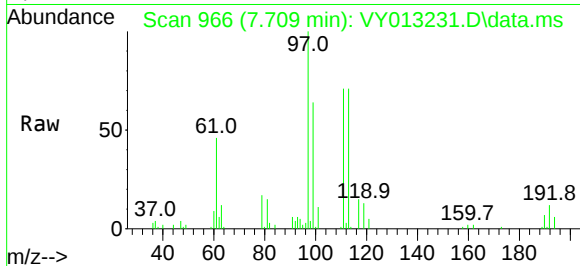
#35
Dibromofluoromethane
Concen: 20.177 ug/l
RT: 7.709 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 1762
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 20.8 16.8 25.2

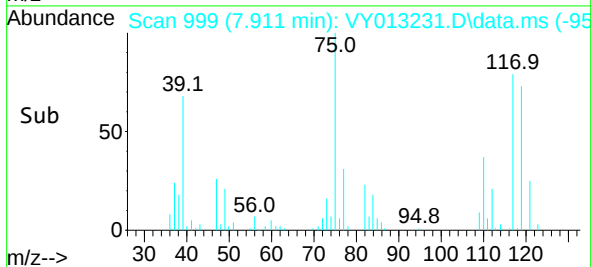
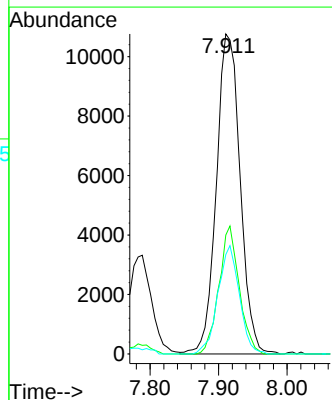
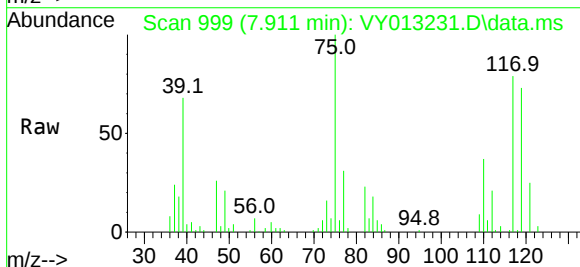
Manual Integrations
APPROVED

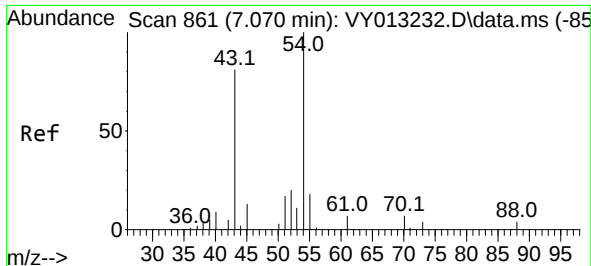
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#36
1,1-Dichloropropene
Concen: 21.432 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion: 75 Resp: 25933
Ion Ratio Lower Upper
75 100
110 34.1 17.8 53.3
77 30.5 25.0 37.4





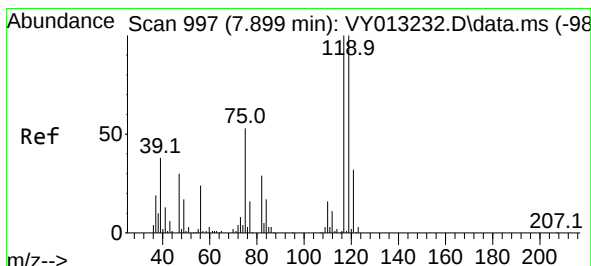
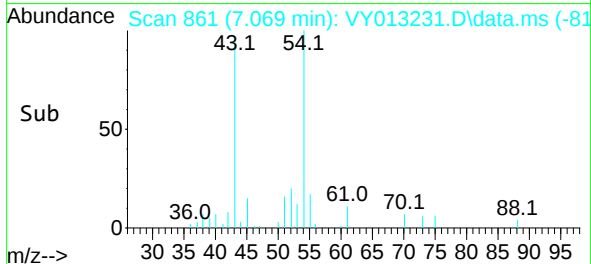
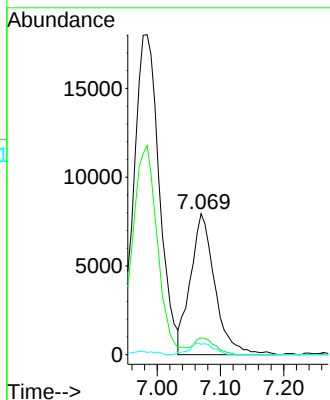
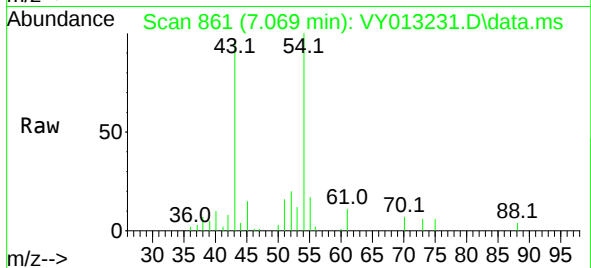
#37
Ethyl Acetate
Concen: 19.437 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 21295
Ion Ratio Lower Upper
43 100
61 10.0 10.7 16.1
70 8.0 7.8 11.8

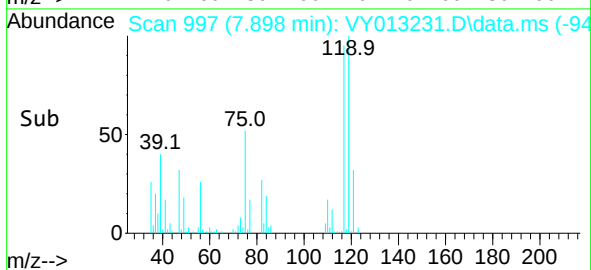
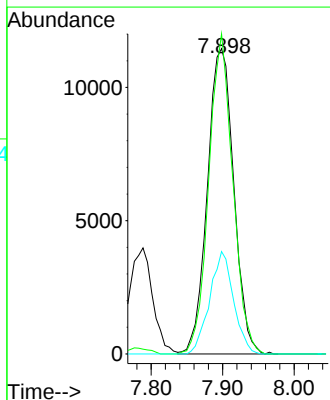
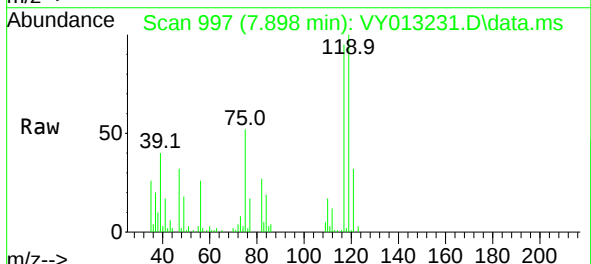
Manual Integrations
APPROVED

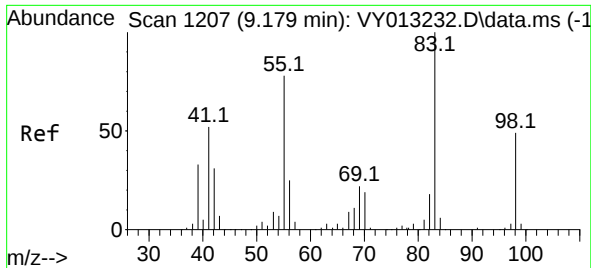
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#38
Carbon Tetrachloride
Concen: 20.945 ug/l
RT: 7.898 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

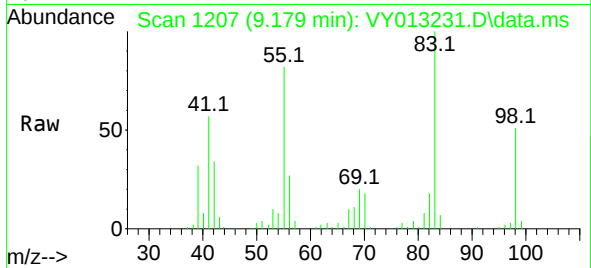
Tgt Ion:117 Resp: 29441
Ion Ratio Lower Upper
117 100
119 104.8 77.2 115.8
121 33.5 24.7 37.1





#39
Methylcyclohexane
Concen: 21.077 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

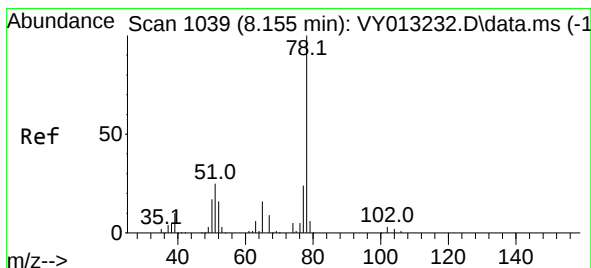
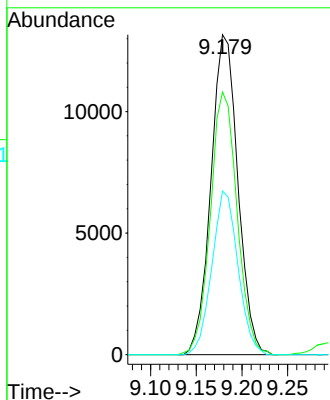
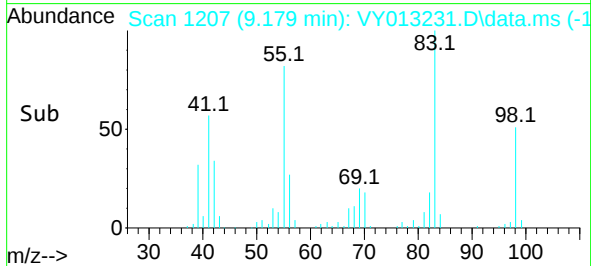
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



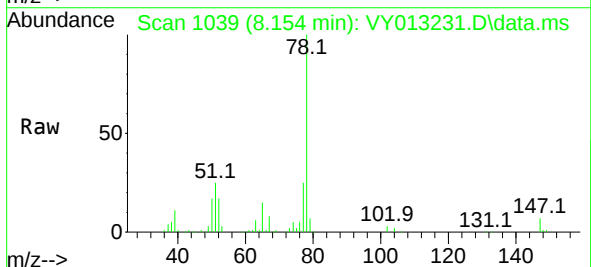
Tgt Ion: 83 Resp: 2696
Ion Ratio Lower Upper
83 100
55 82.1 60.0 90.0
98 51.1 38.3 57.5

Manual Integrations
APPROVED

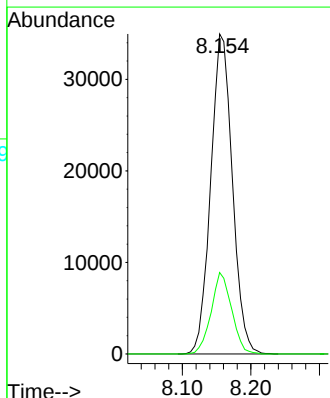
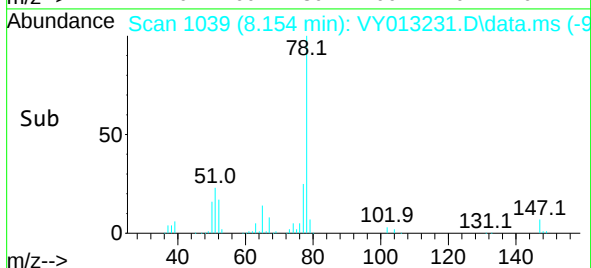
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

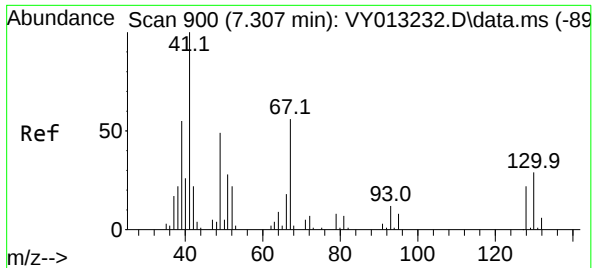


#40
Benzene
Concen: 21.391 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



Tgt Ion: 78 Resp: 76550
Ion Ratio Lower Upper
78 100
77 25.4 19.4 29.0





#41
Methacrylonitrile
Concen: 23.067 ug/l m
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

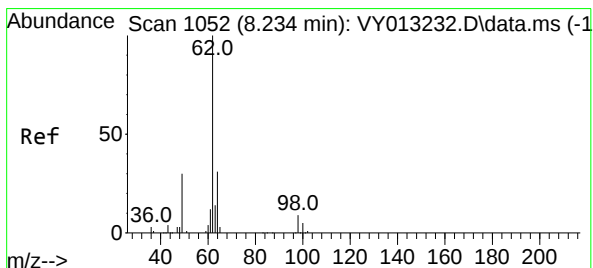
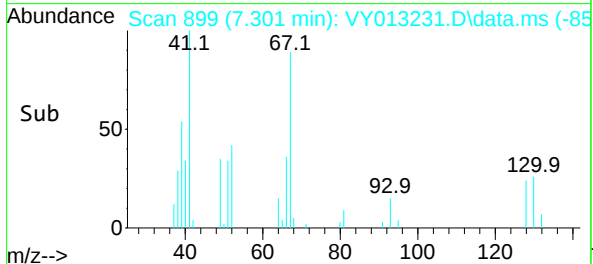
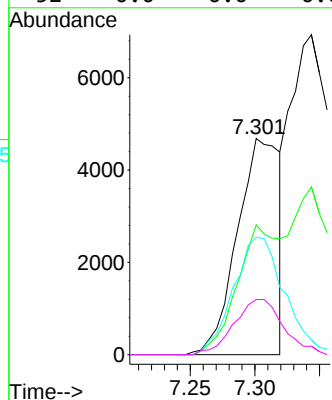
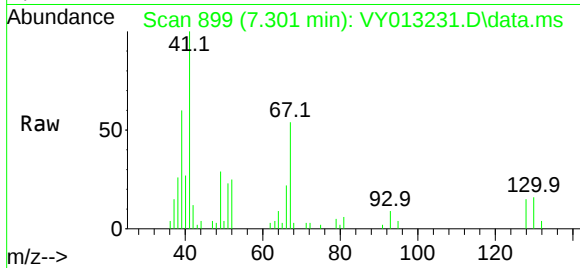
Tgt Ion: 41 Resp: 10689
Ion Ratio Lower Upper
41 100
39 73.9 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations

APPROVED

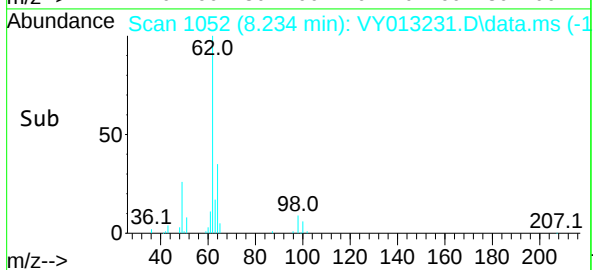
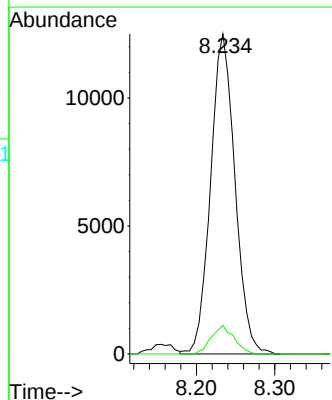
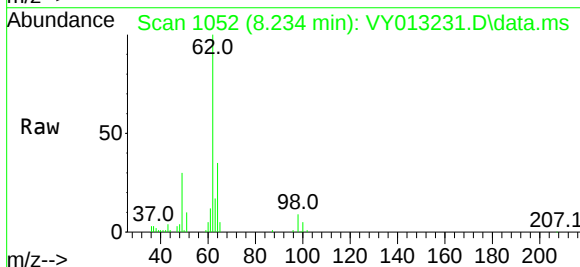
Reviewed By :Krupa Patel 04/12/2023

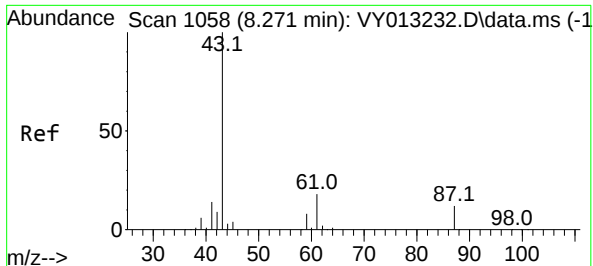
Supervised By :Mahesh Dadoda 04/12/2023



#42
1,2-Dichloroethane
Concen: 20.863 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

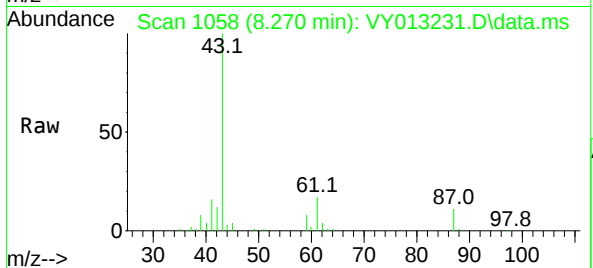
Tgt Ion: 62 Resp: 27033
Ion Ratio Lower Upper
62 100
98 8.3 0.0 18.8





#43
Isopropyl Acetate
Concen: 18.972 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

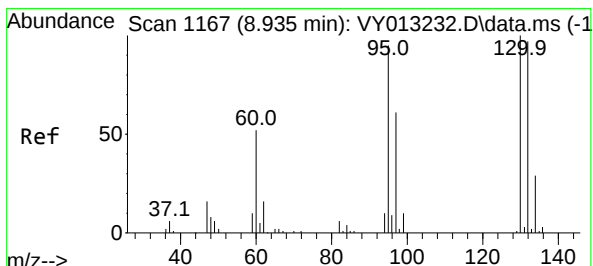
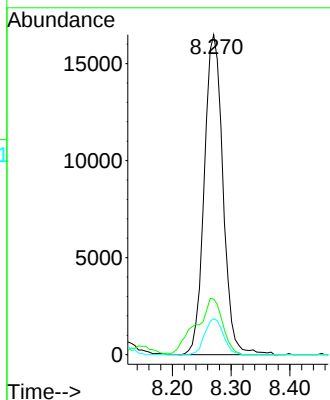
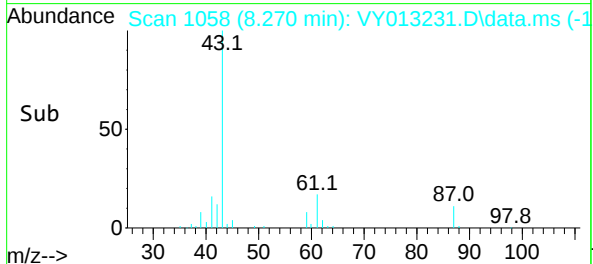
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



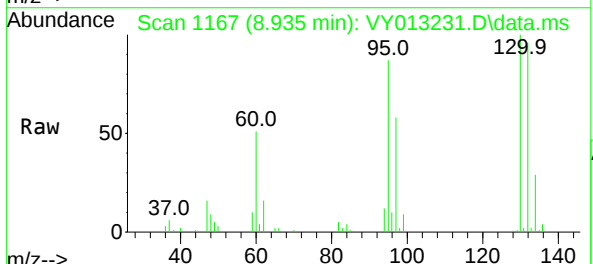
Tgt Ion: 43 Resp: 3645
Ion Ratio Lower Upper
43 100
61 25.0 21.6 32.4
87 11.1 9.9 14.9

Manual Integrations
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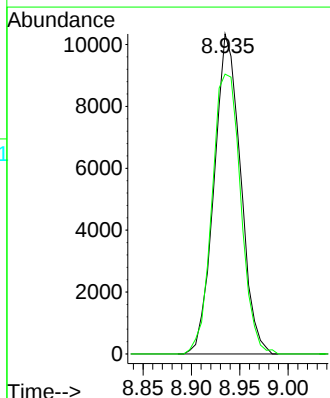
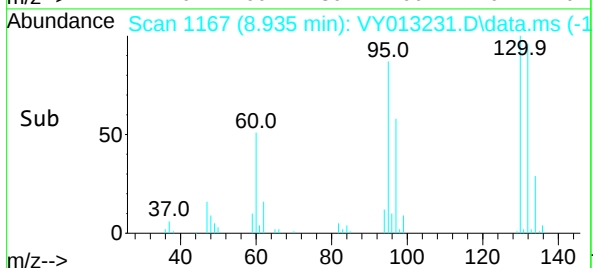
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

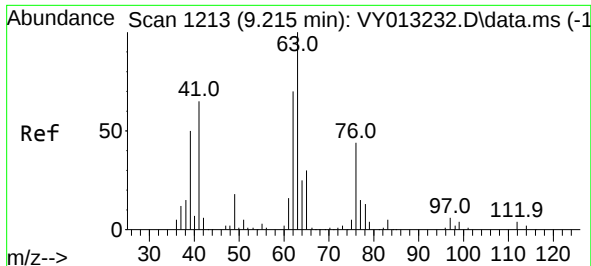


#44
Trichloroethene
Concen: 21.212 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



Tgt Ion:130 Resp: 19680
Ion Ratio Lower Upper
130 100
95 87.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 20.866 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 2027

Ion Ratio Lower Upper

63 100

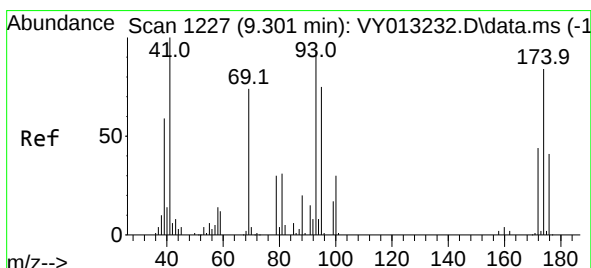
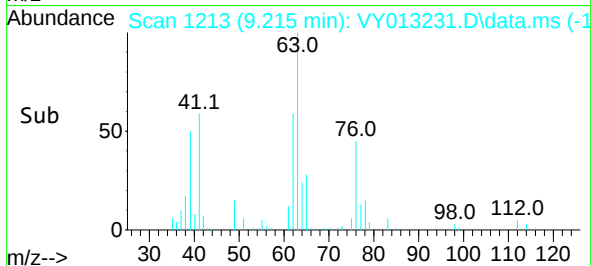
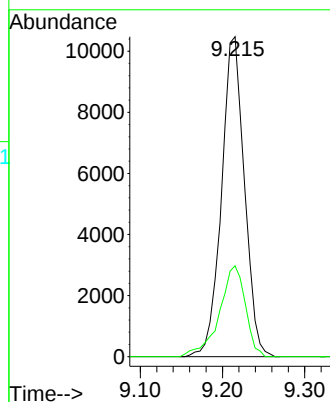
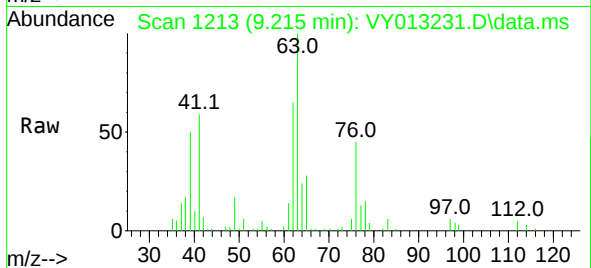
65 28.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#46

Dibromomethane

Concen: 20.443 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

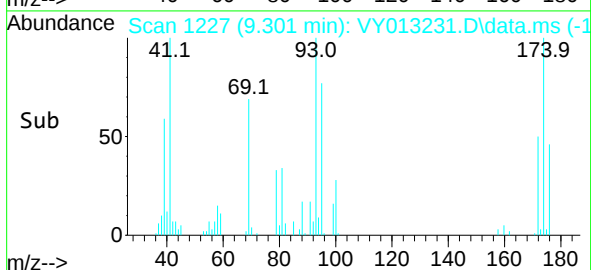
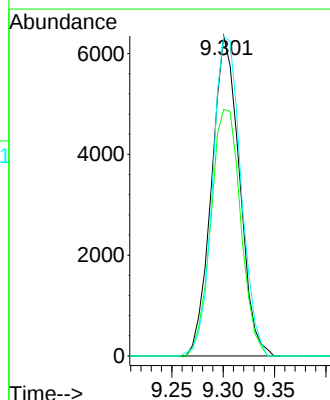
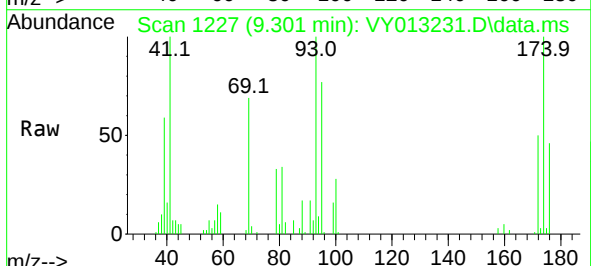
Tgt Ion: 93 Resp: 11951

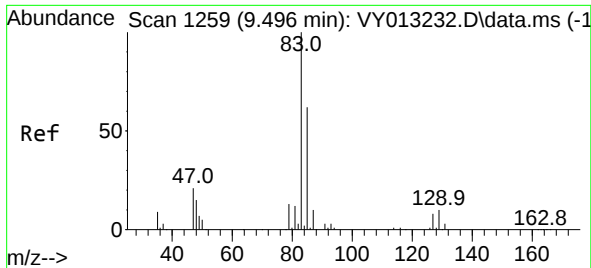
Ion Ratio Lower Upper

93 100

95 82.1 65.6 98.4

174 101.0 81.3 121.9





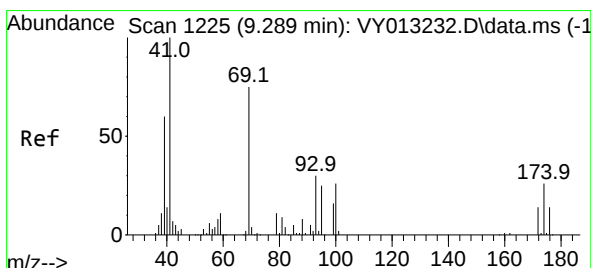
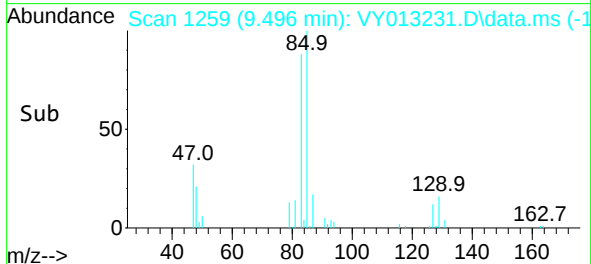
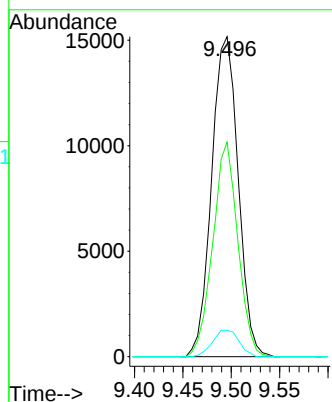
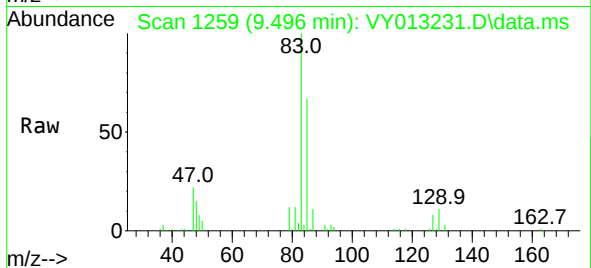
#47
Bromodichloromethane
Concen: 20.483 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 2892
Ion Ratio Lower Upper
83 100
85 67.1 50.2 75.4
127 8.2 6.3 9.5

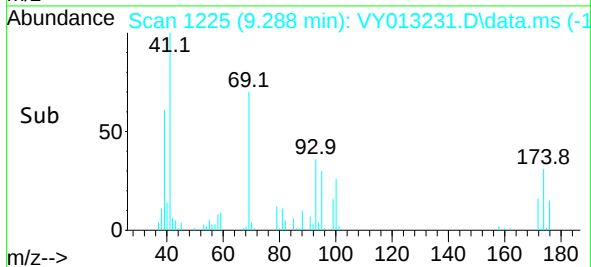
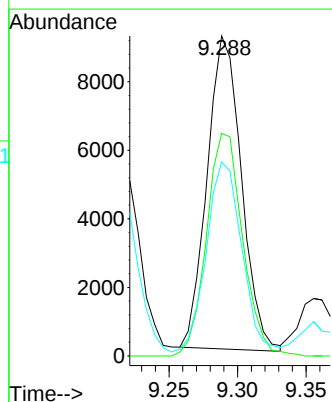
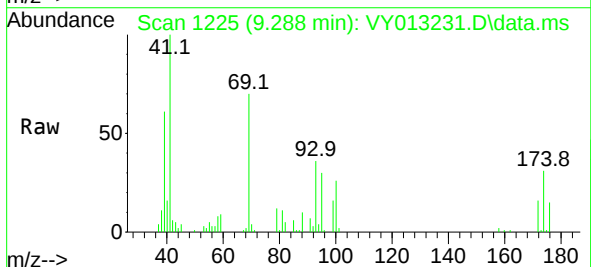
Manual Integrations
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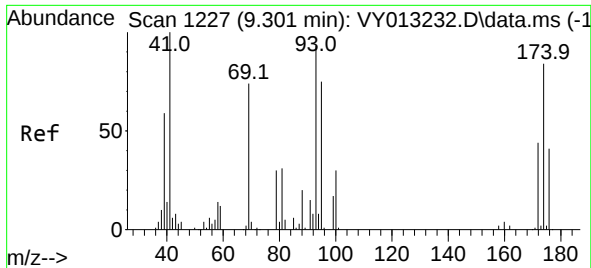
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#48
Methyl methacrylate
Concen: 19.130 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.001 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion: 41 Resp: 15911
Ion Ratio Lower Upper
41 100
69 74.8 64.1 96.1
39 65.8 44.0 66.0





#49

1,4-Dioxane

Concen: 394.266 ug/l

RT: 9.294 min Scan# 1226

Delta R.T. -0.007 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 88 Resp: 319

Ion Ratio Lower Upper

88 100

43 35.9 28.6 42.8

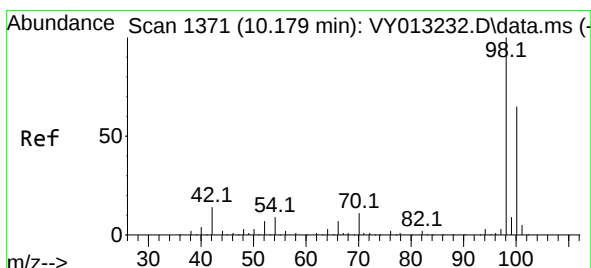
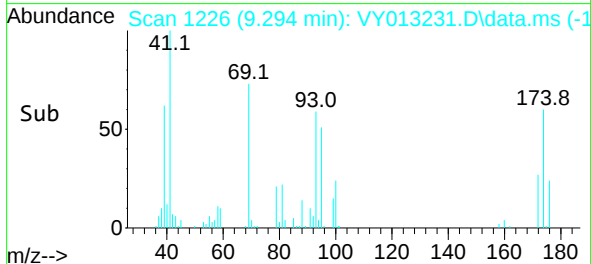
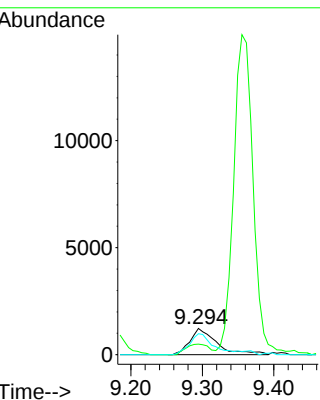
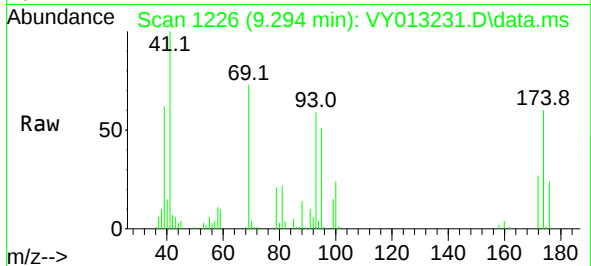
58 73.1 55.2 82.8

Manual Integrations

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Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#50

Toluene-d8

Concen: 20.297 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013231.D

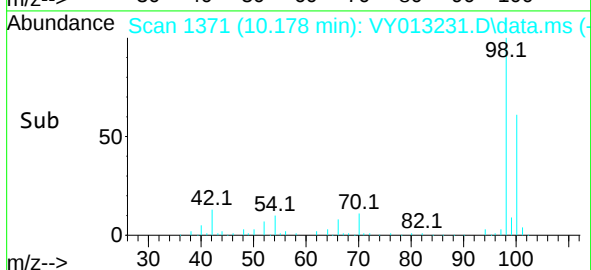
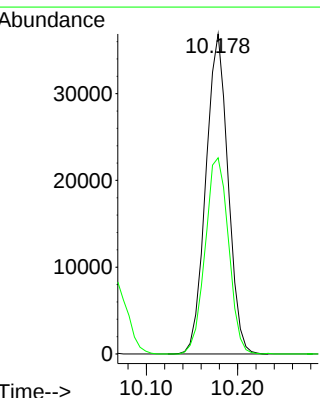
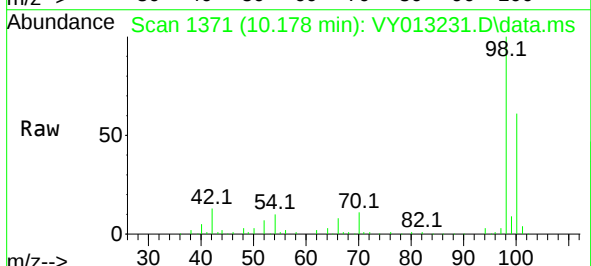
Acq: 10 Apr 2023 17:23

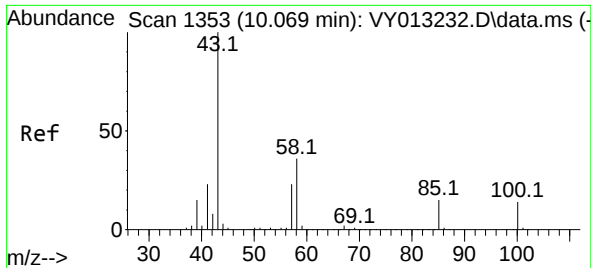
Tgt Ion: 98 Resp: 62104

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3





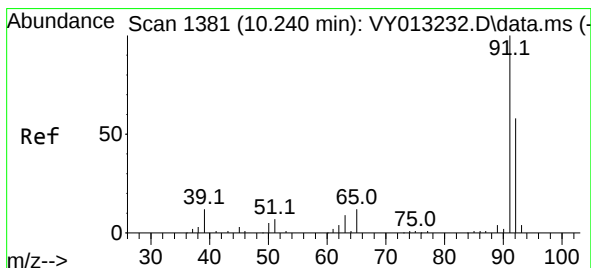
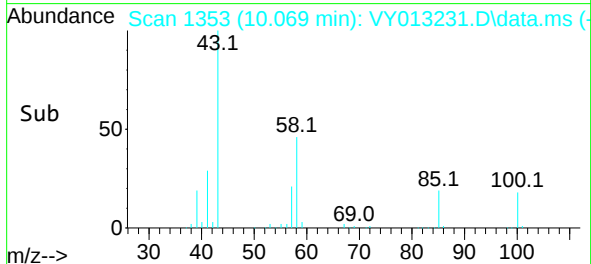
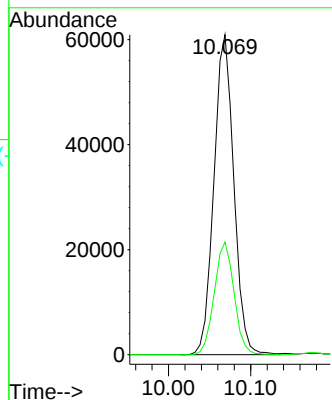
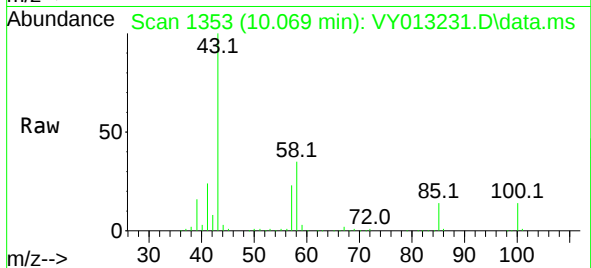
#51
4-Methyl-2-Pentanone
Concen: 94.435 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 10232
Ion Ratio Lower Upper
43 100
58 35.0 29.8 44.6

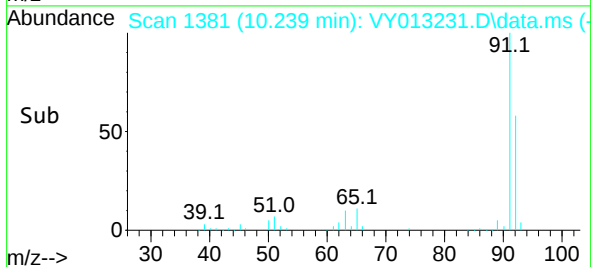
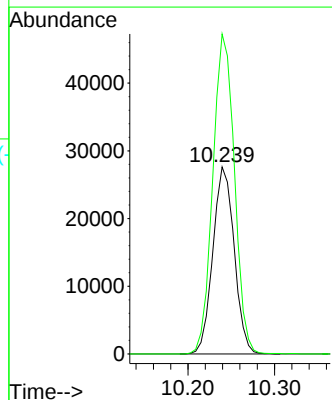
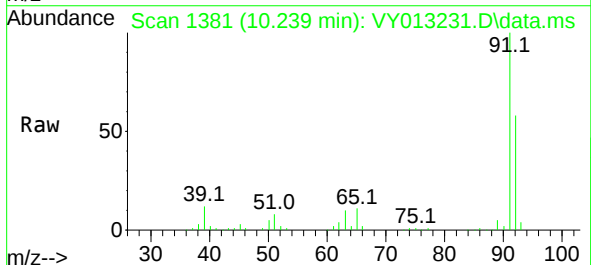
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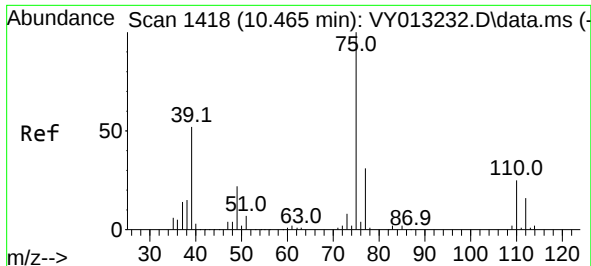
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#52
Toluene
Concen: 21.293 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

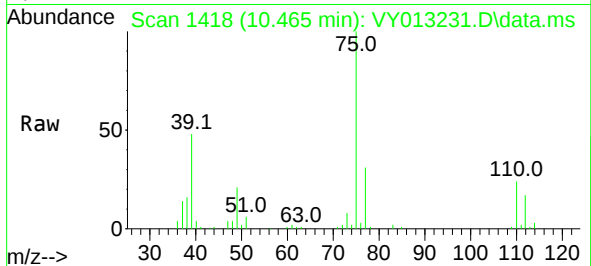
Tgt Ion: 92 Resp: 47281
Ion Ratio Lower Upper
92 100
91 173.4 141.3 211.9





#53
 t-1,3-Dichloropropene
 Concen: 20.049 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY013231.D
 Acq: 10 Apr 2023 17:23

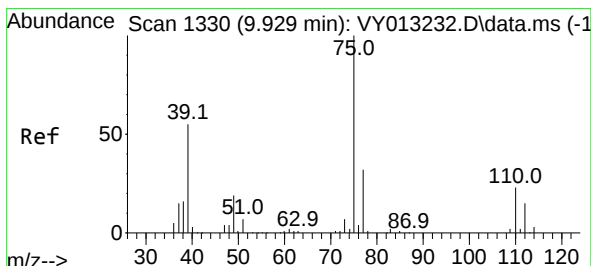
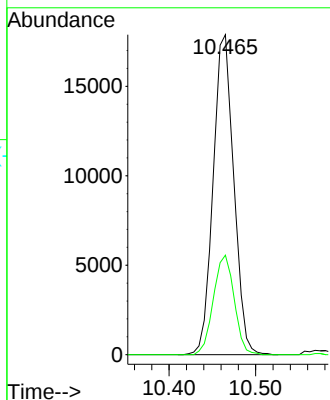
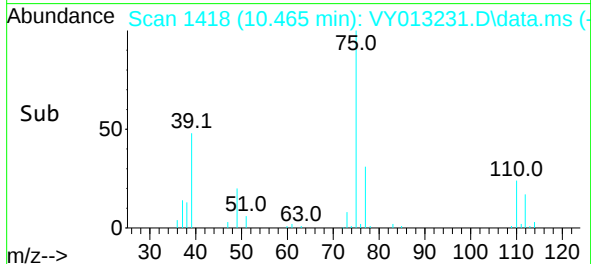
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



Tgt Ion: 75 Resp: 2962
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2

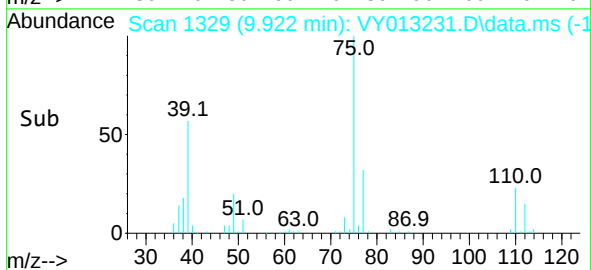
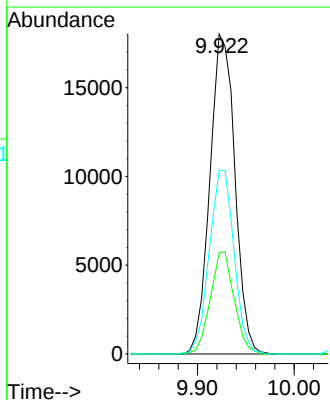
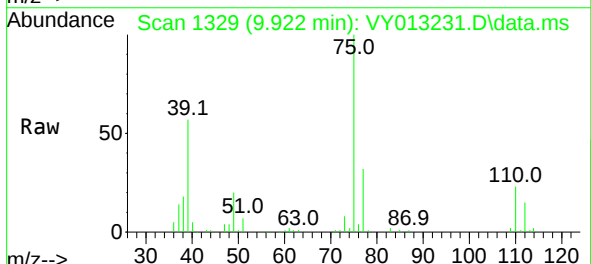
Manual Integrations
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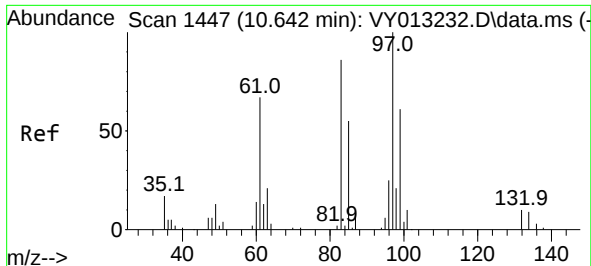
Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.346 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013231.D
 Acq: 10 Apr 2023 17:23

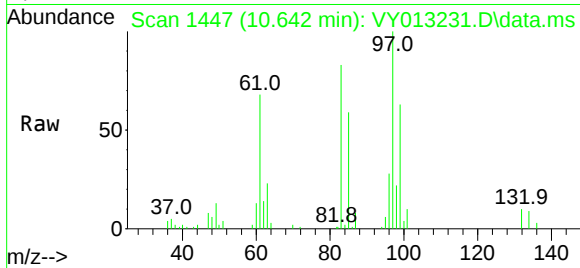
Tgt Ion: 75 Resp: 32384
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 57.3 39.0 58.4





#55
1,1,2-Trichloroethane
Concen: 19.991 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

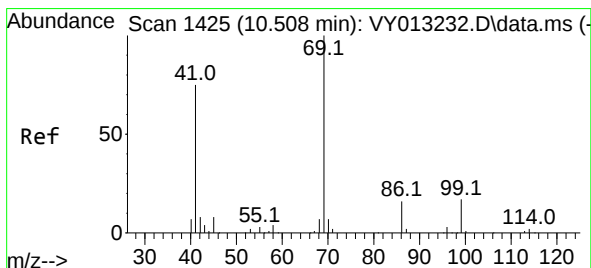
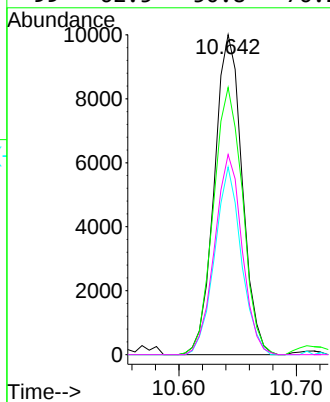
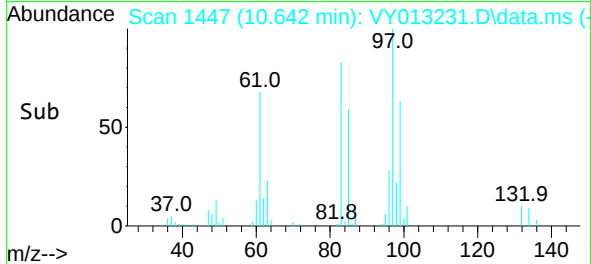
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



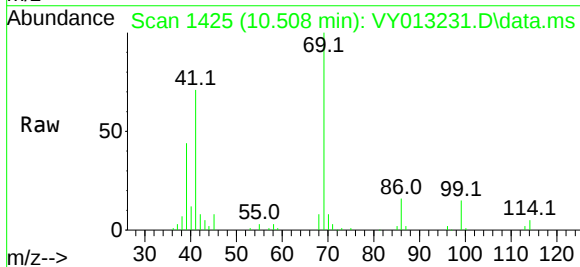
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.0	103.6
85	58.7	44.9	67.3
99	62.5	50.8	76.2

Manual Integrations
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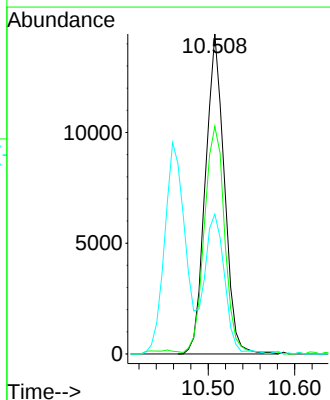
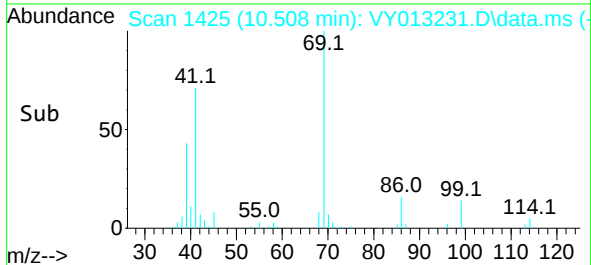
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

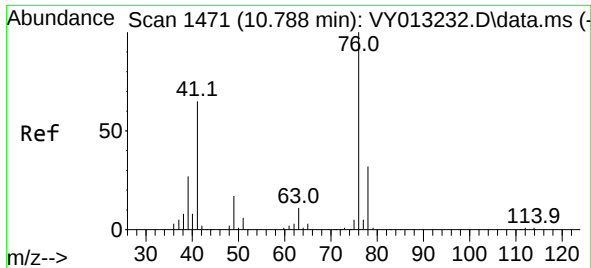


#56
Ethyl methacrylate
Concen: 19.212 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



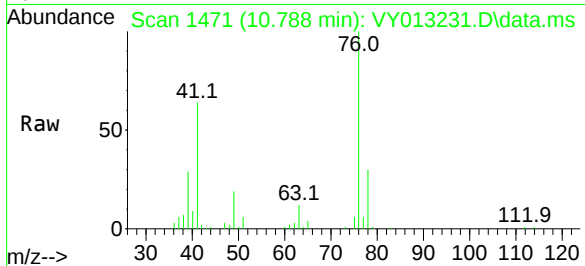
Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.2	56.4	84.6
39	46.8	30.8	46.2





#57
1,3-Dichloropropane
Concen: 20.236 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

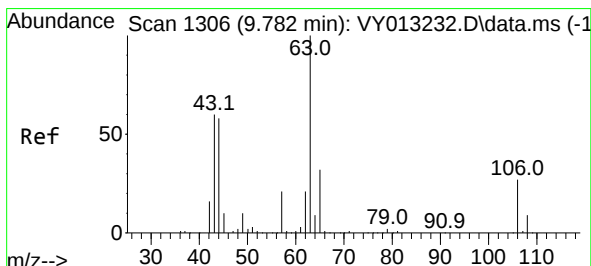
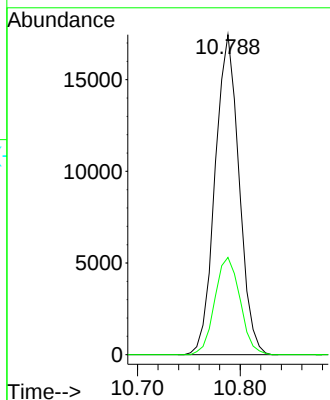
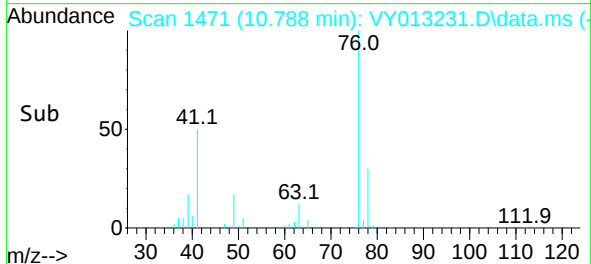
Instrument : MSVOA_Y
ClientSampleId : VSTDICC020



Tgt Ion: 76 Resp: 2827
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4

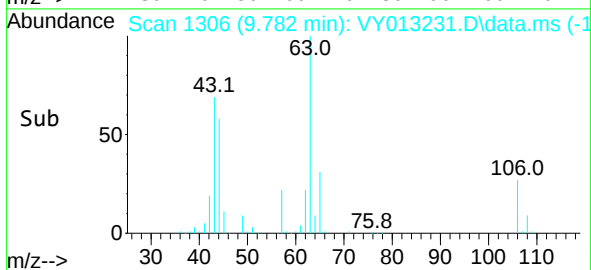
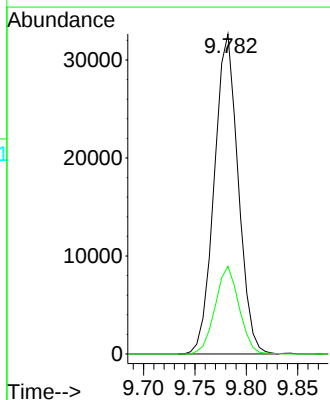
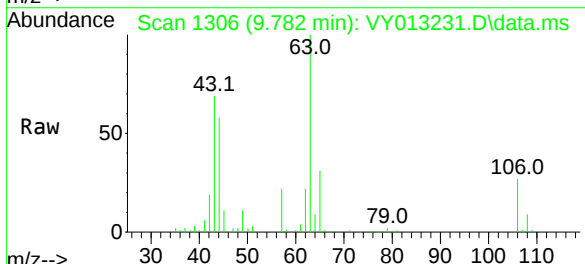
Manual Integrations
APPROVED

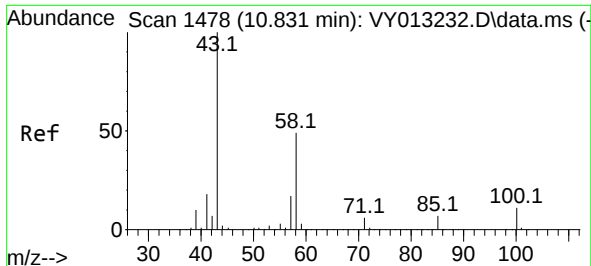
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#58
2-Chloroethyl Vinyl ether
Concen: 100.404 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

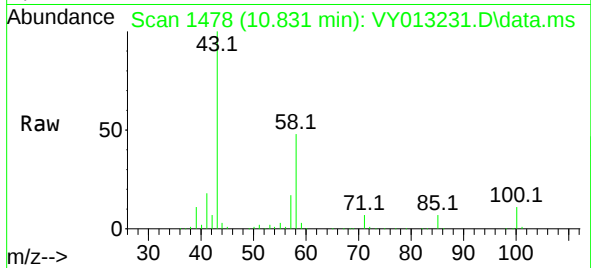
Tgt Ion: 63 Resp: 52807
Ion Ratio Lower Upper
63 100
106 27.3 22.1 33.1





#59
2-Hexanone
Concen: 92.658 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

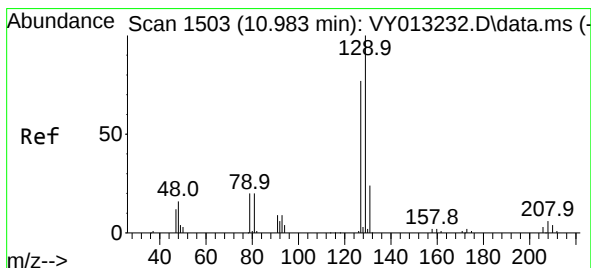
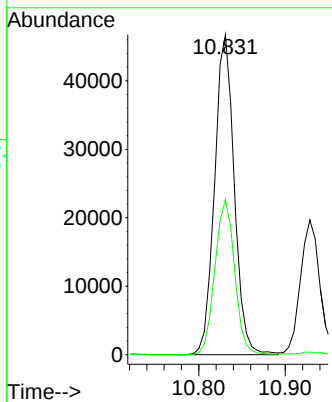
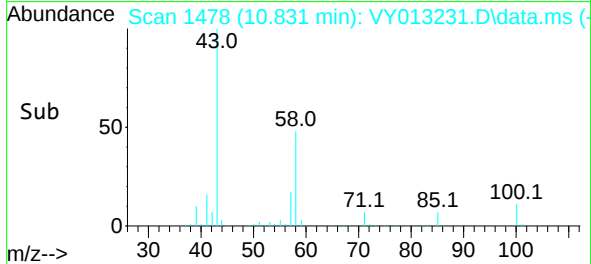
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 73714
Ion Ratio Lower Upper
43 100
58 48.5 25.9 77.8

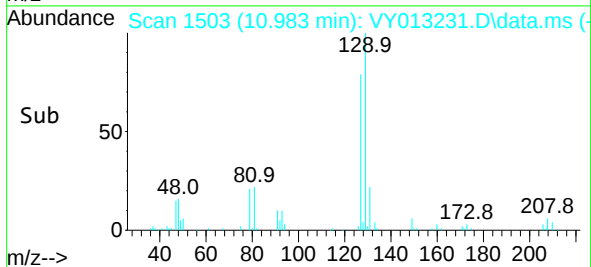
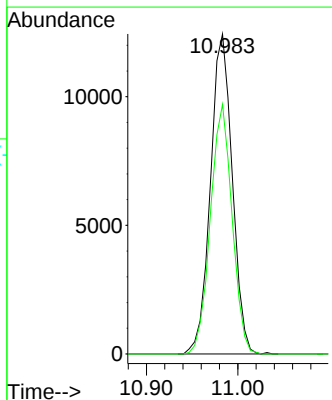
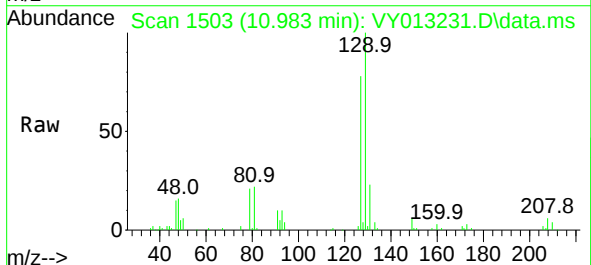
Manual Integrations
APPROVED

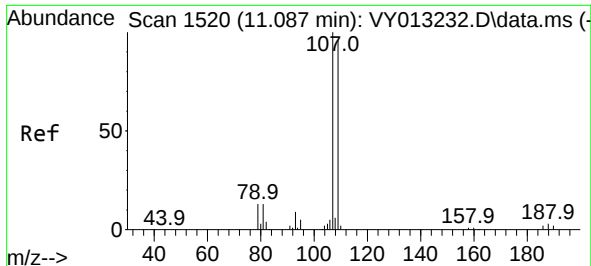
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#60
Dibromochloromethane
Concen: 20.105 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

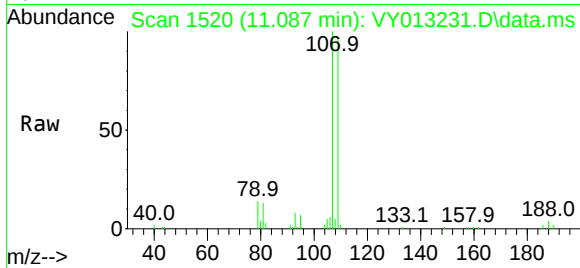
Tgt Ion:129 Resp: 20618
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 20.060 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

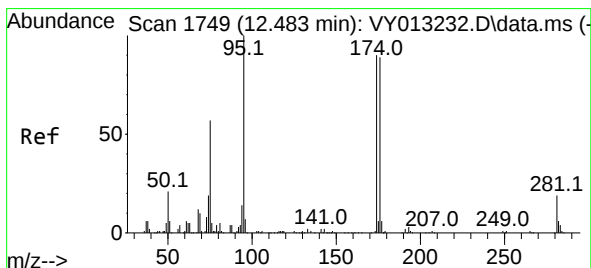
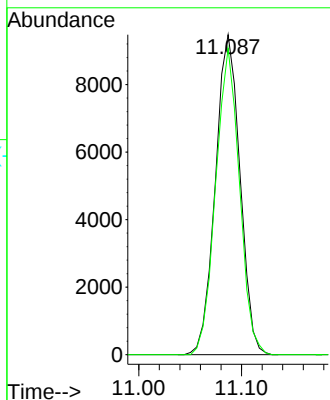
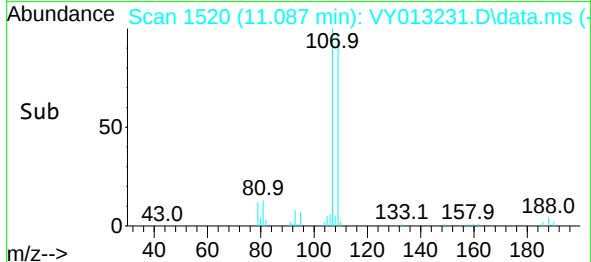
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



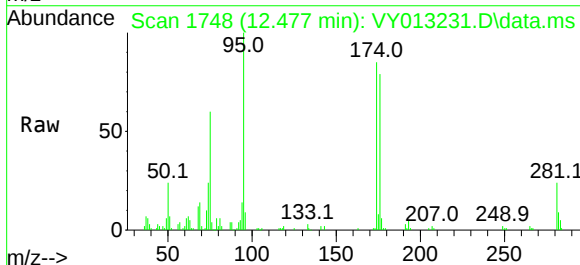
Tgt Ion:107 Resp: 15740
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6

Manual Integrations
APPROVED

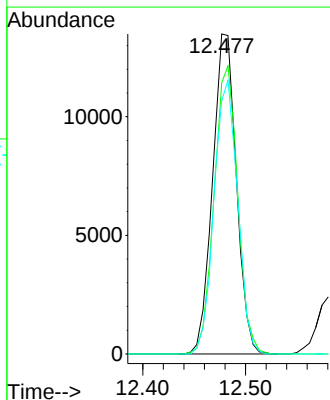
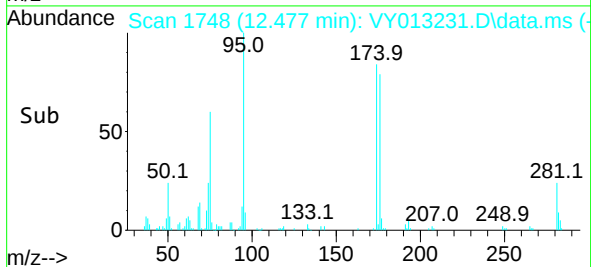
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

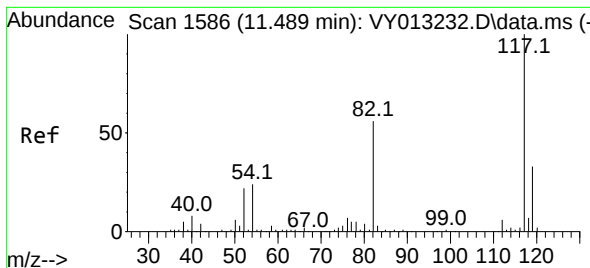


#62
4-Bromofluorobenzene
Concen: 20.021 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



Tgt Ion: 95 Resp: 21606
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 85.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:117 Resp: 132360

Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.0

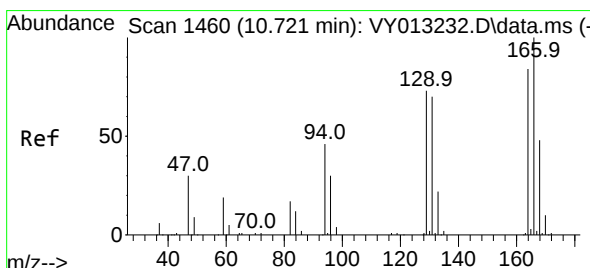
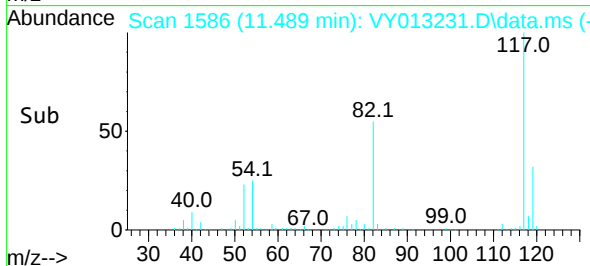
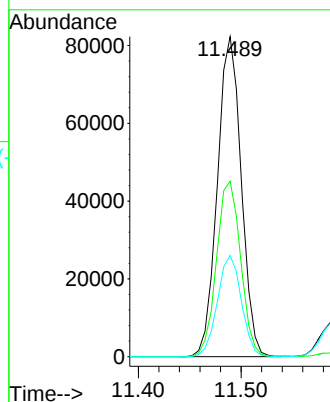
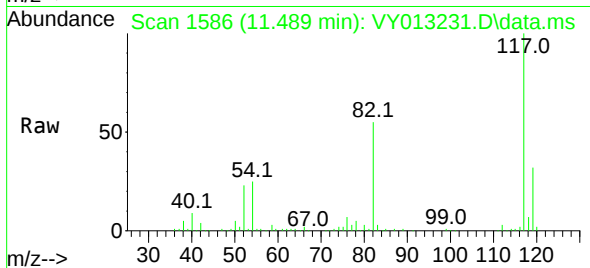
119 31.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#64

Tetrachloroethene

Concen: 20.368 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Tgt Ion:164 Resp: 16627

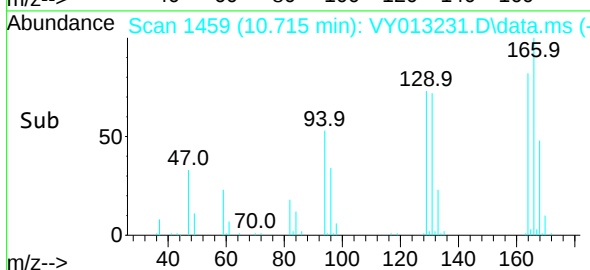
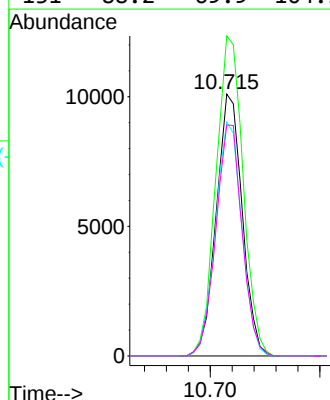
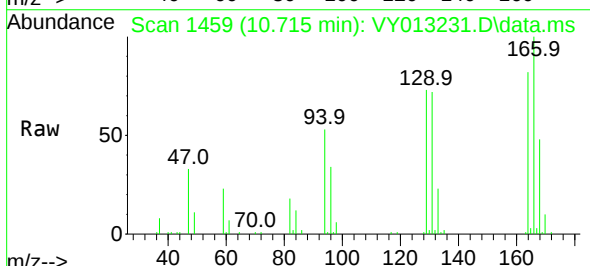
Ion Ratio Lower Upper

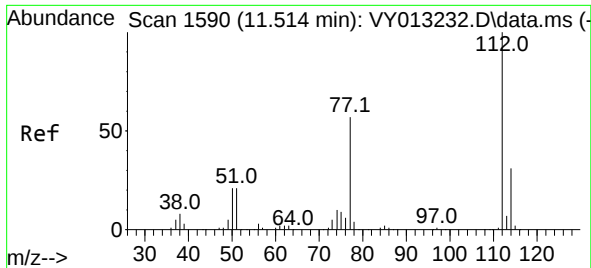
164 100

166 122.2 103.4 155.2

129 89.3 71.4 107.2

131 88.2 69.9 104.9





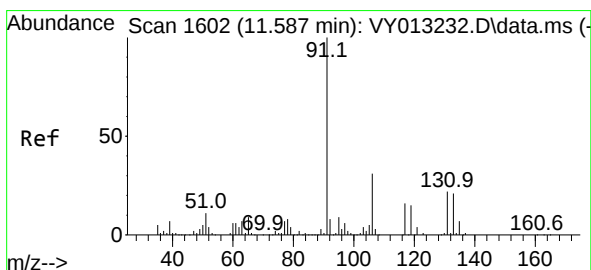
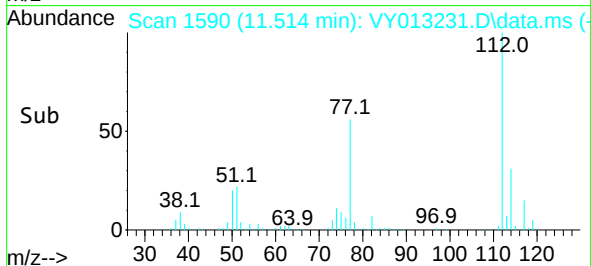
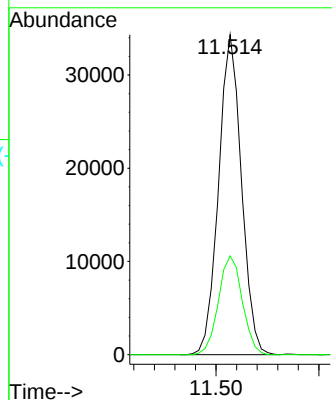
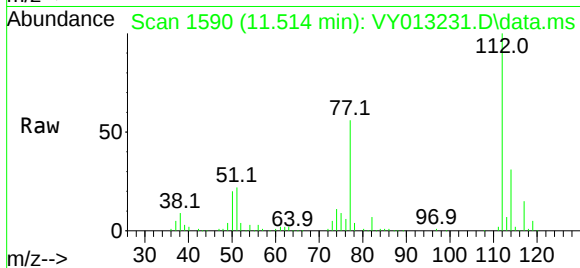
#65
Chlorobenzene
Concen: 20.735 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 5283
Ion Ratio Lower Upper
112 100
114 30.8 24.5 36.7

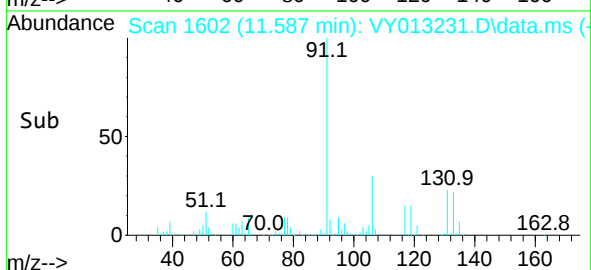
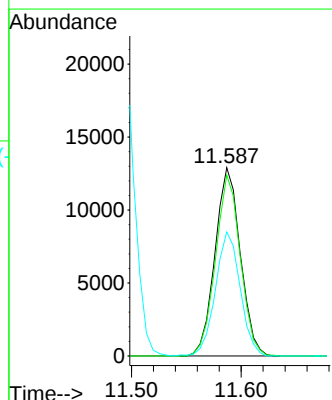
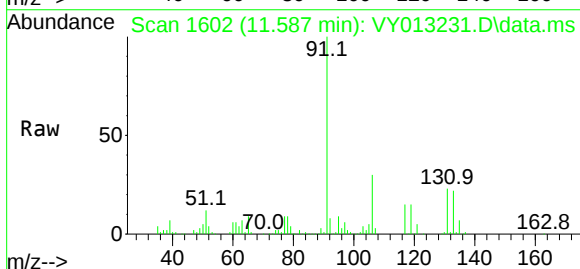
Manual Integrations
APPROVED

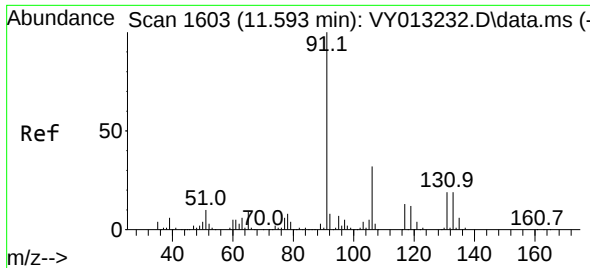
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 20.504 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion:131 Resp: 20719
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 64.3 32.6 98.0





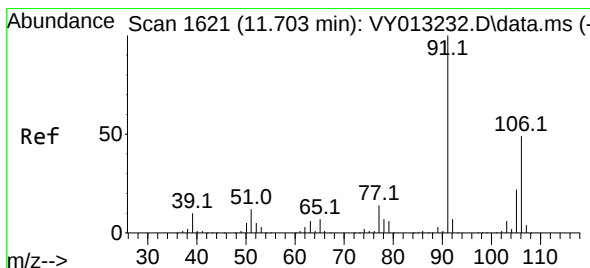
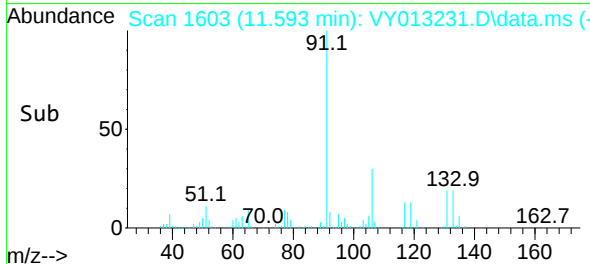
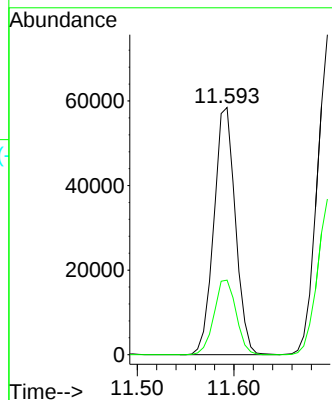
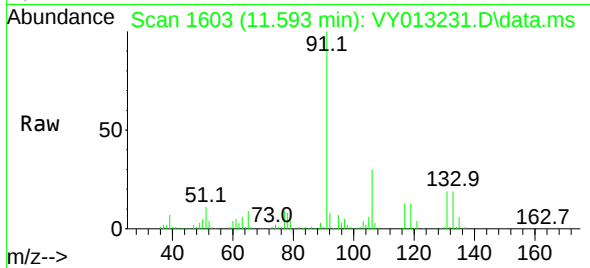
#67
Ethyl Benzene
Concen: 20.583 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 90230
Ion Ratio Lower Upper
91 100
106 30.2 25.1 37.7

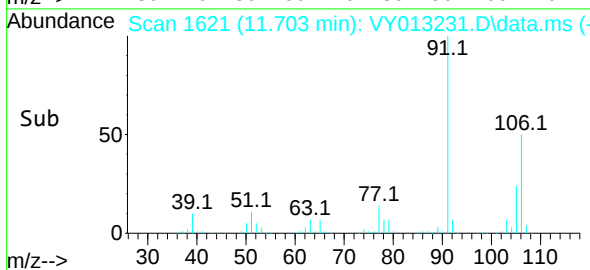
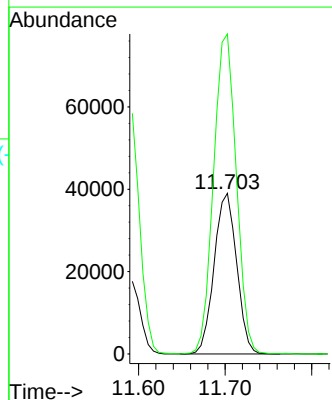
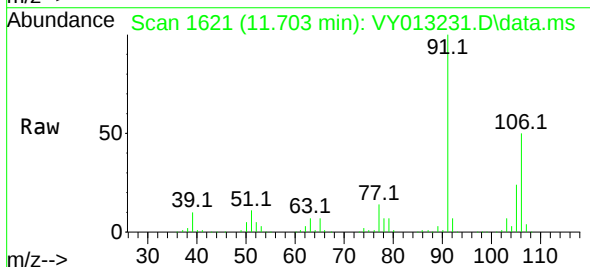
Manual Integrations
APPROVED

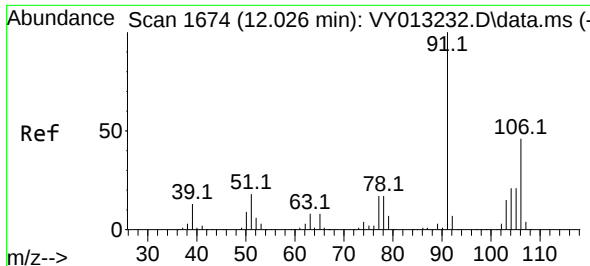
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#68
m/p-Xylenes
Concen: 41.763 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion:106 Resp: 70501
Ion Ratio Lower Upper
106 100
91 201.3 159.8 239.8





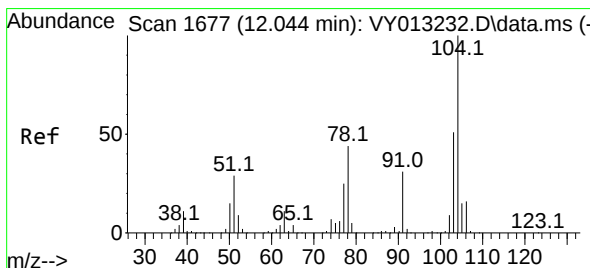
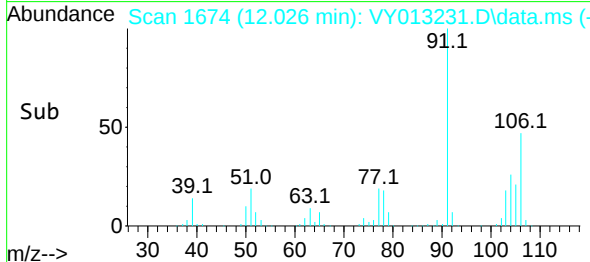
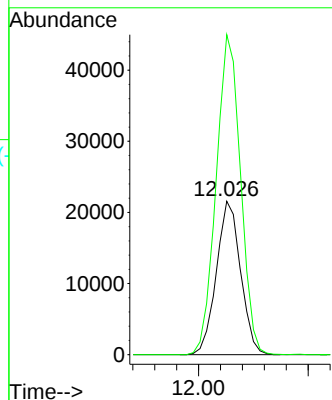
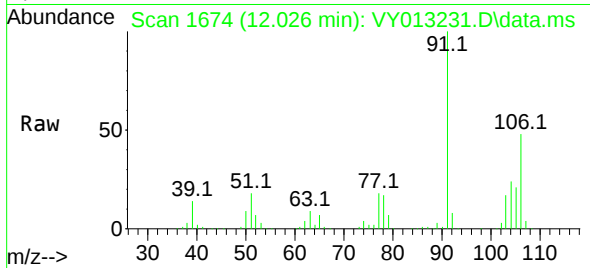
#69
o-Xylene
Concen: 20.795 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 3311
Ion Ratio Lower Upper
106 100
91 209.8 107.2 321.6

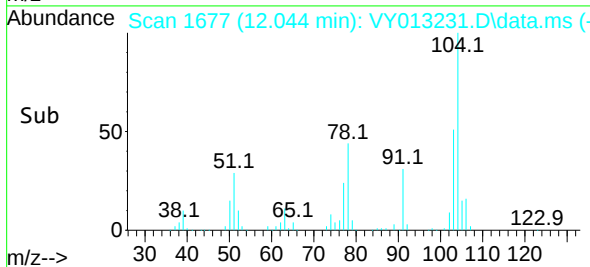
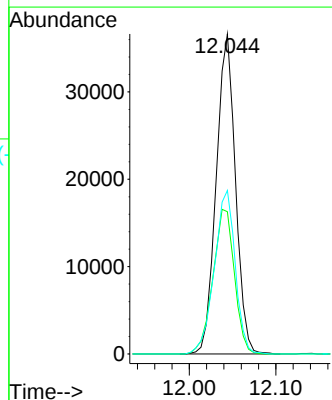
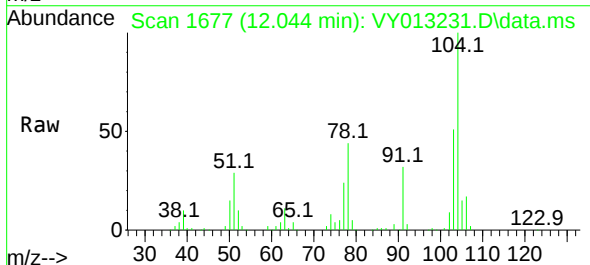
Manual Integrations
APPROVED

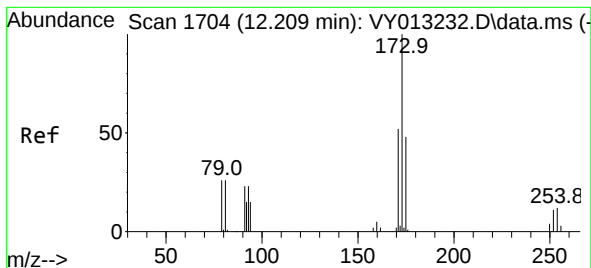
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#70
Styrene
Concen: 20.751 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Tgt Ion:104 Resp: 56573
Ion Ratio Lower Upper
104 100
78 50.4 39.2 58.8
103 55.4 43.7 65.5





#71

Bromoform

Concen: 19.463 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

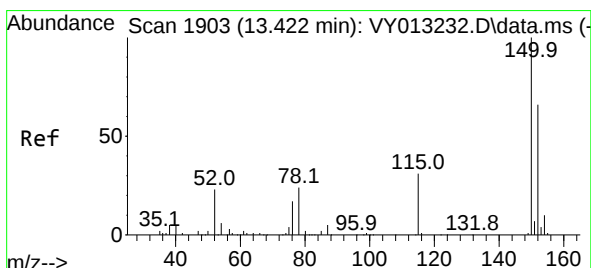
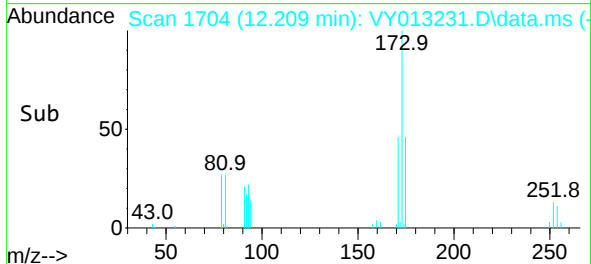
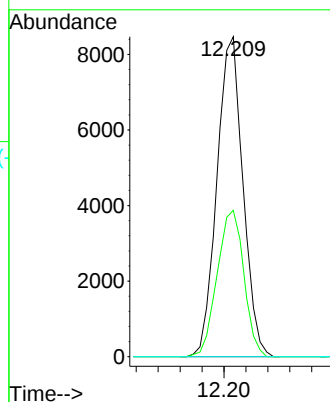
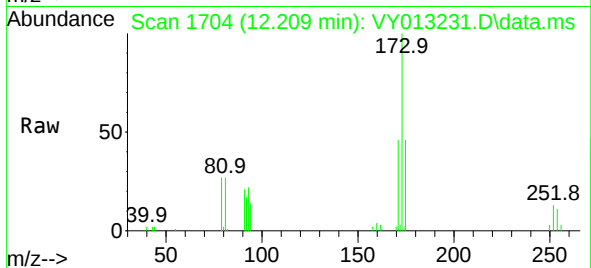
Tgt Ion:	173	Resp:	1395
Ion Ratio	Lower	Upper	
173	100		
175	46.9	25.0	75.0
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

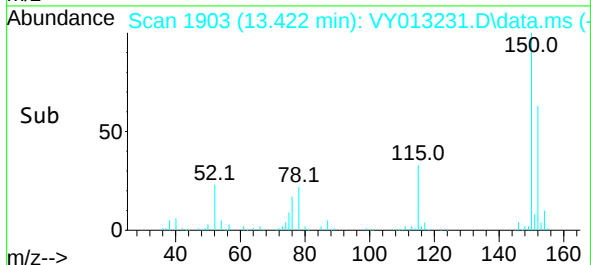
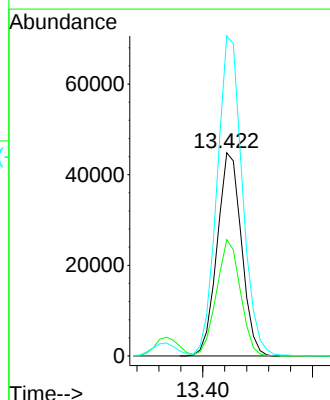
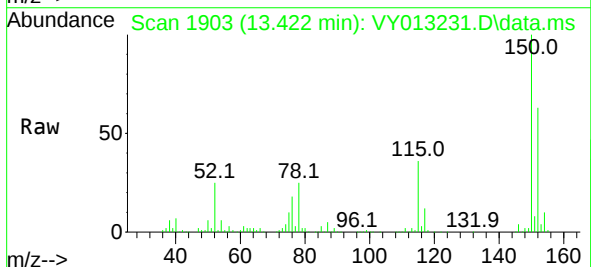
RT: 13.422 min Scan# 1903

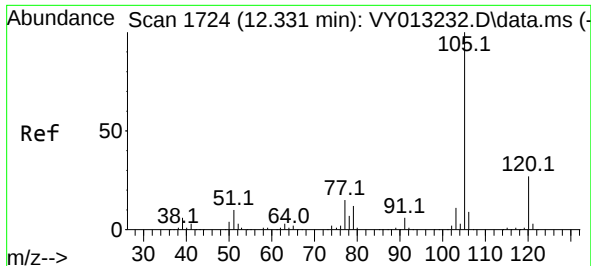
Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

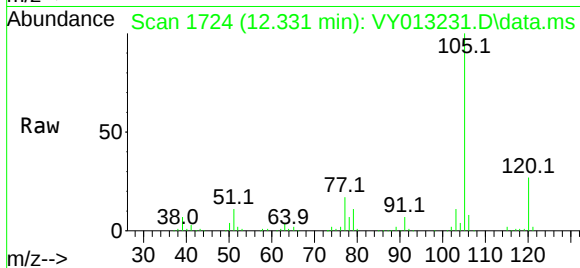
Tgt Ion:	152	Resp:	69172
Ion Ratio	Lower	Upper	
152	100		
115	56.3	27.1	81.3
150	163.7	0.0	347.8





#73
Isopropylbenzene
Concen: 19.911 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

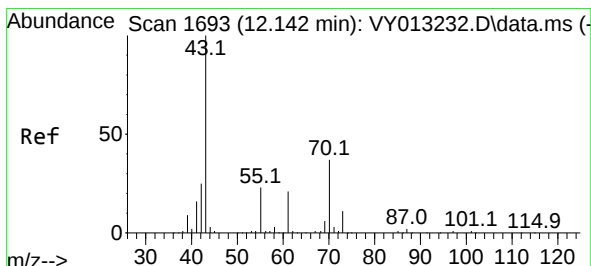
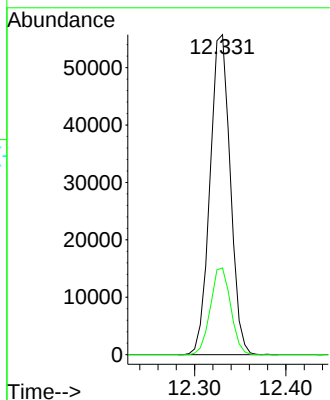
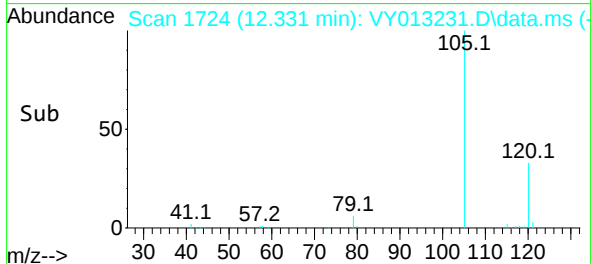
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



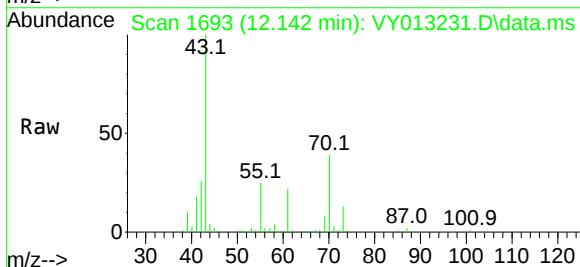
Tgt Ion:105 Resp: 8582
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

Manual Integrations
APPROVED

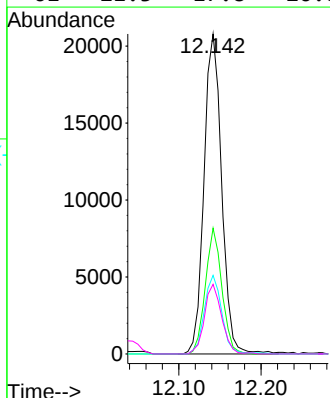
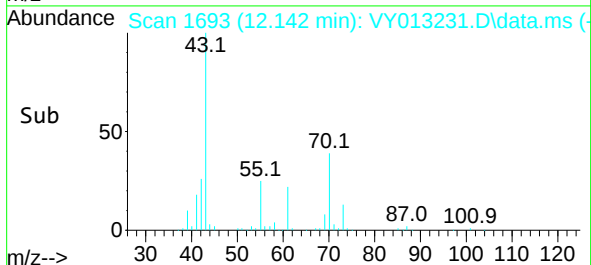
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

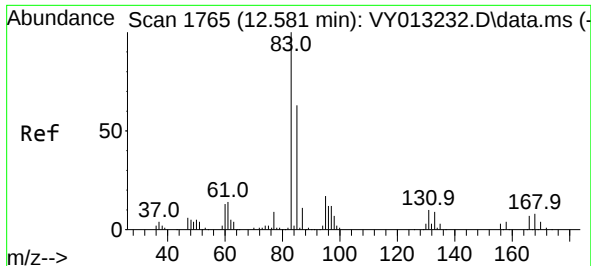


#74
N-ethyl acetate
Concen: 18.905 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



Tgt Ion: 43 Resp: 31090
Ion Ratio Lower Upper
43 100
70 36.7 31.6 47.4
55 24.4 18.8 28.2
61 21.3 17.8 26.8





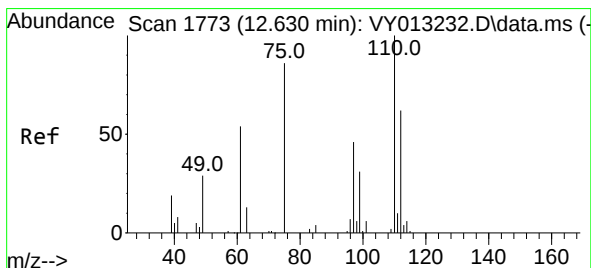
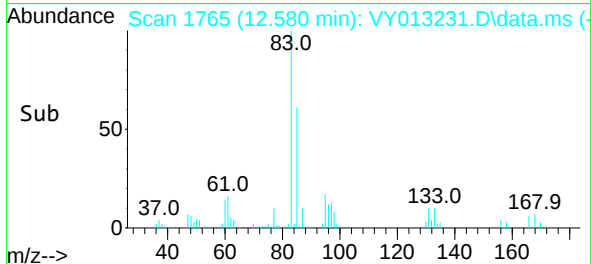
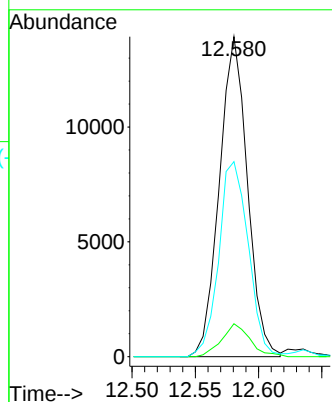
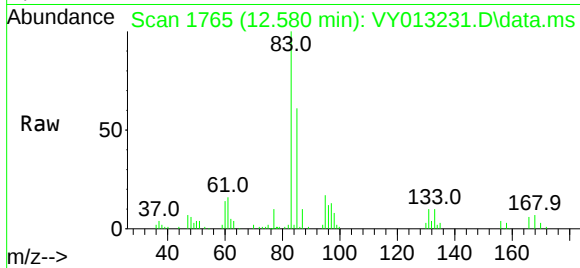
#75
1,1,2,2-Tetrachloroethane
Concen: 18.955 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 2147
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 64.1 31.8 95.3

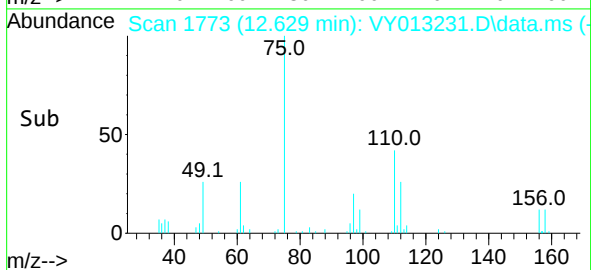
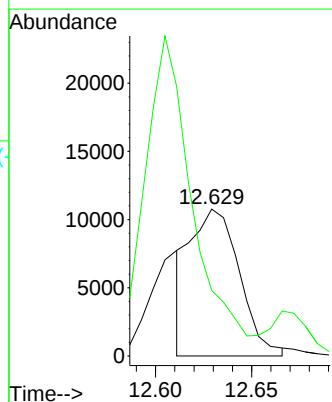
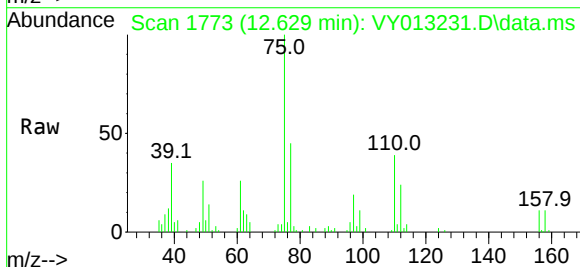
Manual Integrations
APPROVED

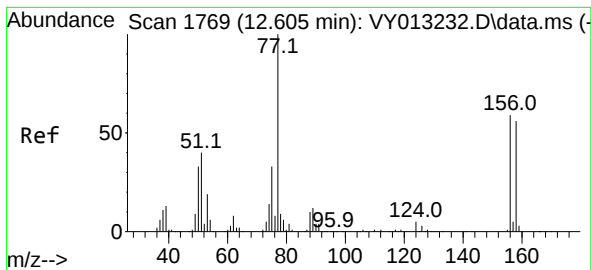
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#76
1,2,3-Trichloropropane
Concen: 21.512 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

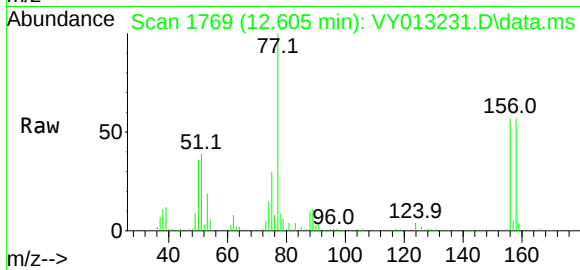
Tgt Ion: 75 Resp: 19227
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.744 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

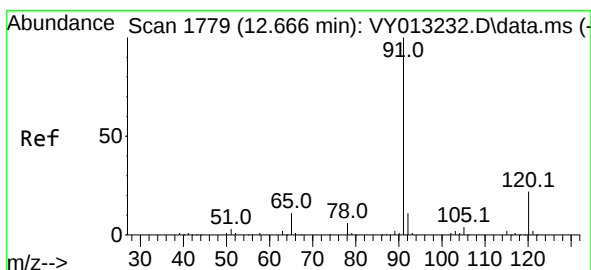
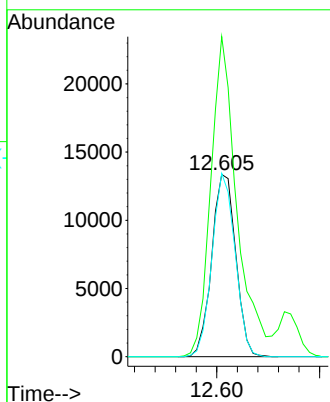
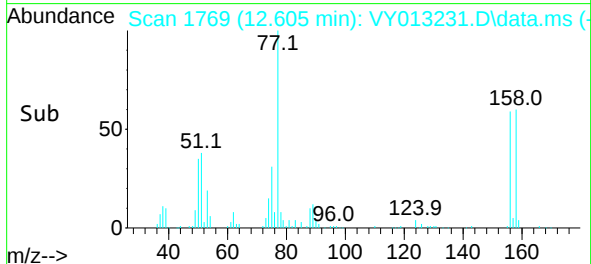
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



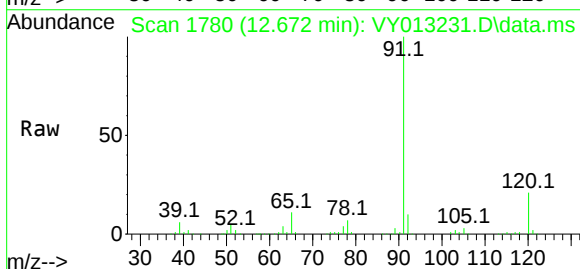
Tgt Ion: 156 Resp: 21660
Ion Ratio Lower Upper
156 100
77 188.7 94.0 282.1
158 96.6 48.1 144.4

Manual Integrations
APPROVED

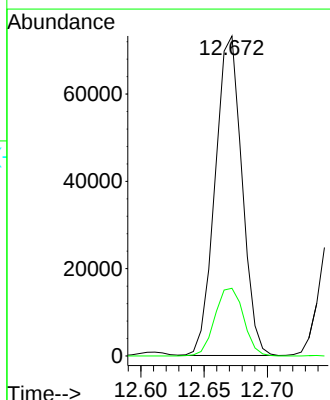
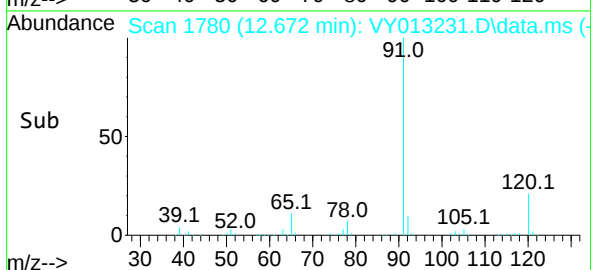
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

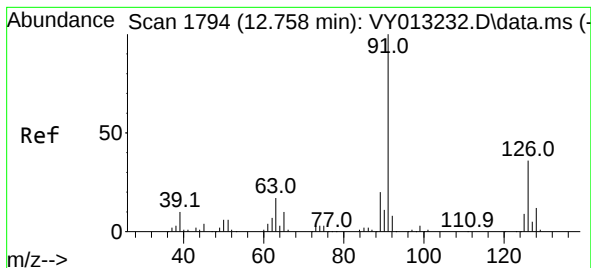


#78
n-propylbenzene
Concen: 20.155 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



Tgt Ion: 91 Resp: 107985
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8





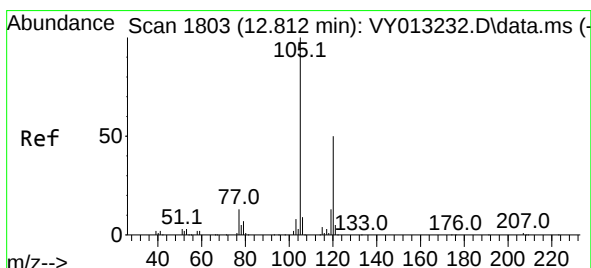
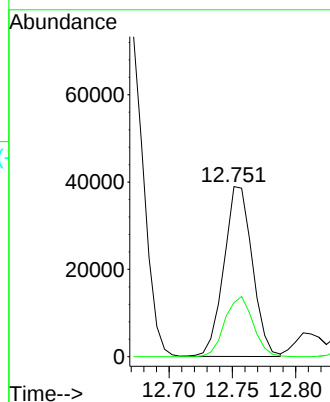
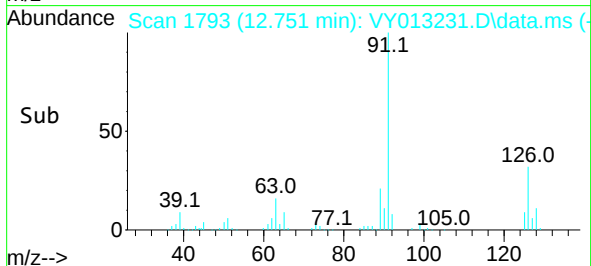
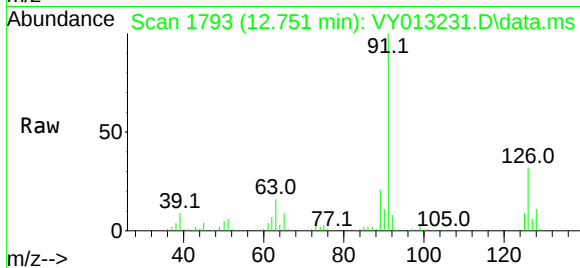
#79
2-Chlorotoluene
Concen: 20.036 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 6095
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.2

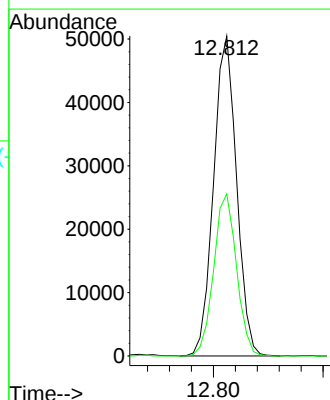
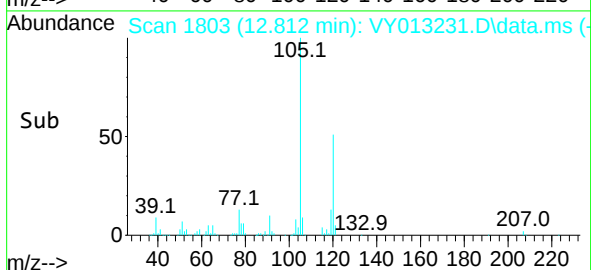
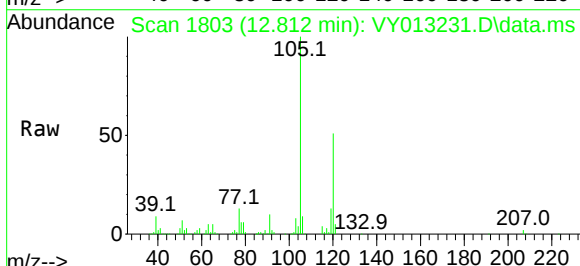
Manual Integrations
APPROVED

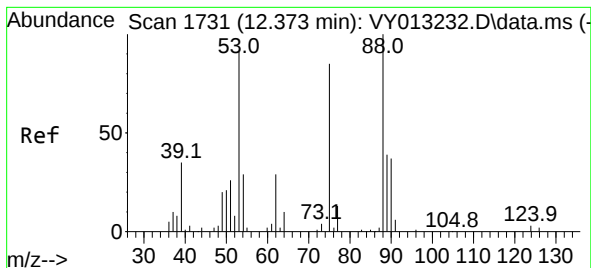
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.449 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

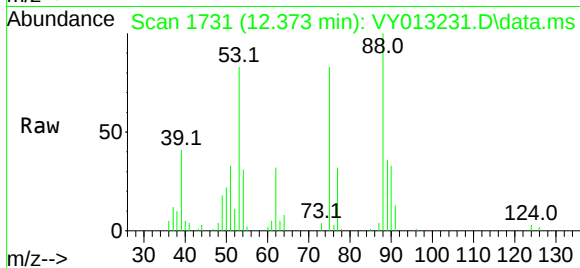
Tgt Ion:105 Resp: 73473
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 18.692 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

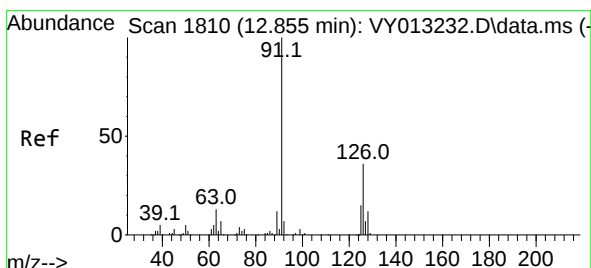
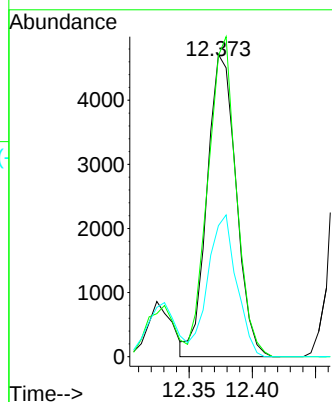
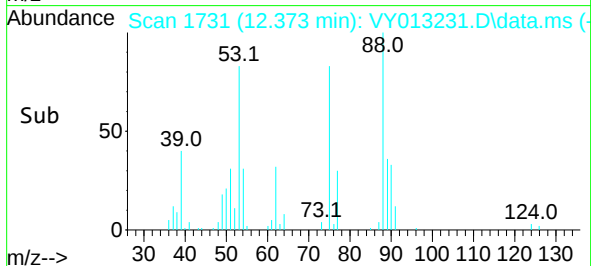
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 7540
Ion Ratio Lower Upper
75 100
53 102.4 73.4 110.0
89 45.9 36.6 55.0

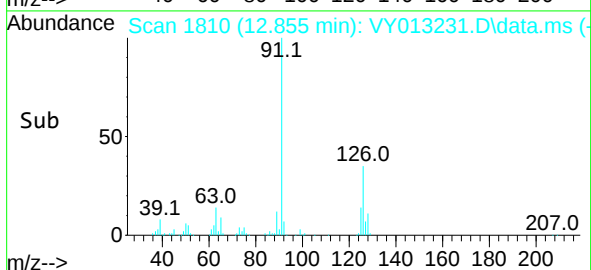
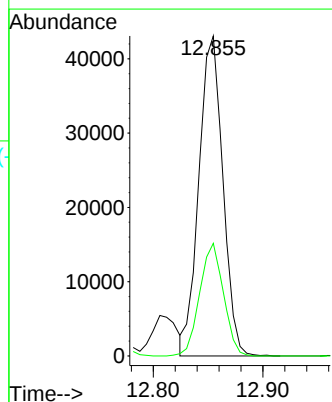
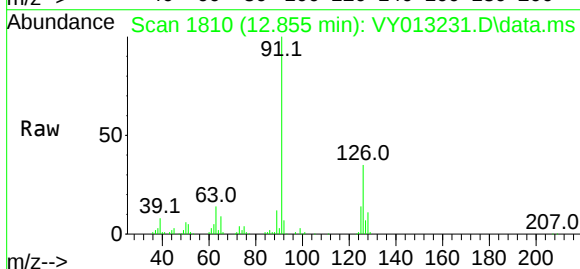
Manual Integrations
APPROVED

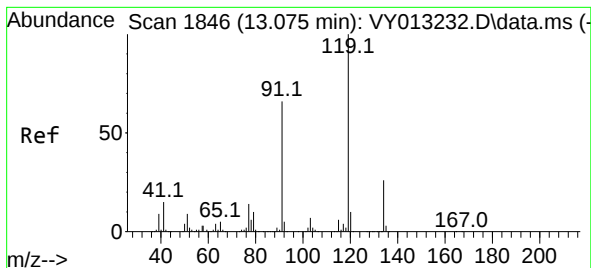
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#82
4-Chlorotoluene
Concen: 20.552 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

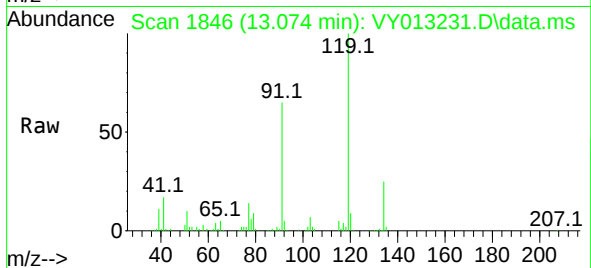
Tgt Ion: 91 Resp: 65439
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 19.902 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

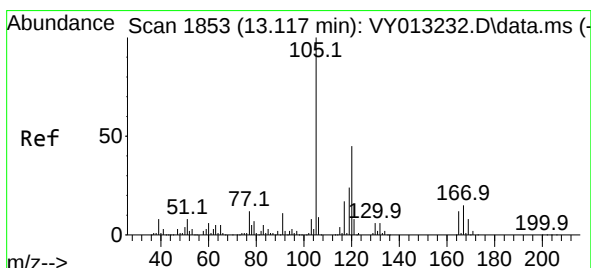
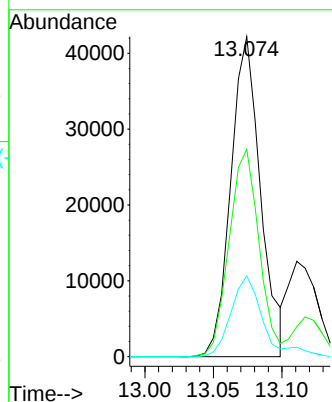
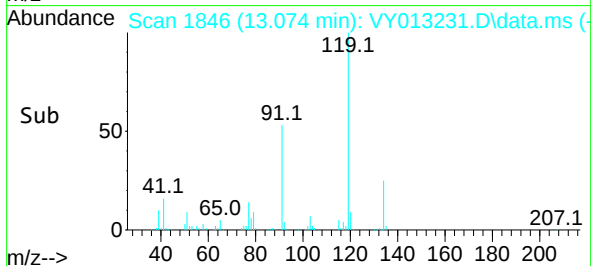
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



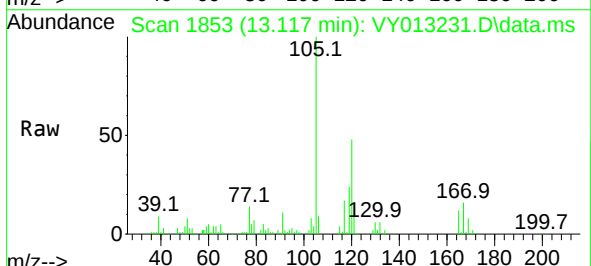
Tgt Ion:119 Resp: 63740
Ion Ratio Lower Upper
119 100
91 65.3 32.8 98.3
134 27.2 13.6 40.8

Manual Integrations
APPROVED

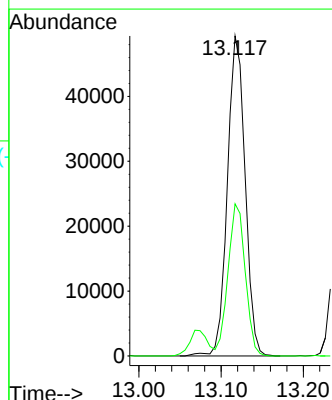
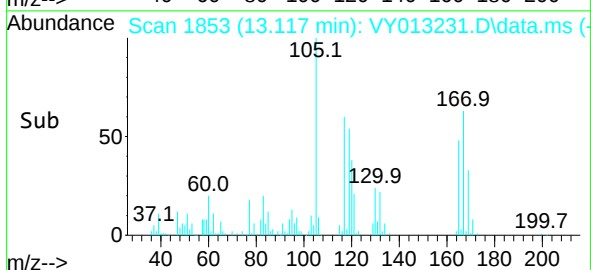
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

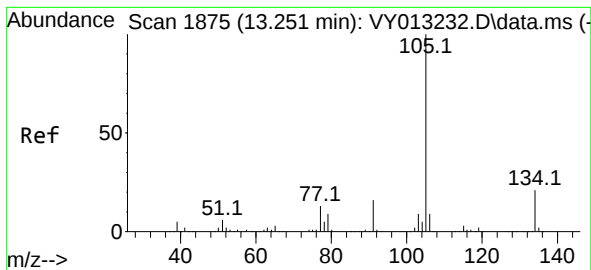


#84
1,2,4-Trimethylbenzene
Concen: 20.757 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



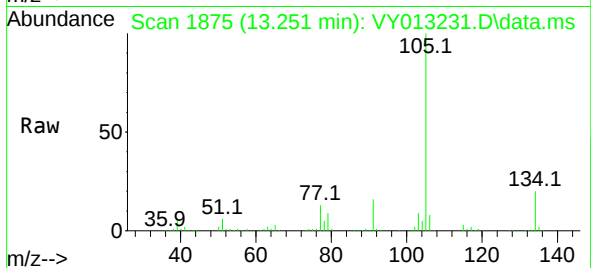
Tgt Ion:105 Resp: 73794
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 20.260 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013231.D
 Acq: 10 Apr 2023 17:23

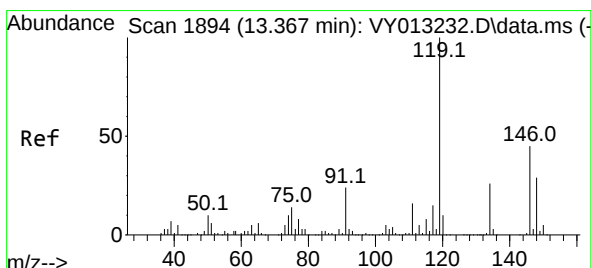
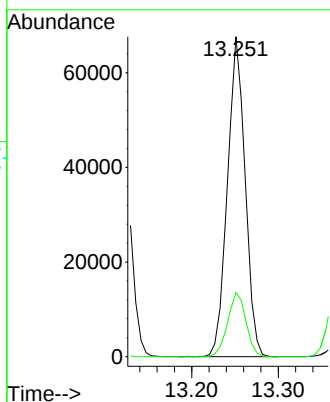
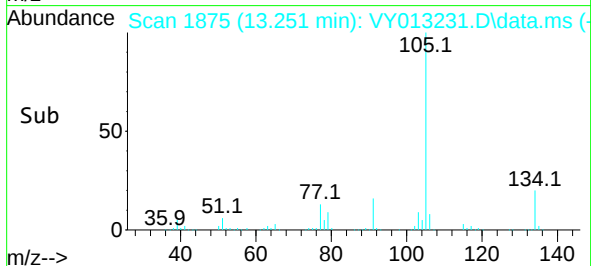
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



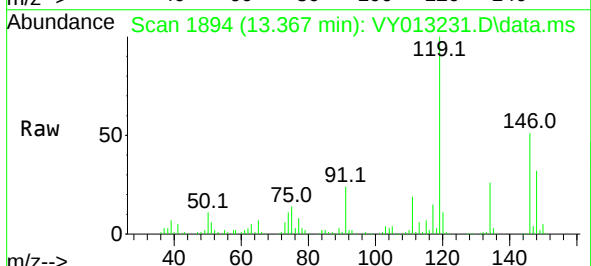
Tgt Ion:105 Resp: 95978
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

Manual Integrations
 APPROVED

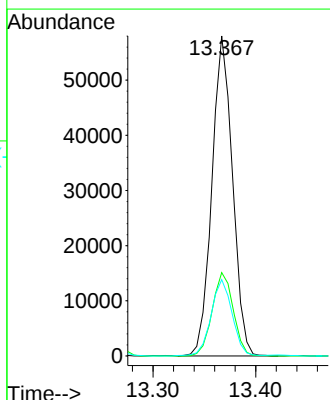
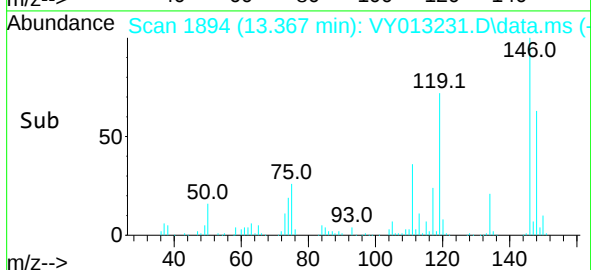
Reviewed By :Krupa Patel 04/12/2023
 Supervised By :Mahesh Dadoda 04/12/2023

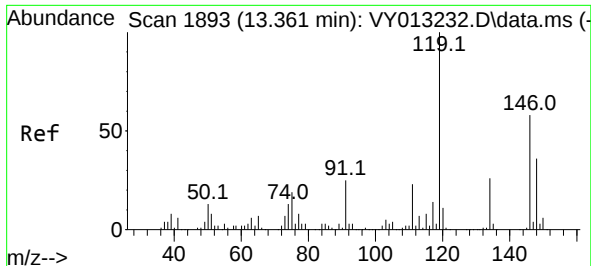


#86
 p-Isopropyltoluene
 Concen: 20.399 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013231.D
 Acq: 10 Apr 2023 17:23



Tgt Ion:119 Resp: 80837
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 24.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.803 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 44978

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.5

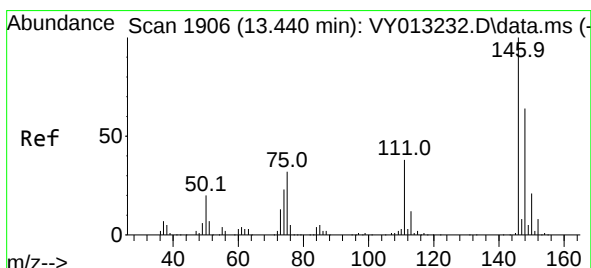
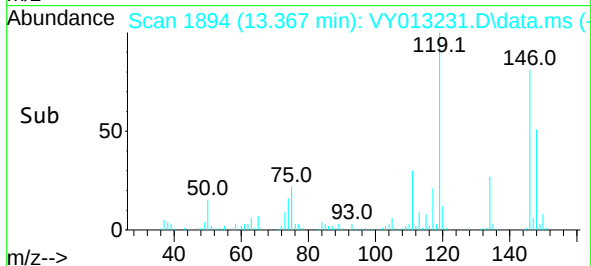
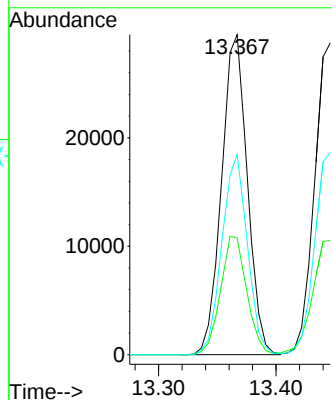
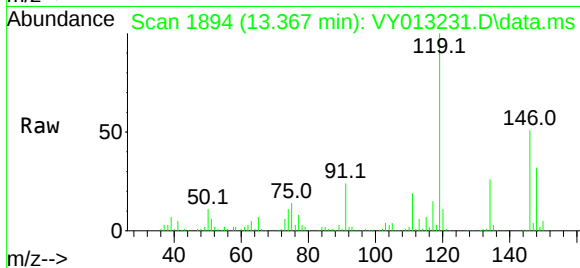
148 61.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#88

1,4-Dichlorobenzene

Concen: 20.512 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

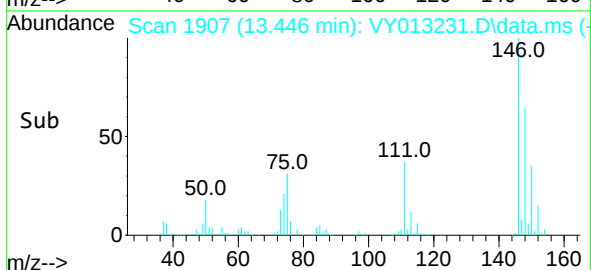
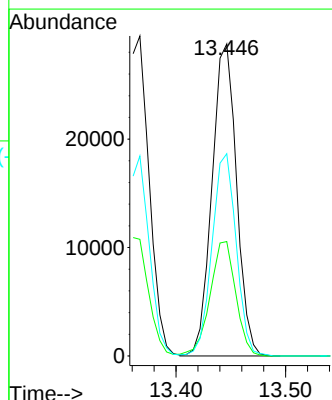
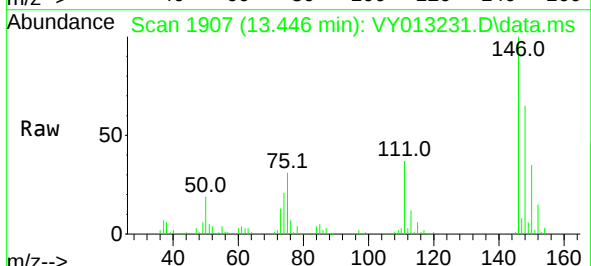
Tgt Ion:146 Resp: 44818

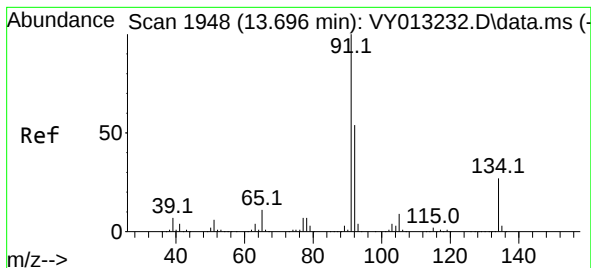
Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.8

148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 20.289 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 75468

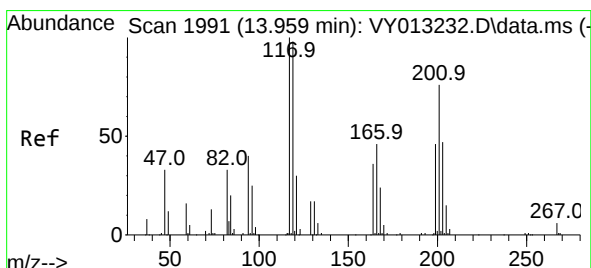
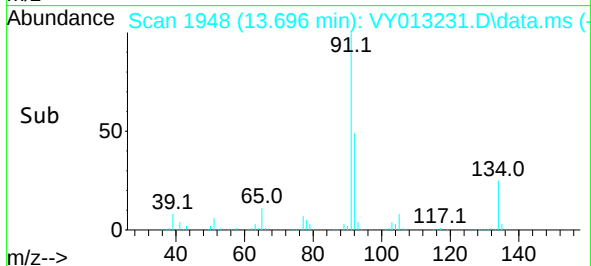
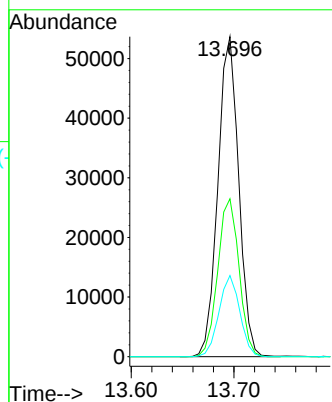
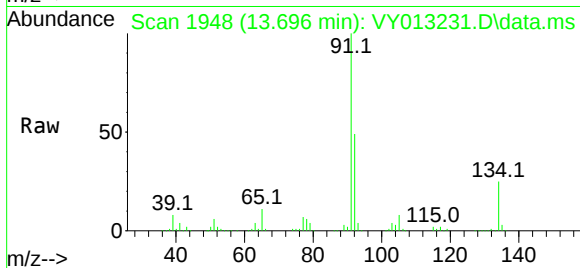
Ion	Ratio	Lower	Upper
91	100		
92	50.4	26.4	79.0
134	25.4	13.0	38.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/12/2023

Supervised By :Mahesh Dadoda 04/12/2023



#90

Hexachloroethane

Concen: 19.512 ug/l

RT: 13.958 min Scan# 1991

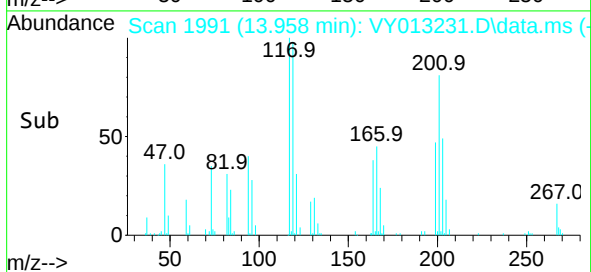
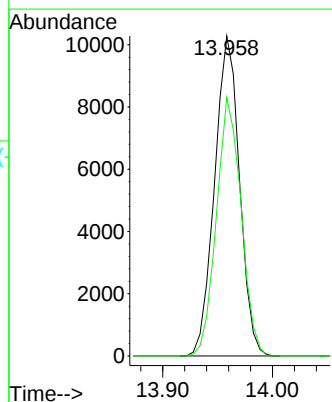
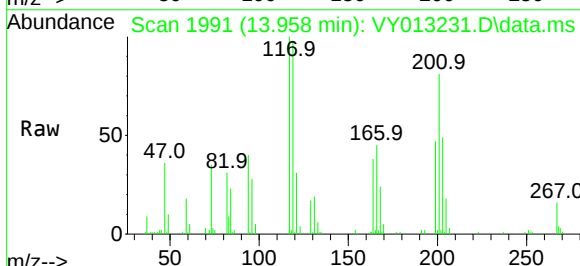
Delta R.T. -0.000 min

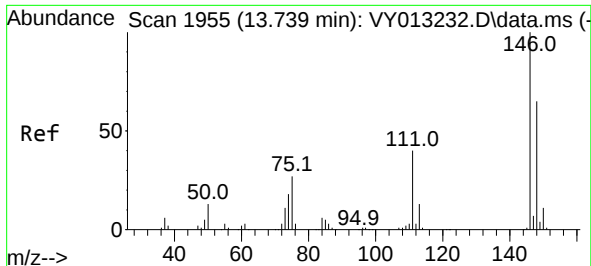
Lab File: VY013231.D

Acq: 10 Apr 2023 17:23

Tgt Ion:117 Resp: 16239

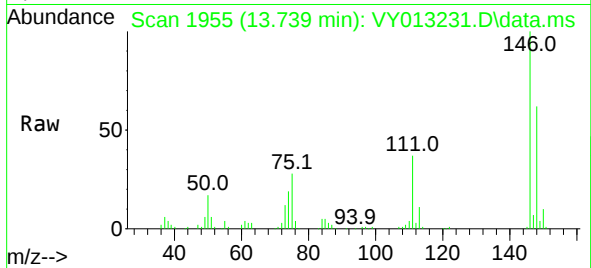
Ion	Ratio	Lower	Upper
117	100		
201	80.0	39.4	118.1





#91
1,2-Dichlorobenzene
Concen: 20.073 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

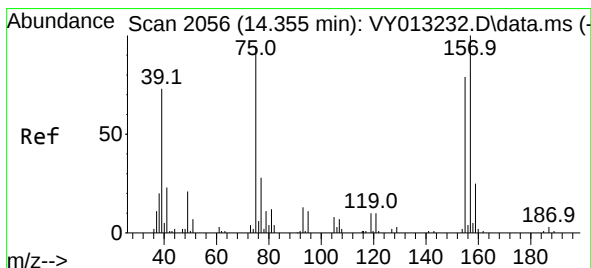
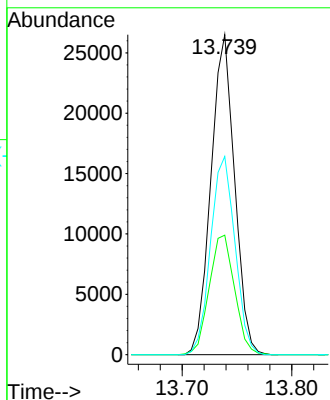
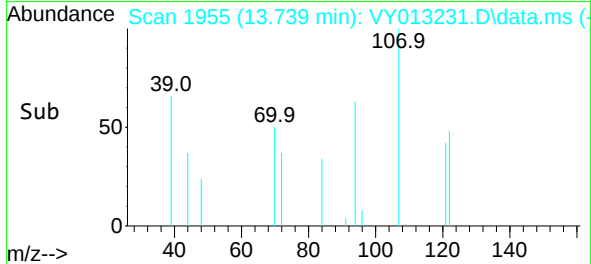
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



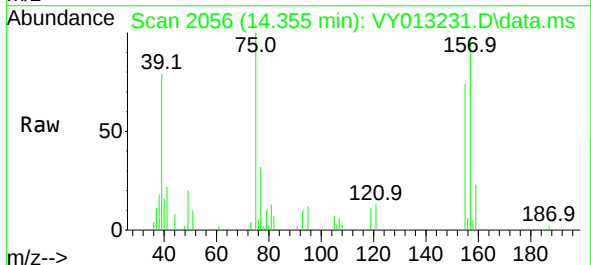
Tgt Ion:146 Resp: 3979
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.1
148 64.0 31.9 95.5

Manual Integrations
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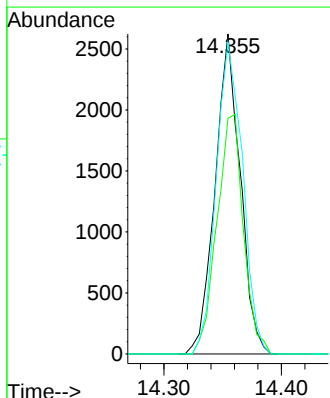
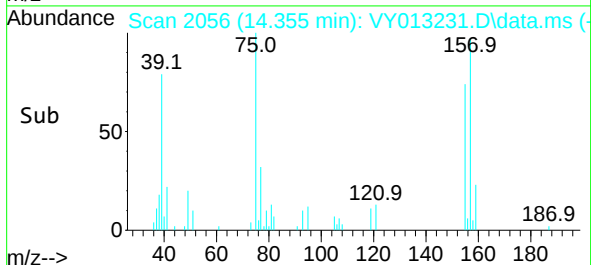
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

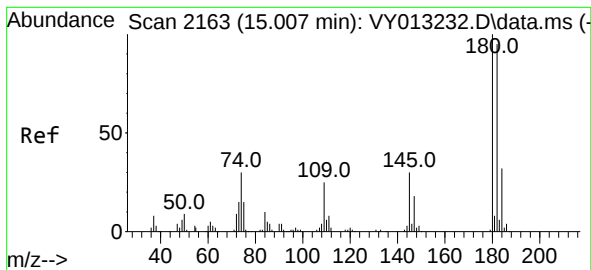


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.023 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



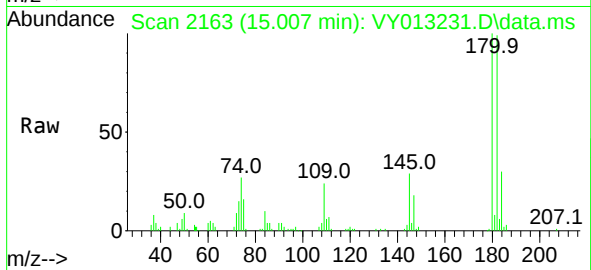
Tgt Ion: 75 Resp: 3895
Ion Ratio Lower Upper
75 100
155 79.1 43.8 131.4
157 102.5 54.1 162.3





#93
1,2,4-Trichlorobenzene
Concen: 18.969 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

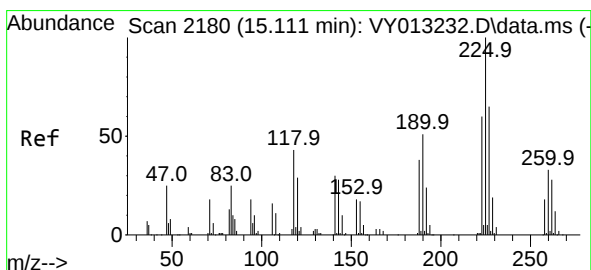
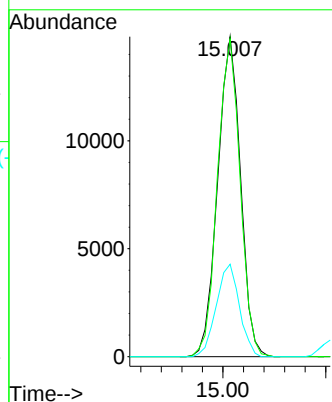
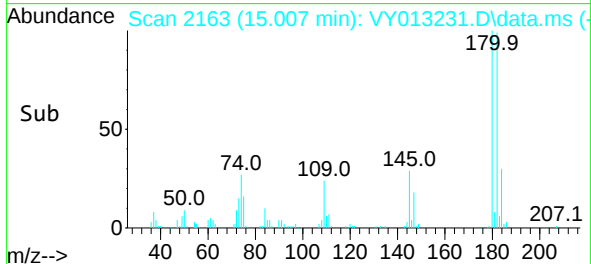
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



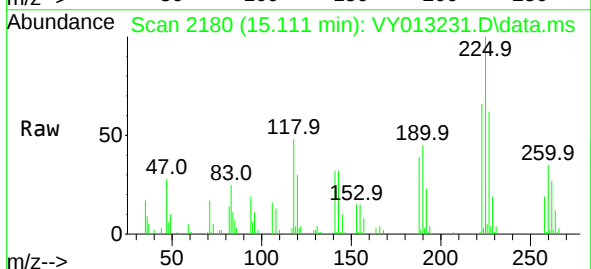
Tgt Ion:180 Resp: 22870
Ion Ratio Lower Upper
180 100
182 98.0 46.7 140.1
145 29.2 14.6 43.8

Manual Integrations
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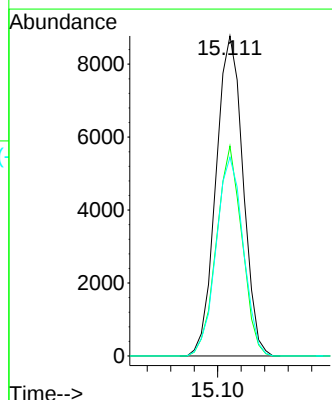
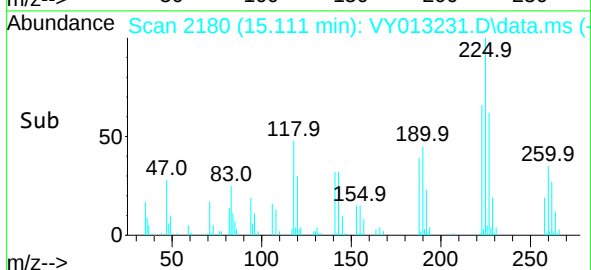
Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023

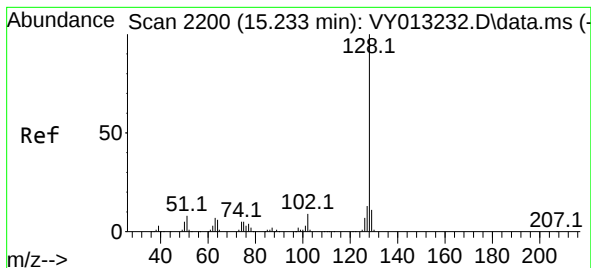


#94
Hexachlorobutadiene
Concen: 19.644 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



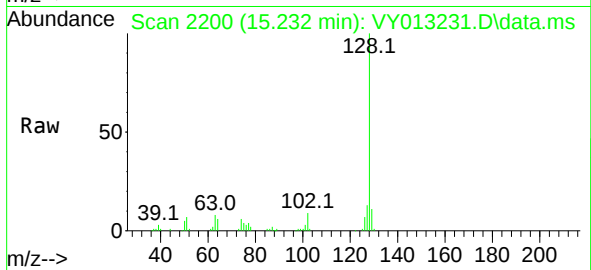
Tgt Ion:225 Resp: 14037
Ion Ratio Lower Upper
225 100
223 62.0 31.1 93.3
227 62.3 32.4 97.0





#95
Naphthalene
Concen: 17.797 ug/l
RT: 15.232 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23

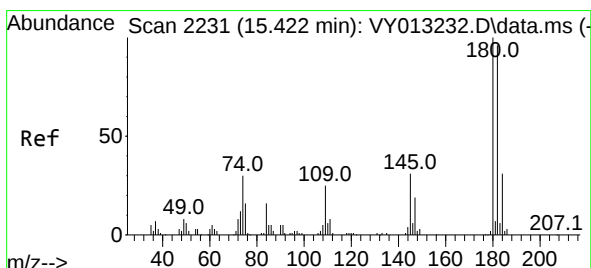
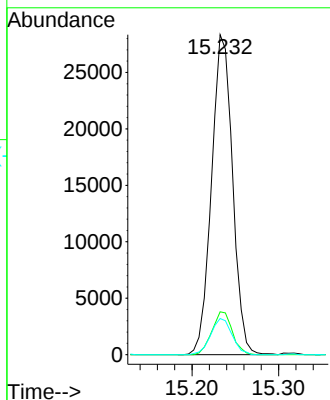
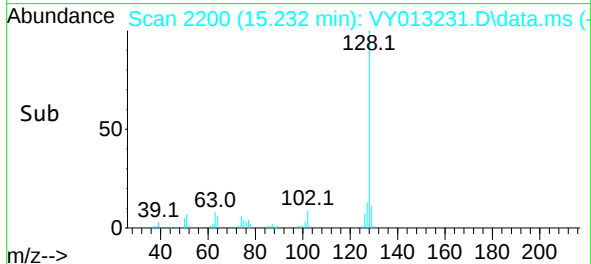
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



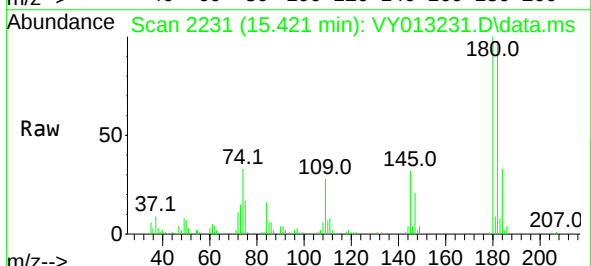
Tgt Ion:128 Resp: 4782
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/12/2023
Supervised By :Mahesh Dadoda 04/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.578 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013231.D
Acq: 10 Apr 2023 17:23



Tgt Ion:180 Resp: 20770
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.3
145 31.4 15.3 45.8

