

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013233.D
 Acq On : 10 Apr 2023 18:08
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 11 11:00:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 10:54:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	99401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70791	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	102646	91.828	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.660%#	
35) Dibromofluoromethane	7.716	113	89145	98.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.880%#	
50) Toluene-d8	10.179	98	324606	102.383	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 204.760%#	
62) 4-Bromofluorobenzene	12.483	95	114302	100.958	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 201.920%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	62546	104.272	ug/l	96
3) Chloromethane	2.113	50	70881	99.452	ug/l	98
4) Vinyl Chloride	2.247	62	76612	89.976	ug/l	97
5) Bromomethane	2.638	94	54985	100.732	ug/l	95
6) Chloroethane	2.790	64	57197	91.860	ug/l	96
7) Trichlorofluoromethane	3.119	101	125939	91.353	ug/l	99
8) Diethyl Ether	3.528	74	48754	93.182	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	77447	92.127	ug/l	97
10) Methyl Iodide	4.082	142	96490	95.236	ug/l	96
11) Tert butyl alcohol	4.948	59	63393	327.416	ug/l	99
12) 1,1-Dichloroethene	3.869	96	67851	92.648	ug/l	93
13) Acrolein	3.723	56	44998	461.838	ug/l	100
14) Allyl chloride	4.473	41	149602	96.137	ug/l	94
15) Acrylonitrile	5.155	53	166753	463.606	ug/l	99
16) Acetone	3.942	43	203025	446.326	ug/l	97
17) Carbon Disulfide	4.186	76	154138	100.915	ug/l	99
18) Methyl Acetate	4.473	43	119075	88.167	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	277044	99.321	ug/l	99
20) Methylene Chloride	4.710	84	98135	100.664	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	81776	95.187	ug/l	96
22) Diisopropyl ether	6.119	45	345020	100.116	ug/l	99
23) Vinyl Acetate	6.058	43	1070283	494.714	ug/l	99
24) 1,1-Dichloroethane	6.015	63	170127	95.636	ug/l	97
25) 2-Butanone	6.984	43	265559	451.706	ug/l	95
26) 2,2-Dichloropropane	6.978	77	156936	93.433	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	102910	99.284	ug/l	97
28) Bromochloromethane	7.332	49	84186	100.241	ug/l	95
29) Tetrahydrofuran	7.344	42	157185	458.486	ug/l	97
30) Chloroform	7.503	83	179820	96.874	ug/l	100
31) Cyclohexane	7.783	56	125803	102.820	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	156469	96.205	ug/l	99
36) 1,1-Dichloropropene	7.917	75	122051	97.999	ug/l	99
37) Ethyl Acetate	7.070	43	104203	90.388	ug/l	98
38) Carbon Tetrachloride	7.899	117	141114	97.312	ug/l	100
39) Methylcyclohexane	9.179	83	134426	102.711	ug/l	96
40) Benzene	8.155	78	359541	97.999	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	147192	244.843	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	128996	95.708	ug/l	99
43) Isopropyl Acetate	8.271	43	194855	96.757	ug/l	96
44) Trichloroethene	8.935	130	94635	98.829	ug/l	93
45) 1,2-Dichloropropane	9.216	63	99599	99.688	ug/l	98
46) Dibromomethane	9.301	93	58860	96.791	ug/l	99
47) Bromodichloromethane	9.496	83	144172	98.184	ug/l	98
48) Methyl methacrylate	9.289	41	87347	98.773	ug/l	93
49) 1,4-Dioxane	9.301	88	17190	1987.245	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	545504	477.668	ug/l	97
52) Toluene	10.240	92	230281	100.100	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	157359	102.272	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	165505	100.303	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	84191	97.889	ug/l	99
56) Ethyl methacrylate	10.508	69	126793	105.512	ug/l	94
57) 1,3-Dichloropropane	10.789	76	142668	98.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	275606	505.669	ug/l	98
59) 2-Hexanone	10.831	43	406153	482.254	ug/l	97
60) Dibromochloromethane	10.984	129	107240	100.203	ug/l	100
61) 1,2-Dibromoethane	11.087	107	78951	96.166	ug/l	98
64) Tetrachloroethene	10.721	164	80585	94.859	ug/l	97
65) Chlorobenzene	11.514	112	257951	98.372	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	103317	99.067	ug/l	99
67) Ethyl Benzene	11.593	91	464513	102.057	ug/l	99
68) m/p-Xylenes	11.703	106	351505	202.961	ug/l	98
69) o-Xylene	12.026	106	169736	103.109	ug/l	99
70) Styrene	12.044	104	292579	104.220	ug/l	98
71) Bromoform	12.209	173	73634	98.388	ug/l #	98
73) Isopropylbenzene	12.325	105	459647	103.439	ug/l	100
74) N-amyl acetate	12.142	43	170963	100.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	112531	94.737	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	145047	162.505	ug/l #	100
77) Bromobenzene	12.605	156	111719	98.811	ug/l	99
78) n-propylbenzene	12.672	91	559877	102.356	ug/l	100
79) 2-Chlorotoluene	12.752	91	313834	100.762	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	377599	102.740	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	40610	97.195	ug/l	96
82) 4-Chlorotoluene	12.855	91	327822	100.796	ug/l	98
83) tert-Butylbenzene	13.075	119	340951	103.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	372579	101.960	ug/l	99
85) sec-Butylbenzene	13.252	105	497648	103.060	ug/l	99
86) p-Isopropyltoluene	13.367	119	411788	101.737	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	212160	95.827	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	214177	94.867	ug/l	99
89) n-Butylbenzene	13.697	91	391693	103.242	ug/l	100
90) Hexachloroethane	13.959	117	84204	98.125	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	197628	96.882	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19824	87.580	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	124864	99.203	ug/l	99
94) Hexachlorobutadiene	15.111	225	68497	92.162	ug/l	99
95) Naphthalene	15.233	128	281162	99.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	111555	94.949	ug/l	99

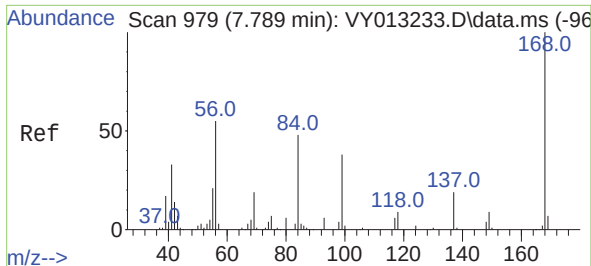
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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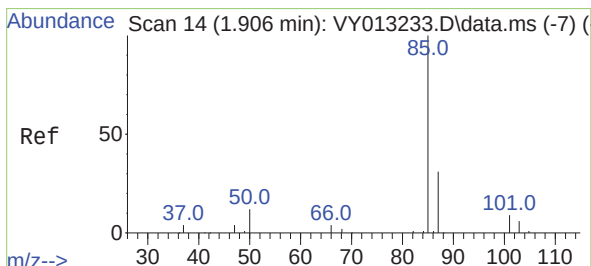
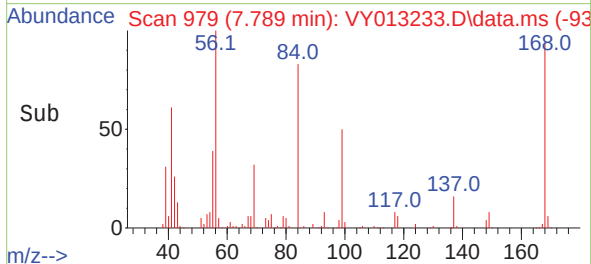
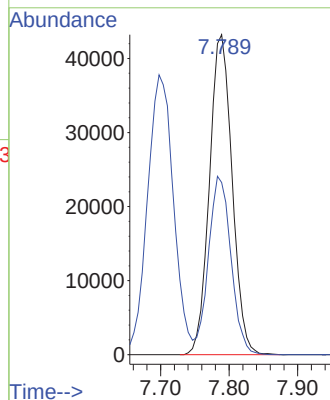
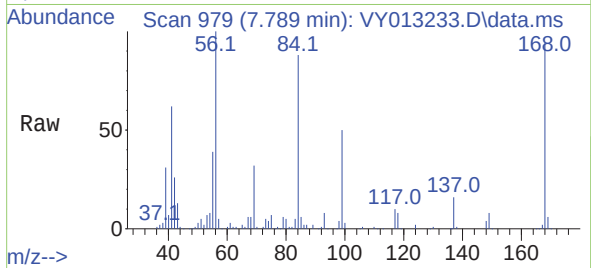
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

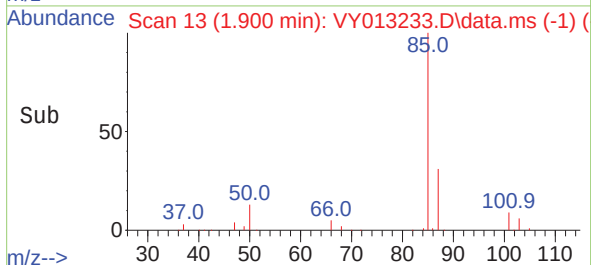
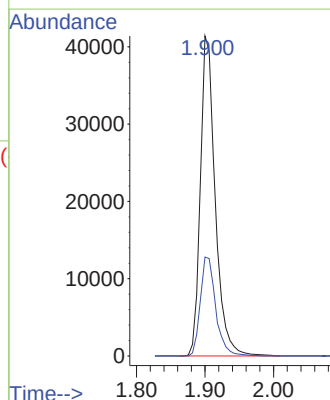
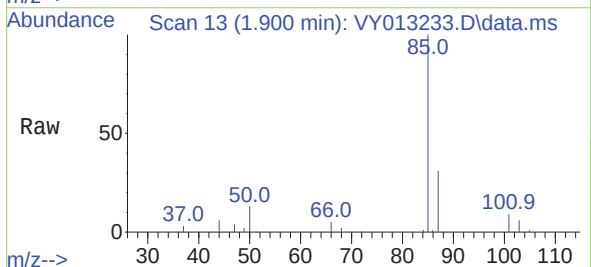
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:168 Resp: 99401
Ion Ratio Lower Upper
168 100
99 53.8 41.7 62.5

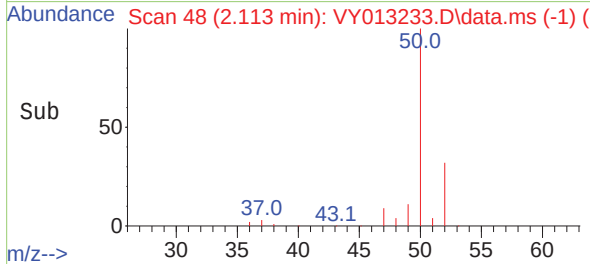
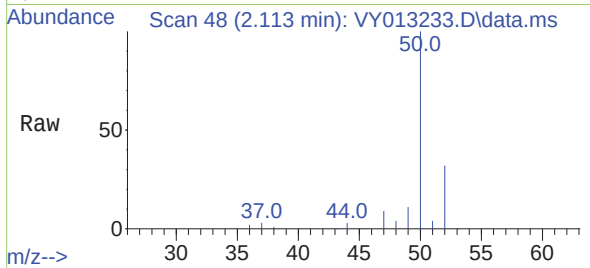
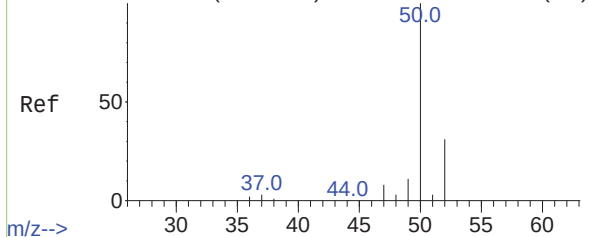


#2
Dichlorodifluoromethane
Concen: 104.272 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 85 Resp: 62546
Ion Ratio Lower Upper
85 100
87 30.9 16.7 50.0



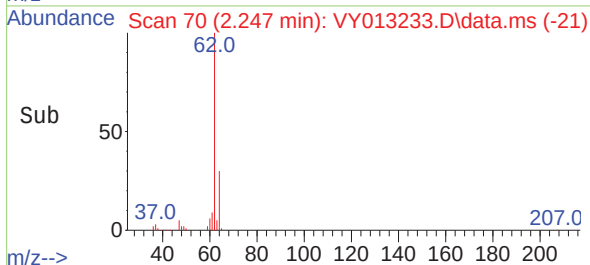
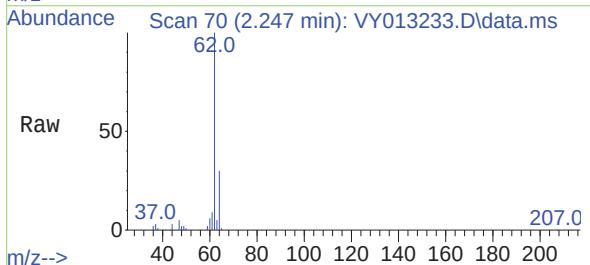
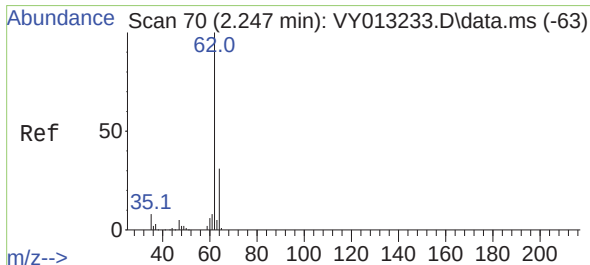
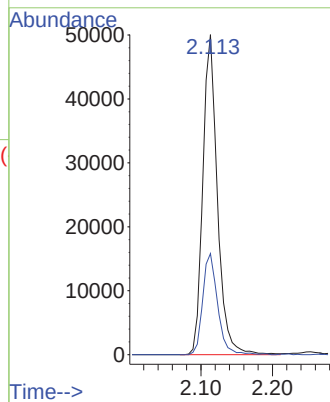
Abundance Scan 47 (2.107 min): VY013233.D\data.ms (-42)



#3
Chloromethane
Concen: 99.452 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

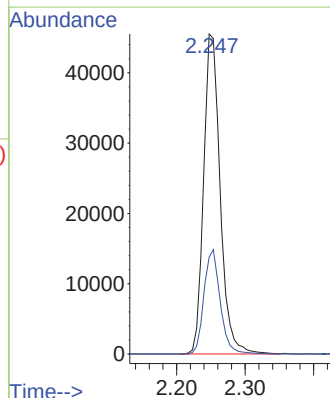
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

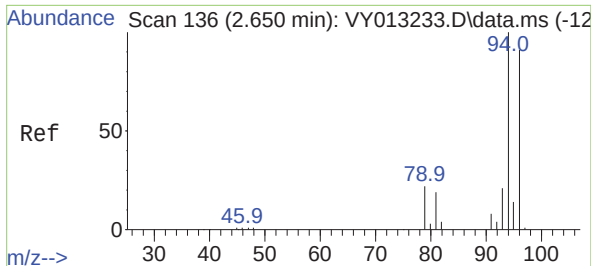
Tgt Ion: 50 Resp: 70881
Ion Ratio Lower Upper
50 100
52 31.6 26.0 39.0



#4
Vinyl Chloride
Concen: 89.976 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 62 Resp: 76612
Ion Ratio Lower Upper
62 100
64 30.2 25.6 38.4





#5

Bromomethane

Concen: 100.732 ug/l

RT: 2.638 min Scan# 14

Delta R.T. -0.012 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

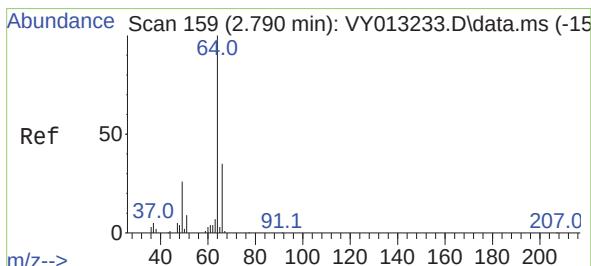
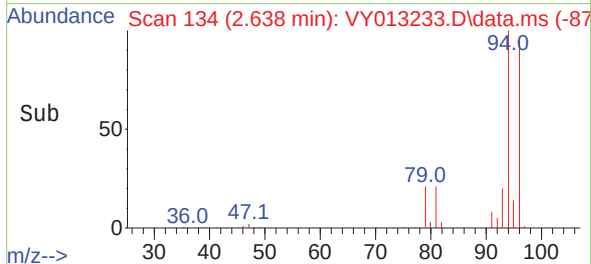
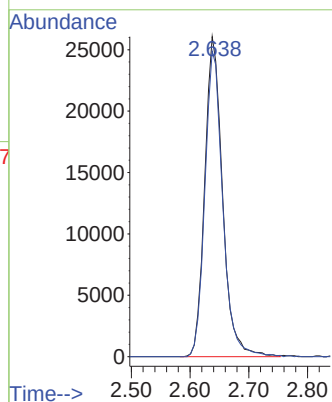
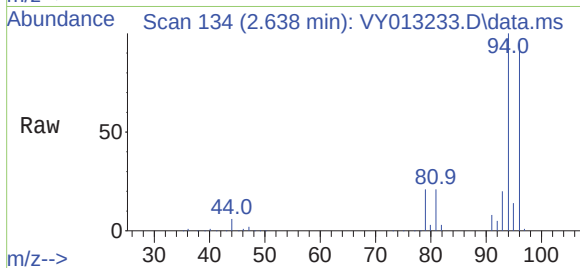
VSTDICC100

Tgt Ion: 94 Resp: 54985

Ion Ratio Lower Upper

94 100

96 95.5 80.3 120.5



#6

Chloroethane

Concen: 91.860 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.000 min

Lab File: VY013233.D

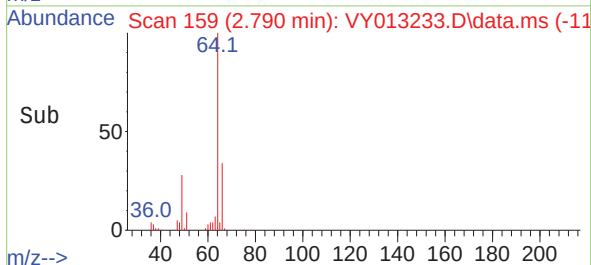
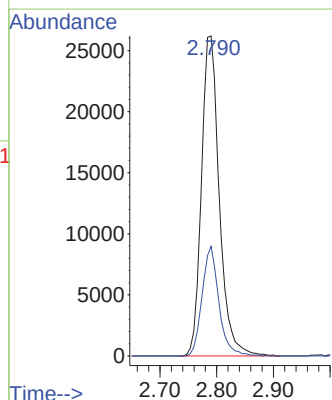
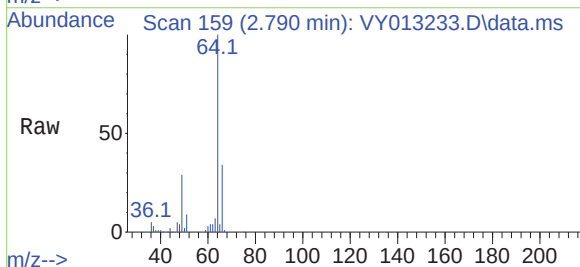
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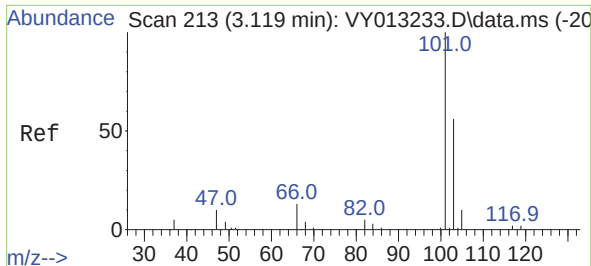
Tgt Ion: 64 Resp: 57197

Ion Ratio Lower Upper

64 100

66 34.3 25.7 38.5

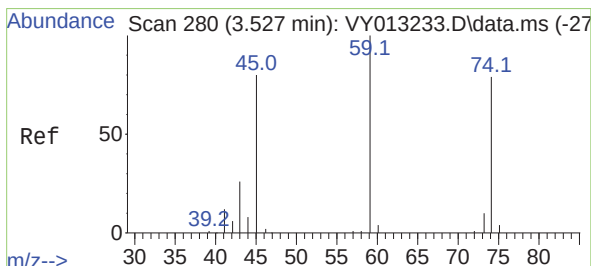
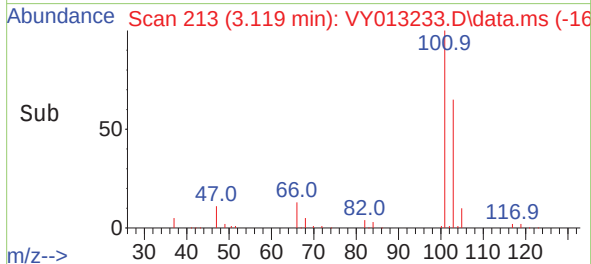
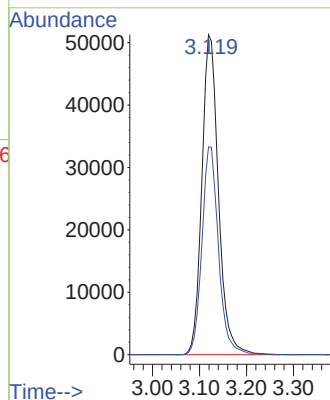
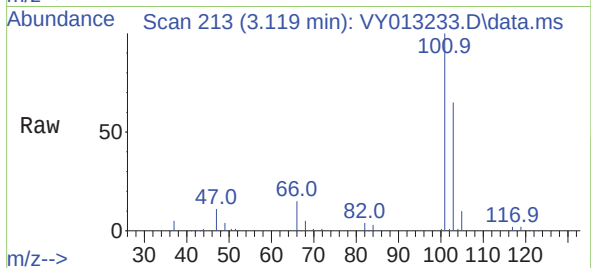




#7
Trichlorofluoromethane
Concen: 91.353 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

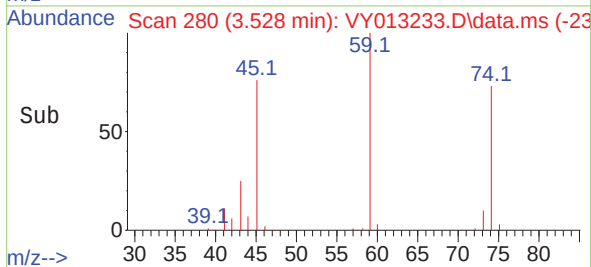
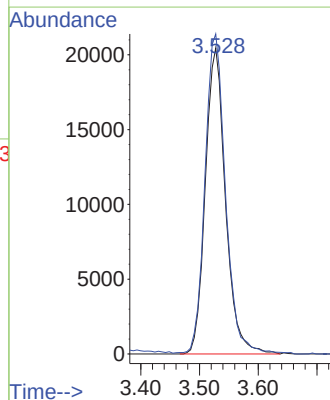
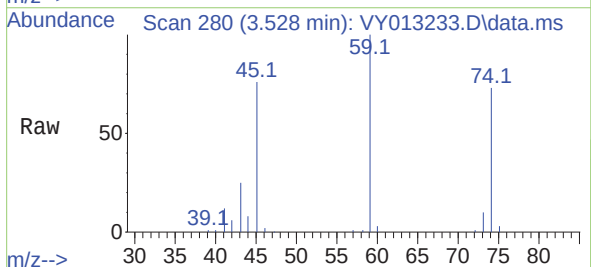
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

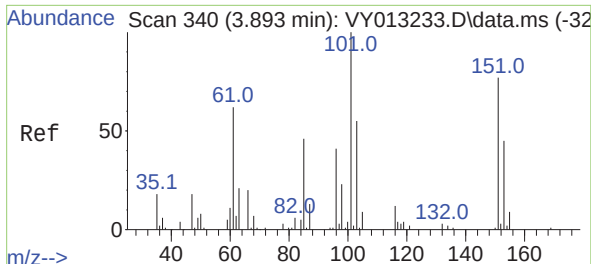
Tgt Ion:101 Resp: 125939
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3



#8
Diethyl Ether
Concen: 93.182 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 74 Resp: 48754
Ion Ratio Lower Upper
74 100
45 107.0 52.1 156.4

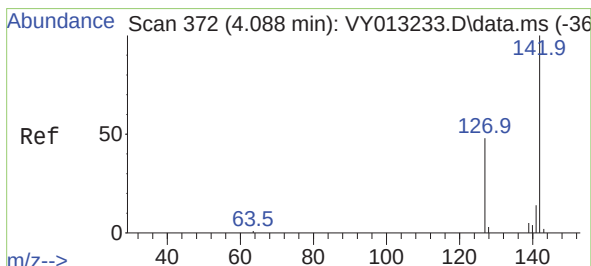
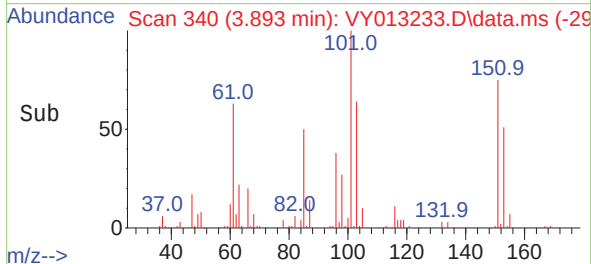
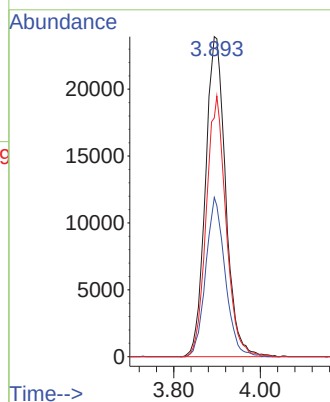
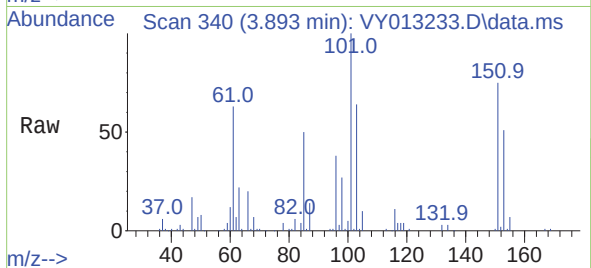




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.127 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013233.D
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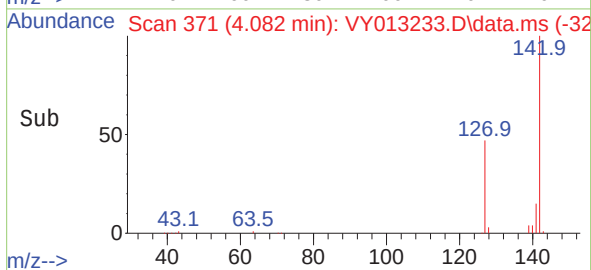
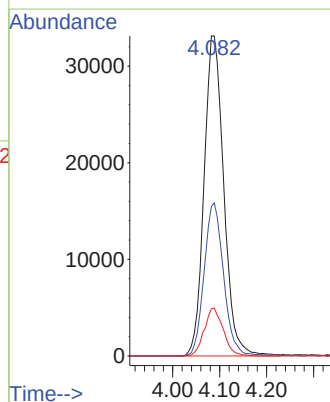
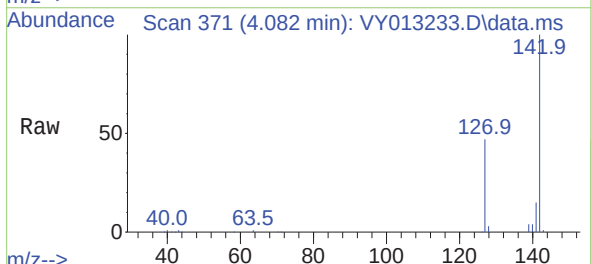
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

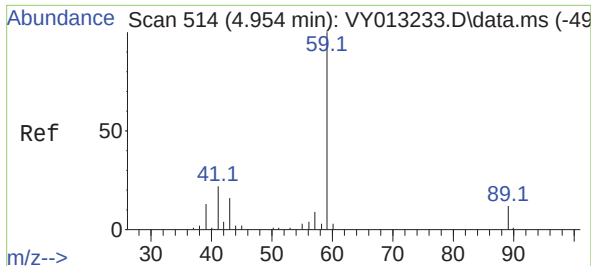
Tgt Ion:101 Resp: 77447
Ion Ratio Lower Upper
101 100
85 47.9 35.3 52.9
151 79.5 63.1 94.7



#10
Methyl Iodide
Concen: 95.236 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion:142 Resp: 96490
Ion Ratio Lower Upper
142 100
127 47.2 35.4 53.2
141 14.4 11.3 16.9

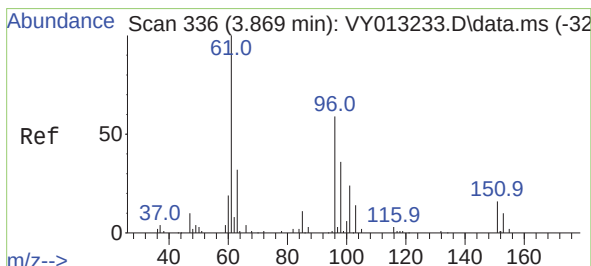
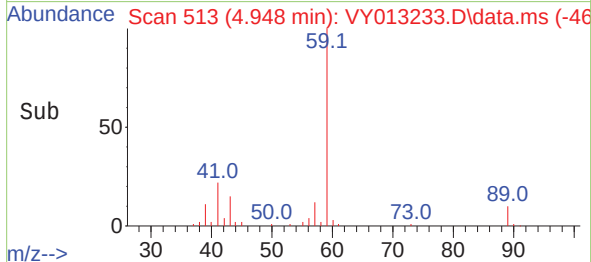
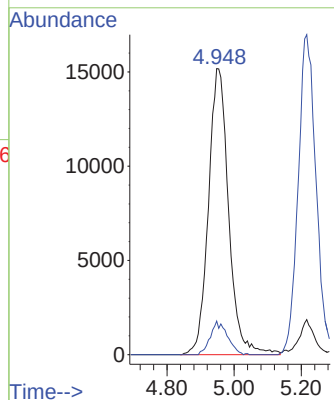
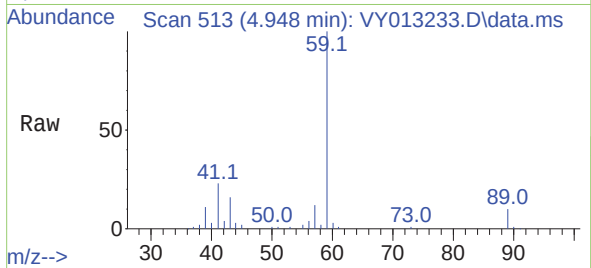




#11
Tert butyl alcohol
Concen: 327.416 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

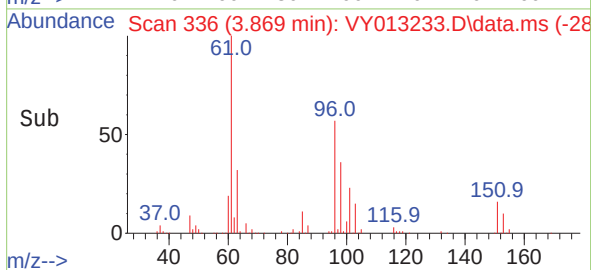
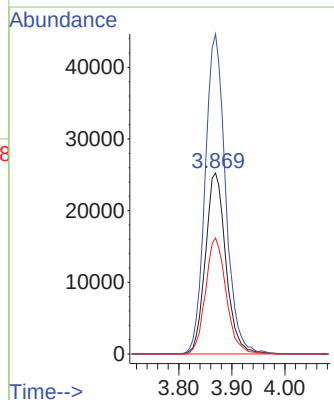
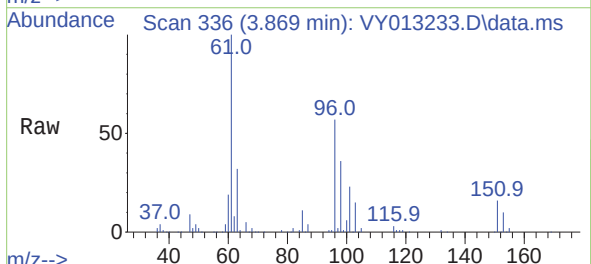
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

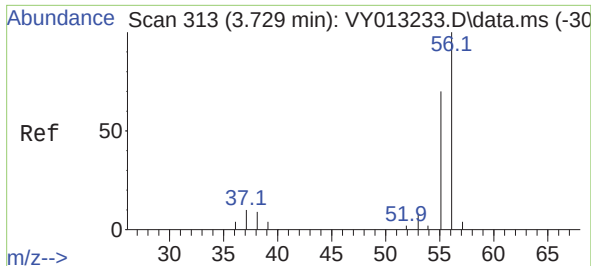
Tgt Ion: 59 Resp: 63393
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 92.648 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 96 Resp: 67851
Ion Ratio Lower Upper
96 100
61 176.9 131.7 197.5
98 64.1 52.0 78.0

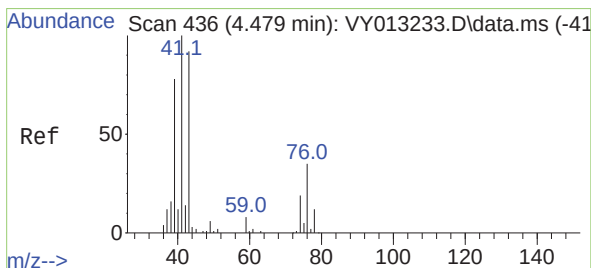
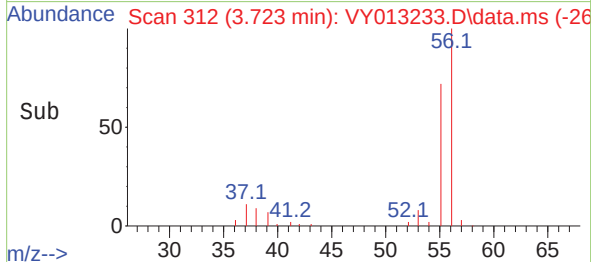
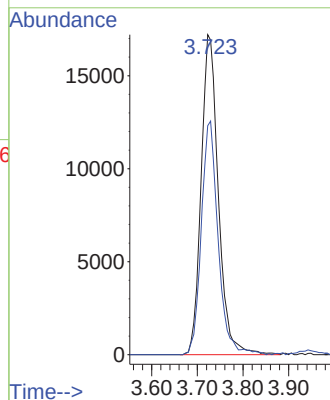
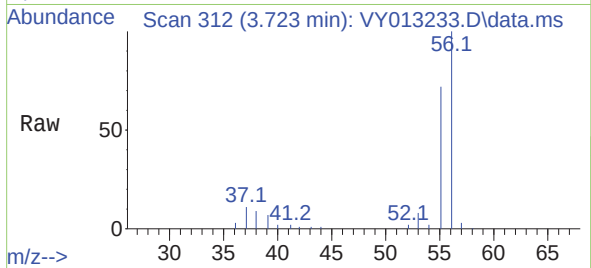




#13
Acrolein
Concen: 461.838 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

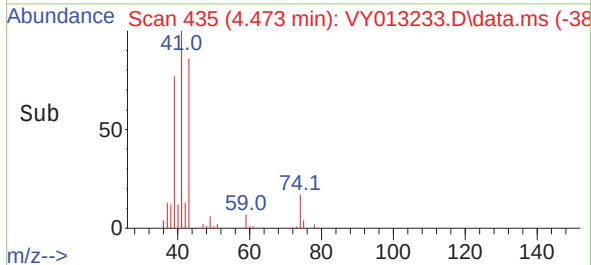
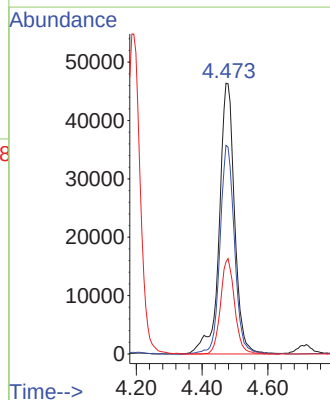
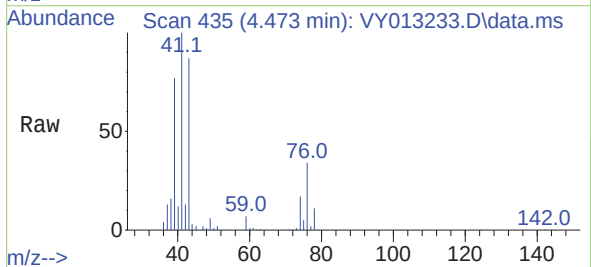
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

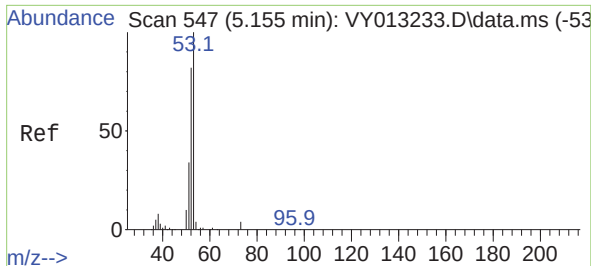
Tgt Ion: 56 Resp: 44998
Ion Ratio Lower Upper
56 100
55 71.3 56.8 85.2



#14
Allyl chloride
Concen: 96.137 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 41 Resp: 149602
Ion Ratio Lower Upper
41 100
39 73.0 53.6 80.4
76 32.1 27.2 40.8

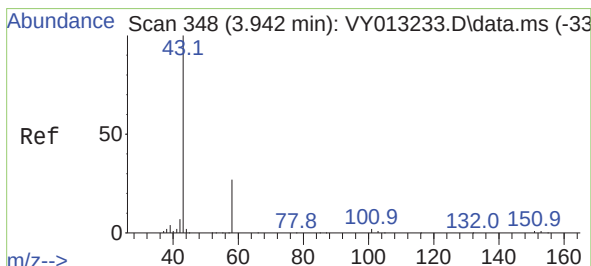
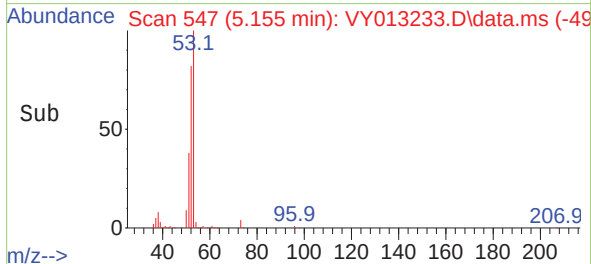
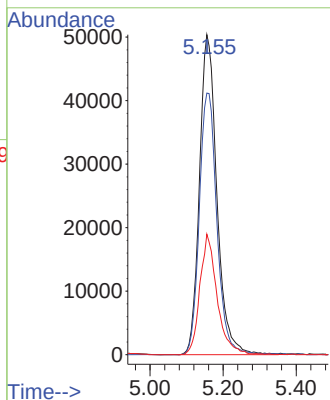
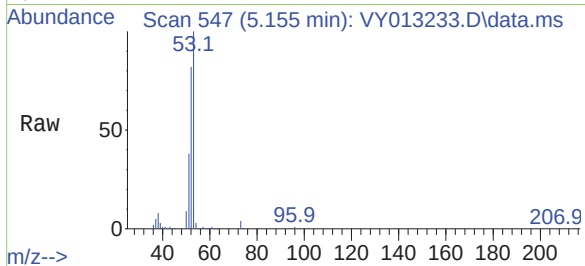




#15
Acrylonitrile
Concen: 463.606 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

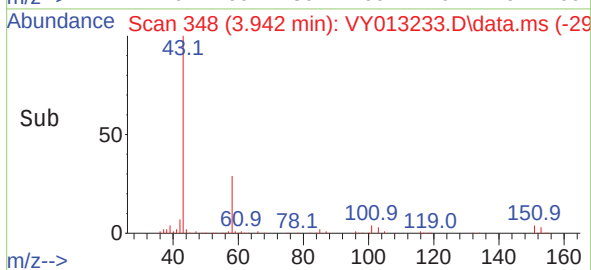
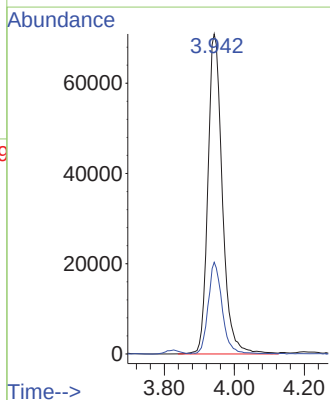
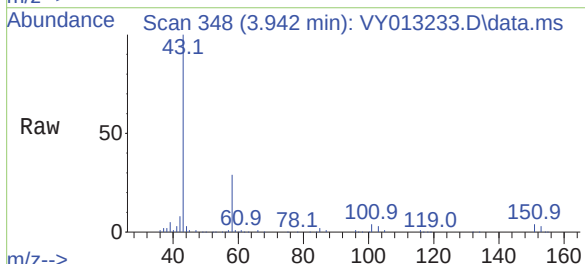
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

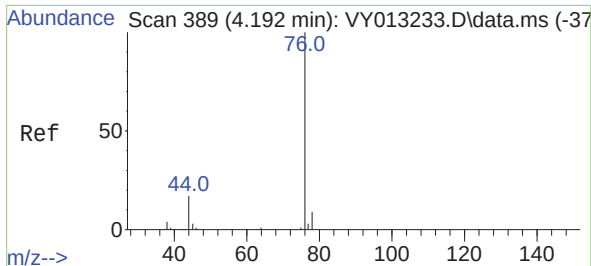
Tgt Ion: 53 Resp: 166753
Ion Ratio Lower Upper
53 100
52 82.6 66.3 99.5
51 37.3 28.8 43.2



#16
Acetone
Concen: 446.326 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 43 Resp: 203025
Ion Ratio Lower Upper
43 100
58 28.6 24.2 36.2





#17

Carbon Disulfide

Concen: 100.915 ug/l

RT: 4.186 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

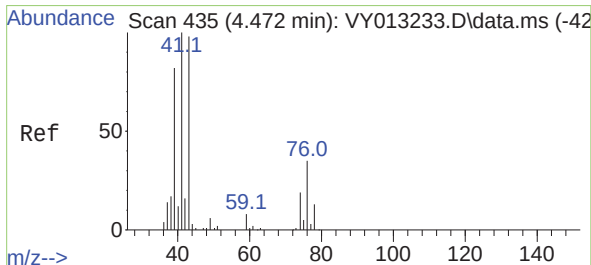
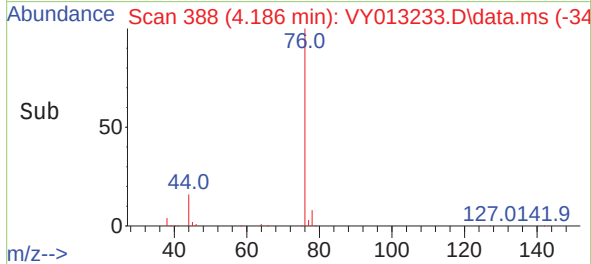
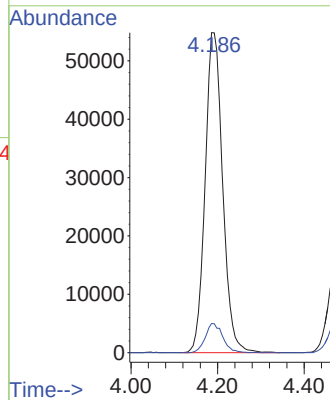
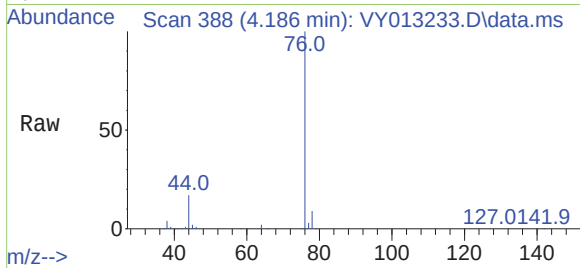
VSTDICC100

Tgt Ion: 76 Resp: 154138

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 88.167 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.001 min

Lab File: VY013233.D

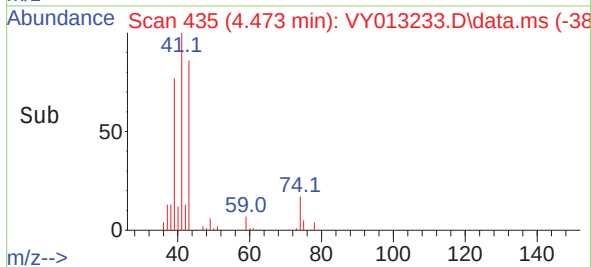
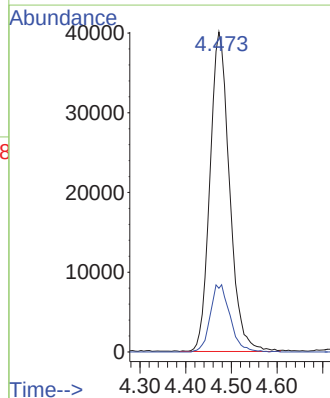
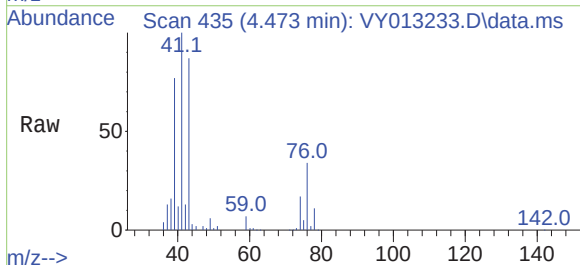
Acq: 10 Apr 2023 18:08

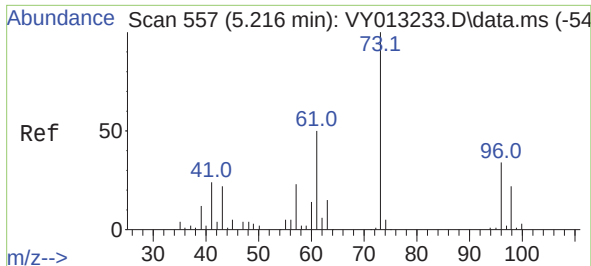
Tgt Ion: 43 Resp: 119075

Ion Ratio Lower Upper

43 100

74 21.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 99.321 ug/l

RT: 5.216 min Scan# 557

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

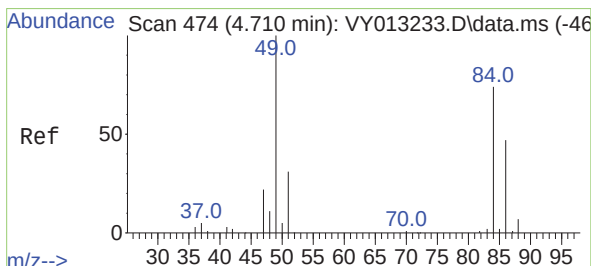
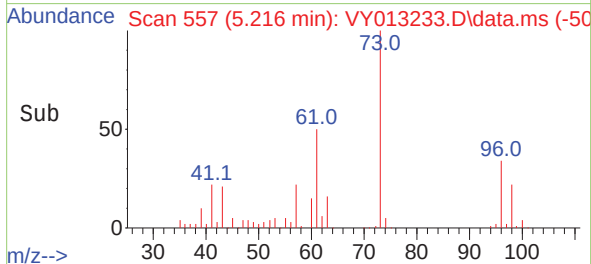
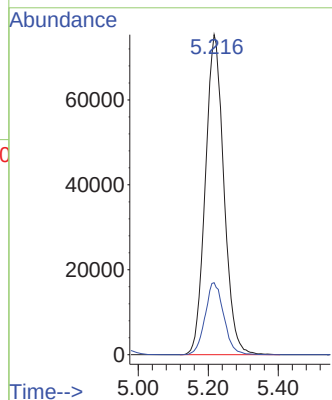
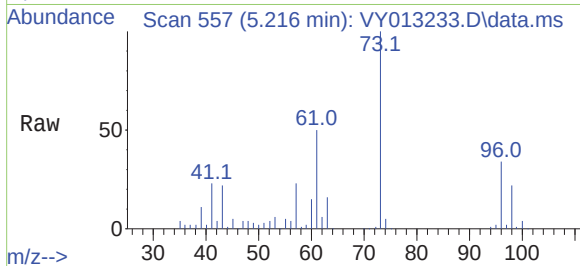
VSTDIC100

Tgt Ion: 73 Resp: 277044

Ion Ratio Lower Upper

73 100

57 22.5 18.3 27.5



#20

Methylene Chloride

Concen: 100.664 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Tgt Ion: 84 Resp: 98135

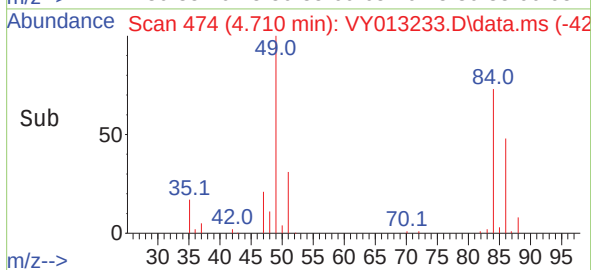
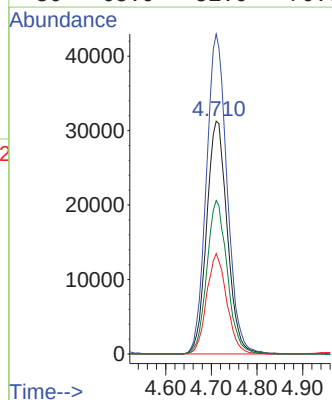
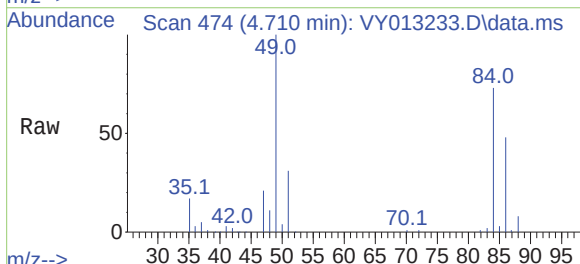
Ion Ratio Lower Upper

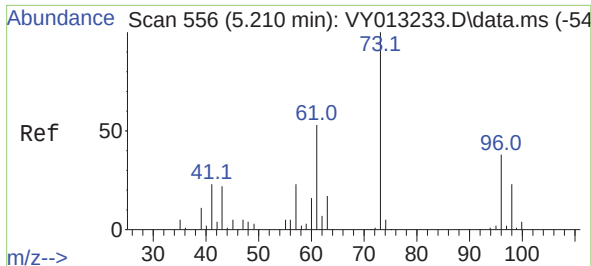
84 100

49 137.4 102.6 154.0

51 43.1 31.9 47.9

86 65.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 95.187 ug/l

RT: 5.216 min Scan# 556

Delta R.T. 0.006 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

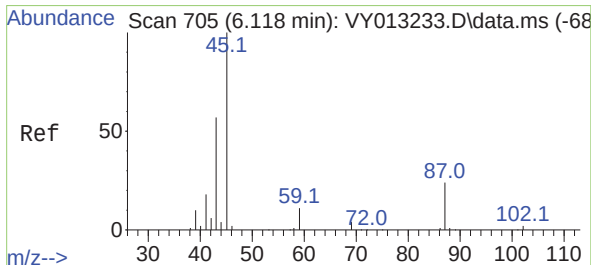
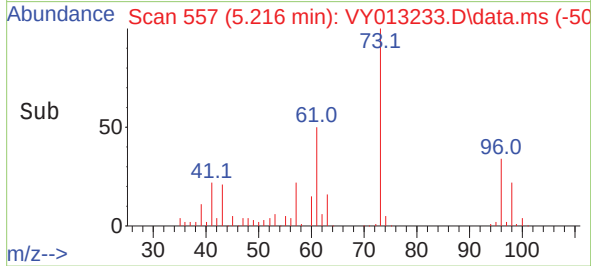
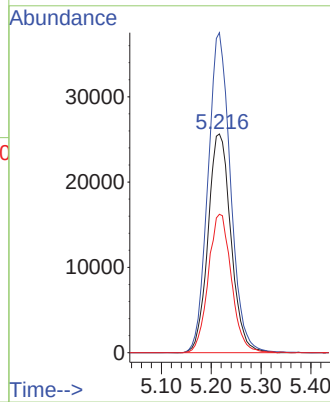
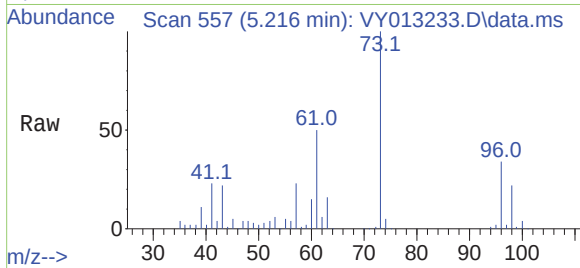
Tgt Ion: 96 Resp: 81776

Ion Ratio Lower Upper

96 100

61 146.3 111.4 167.0

98 63.3 50.8 76.2



#22

Diisopropyl ether

Concen: 100.116 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.001 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Tgt Ion: 45 Resp: 345020

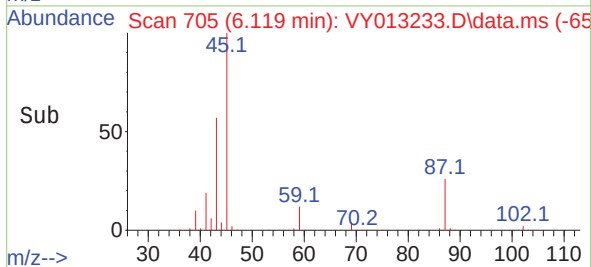
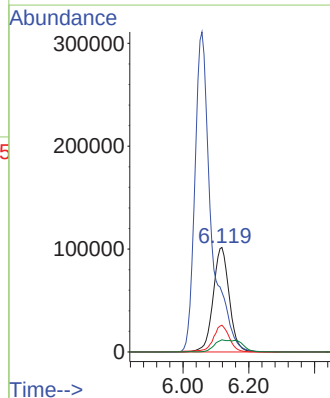
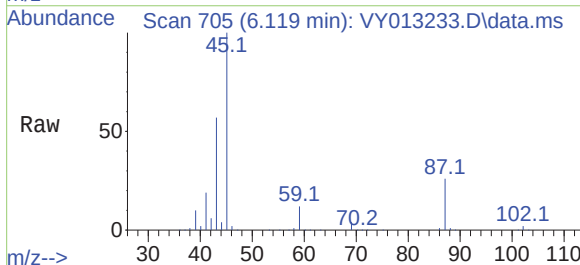
Ion Ratio Lower Upper

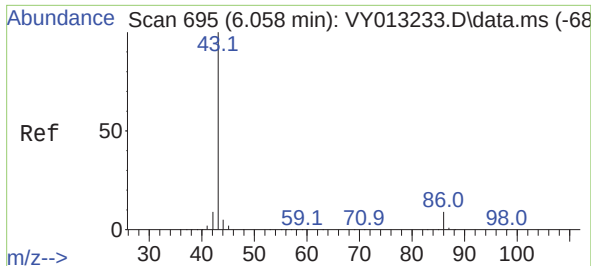
45 100

43 56.9 45.0 67.6

87 25.6 20.3 30.5

59 11.6 8.8 13.2

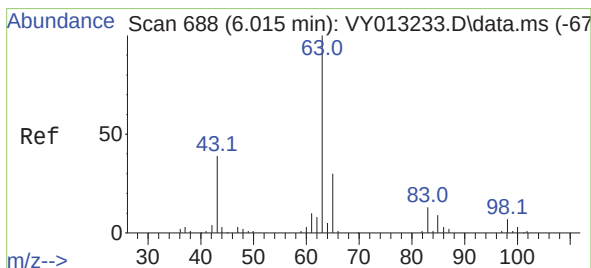
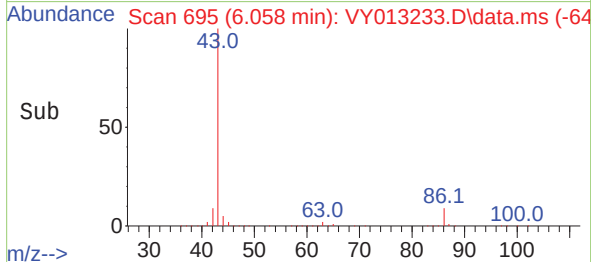
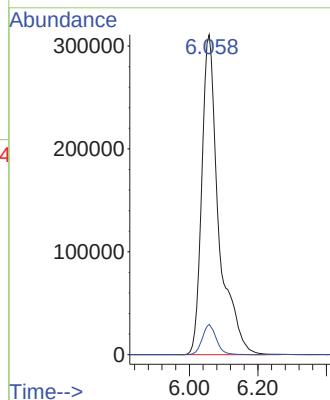
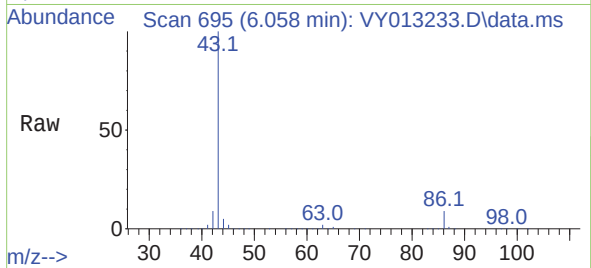




#23
 Vinyl Acetate
 Concen: 494.714 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013233.D
 Acq: 10 Apr 2023 18:08

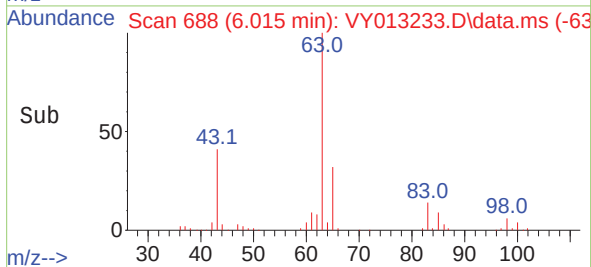
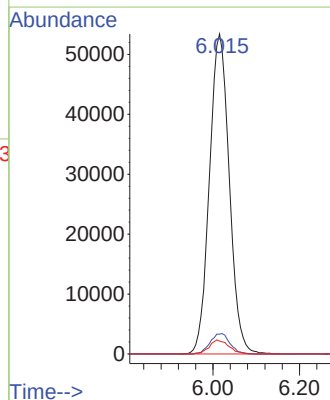
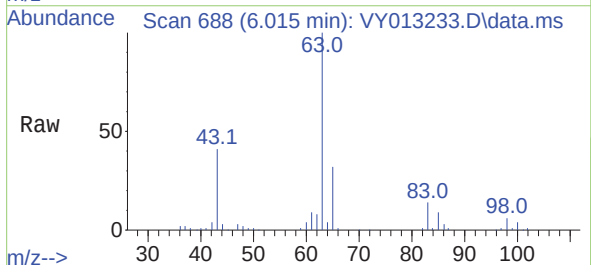
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

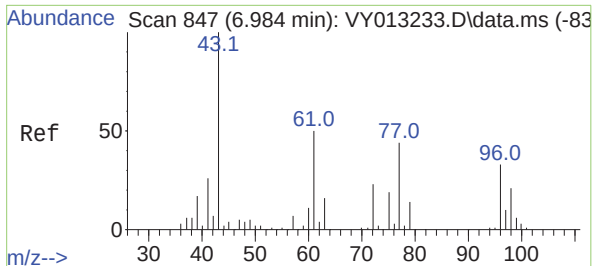
Tgt Ion: 43 Resp: 1070283
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 95.636 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY013233.D
 Acq: 10 Apr 2023 18:08

Tgt Ion: 63 Resp: 170127
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.7 11.1
 100 4.0 2.3 6.8

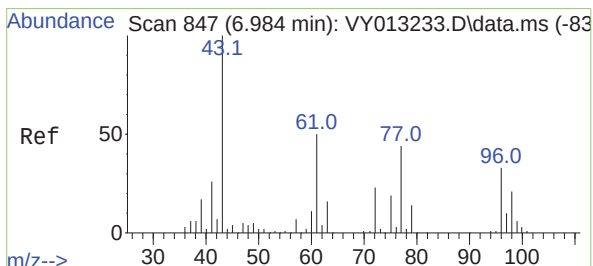
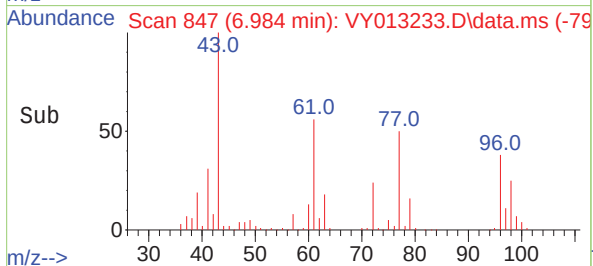
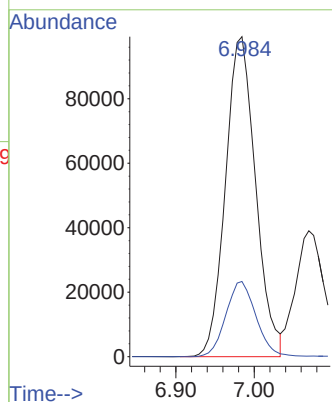
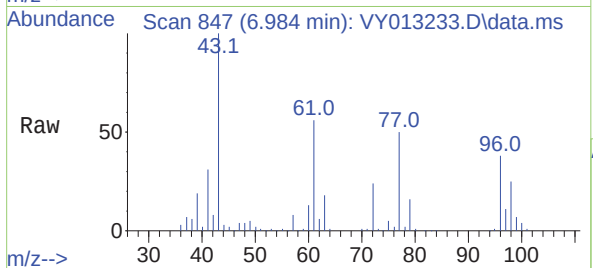




#25
2-Butanone
Concen: 451.706 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

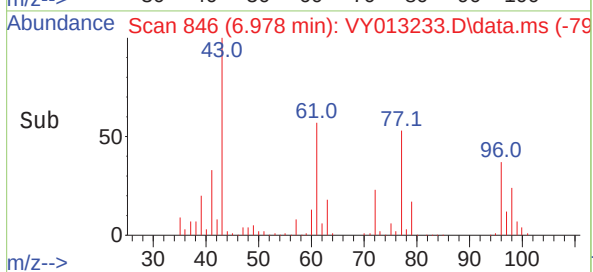
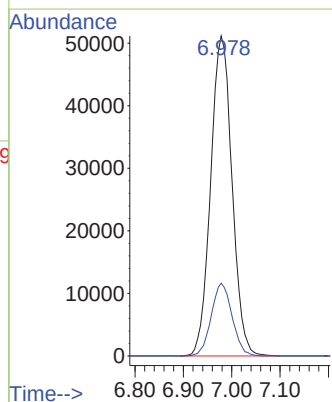
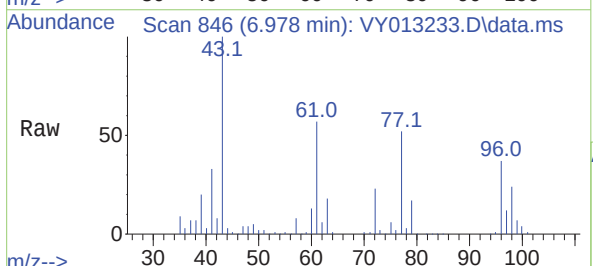
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

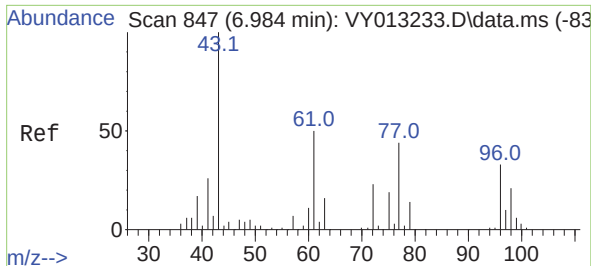
Tgt Ion: 43 Resp: 265559
Ion Ratio Lower Upper
43 100
72 23.5 21.0 31.4



#26
2,2-Dichloropropane
Concen: 93.433 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 77 Resp: 156936
Ion Ratio Lower Upper
77 100
97 22.2 11.7 35.0

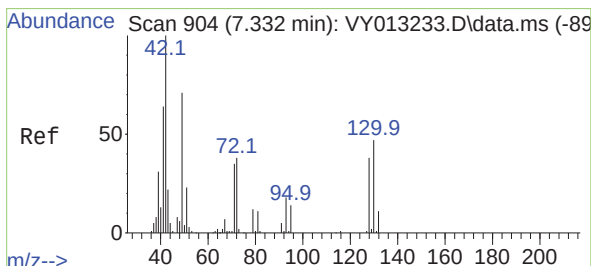
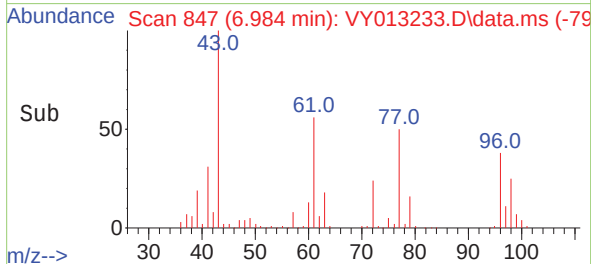
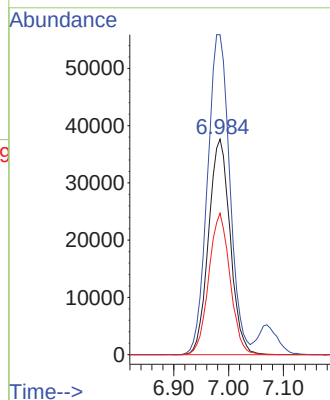
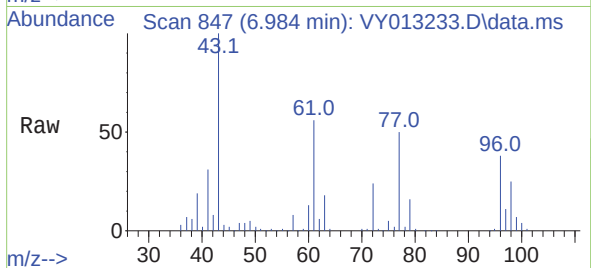




#27
 cis-1,2-Dichloroethene
 Concen: 99.284 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013233.D
 Acq: 10 Apr 2023 18:08

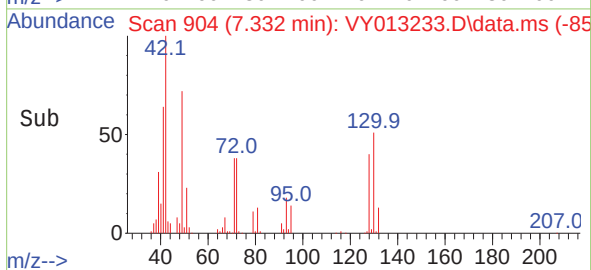
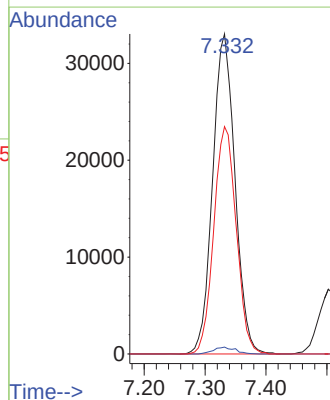
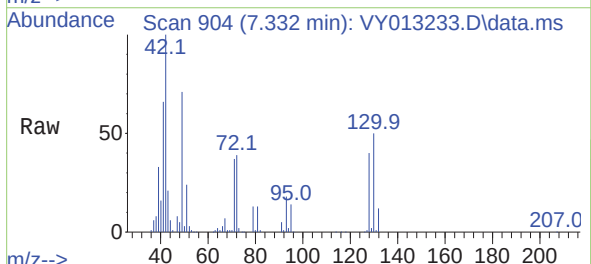
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

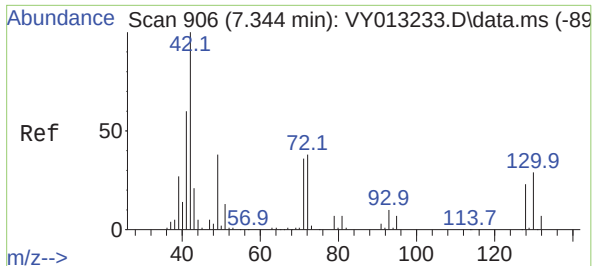
Tgt Ion: 96 Resp: 102910
 Ion Ratio Lower Upper
 96 100
 61 153.4 0.0 295.8
 98 64.5 0.0 130.2



#28
 Bromochloromethane
 Concen: 100.241 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013233.D
 Acq: 10 Apr 2023 18:08

Tgt Ion: 49 Resp: 84186
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 71.4 60.5 90.7

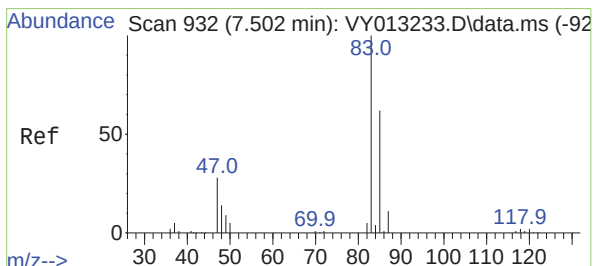
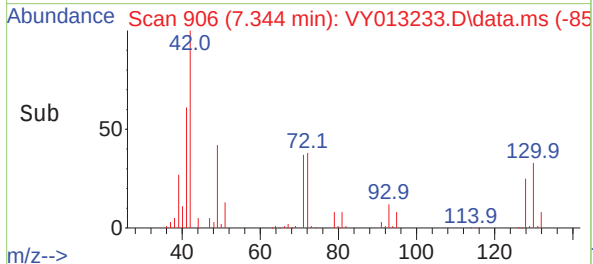
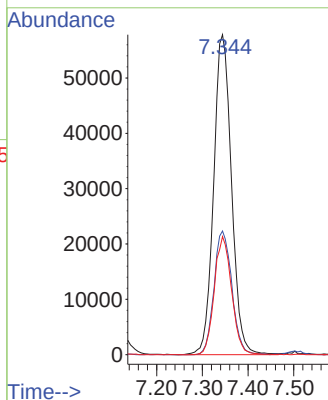
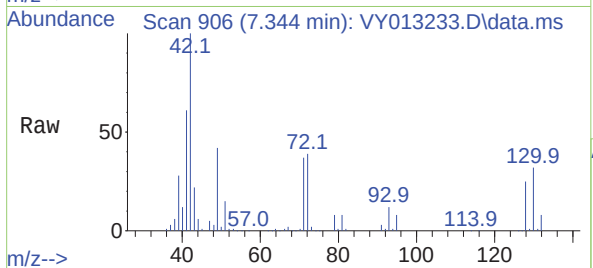




#29
Tetrahydrofuran
Concen: 458.486 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

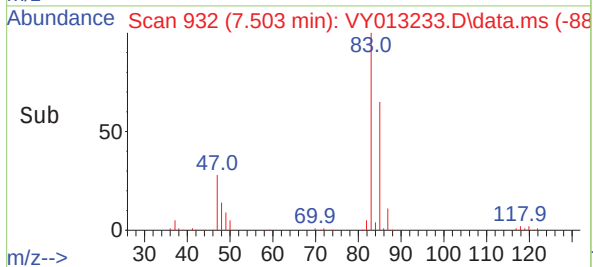
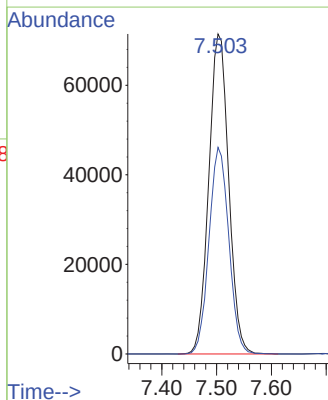
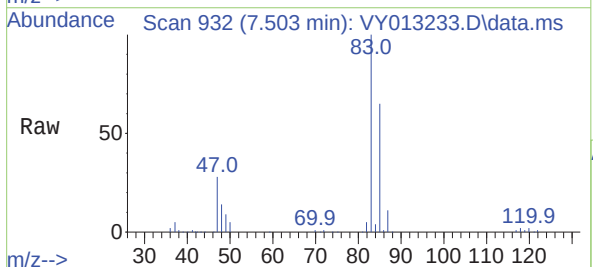
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

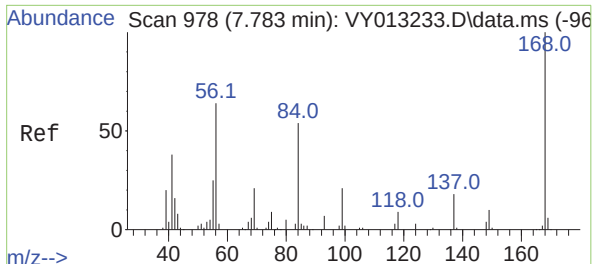
Tgt Ion: 42 Resp: 157185
Ion Ratio Lower Upper
42 100
72 38.6 32.3 48.5
71 35.8 30.3 45.5



#30
Chloroform
Concen: 96.874 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 83 Resp: 179820
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0





#31

Cyclohexane

Concen: 102.820 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

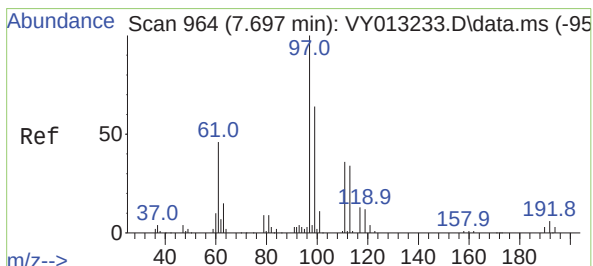
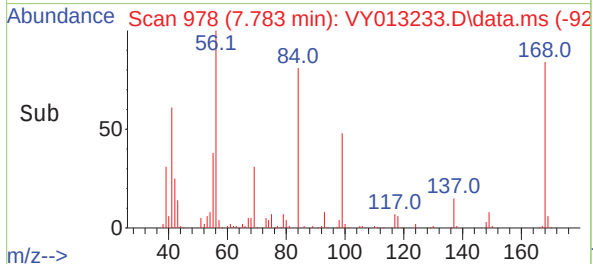
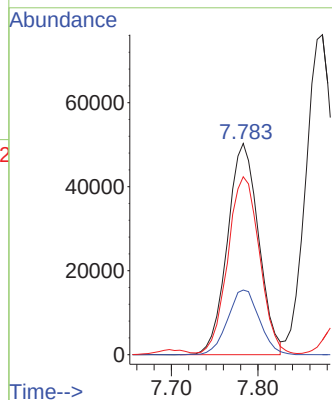
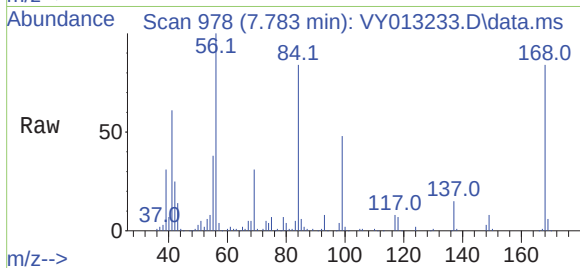
Tgt Ion: 56 Resp: 125803

Ion Ratio Lower Upper

56 100

69 30.6 25.7 38.5

84 82.1 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 96.205 ug/l

RT: 7.698 min Scan# 964

Delta R.T. 0.001 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

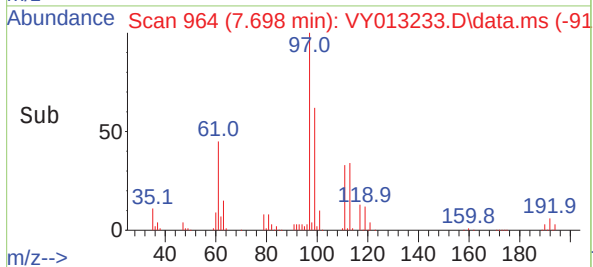
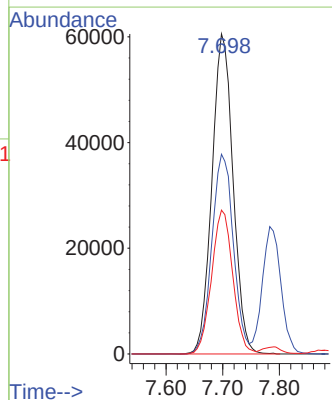
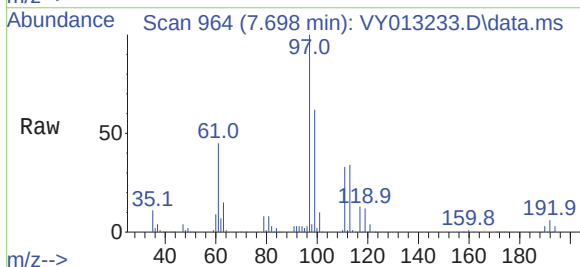
Tgt Ion: 97 Resp: 156469

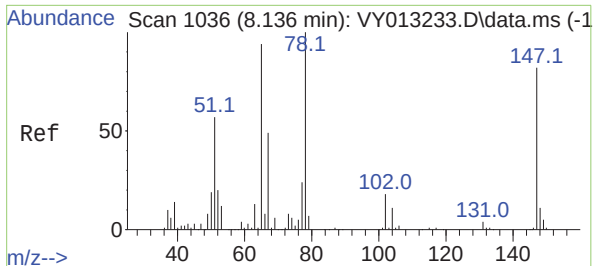
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.6

61 45.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 91.828 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

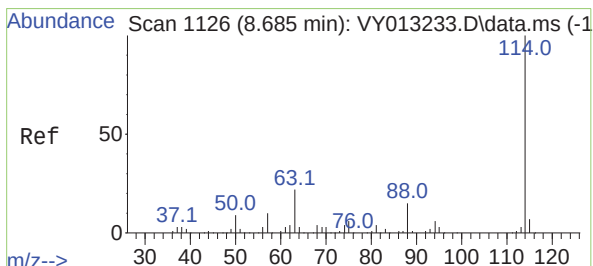
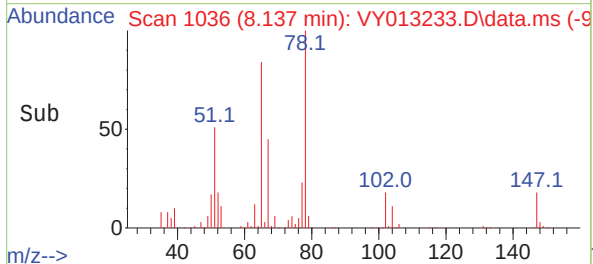
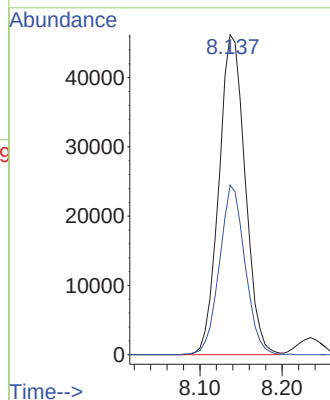
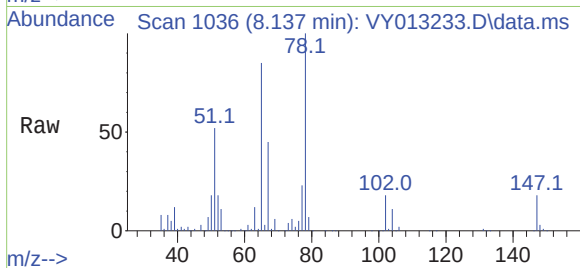
VSTDICC100

Tgt Ion: 65 Resp: 102646

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

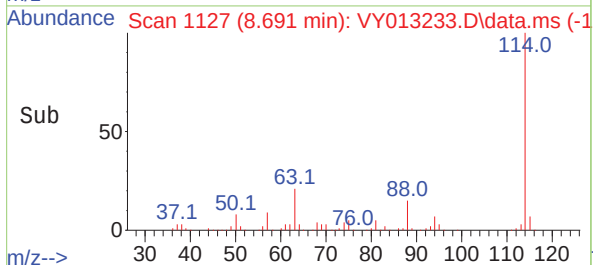
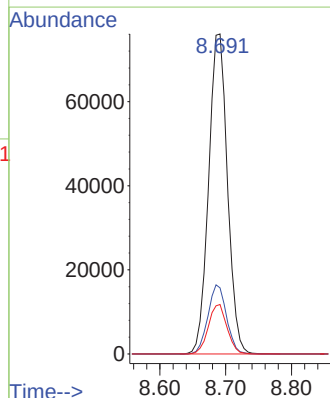
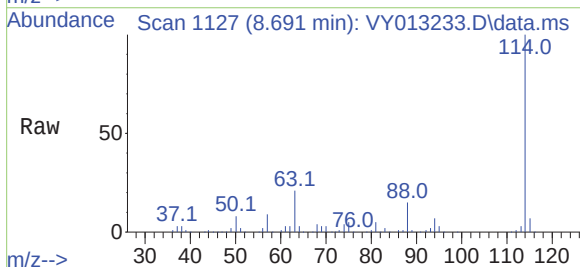
Tgt Ion: 114 Resp: 151496

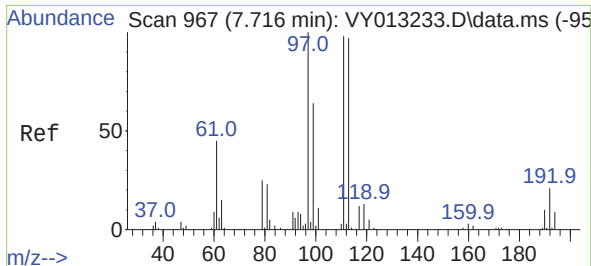
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 15.4 0.0 28.6

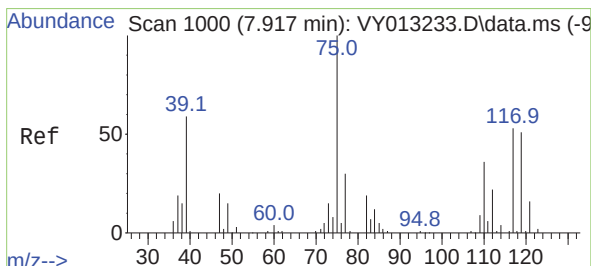
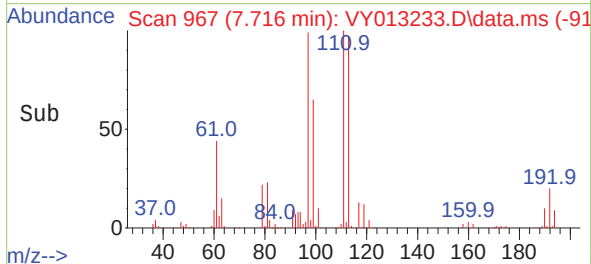
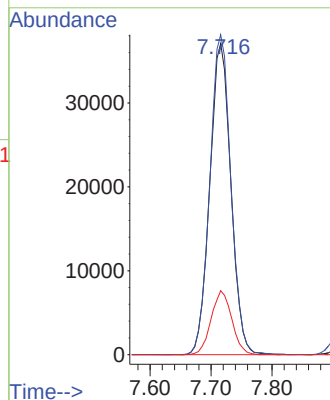
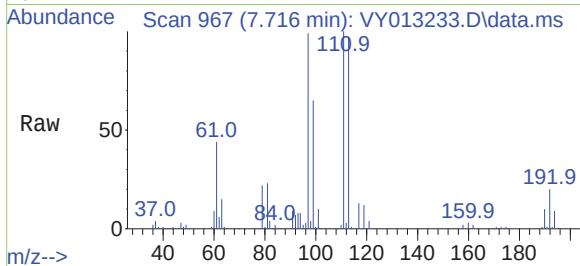




#35
Dibromofluoromethane
Concen: 98.440 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

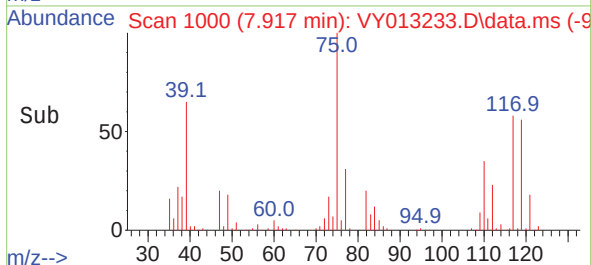
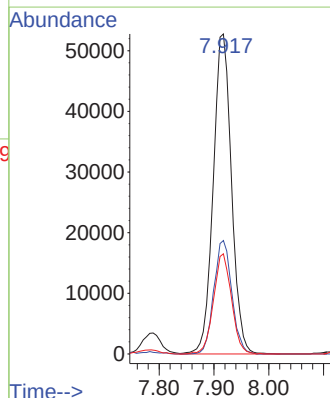
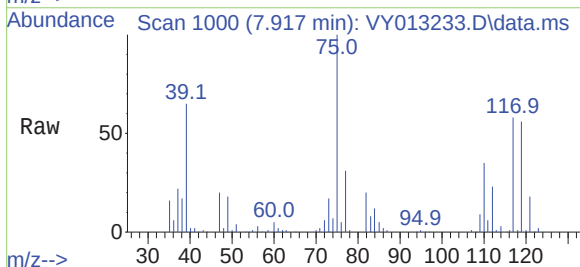
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

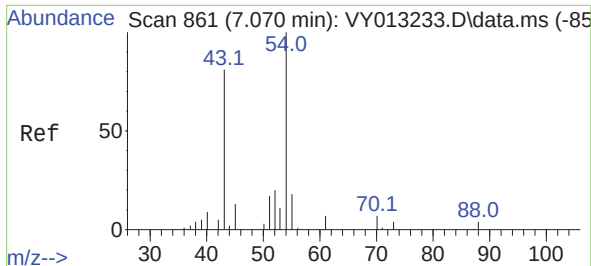
Tgt Ion:113 Resp: 89145
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 20.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 97.999 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 75 Resp: 122051
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 90.388 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

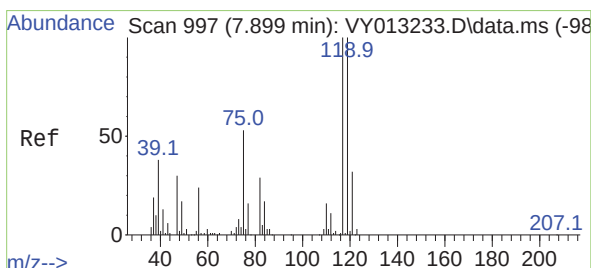
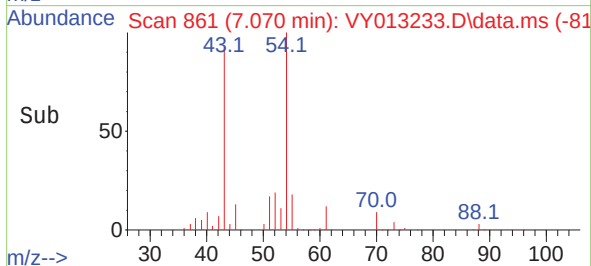
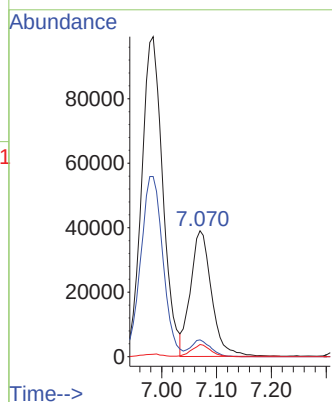
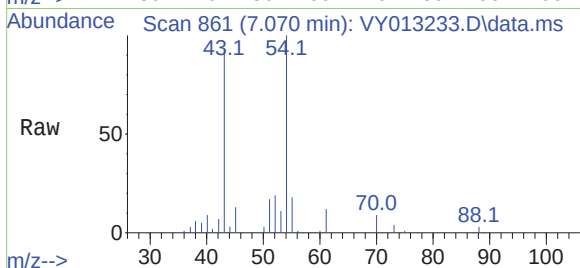
Tgt Ion: 43 Resp: 104203

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 97.312 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

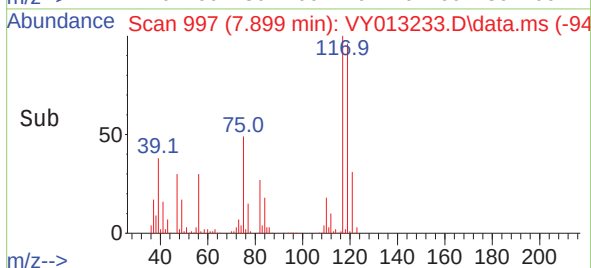
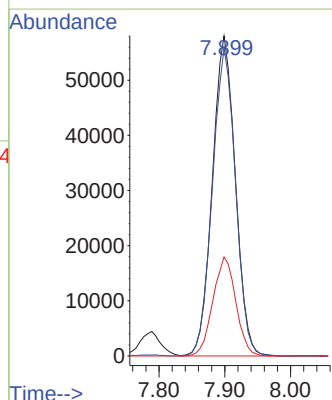
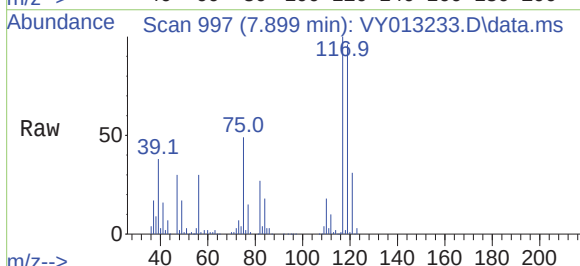
Tgt Ion: 117 Resp: 141114

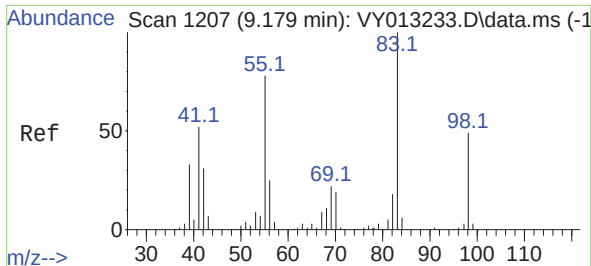
Ion Ratio Lower Upper

117 100

119 96.2 77.2 115.8

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 102.711 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

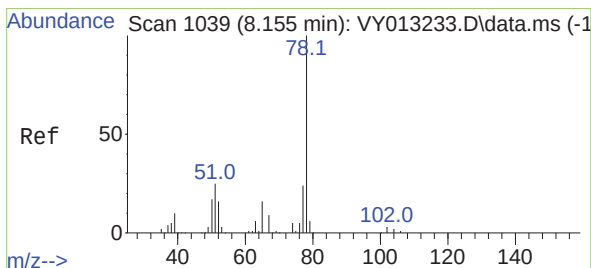
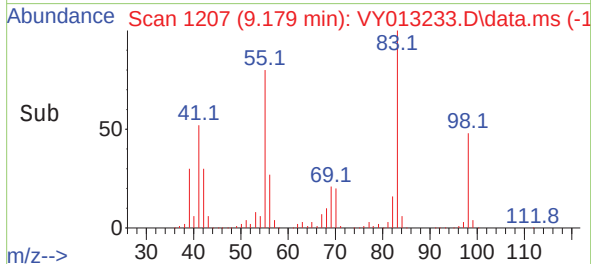
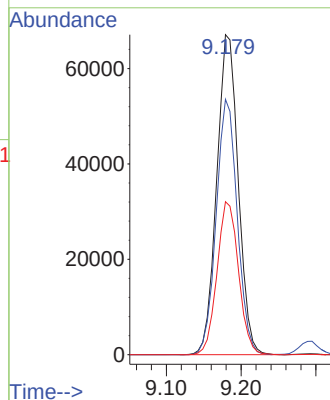
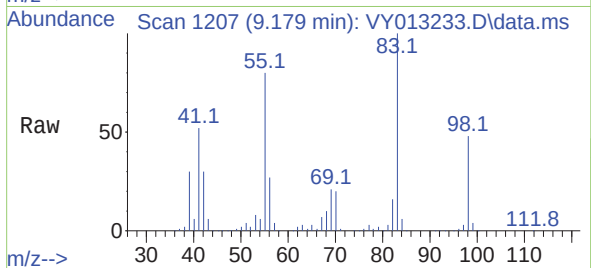
Tgt Ion: 83 Resp: 134426

Ion Ratio Lower Upper

83 100

55 79.8 60.0 90.0

98 47.8 38.3 57.5



#40

Benzene

Concen: 97.999 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY013233.D

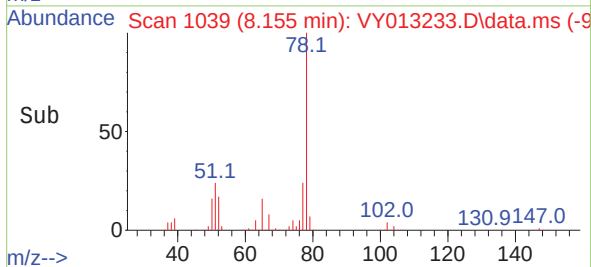
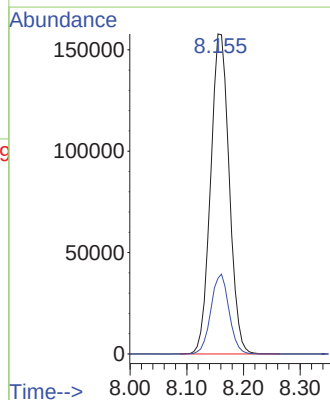
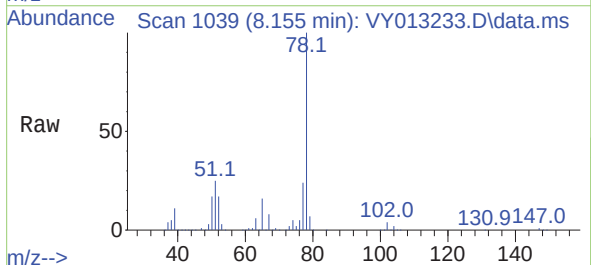
Acq: 10 Apr 2023 18:08

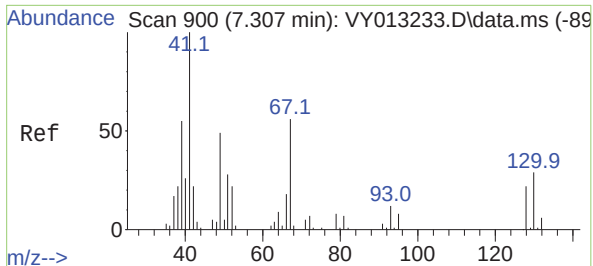
Tgt Ion: 78 Resp: 359541

Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0





#41

Methacrylonitrile

Concen: 244.843 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.037 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 147192

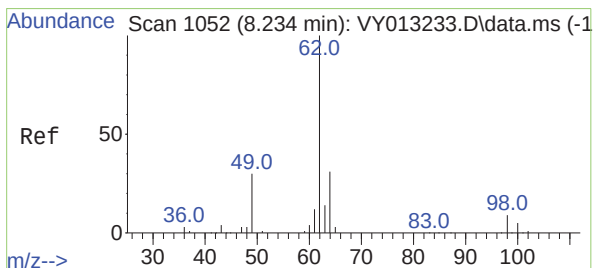
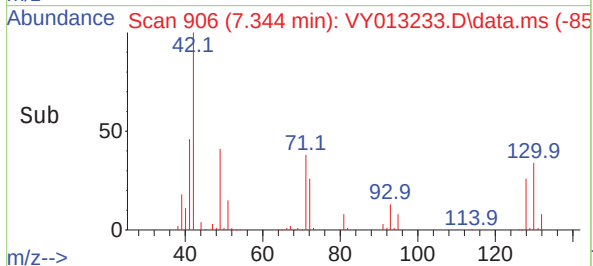
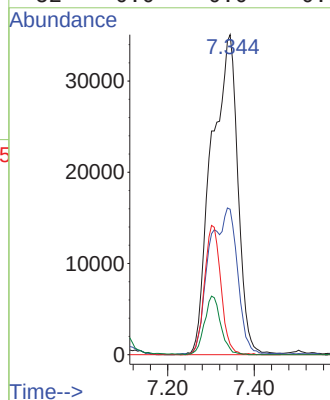
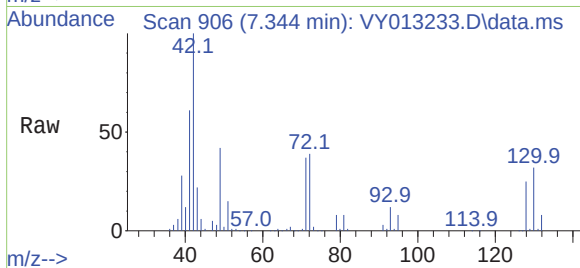
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0



#42

1,2-Dichloroethane

Concen: 95.708 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VY013233.D

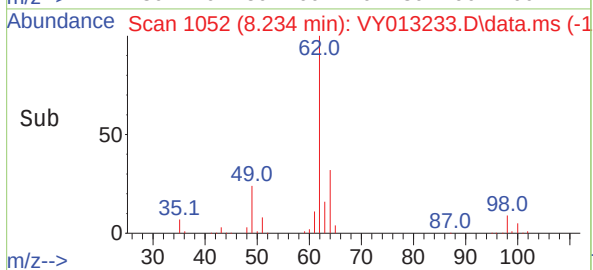
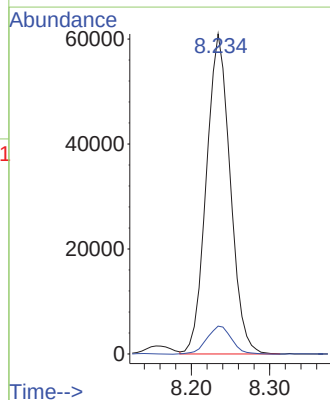
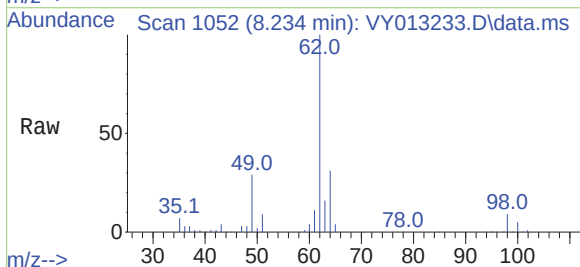
Acq: 10 Apr 2023 18:08

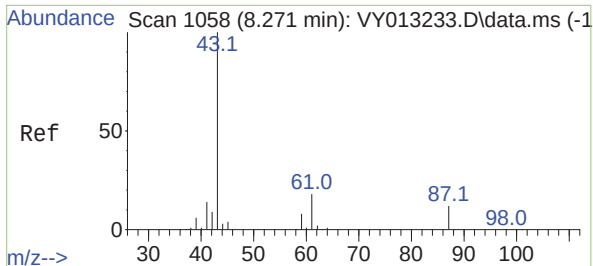
Tgt Ion: 62 Resp: 128996

Ion Ratio Lower Upper

62 100

98 8.9 0.0 18.8





#43

Isopropyl Acetate

Concen: 96.757 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

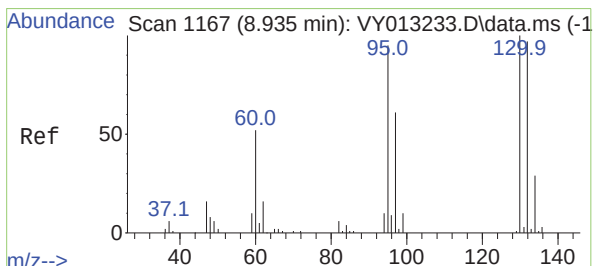
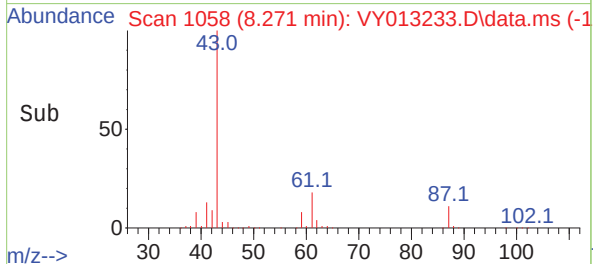
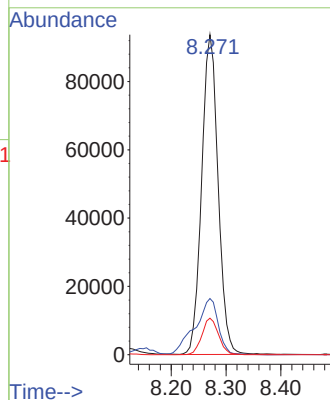
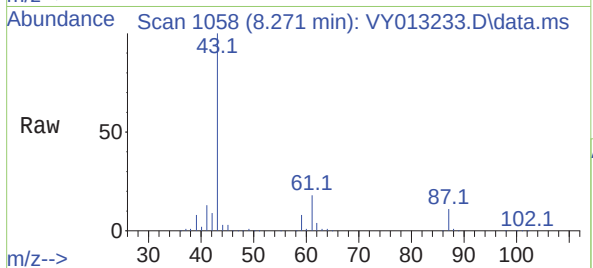
Tgt Ion: 43 Resp: 194855

Ion Ratio Lower Upper

43 100

61 24.8 21.6 32.4

87 11.5 9.9 14.9



#44

Trichloroethene

Concen: 98.829 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013233.D

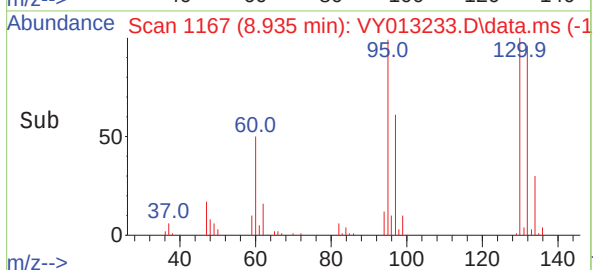
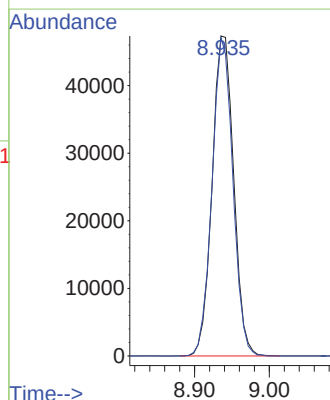
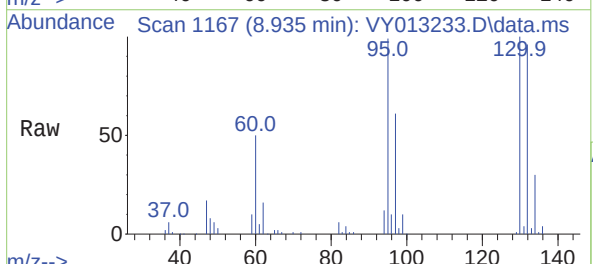
Acq: 10 Apr 2023 18:08

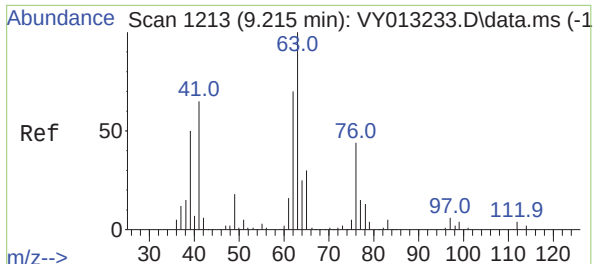
Tgt Ion:130 Resp: 94635

Ion Ratio Lower Upper

130 100

95 99.4 0.0 185.0





#45

1,2-Dichloropropane

Concen: 99.688 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

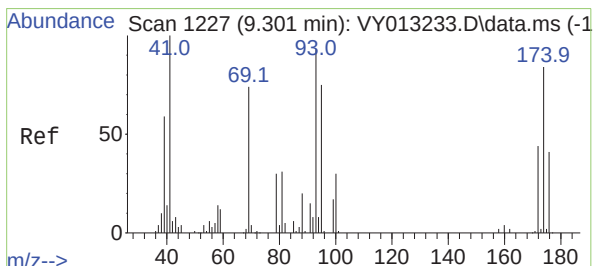
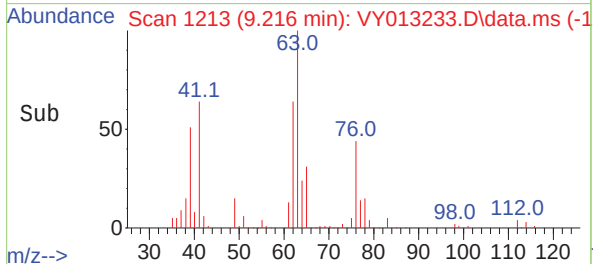
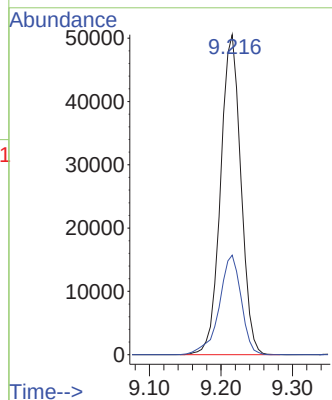
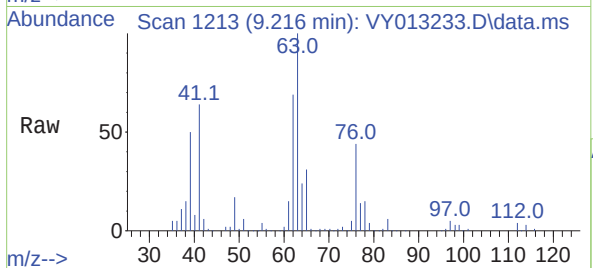
VSTDICC100

Tgt Ion: 63 Resp: 99599

Ion Ratio Lower Upper

63 100

65 31.1 25.7 38.5



#46

Dibromomethane

Concen: 96.791 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

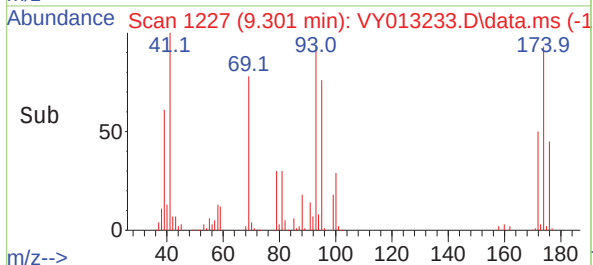
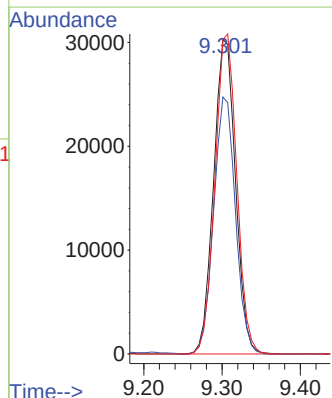
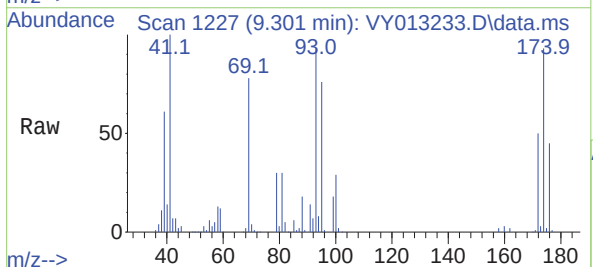
Tgt Ion: 93 Resp: 58860

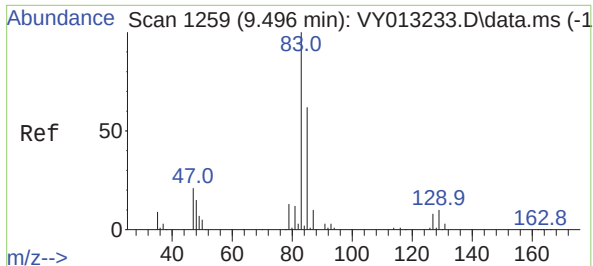
Ion Ratio Lower Upper

93 100

95 81.4 65.6 98.4

174 101.2 81.3 121.9

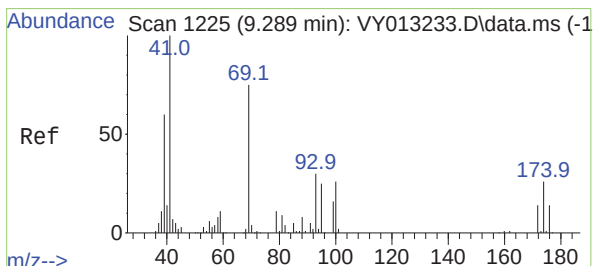
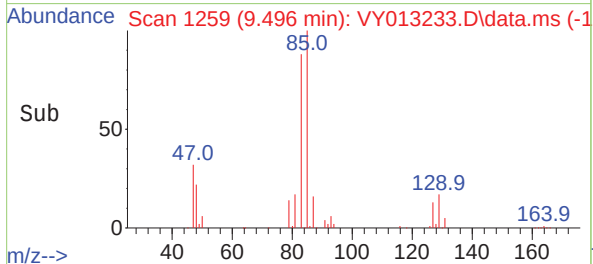
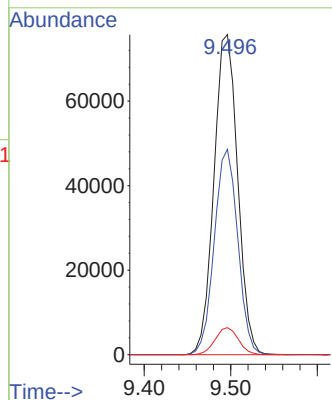
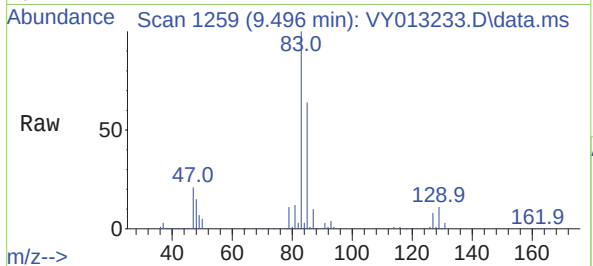




#47
Bromodichloromethane
Concen: 98.184 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

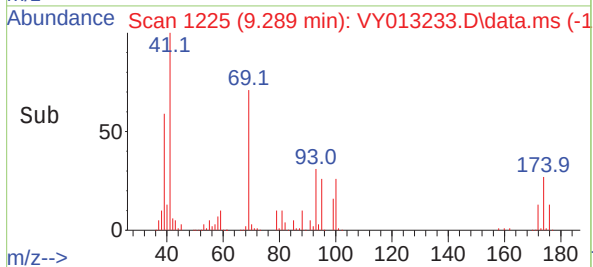
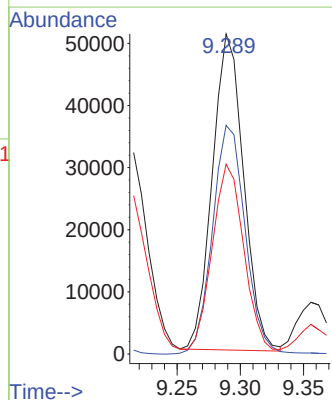
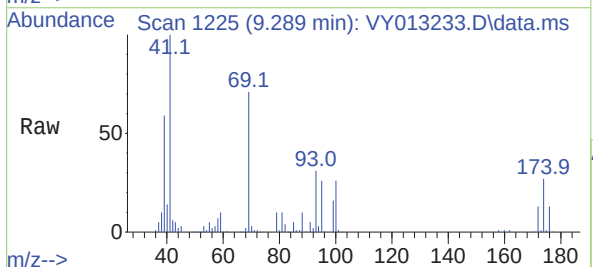
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

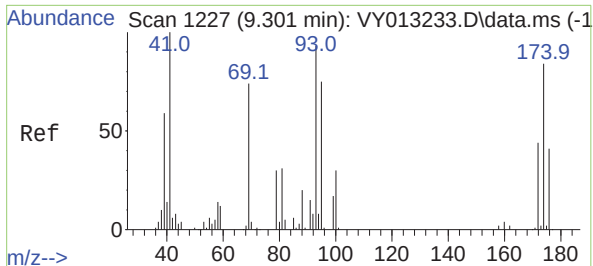
Tgt Ion: 83 Resp: 144172
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 98.773 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 41 Resp: 87347
Ion Ratio Lower Upper
41 100
69 76.0 64.1 96.1
39 61.8 44.0 66.0





#49

1,4-Dioxane

Concen: 1987.245 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

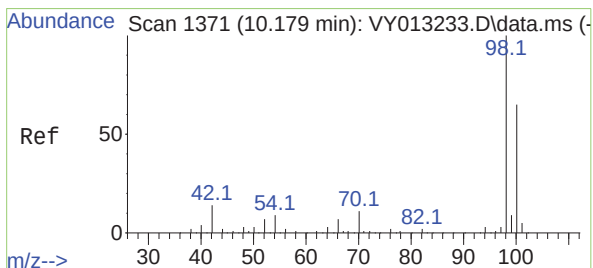
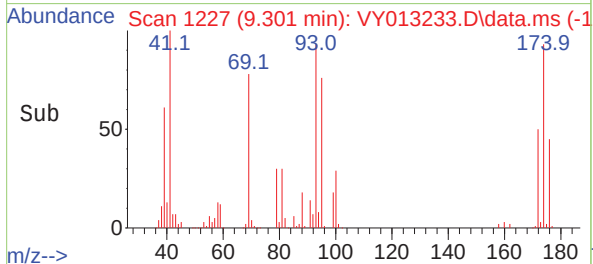
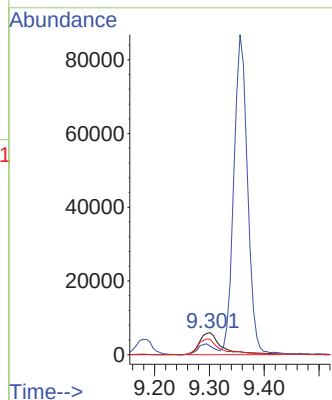
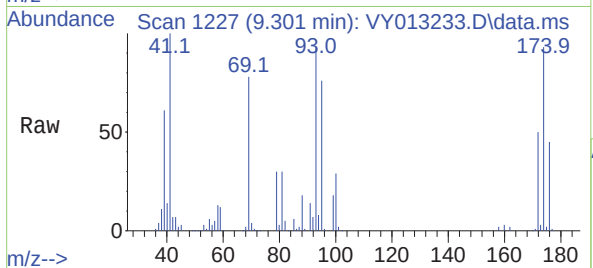
Tgt Ion: 88 Resp: 17190

Ion Ratio Lower Upper

88 100

43 35.8 28.6 42.8

58 72.4 55.2 82.8



#50

Toluene-d8

Concen: 102.383 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013233.D

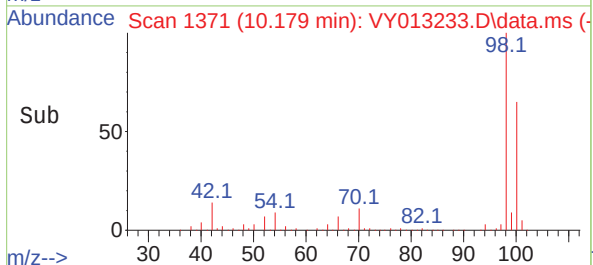
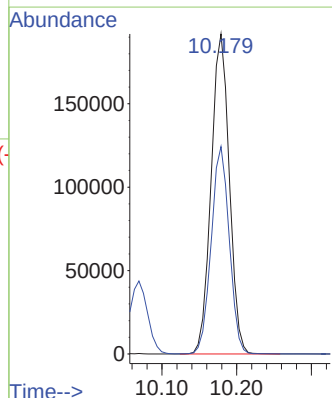
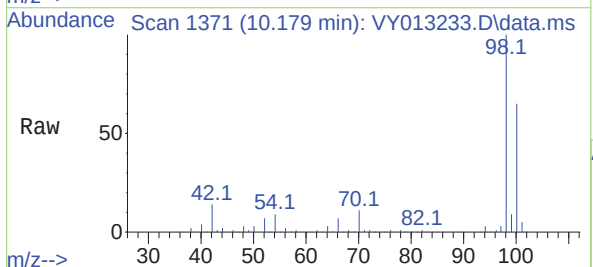
Acq: 10 Apr 2023 18:08

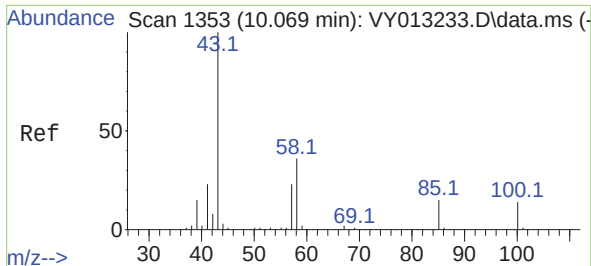
Tgt Ion: 98 Resp: 324606

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 477.668 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

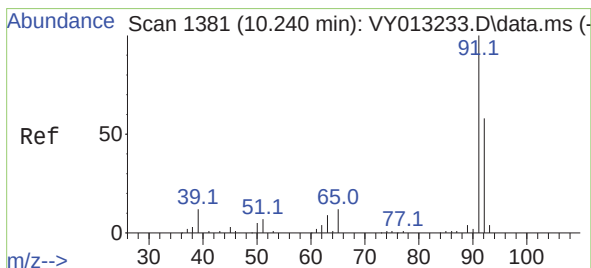
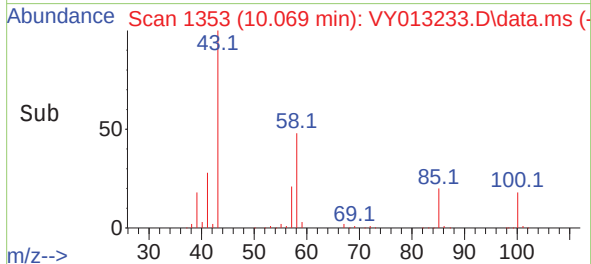
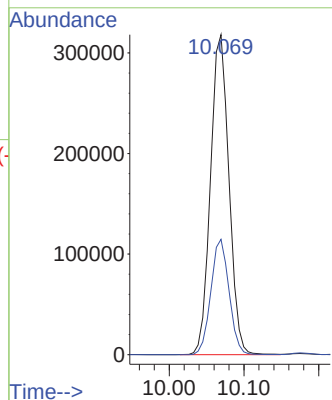
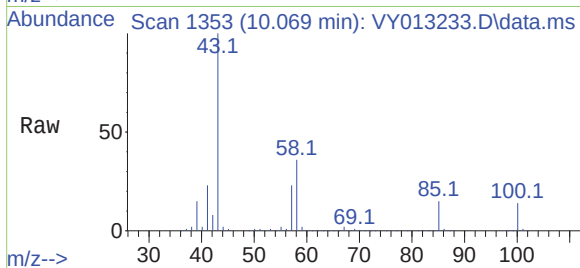
VSTDICC100

Tgt Ion: 43 Resp: 545504

Ion Ratio Lower Upper

43 100

58 35.6 29.8 44.6



#52

Toluene

Concen: 100.100 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013233.D

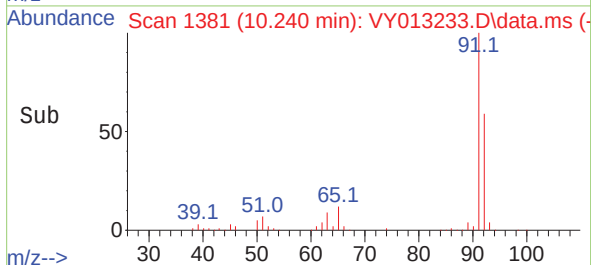
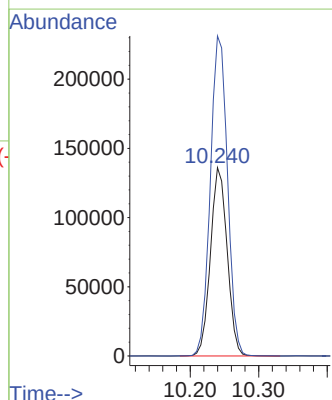
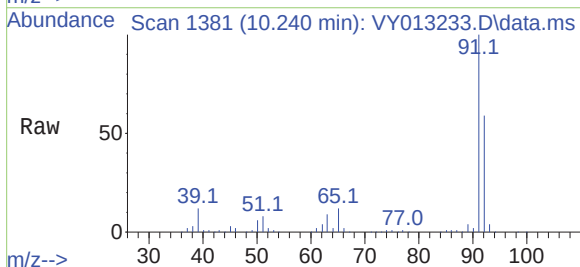
Acq: 10 Apr 2023 18:08

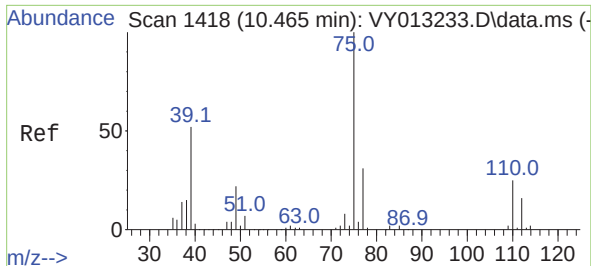
Tgt Ion: 92 Resp: 230281

Ion Ratio Lower Upper

92 100

91 174.3 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 102.272 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

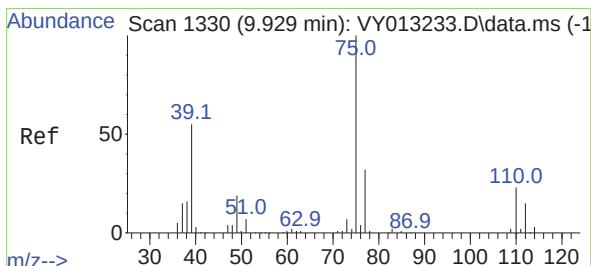
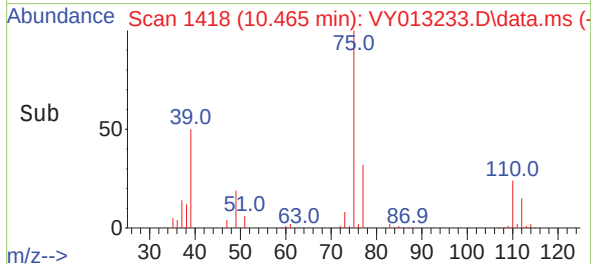
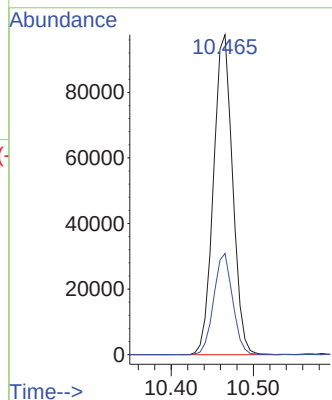
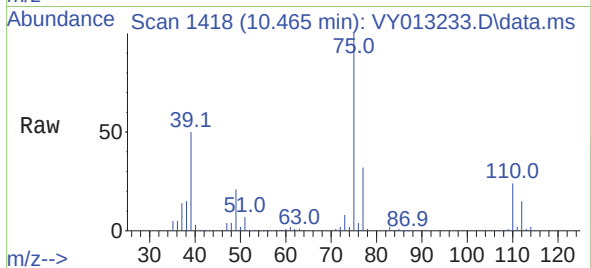
VSTDICC100

Tgt Ion: 75 Resp: 157359

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 100.303 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

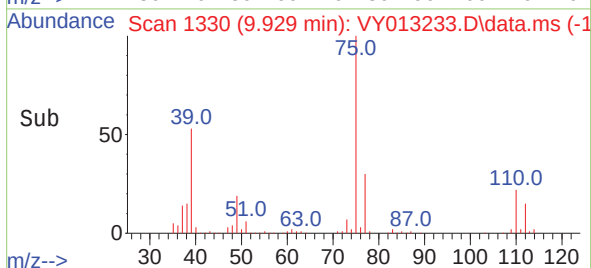
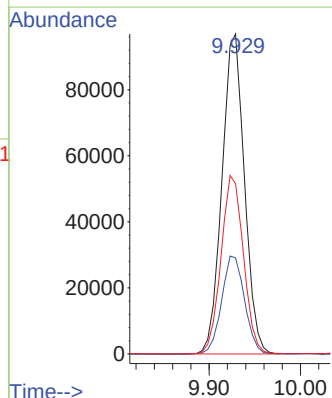
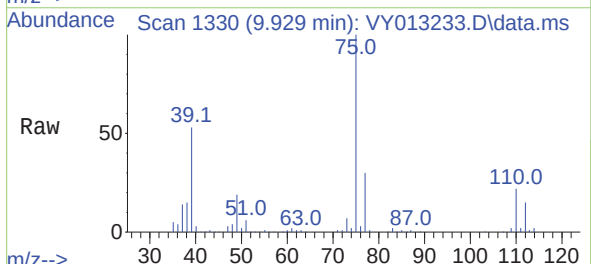
Tgt Ion: 75 Resp: 165505

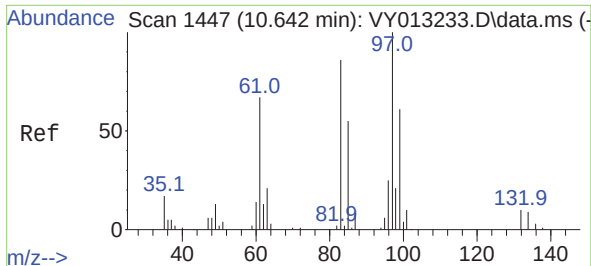
Ion Ratio Lower Upper

75 100

77 30.0 25.4 38.0

39 53.2 39.0 58.4



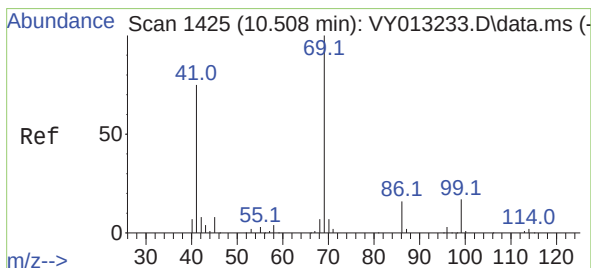
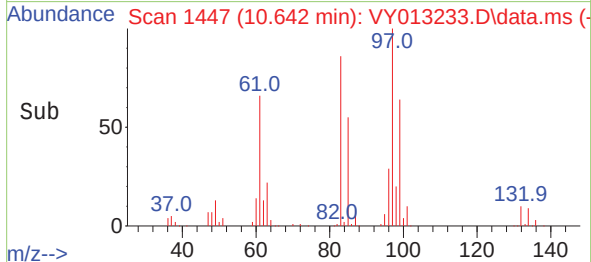
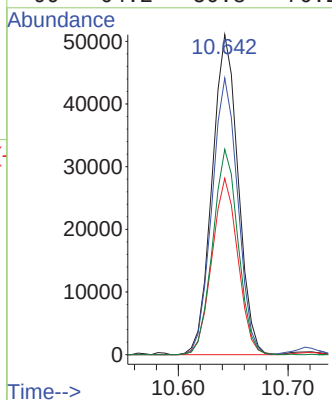
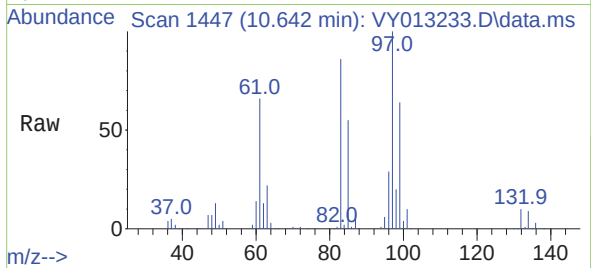


#55
1,1,2-Trichloroethane
Concen: 97.889 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 84191

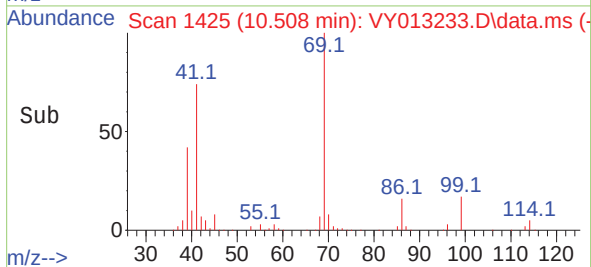
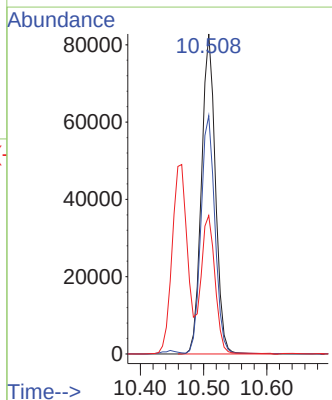
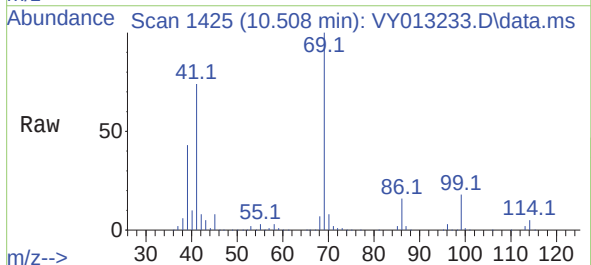
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.6
85	55.1	44.9	67.3
99	64.2	50.8	76.2

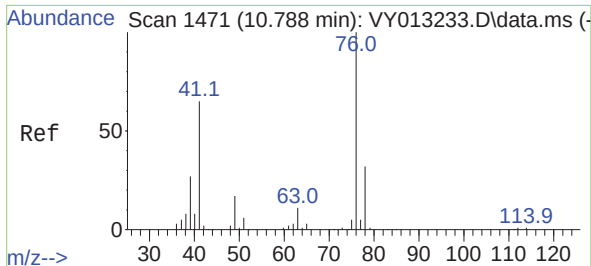


#56
Ethyl methacrylate
Concen: 105.512 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 69 Resp: 126793

Ion	Ratio	Lower	Upper
69	100		
41	74.8	56.4	84.6
39	43.3	30.8	46.2

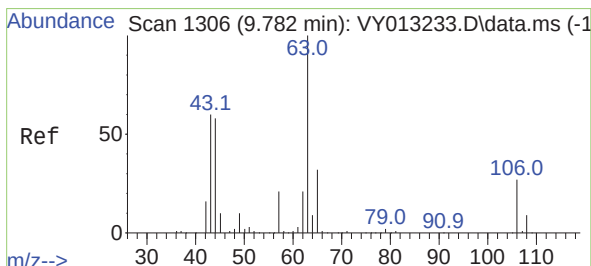
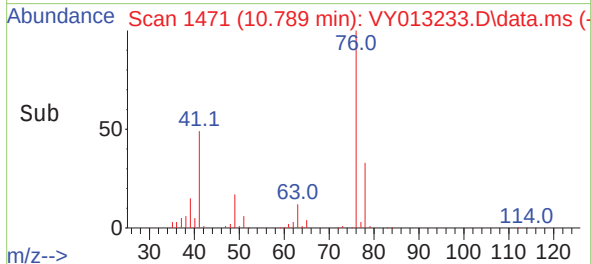
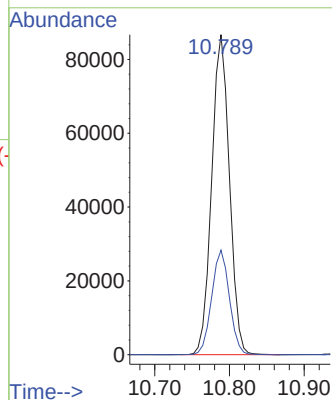
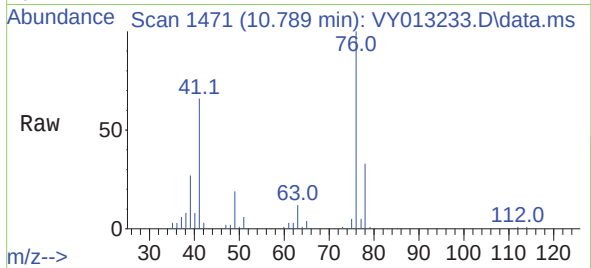




#57
1,3-Dichloropropane
Concen: 98.348 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

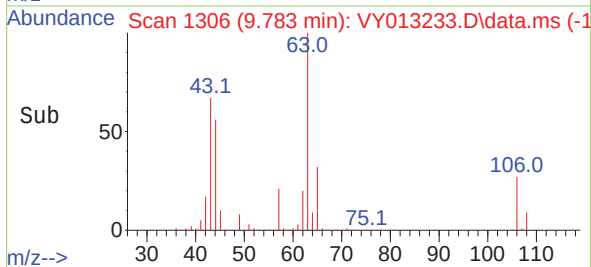
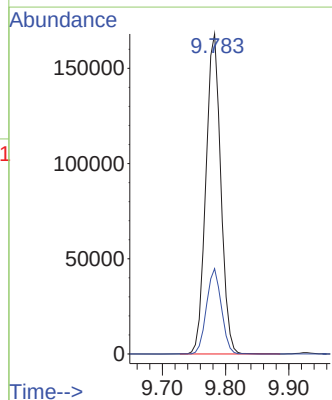
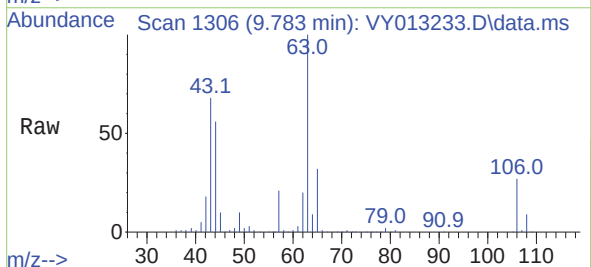
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

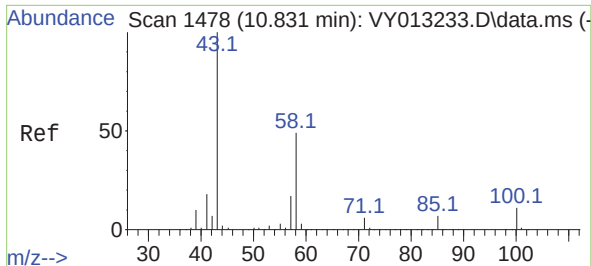
Tgt Ion: 76 Resp: 142668
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 505.669 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 63 Resp: 275606
Ion Ratio Lower Upper
63 100
106 26.6 22.1 33.1





#59

2-Hexanone

Concen: 482.254 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

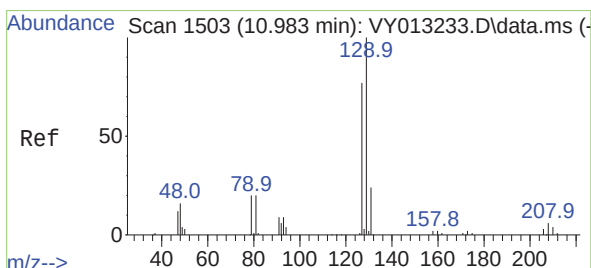
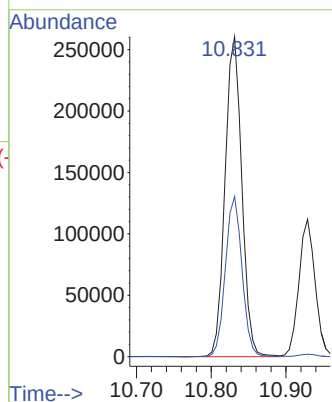
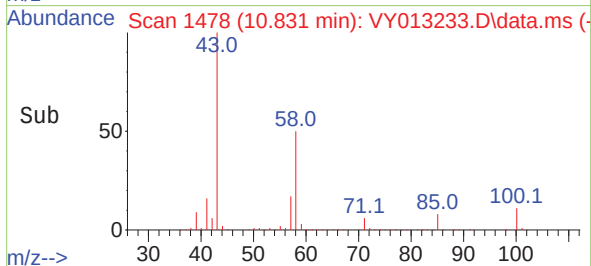
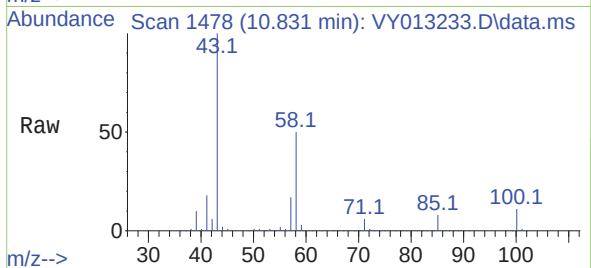
VSTDIC100

Tgt Ion: 43 Resp: 406153

Ion Ratio Lower Upper

43 100

58 49.7 25.9 77.8



#60

Dibromochloromethane

Concen: 100.203 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.001 min

Lab File: VY013233.D

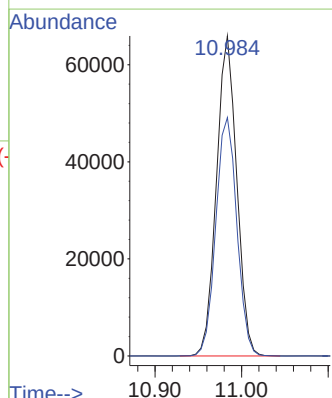
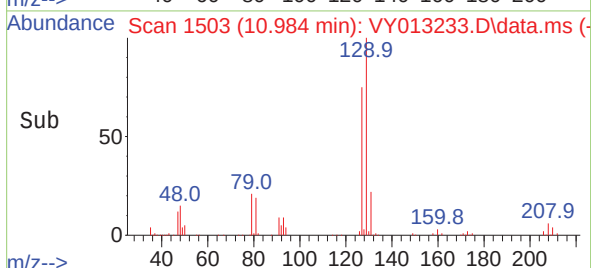
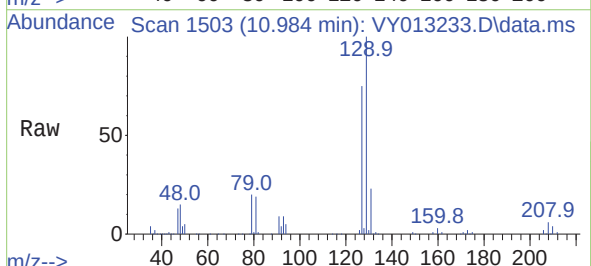
Acq: 10 Apr 2023 18:08

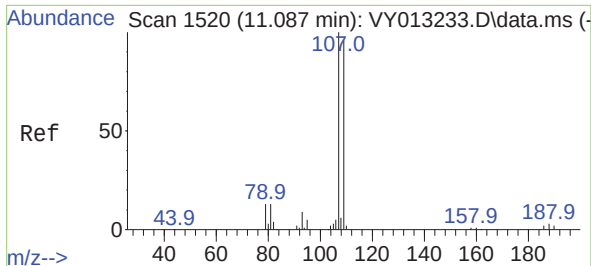
Tgt Ion:129 Resp: 107240

Ion Ratio Lower Upper

129 100

127 77.2 38.7 116.1

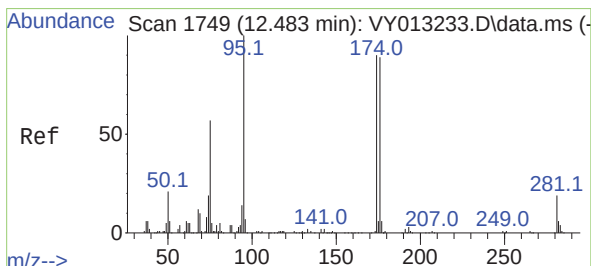
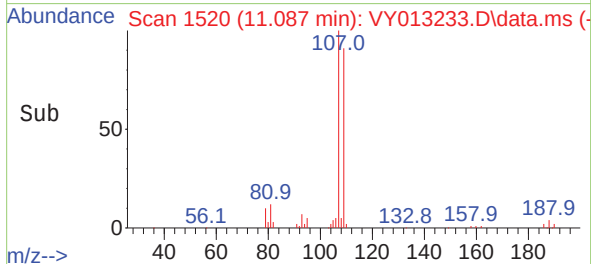
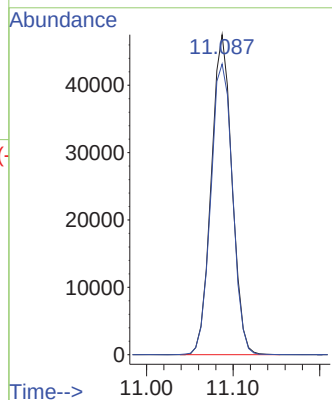
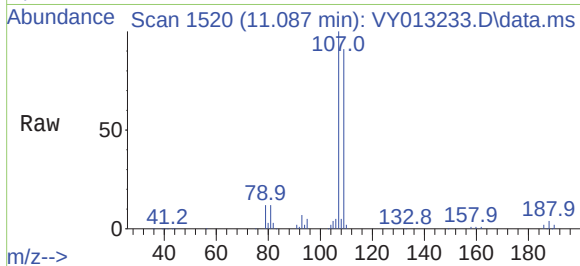




#61
1,2-Dibromoethane
Concen: 96.166 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

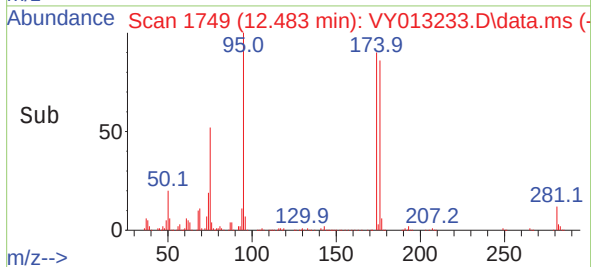
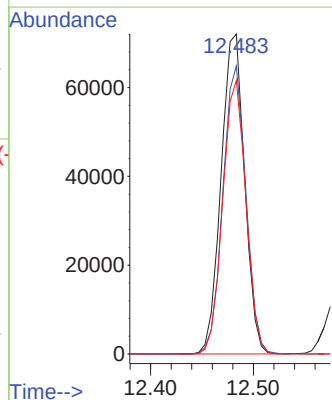
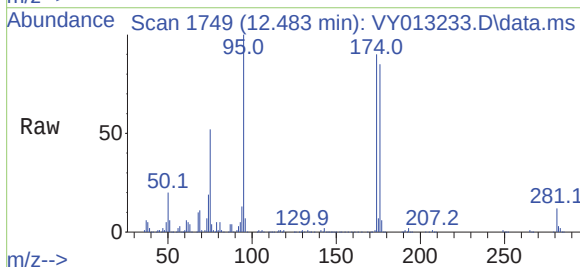
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

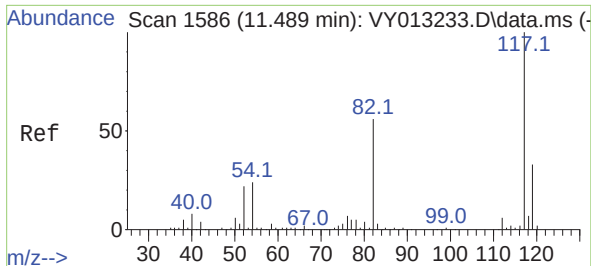
Tgt Ion:107 Resp: 78951
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 100.958 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 95 Resp: 114302
Ion Ratio Lower Upper
95 100
174 88.3 0.0 176.6
176 84.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

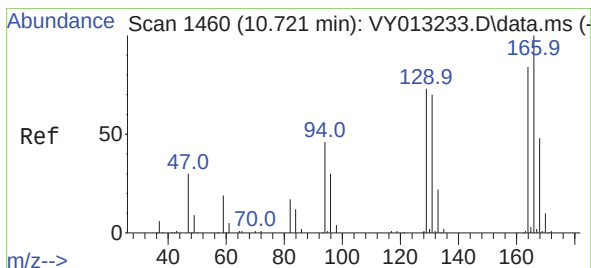
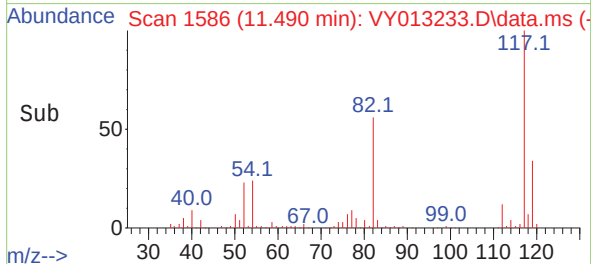
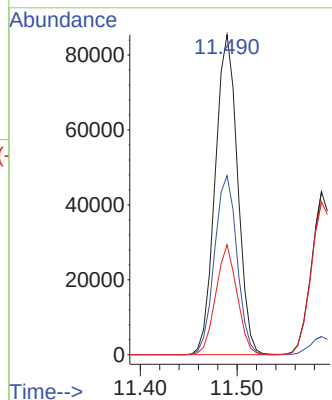
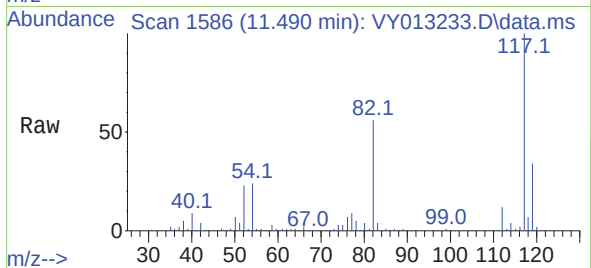
Tgt Ion:117 Resp: 137594

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 34.4 25.6 38.4



#64

Tetrachloroethene

Concen: 94.859 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Tgt Ion:164 Resp: 80585

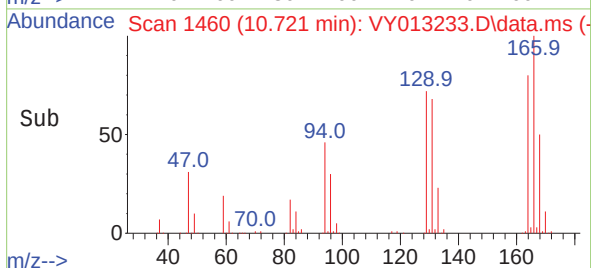
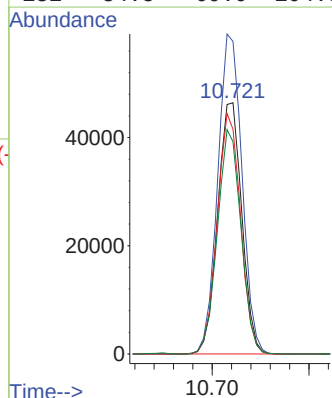
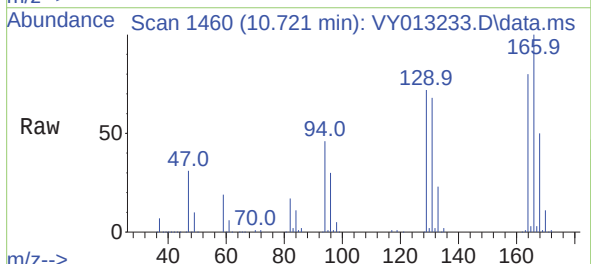
Ion Ratio Lower Upper

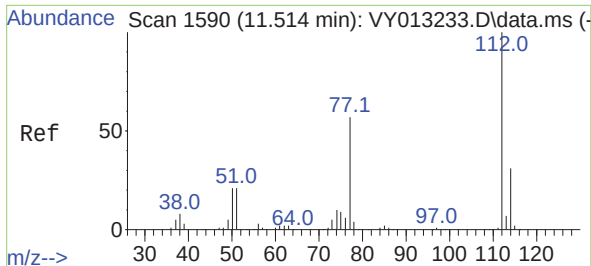
164 100

166 124.4 103.4 155.2

129 89.4 71.4 107.2

131 84.5 69.9 104.9





#65

Chlorobenzene

Concen: 98.372 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

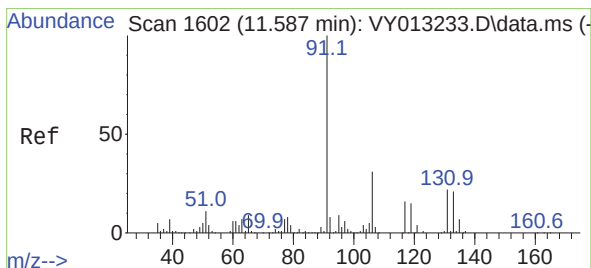
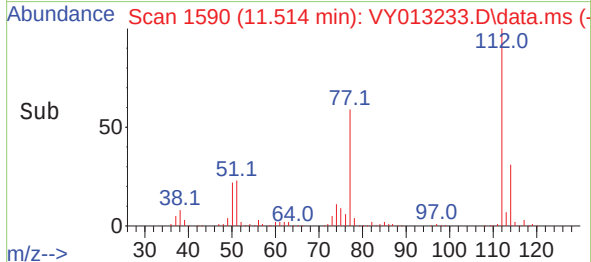
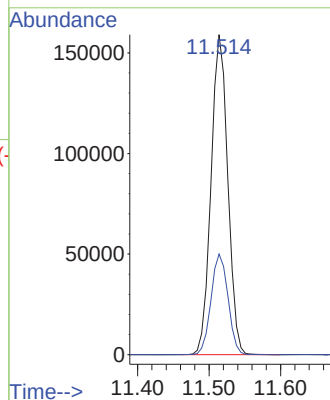
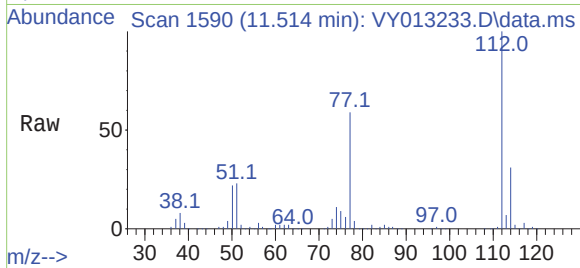
VSTDIC100

Tgt Ion:112 Resp: 257951

Ion Ratio Lower Upper

112 100

114 31.5 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 99.067 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

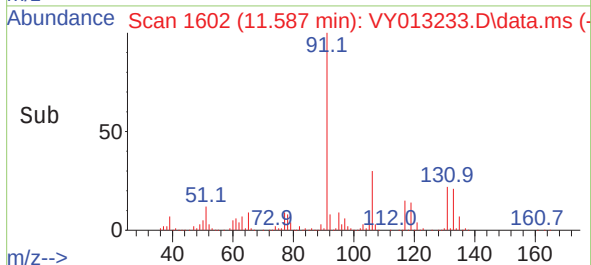
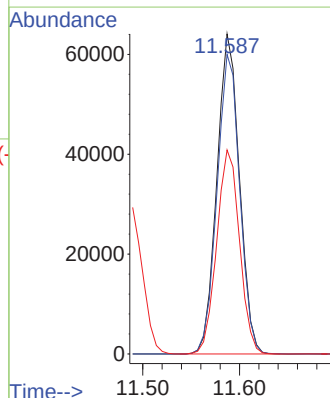
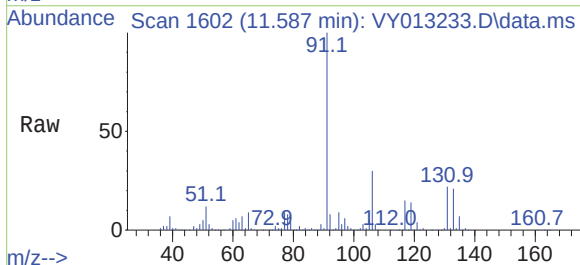
Tgt Ion:131 Resp: 103317

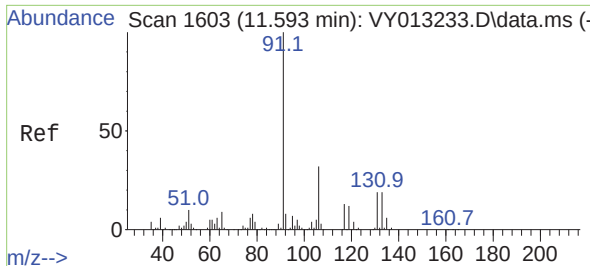
Ion Ratio Lower Upper

131 100

133 94.3 48.0 144.0

119 64.7 32.6 98.0





#67

Ethyl Benzene

Concen: 102.057 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

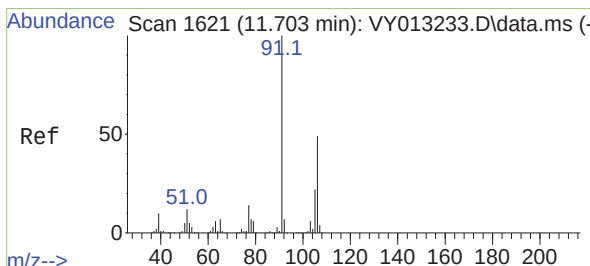
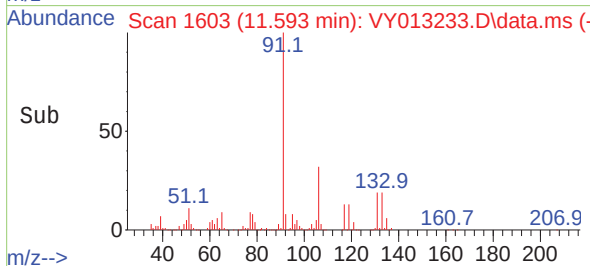
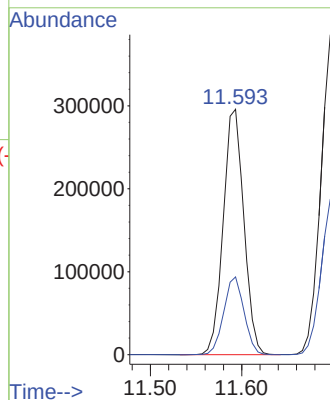
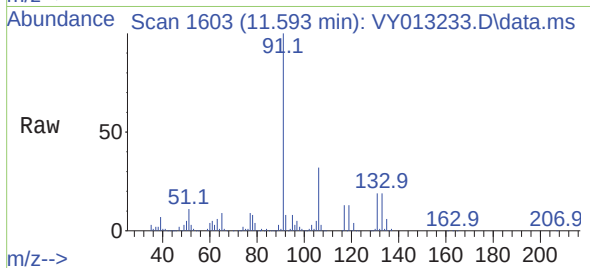
VSTDIC100

Tgt Ion: 91 Resp: 464513

Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7



#68

m/p-Xylenes

Concen: 202.961 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013233.D

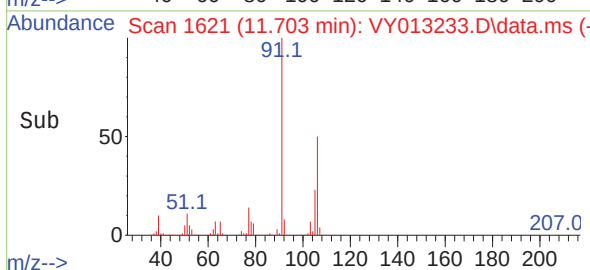
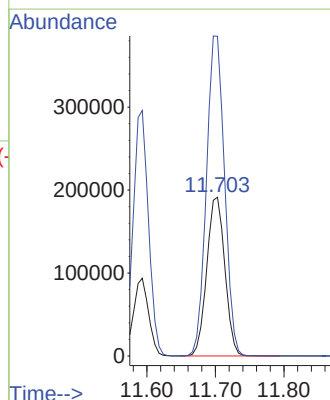
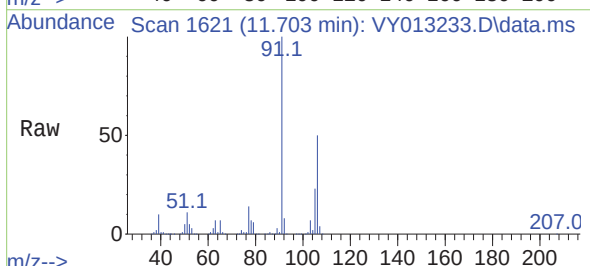
Acq: 10 Apr 2023 18:08

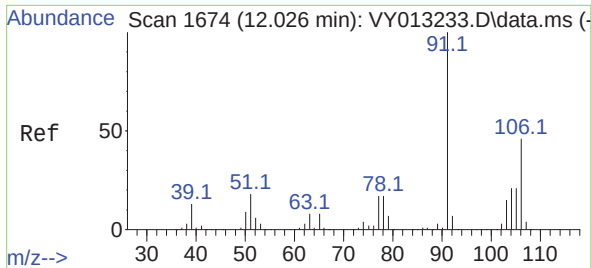
Tgt Ion:106 Resp: 351505

Ion Ratio Lower Upper

106 100

91 202.1 159.8 239.8

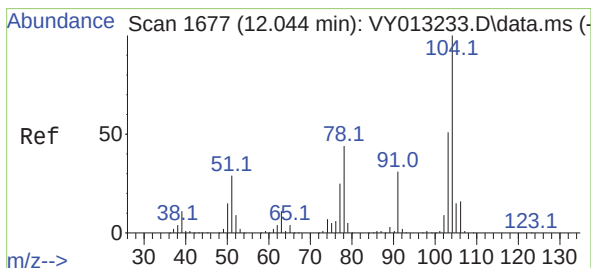
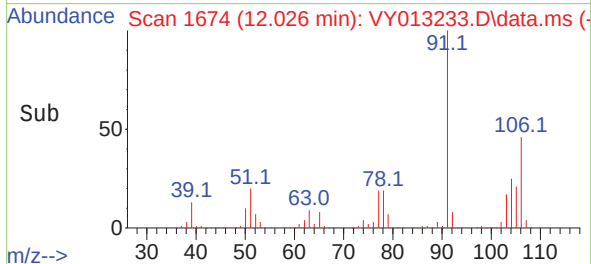
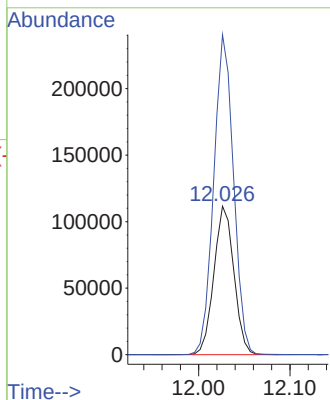
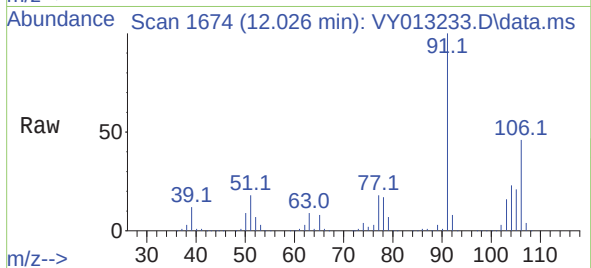




#69
o-Xylene
Concen: 103.109 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

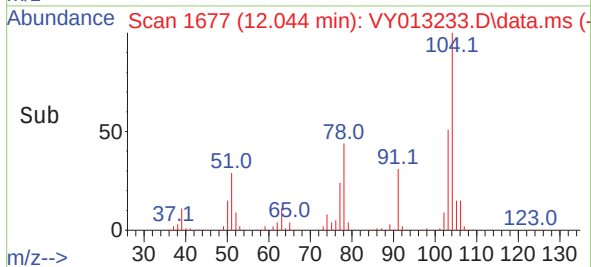
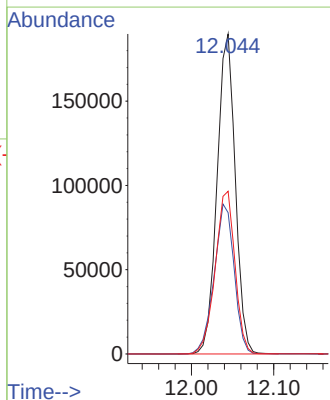
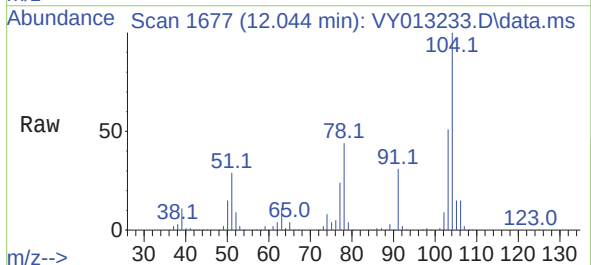
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

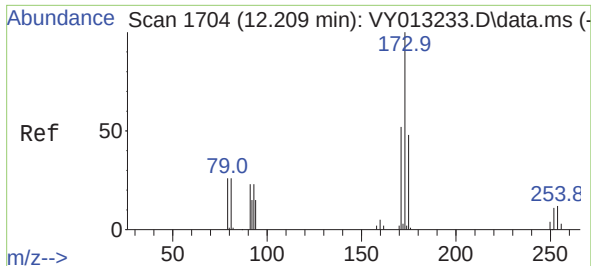
Tgt Ion:106 Resp: 169736
Ion Ratio Lower Upper
106 100
91 213.5 107.2 321.6



#70
Styrene
Concen: 104.220 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion:104 Resp: 292579
Ion Ratio Lower Upper
104 100
78 51.4 39.2 58.8
103 55.2 43.7 65.5

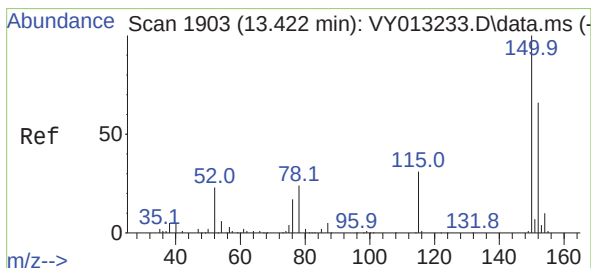
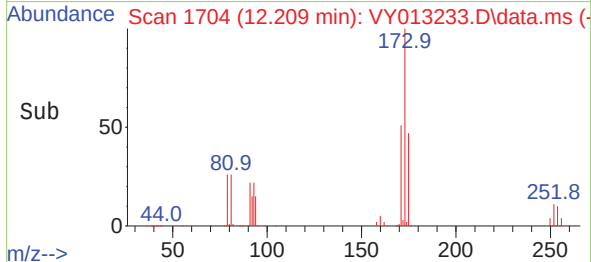
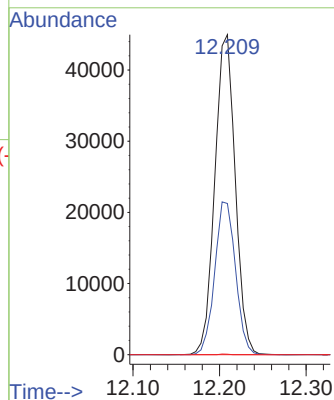
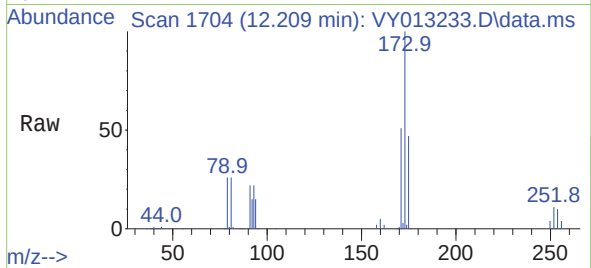




#71
Bromoform
Concen: 98.388 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

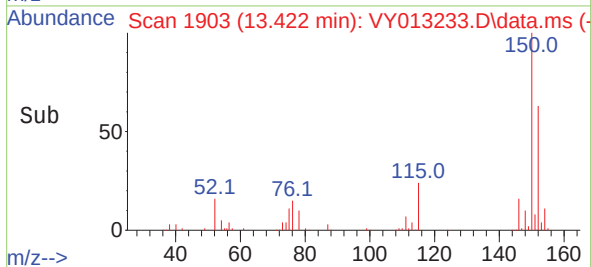
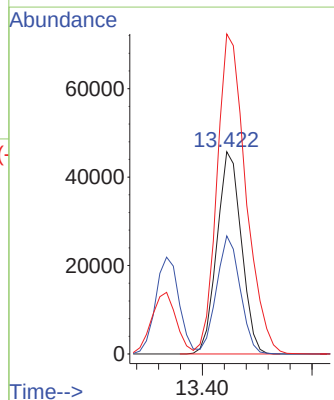
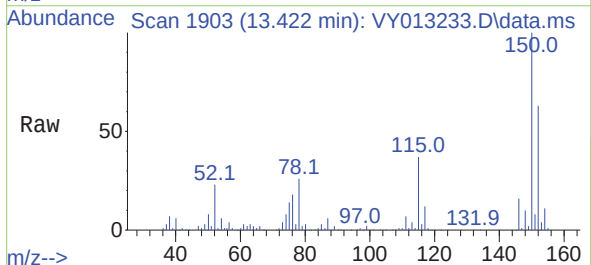
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

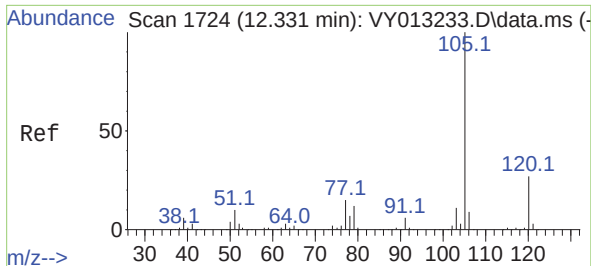
Tgt Ion:173 Resp: 73634
Ion Ratio Lower Upper
173 100
175 48.6 25.0 75.0
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion:152 Resp: 70791
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 186.5 0.0 347.8

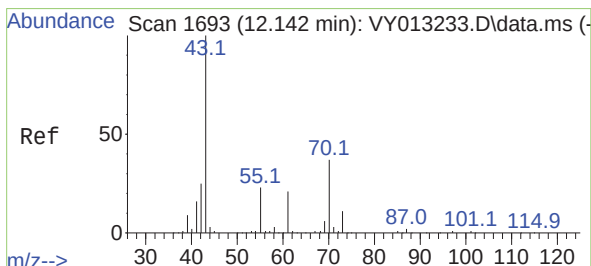
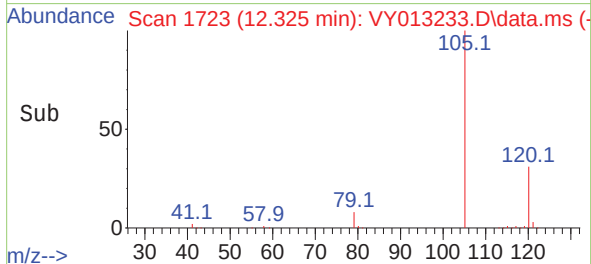
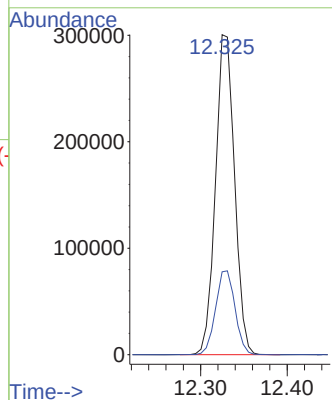
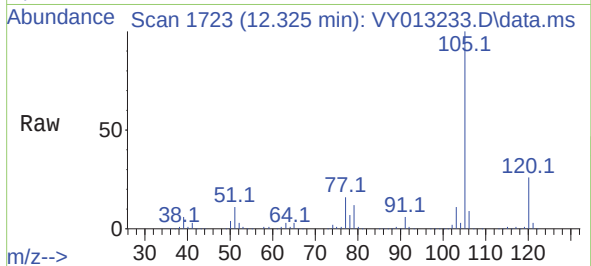




#73
Isopropylbenzene
Concen: 103.439 ug/l
RT: 12.325 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

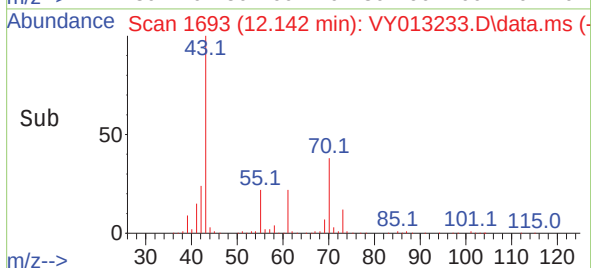
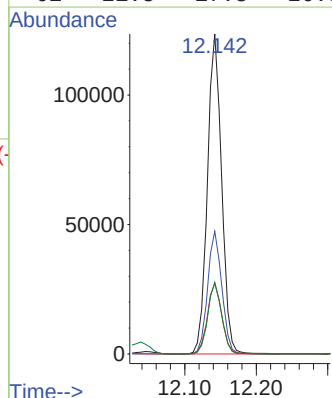
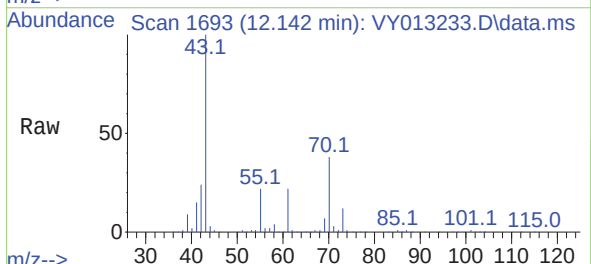
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

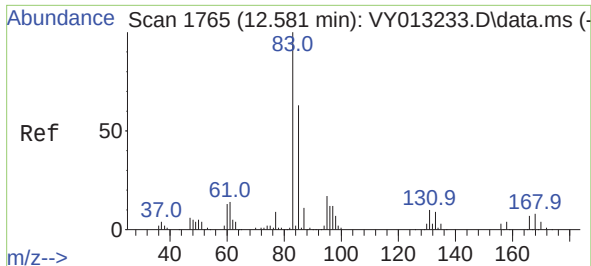
Tgt Ion:105 Resp: 459647
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.2



#74
N-aryl acetate
Concen: 100.582 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 43 Resp: 170963
Ion Ratio Lower Upper
43 100
70 38.3 31.6 47.4
55 22.4 18.8 28.2
61 21.8 17.8 26.8

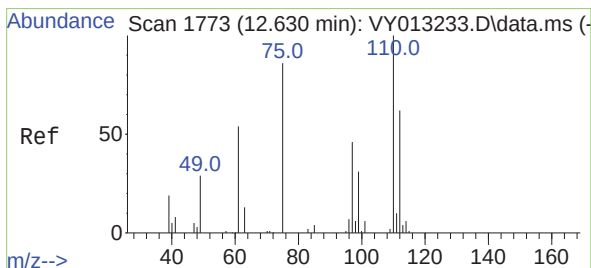
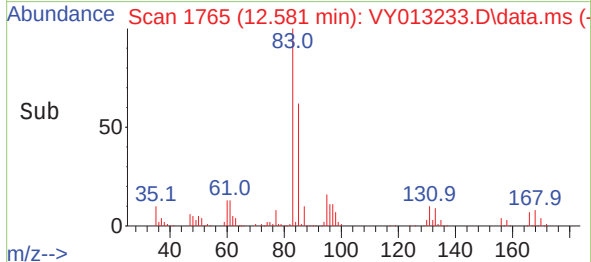
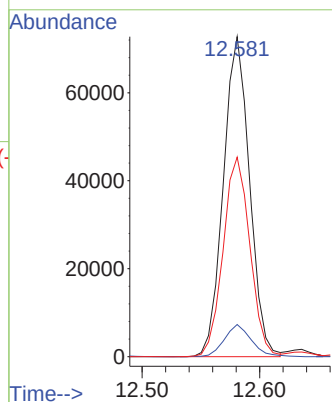
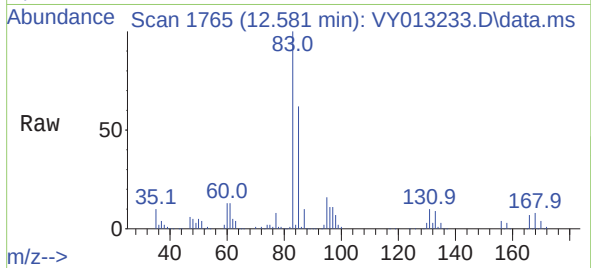




#75
1,1,2,2-Tetrachloroethane
Concen: 94.737 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

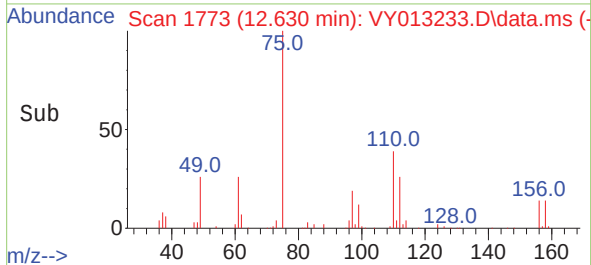
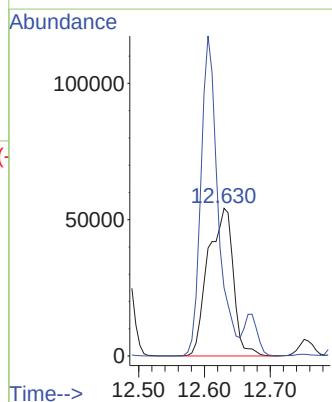
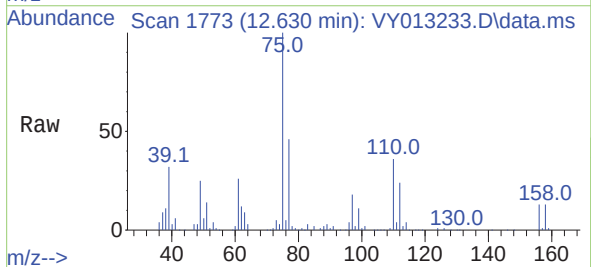
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

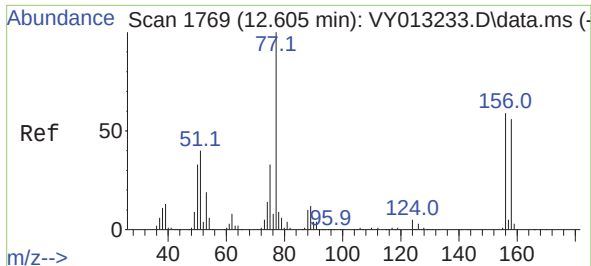
Tgt Ion: 83 Resp: 112531
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.2
85 63.8 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 162.505 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 75 Resp: 145047
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

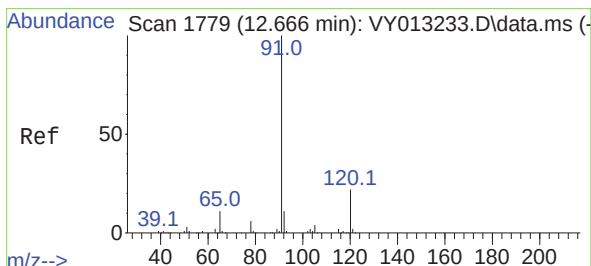
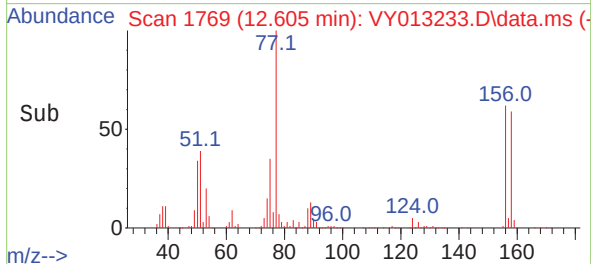
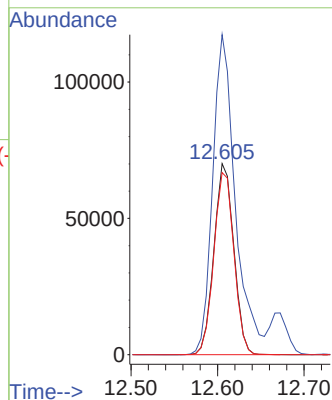
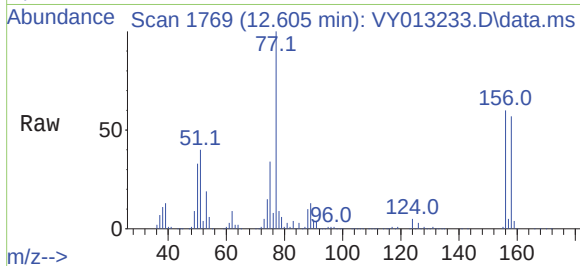




#77
Bromobenzene
Concen: 98.811 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

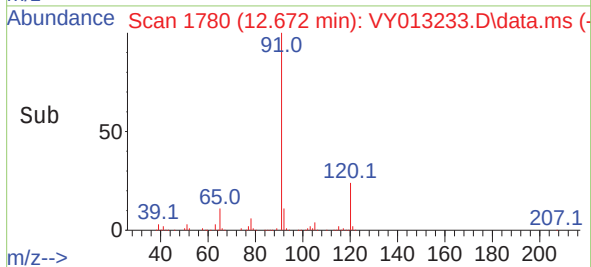
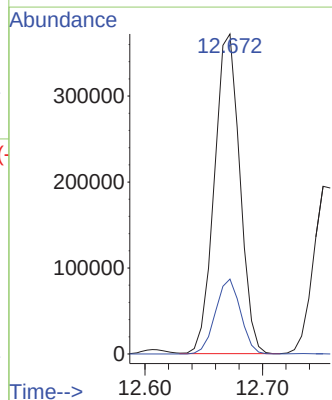
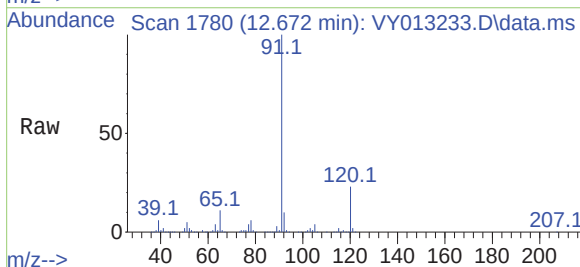
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

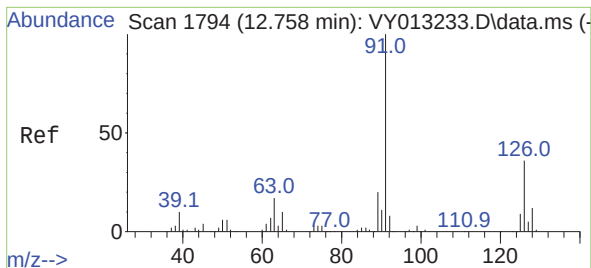
Tgt Ion:156 Resp: 111719
Ion Ratio Lower Upper
156 100
77 191.0 94.0 282.1
158 96.5 48.1 144.4



#78
n-propylbenzene
Concen: 102.356 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 91 Resp: 559877
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 100.762 ug/l

RT: 12.752 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

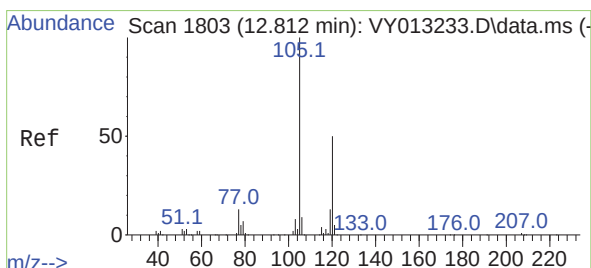
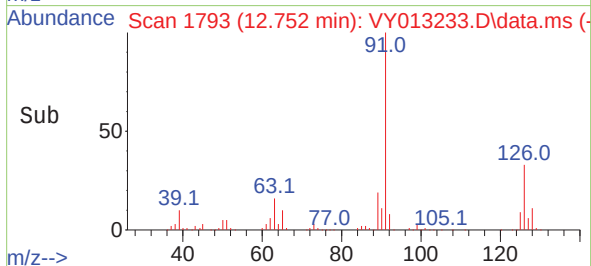
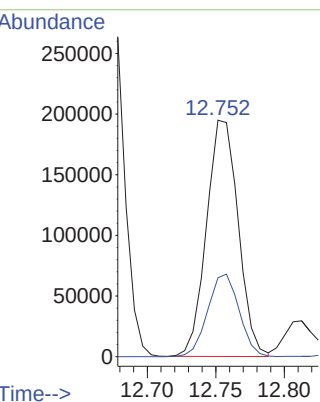
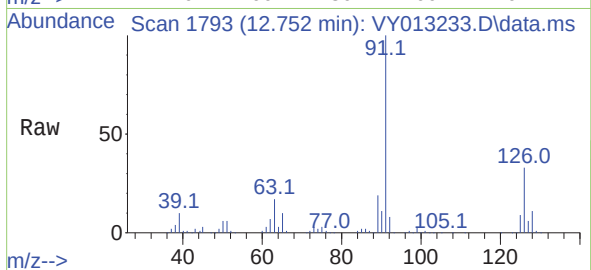
VSTDICC100

Tgt Ion: 91 Resp: 313834

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 102.740 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013233.D

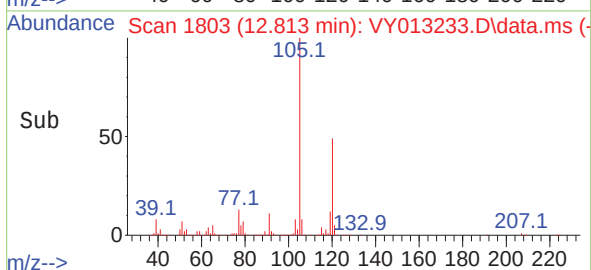
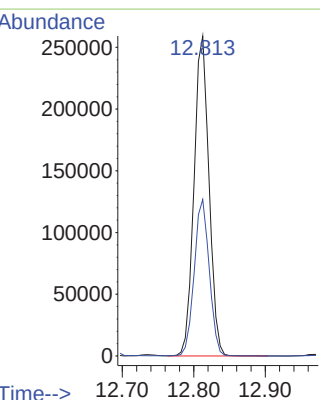
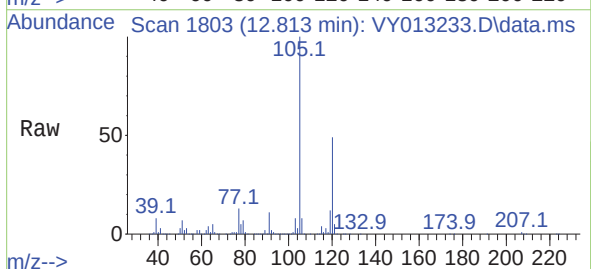
Acq: 10 Apr 2023 18:08

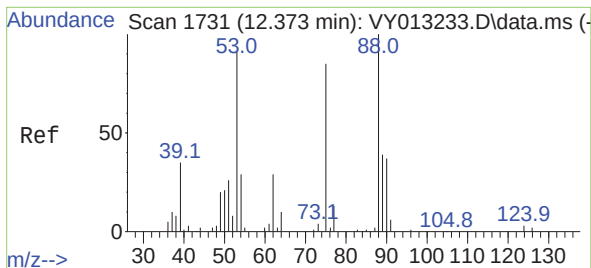
Tgt Ion:105 Resp: 377599

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4

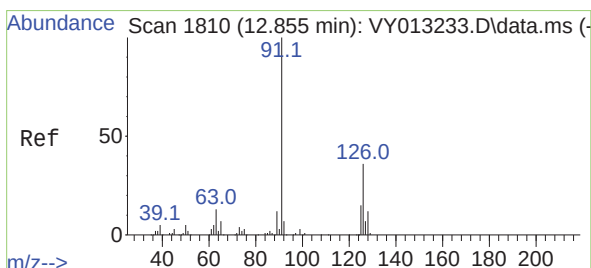
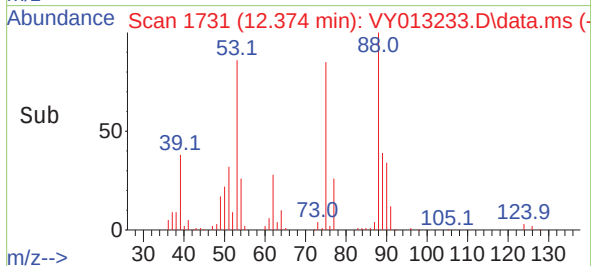
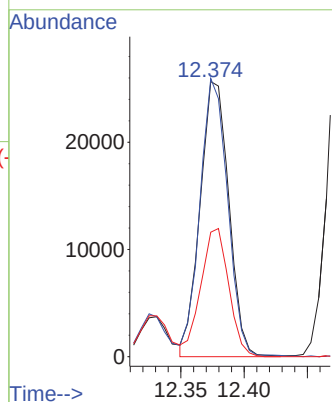
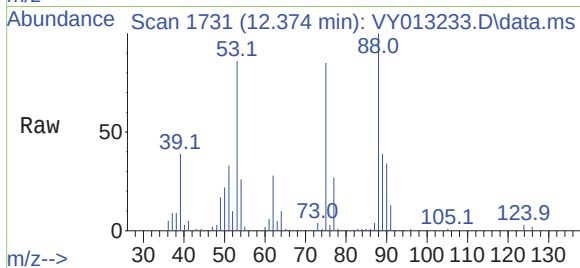




#81
trans-1,4-Dichloro-2-butene
Concen: 97.195 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

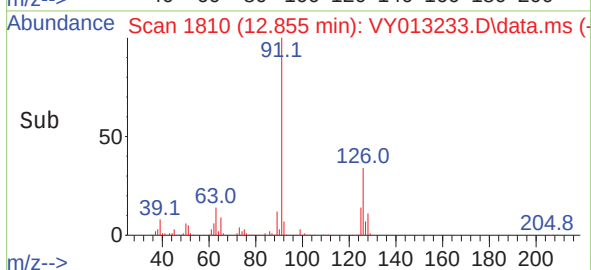
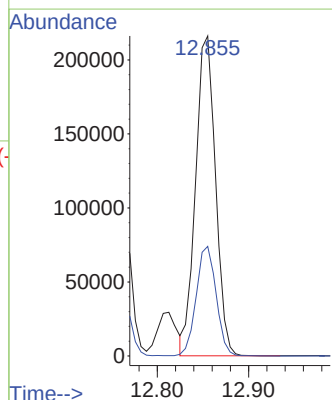
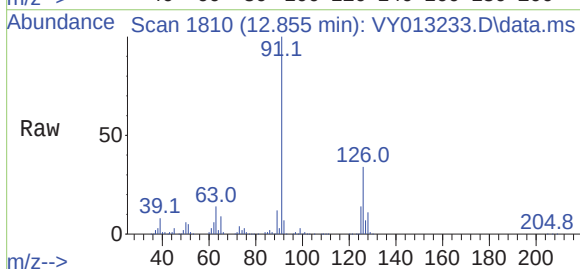
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

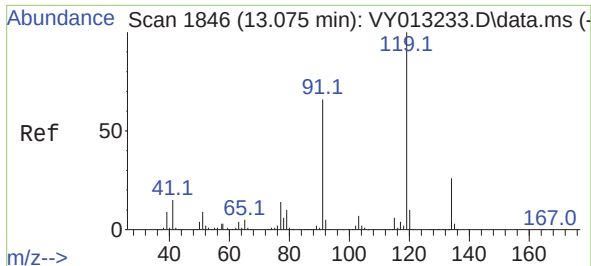
Tgt Ion: 75 Resp: 40610
Ion Ratio Lower Upper
75 100
53 97.4 73.4 110.0
89 45.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 100.796 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion: 91 Resp: 327822
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1

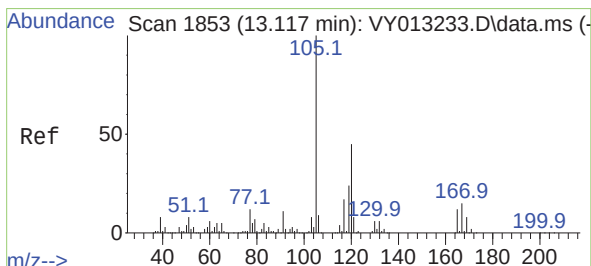
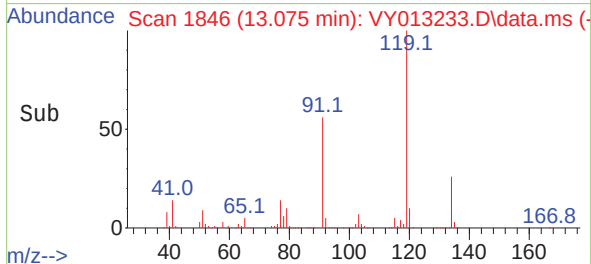
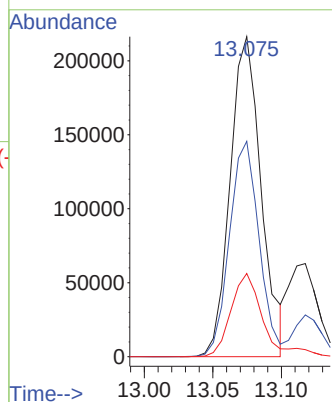
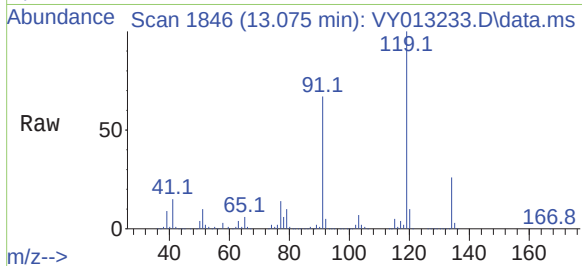




#83
tert-Butylbenzene
Concen: 103.769 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

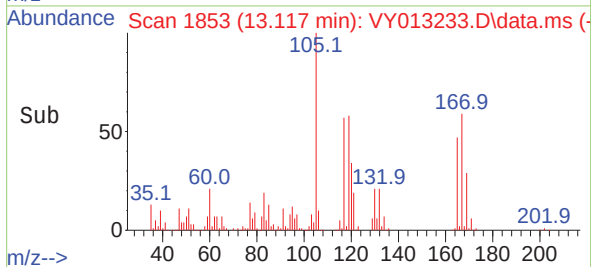
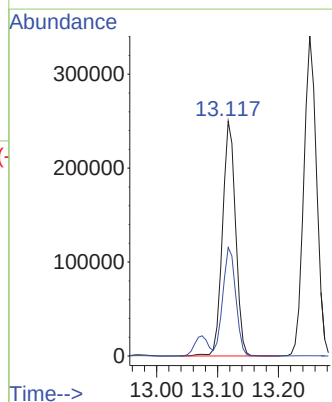
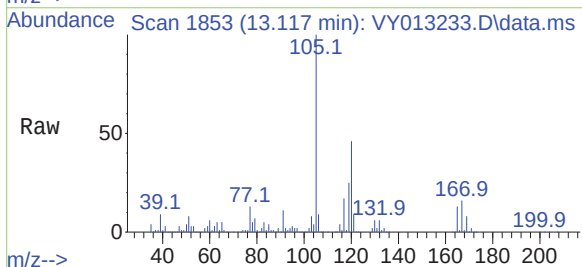
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

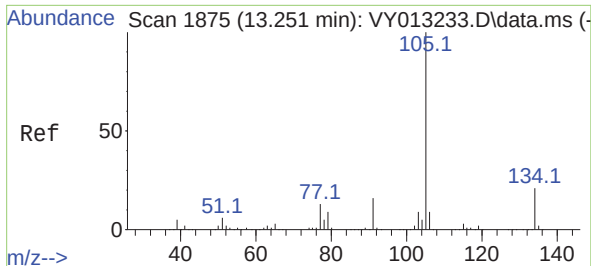
Tgt Ion:119 Resp: 340951
Ion Ratio Lower Upper
119 100
91 64.3 32.8 98.3
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 101.960 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion:105 Resp: 372579
Ion Ratio Lower Upper
105 100
120 45.6 23.0 69.0

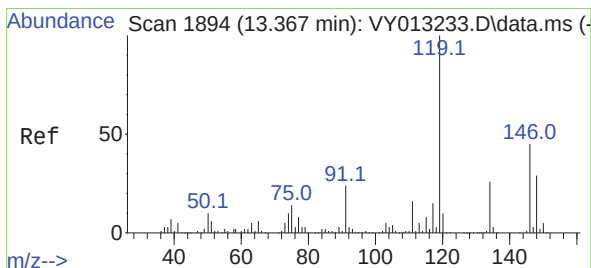
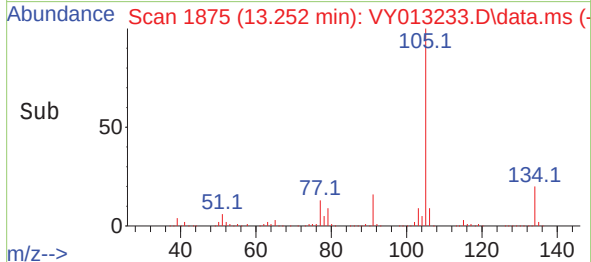
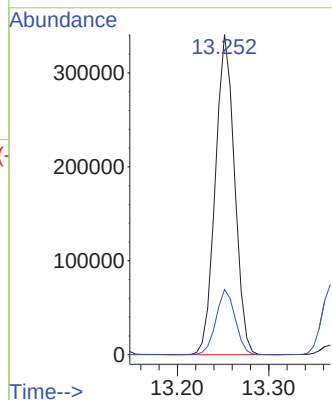
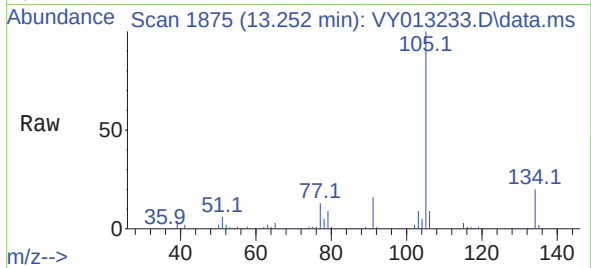




#85
 sec-Butylbenzene
 Concen: 103.060 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. 0.001 min
 Lab File: VY013233.D
 Acq: 10 Apr 2023 18:08

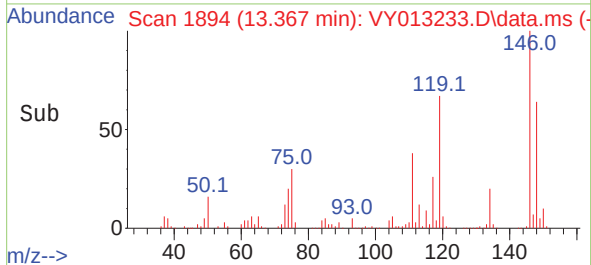
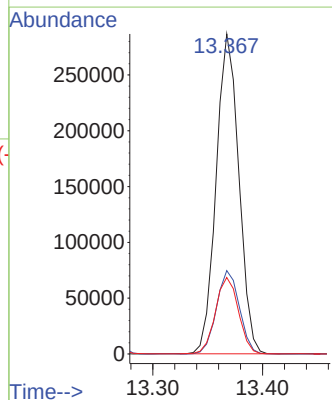
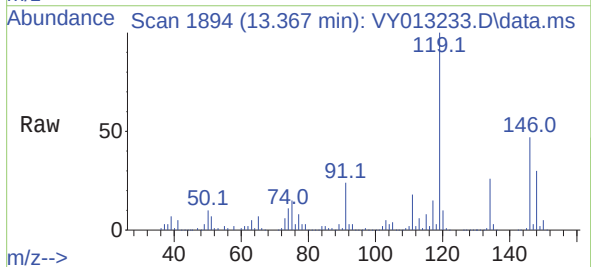
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

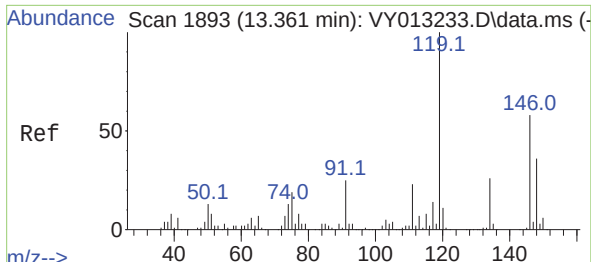
Tgt Ion:105 Resp: 497648
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 101.737 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013233.D
 Acq: 10 Apr 2023 18:08

Tgt Ion:119 Resp: 411788
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 24.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 95.827 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

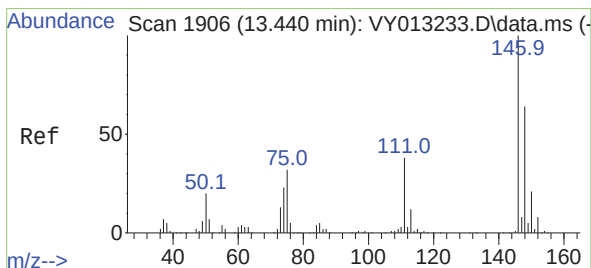
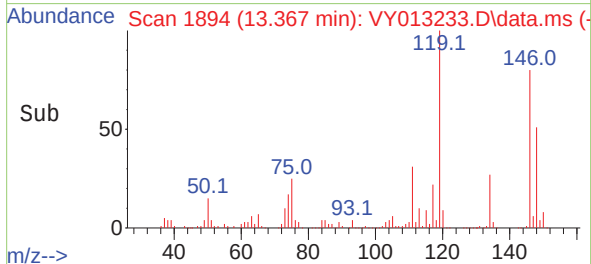
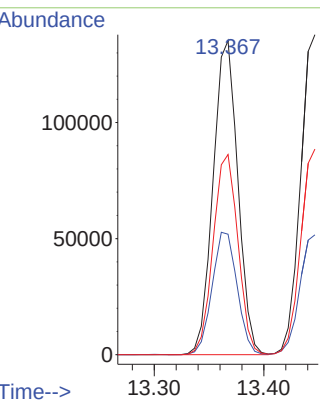
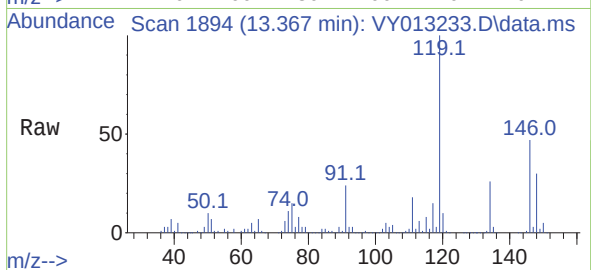
Tgt Ion:146 Resp: 212160

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.5

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 94.867 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

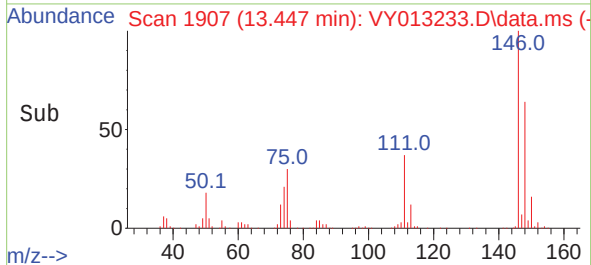
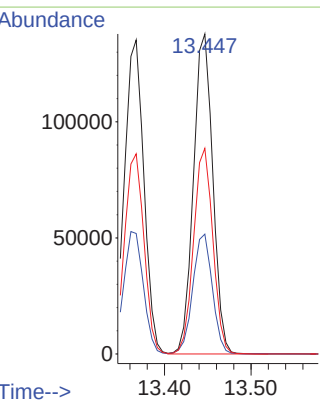
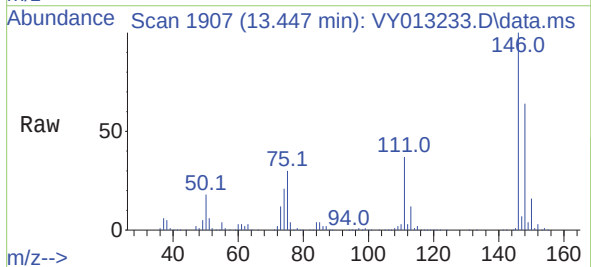
Tgt Ion:146 Resp: 214177

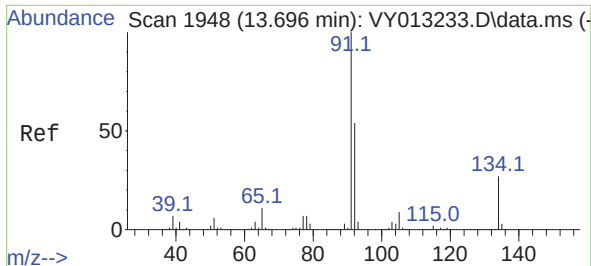
Ion Ratio Lower Upper

146 100

111 37.7 18.6 55.8

148 64.0 31.5 94.5





#89

n-Butylbenzene

Concen: 103.242 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

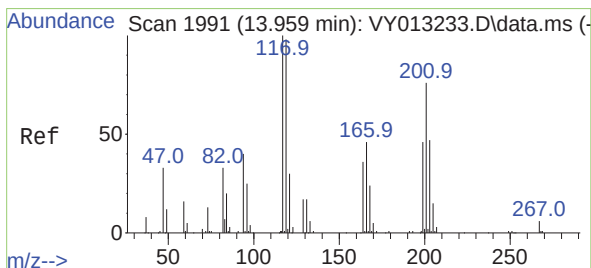
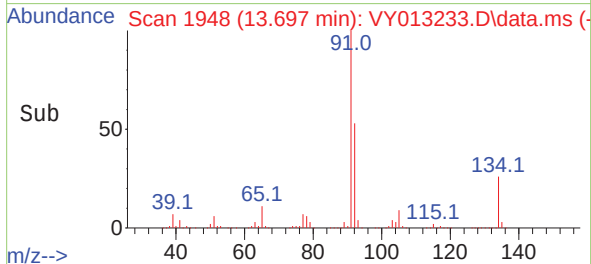
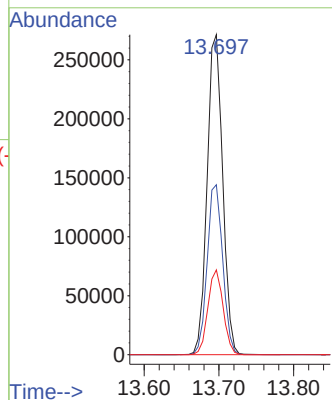
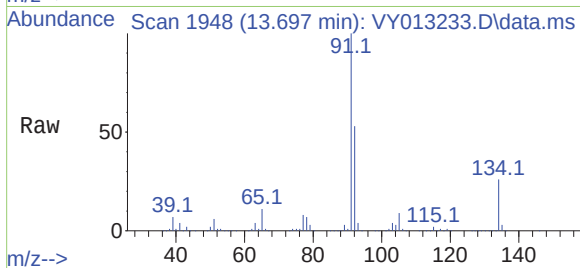
Tgt Ion: 91 Resp: 391693

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.0

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 98.125 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013233.D

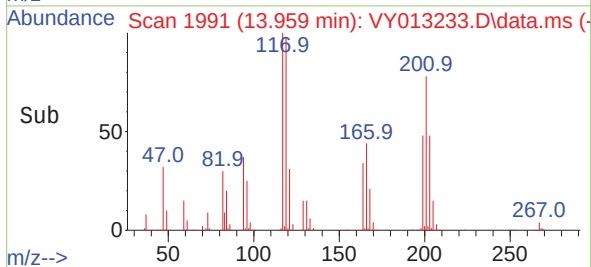
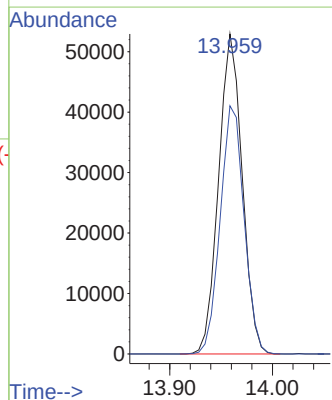
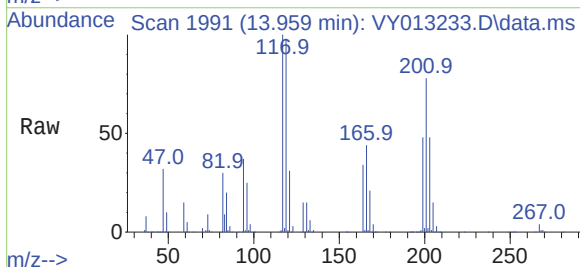
Acq: 10 Apr 2023 18:08

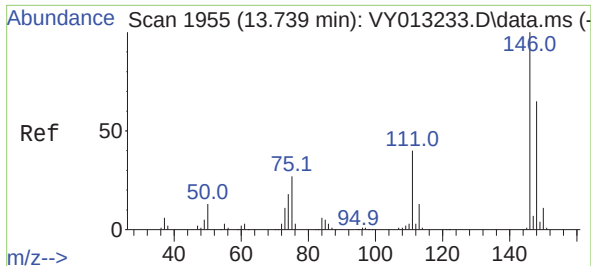
Tgt Ion: 117 Resp: 84204

Ion Ratio Lower Upper

117 100

201 78.6 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 96.882 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

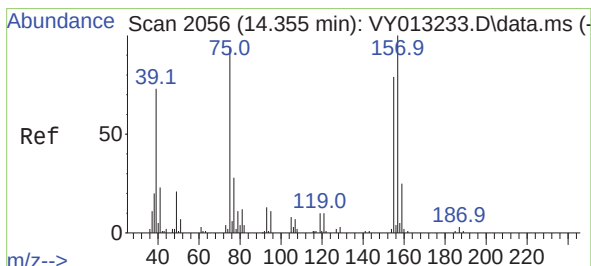
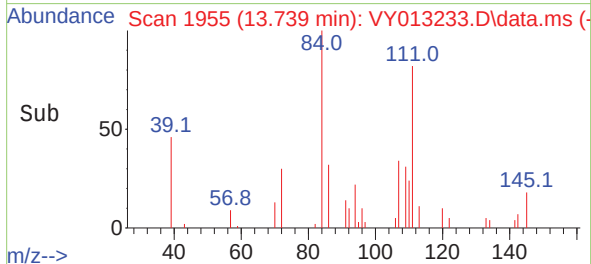
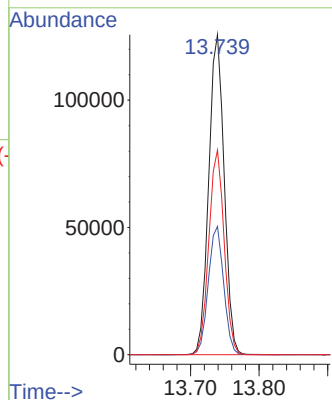
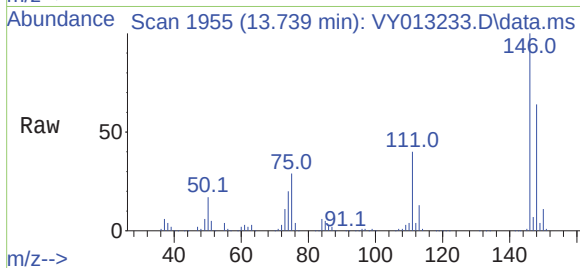
Tgt Ion:146 Resp: 197628

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 63.6 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 87.580 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

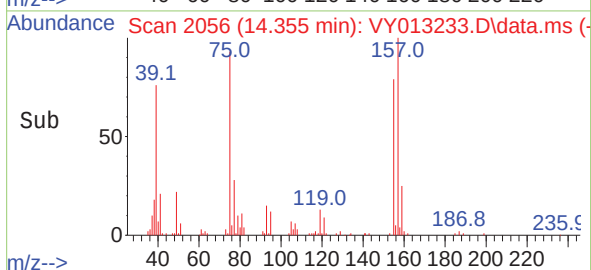
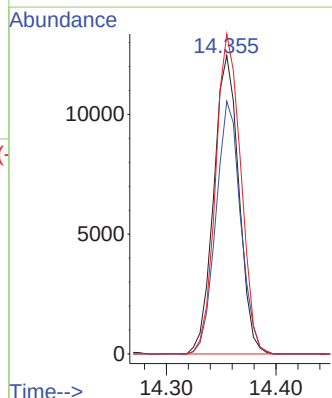
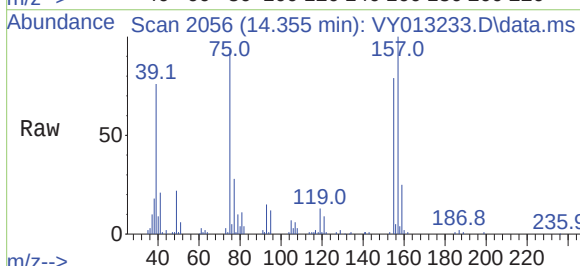
Tgt Ion: 75 Resp: 19824

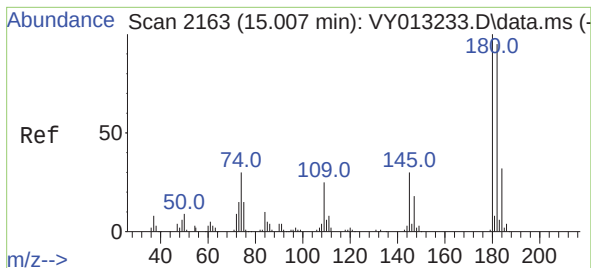
Ion Ratio Lower Upper

75 100

155 83.4 43.8 131.4

157 107.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 99.203 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

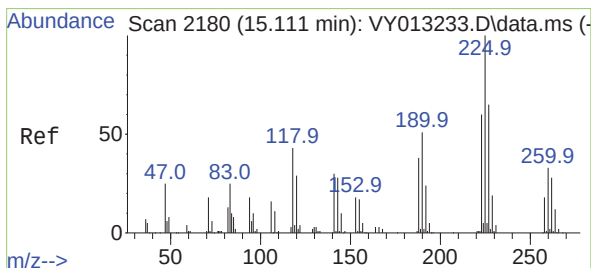
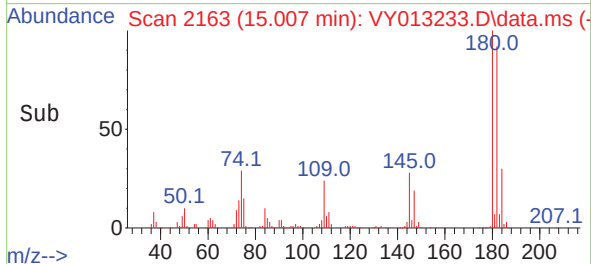
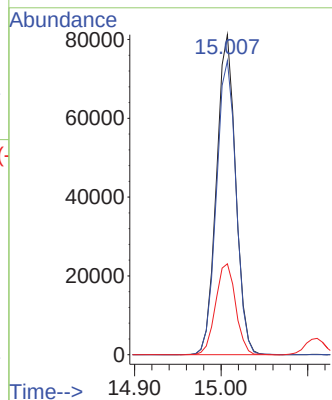
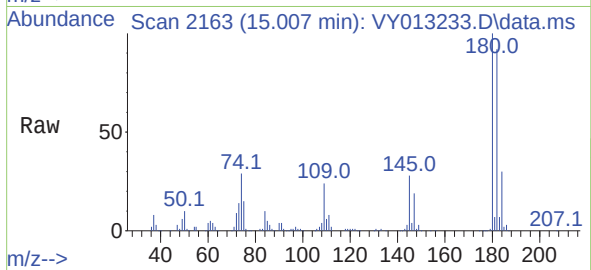
Tgt Ion:180 Resp: 124864

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.1

145 29.7 14.6 43.8



#94

Hexachlorobutadiene

Concen: 92.162 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013233.D

Acq: 10 Apr 2023 18:08

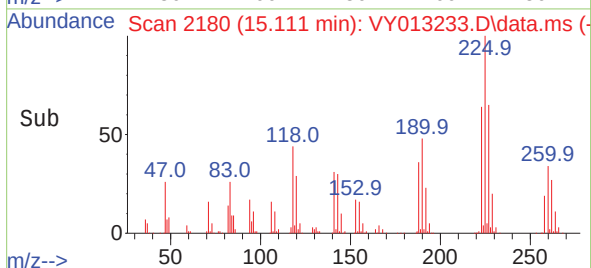
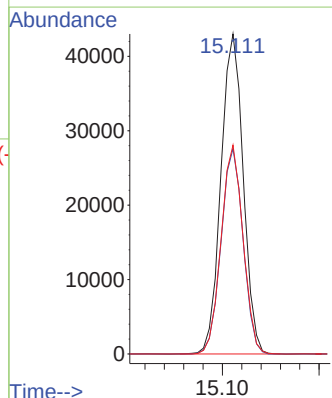
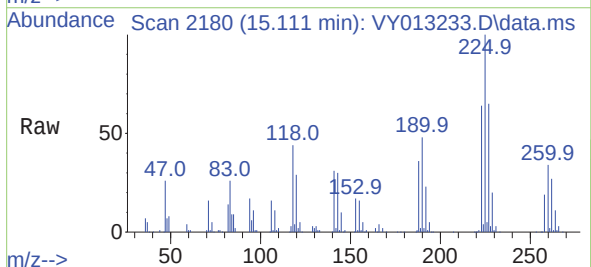
Tgt Ion:225 Resp: 68497

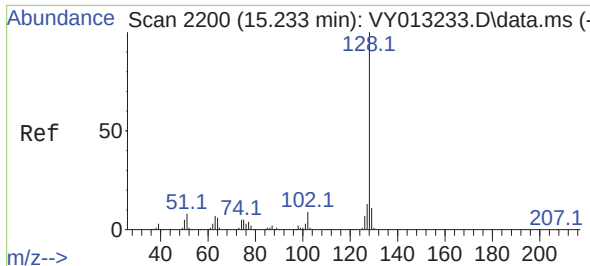
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.3

227 64.3 32.4 97.0

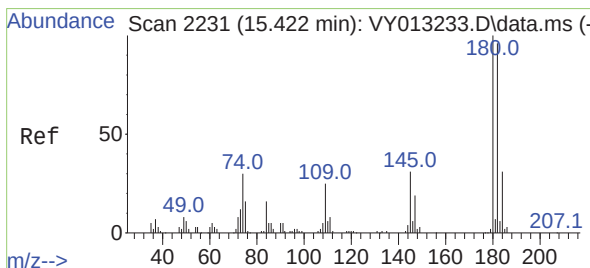
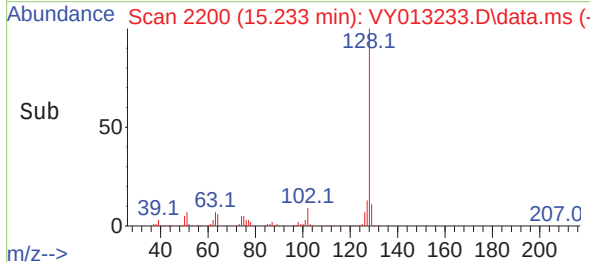
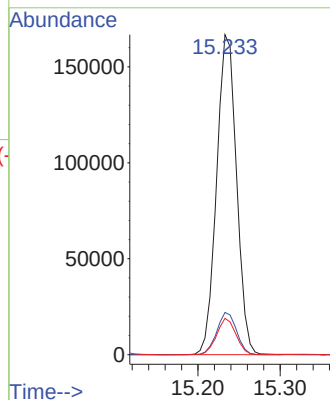
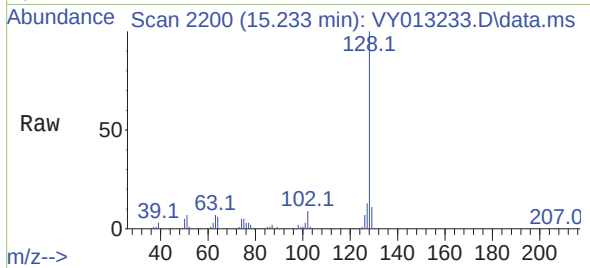




#95
Naphthalene
Concen: 99.177 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:	128	Resp:	281162
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 94.949 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013233.D
Acq: 10 Apr 2023 18:08

Tgt Ion:	180	Resp:	111555
Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	31.4	15.3	45.8

