

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013234.D
 Acq On : 10 Apr 2023 18:31
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 11 11:00:31 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	7.783	168	102682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	155750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70050	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	160520	139.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 278.020%#	
35) Dibromofluoromethane	7.716	113	136652	146.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 293.560%#	
50) Toluene-d8	10.179	98	485611	148.981	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 297.960%#	
62) 4-Bromofluorobenzene	12.477	95	173281	148.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 297.740%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	89711	146.638	ug/l	98
3) Chloromethane	2.113	50	108214	149.885	ug/l	100
4) Vinyl Chloride	2.253	62	115164	130.932	ug/l	99
5) Bromomethane	2.625	94	82871	149.146	ug/l	92
6) Chloroethane	2.784	64	84537	131.431	ug/l	98
7) Trichlorofluoromethane	3.119	101	190708	133.915	ug/l	99
8) Diethyl Ether	3.528	74	77790	143.926	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	119010	137.045	ug/l	98
10) Methyl Iodide	4.088	142	143853	137.446	ug/l	96
11) Tert butyl alcohol	4.960	59	120541	602.684	ug/l	99
12) 1,1-Dichloroethene	3.863	96	104995	138.786	ug/l	96
13) Acrolein	3.723	56	77701	775.479	ug/l	100
14) Allyl chloride	4.473	41	228752	142.304	ug/l	94
15) Acrylonitrile	5.161	53	282705	760.861	ug/l	99
16) Acetone	3.948	43	350595	746.113	ug/l	98
17) Carbon Disulfide	4.186	76	232884	149.350	ug/l	98
18) Methyl Acetate	4.473	43	209829	150.399	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	441826	153.335	ug/l	99
20) Methylene Chloride	4.710	84	145279	149.029	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	122554	138.094	ug/l	96
22) Diisopropyl ether	6.119	45	505404	141.970	ug/l	97
23) Vinyl Acetate	6.058	43	1681814	752.541	ug/l	99
24) 1,1-Dichloroethane	6.015	63	255634	139.112	ug/l	99
25) 2-Butanone	6.984	43	466731	768.525	ug/l	95
26) 2,2-Dichloropropane	6.978	77	232328	133.899	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	153692	143.539	ug/l	97
28) Bromochloromethane	7.332	49	126110	145.363	ug/l	97
29) Tetrahydrofuran	7.344	42	272108	768.338	ug/l	99
30) Chloroform	7.503	83	271191	141.430	ug/l	99
31) Cyclohexane	7.783	56	184687	147.799	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	236431	140.725	ug/l	99
36) 1,1-Dichloropropene	7.917	75	180603	141.052	ug/l	99
37) Ethyl Acetate	7.070	43	181013	152.726	ug/l	97
38) Carbon Tetrachloride	7.899	117	211227	141.684	ug/l	100
39) Methylcyclohexane	9.179	83	202113	150.211	ug/l	96
40) Benzene	8.155	78	536929	142.351	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	253576	410.284	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	198987	143.605	ug/l	98
43) Isopropyl Acetate	8.271	43	327121	157.998	ug/l	95
44) Trichloroethene	8.935	130	141979	144.222	ug/l	93
45) 1,2-Dichloropropane	9.216	63	149629	145.672	ug/l	96
46) Dibromomethane	9.301	93	91938	147.055	ug/l	100
47) Bromodichloromethane	9.496	83	218360	144.646	ug/l	98
48) Methyl methacrylate	9.289	41	146739	161.402	ug/l	94
49) 1,4-Dioxane	9.295	88	31726	3567.501	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	940326	800.902	ug/l	98
52) Toluene	10.240	92	346263	146.404	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	242106	153.053	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	252969	149.122	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	132047	149.338	ug/l	98
56) Ethyl methacrylate	10.508	69	207128	167.656	ug/l	94
57) 1,3-Dichloropropane	10.789	76	223848	150.095	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	446157	796.229	ug/l	99
59) 2-Hexanone	10.831	43	702088	810.869	ug/l	97
60) Dibromochloromethane	10.984	129	166610	151.425	ug/l	99
61) 1,2-Dibromoethane	11.087	107	126924	150.377	ug/l	99
64) Tetrachloroethene	10.721	164	125567	144.962	ug/l	99
65) Chlorobenzene	11.514	112	386344	144.498	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	155301	146.045	ug/l	99
67) Ethyl Benzene	11.593	91	691066	148.908	ug/l	99
68) m/p-Xylenes	11.703	106	525043	297.324	ug/l	98
69) o-Xylene	12.026	106	252496	150.428	ug/l	100
70) Styrene	12.044	104	440531	153.901	ug/l	99
71) Bromoform	12.203	173	118465	155.242	ug/l #	98
73) Isopropylbenzene	12.331	105	677059	153.977	ug/l	99
74) N-amyl acetate	12.142	43	277656	165.080	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	177983	151.425	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	235570	266.716	ug/l #	100
77) Bromobenzene	12.605	156	166656	148.960	ug/l	97
78) n-propylbenzene	12.672	91	818874	151.289	ug/l	99
79) 2-Chlorotoluene	12.758	91	465925	151.176	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	557823	153.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	65463	158.335	ug/l	94
82) 4-Chlorotoluene	12.855	91	482747	150.002	ug/l	98
83) tert-Butylbenzene	13.075	119	494021	151.947	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	551710	152.578	ug/l	99
85) sec-Butylbenzene	13.252	105	718766	150.426	ug/l	100
86) p-Isopropyltoluene	13.367	119	609089	152.074	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	318101	145.197	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	320653	143.532	ug/l	99
89) n-Butylbenzene	13.697	91	573890	152.865	ug/l	100
90) Hexachloroethane	13.959	117	123769	145.757	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	297449	147.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	35322	157.698	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	201143	161.497	ug/l	99
94) Hexachlorobutadiene	15.111	225	105811	143.873	ug/l	99
95) Naphthalene	15.233	128	502175	179.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	186662	160.557	ug/l	99

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QLast Update : Tue Apr 11 10:54:28 2023
Response via : Initial Calibration

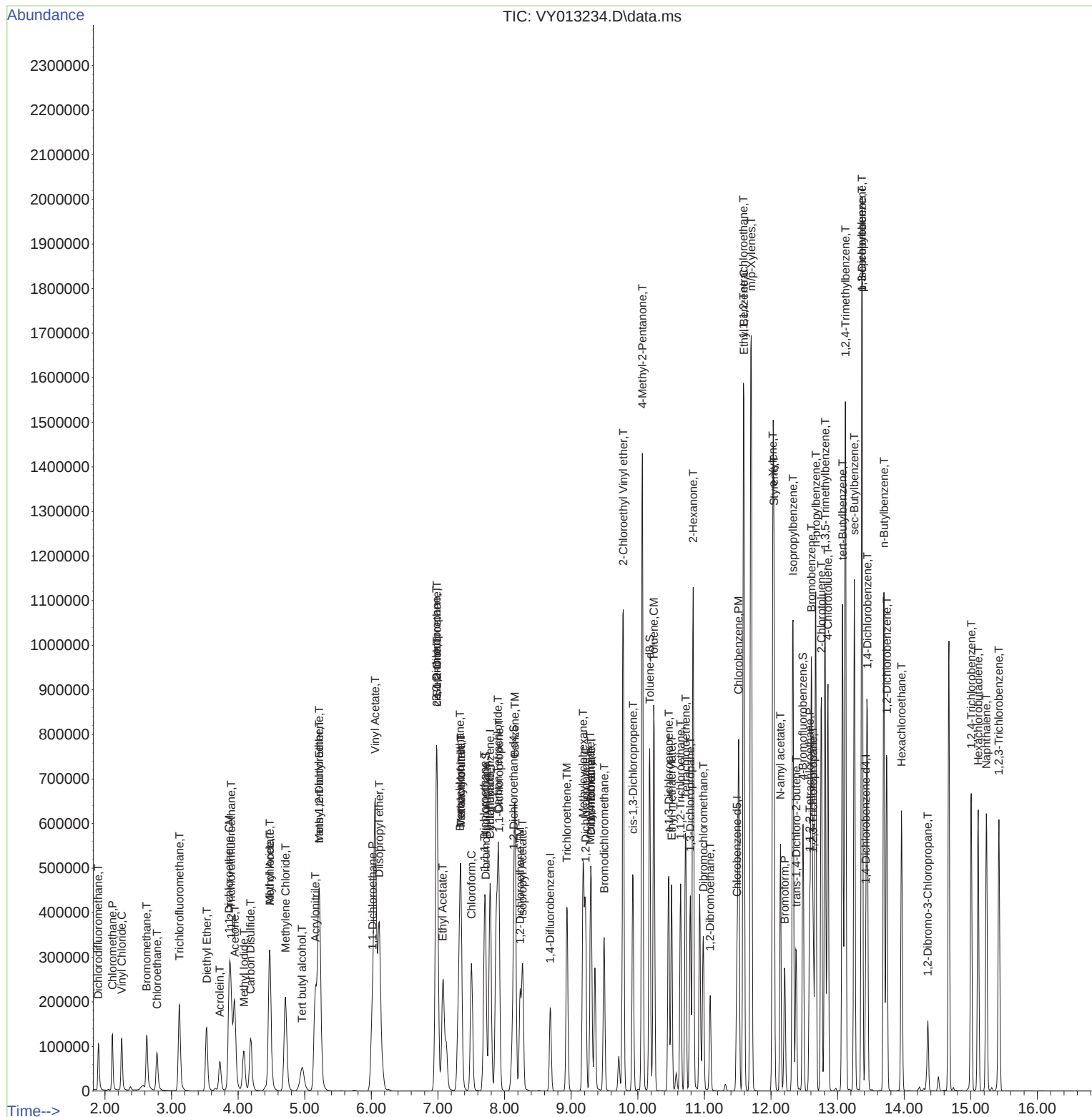
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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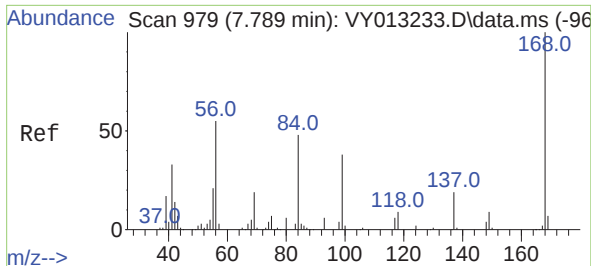
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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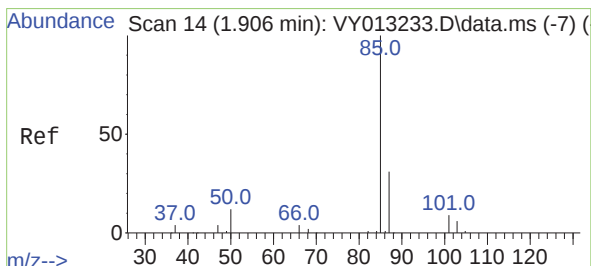
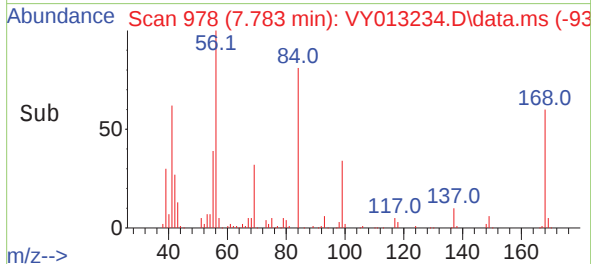
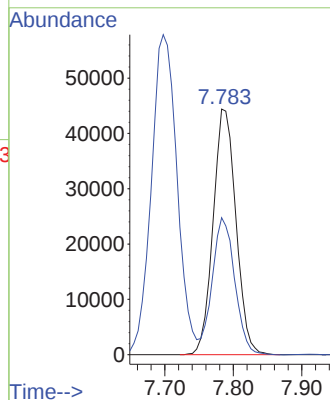
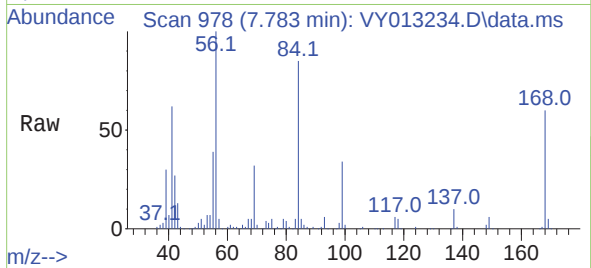




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013234.D
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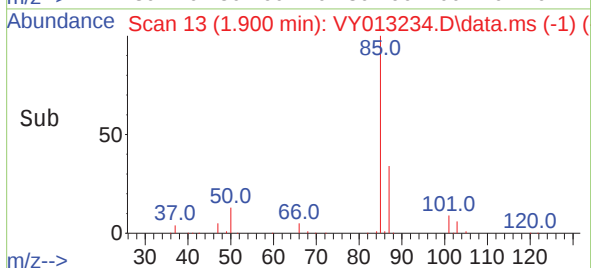
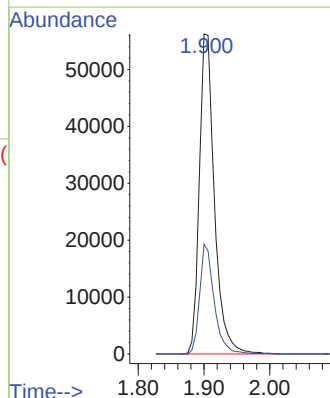
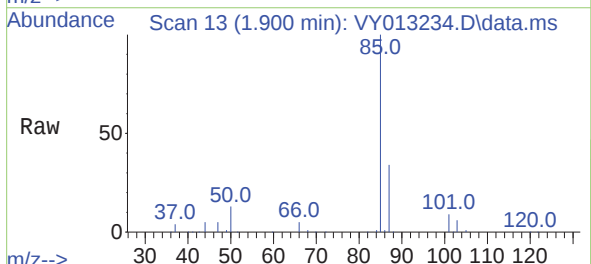
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 102682
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5

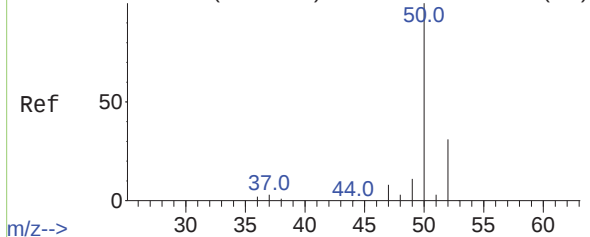


#2
Dichlorodifluoromethane
Concen: 146.638 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 85 Resp: 89711
Ion Ratio Lower Upper
85 100
87 34.3 16.7 50.0



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



#3

Chloromethane

Concen: 149.885 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

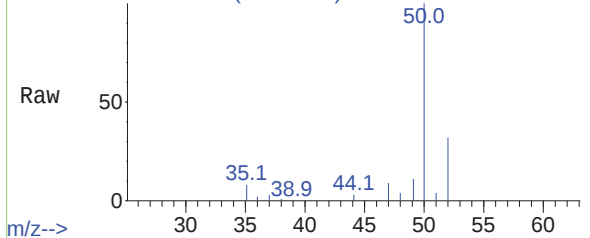
Tgt Ion: 50 Resp: 108214

Ion Ratio Lower Upper

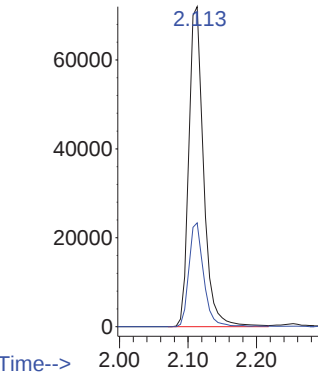
50 100

52 32.4 26.0 39.0

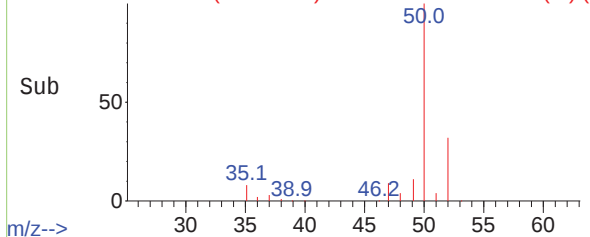
Abundance Scan 48 (2.113 min): VY013234.D\data.ms



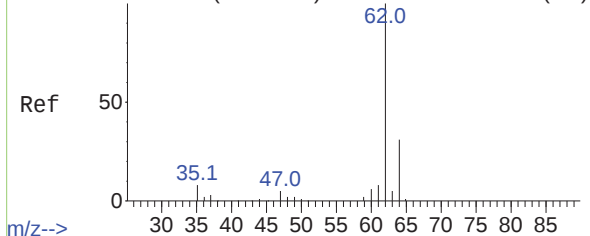
Abundance



Abundance Scan 48 (2.113 min): VY013234.D\data.ms (-1)



Abundance Scan 70 (2.247 min): VY013233.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 130.932 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

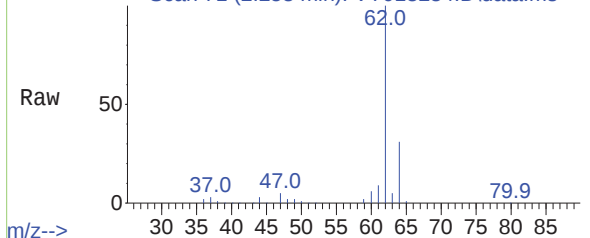
Tgt Ion: 62 Resp: 115164

Ion Ratio Lower Upper

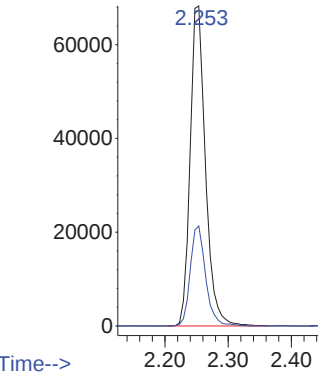
62 100

64 31.2 25.6 38.4

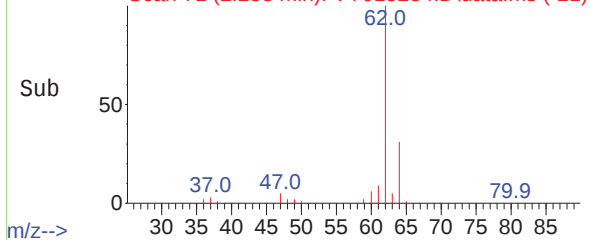
Abundance Scan 71 (2.253 min): VY013234.D\data.ms

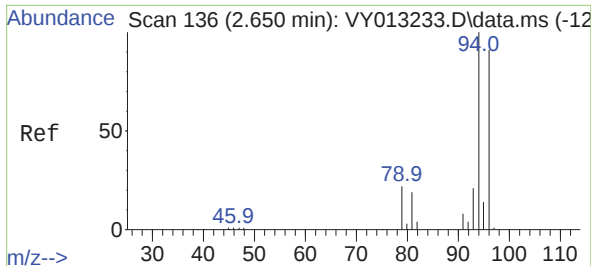


Abundance



Abundance Scan 71 (2.253 min): VY013234.D\data.ms (-21)

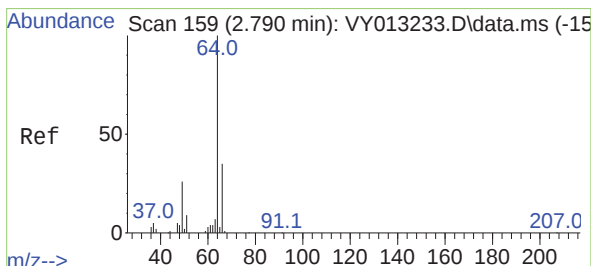
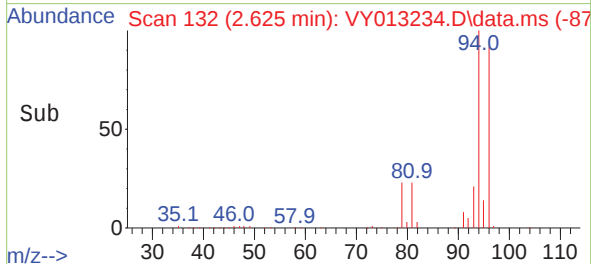
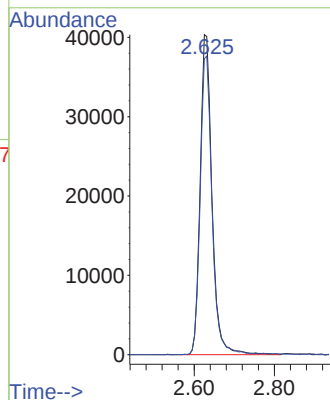
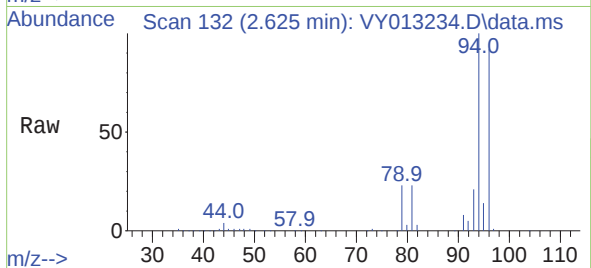




#5
Bromomethane
Concen: 149.146 ug/l
RT: 2.625 min Scan# 14
Delta R.T. -0.025 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

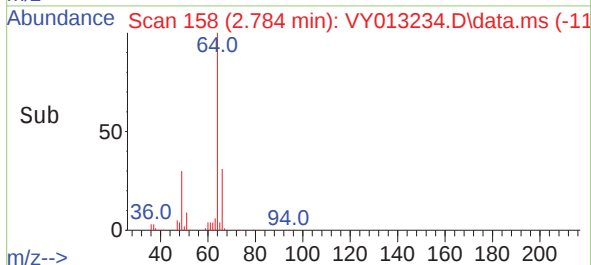
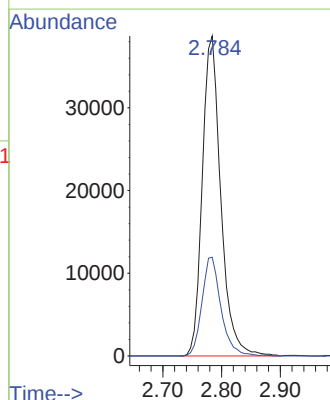
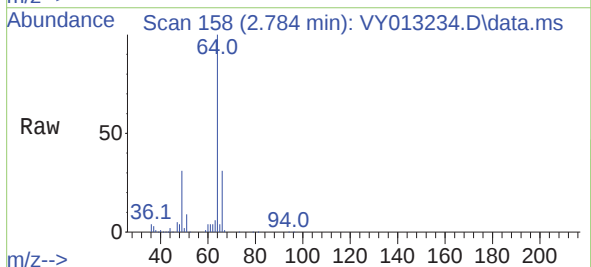
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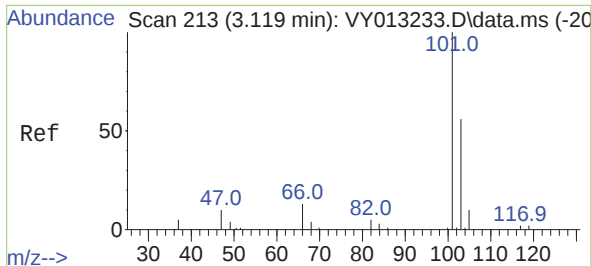
Tgt Ion: 94 Resp: 82871
Ion Ratio Lower Upper
94 100
96 92.5 80.3 120.5



#6
Chloroethane
Concen: 131.431 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 64 Resp: 84537
Ion Ratio Lower Upper
64 100
66 30.9 25.7 38.5

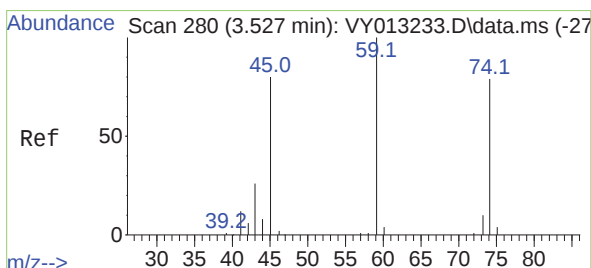
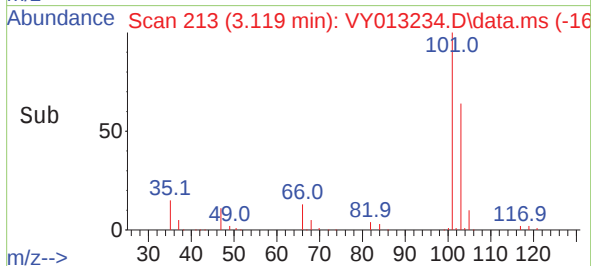
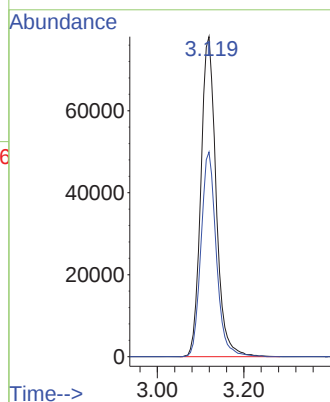
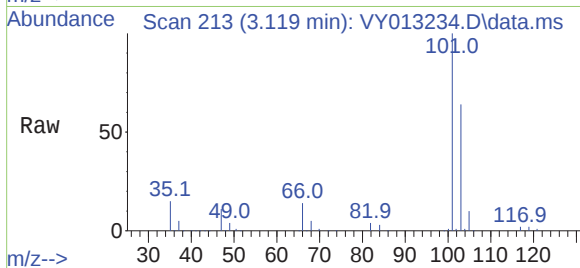




#7
Trichlorofluoromethane
Concen: 133.915 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

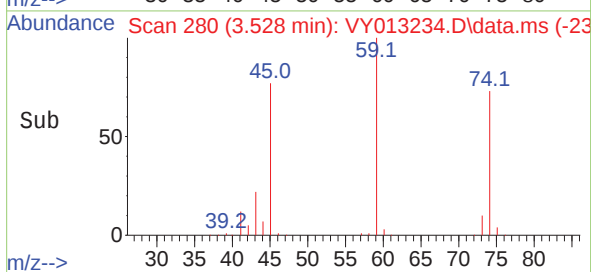
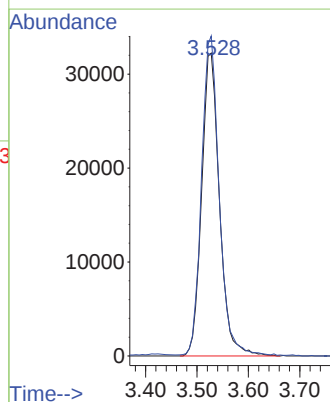
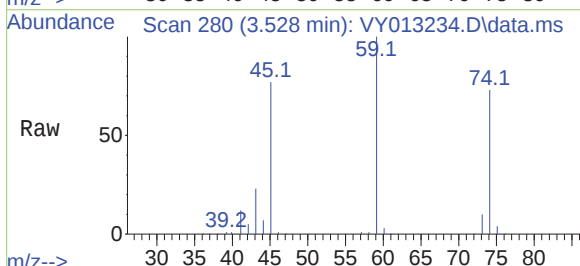
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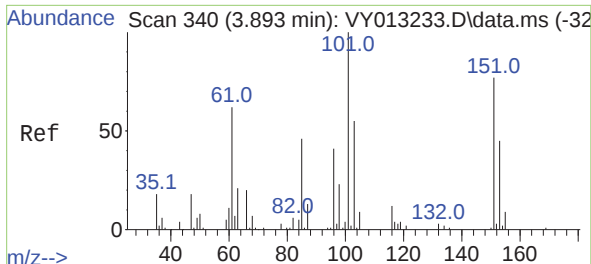
Tgt Ion:101 Resp: 190708
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3



#8
Diethyl Ether
Concen: 143.926 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 74 Resp: 77790
Ion Ratio Lower Upper
74 100
45 104.4 52.1 156.4

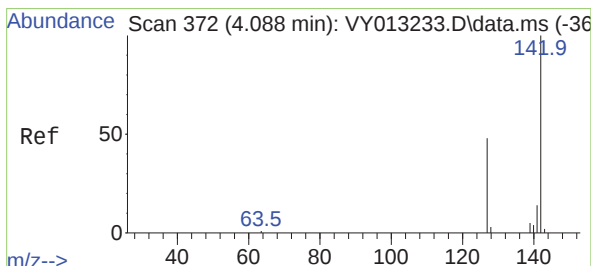
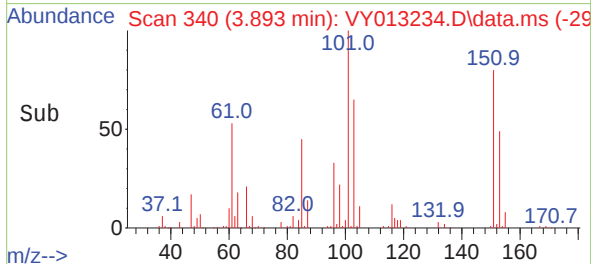
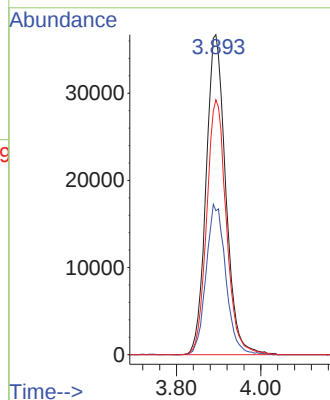
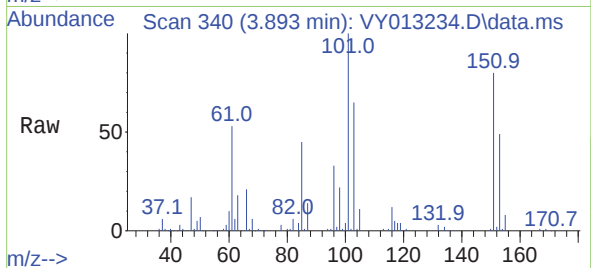




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 137.045 ug/l
 RT: 3.893 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VY013234.D
 Acq: 10 Apr 2023 18:31

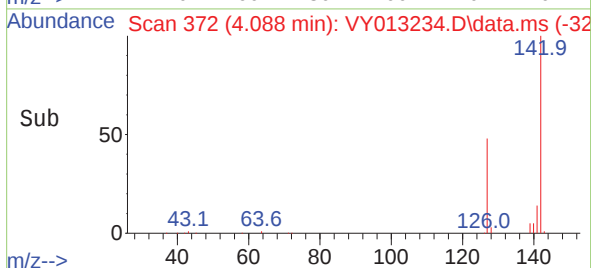
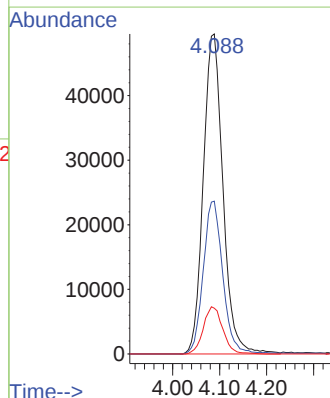
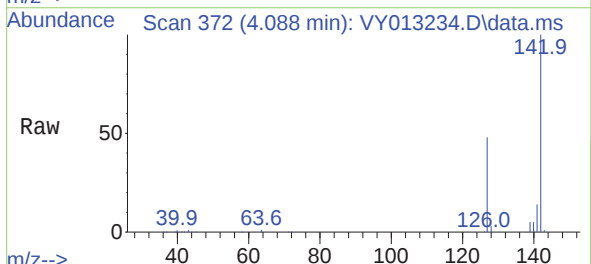
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

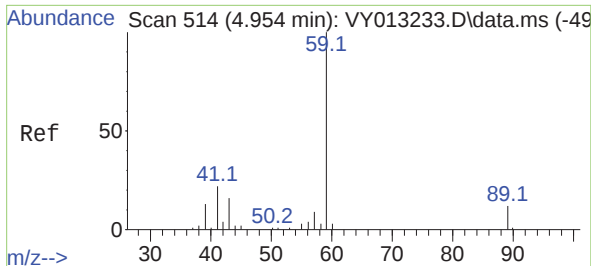
Tgt Ion:101 Resp: 119010
 Ion Ratio Lower Upper
 101 100
 85 47.2 35.3 52.9
 151 79.6 63.1 94.7



#10
 Methyl Iodide
 Concen: 137.446 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. 0.000 min
 Lab File: VY013234.D
 Acq: 10 Apr 2023 18:31

Tgt Ion:142 Resp: 143853
 Ion Ratio Lower Upper
 142 100
 127 47.7 35.4 53.2
 141 14.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 602.684 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

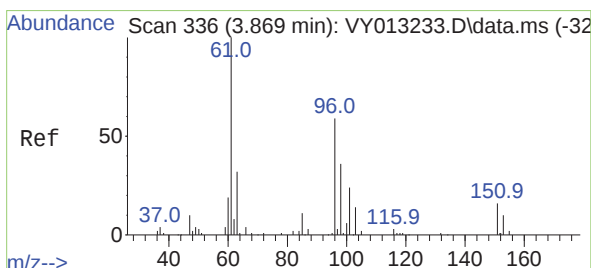
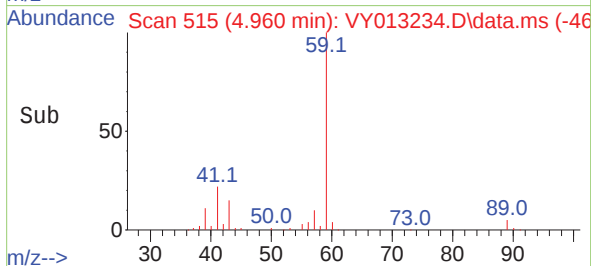
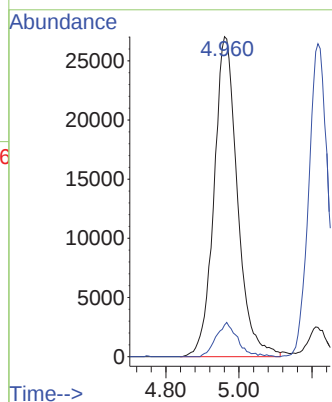
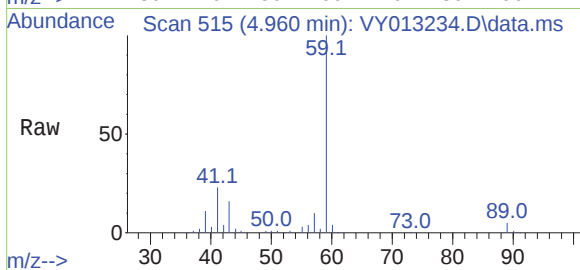
VSTDIC150

Tgt Ion: 59 Resp: 120541

Ion Ratio Lower Upper

59 100

57 9.9 7.7 11.5



#12

1,1-Dichloroethene

Concen: 138.786 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.006 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

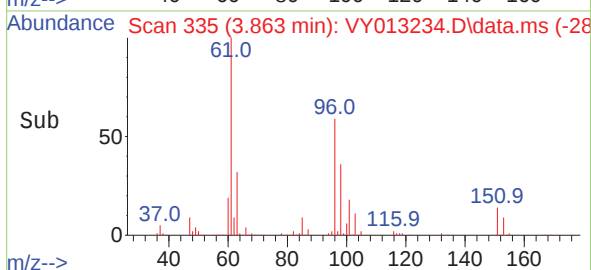
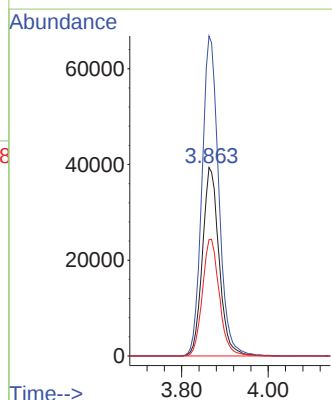
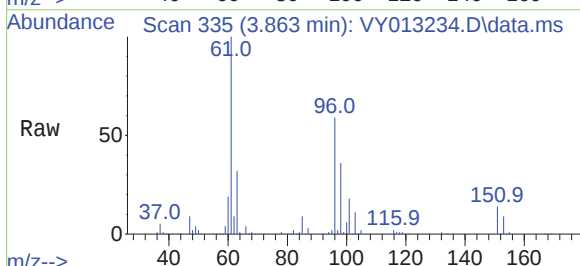
Tgt Ion: 96 Resp: 104995

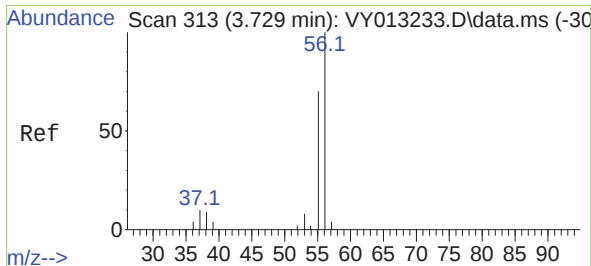
Ion Ratio Lower Upper

96 100

61 169.8 131.7 197.5

98 61.7 52.0 78.0

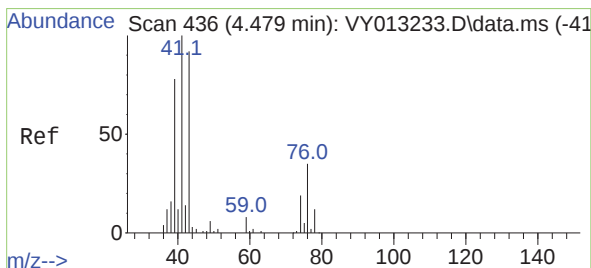
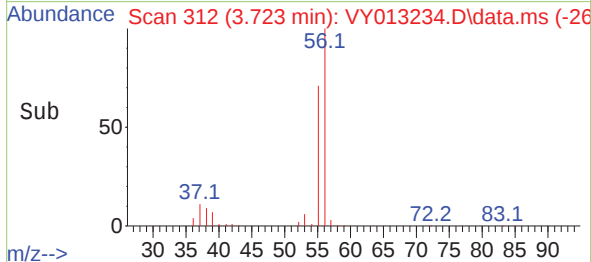
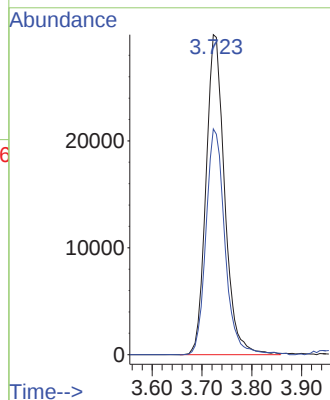
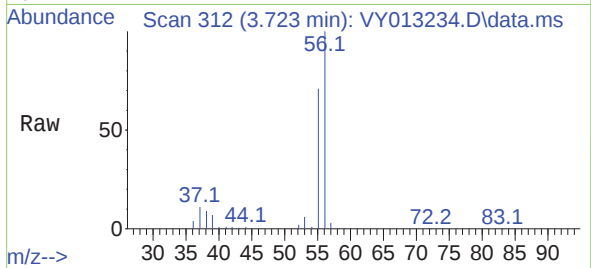




#13
Acrolein
Concen: 775.479 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

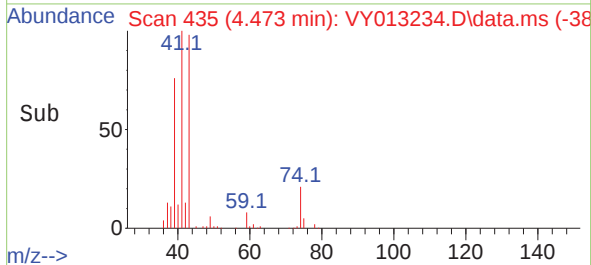
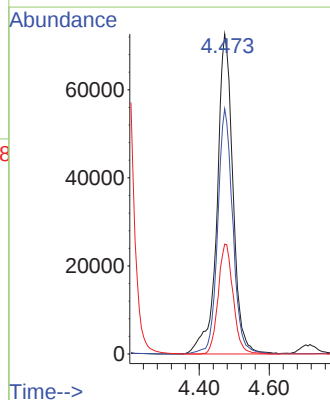
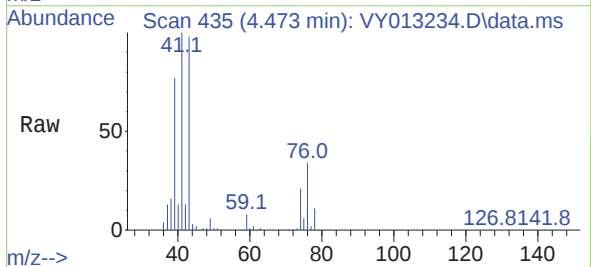
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

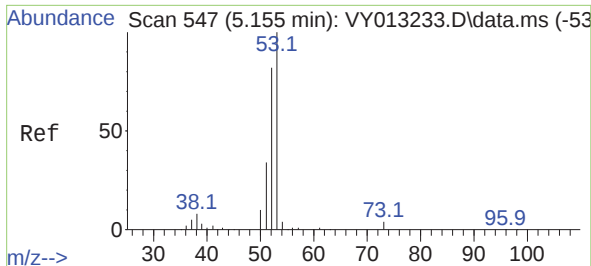
Tgt Ion: 56 Resp: 77701
Ion Ratio Lower Upper
56 100
55 71.4 56.8 85.2



#14
Allyl chloride
Concen: 142.304 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 41 Resp: 228752
Ion Ratio Lower Upper
41 100
39 73.0 53.6 80.4
76 32.2 27.2 40.8





#15

Acrylonitrile

Concen: 760.861 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

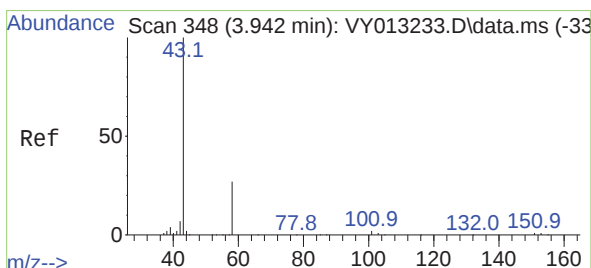
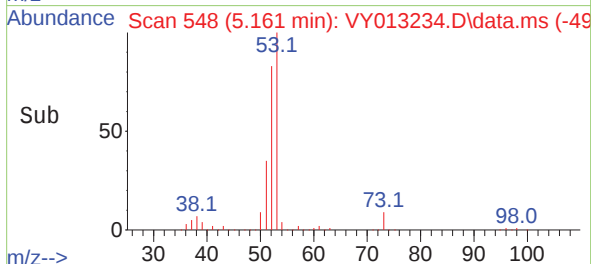
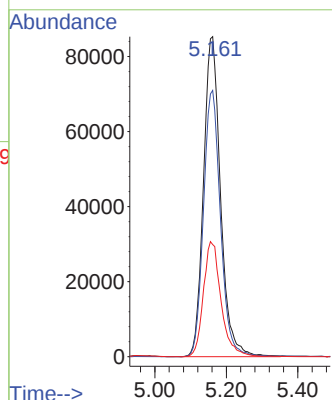
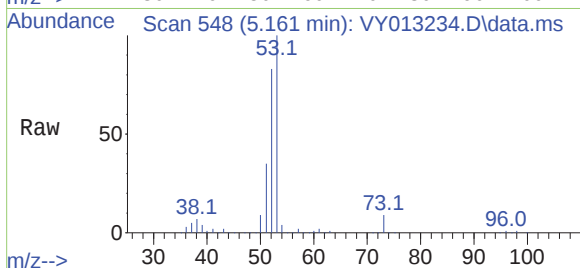
Tgt Ion: 53 Resp: 282705

Ion Ratio Lower Upper

53 100

52 83.0 66.3 99.5

51 37.2 28.8 43.2



#16

Acetone

Concen: 746.113 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY013234.D

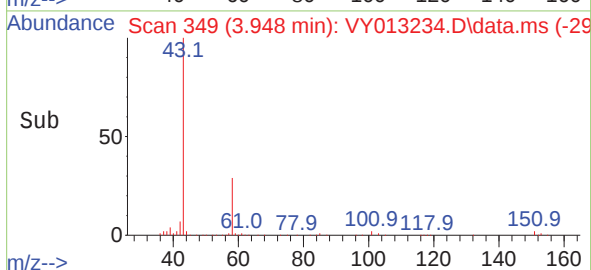
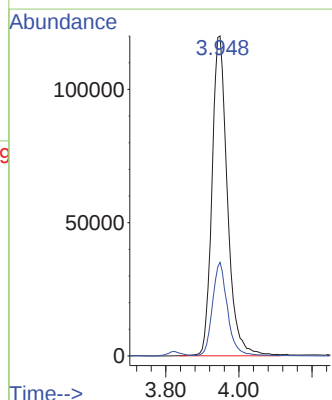
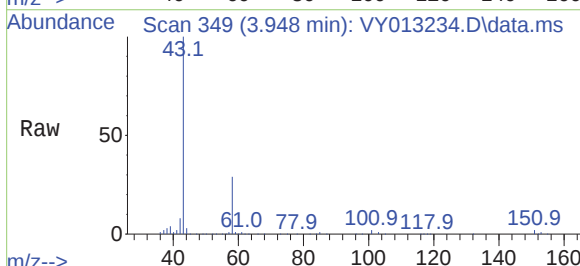
Acq: 10 Apr 2023 18:31

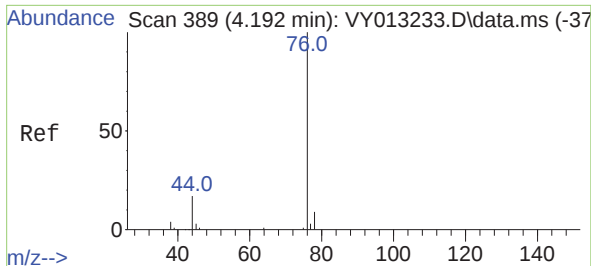
Tgt Ion: 43 Resp: 350595

Ion Ratio Lower Upper

43 100

58 29.1 24.2 36.2





#17

Carbon Disulfide

Concen: 149.350 ug/l

RT: 4.186 min Scan# 389

Delta R.T. -0.006 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

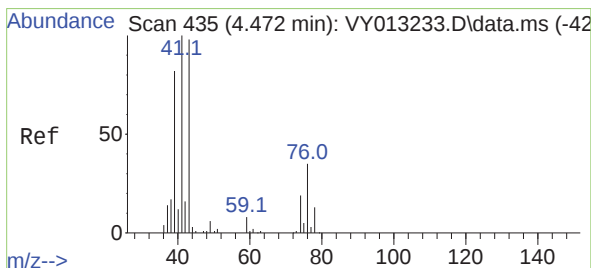
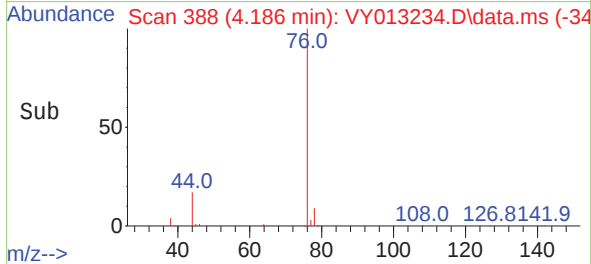
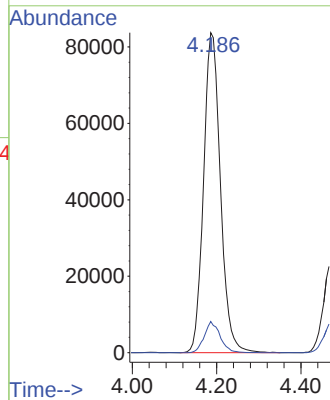
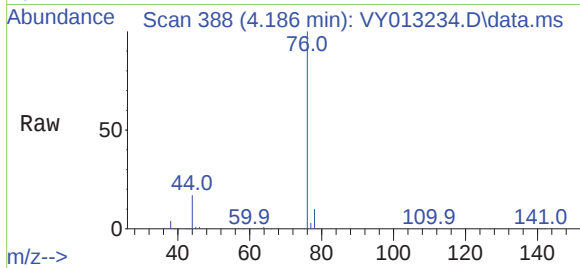
VSTDIC150

Tgt Ion: 76 Resp: 232884

Ion Ratio Lower Upper

76 100

78 9.8 7.1 10.7



#18

Methyl Acetate

Concen: 150.399 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.001 min

Lab File: VY013234.D

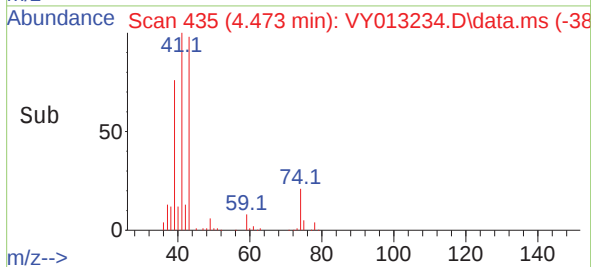
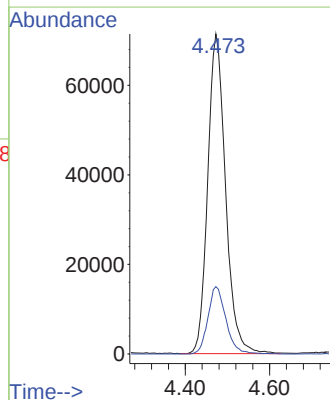
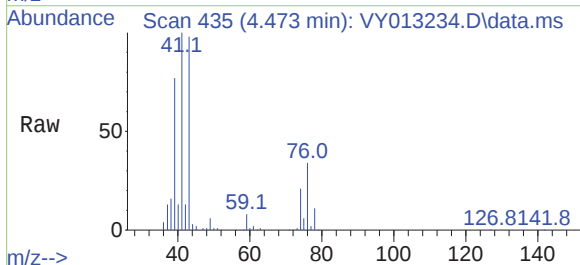
Acq: 10 Apr 2023 18:31

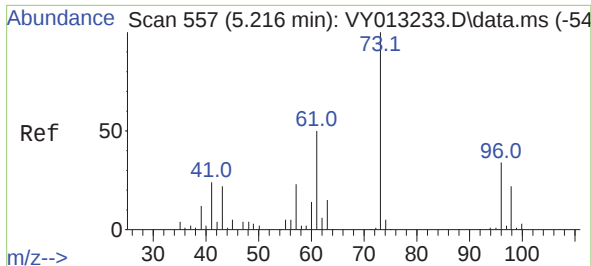
Tgt Ion: 43 Resp: 209829

Ion Ratio Lower Upper

43 100

74 21.3 17.4 26.0

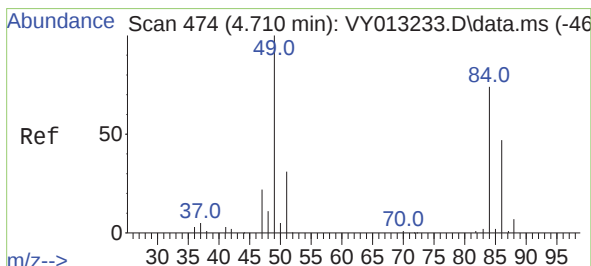
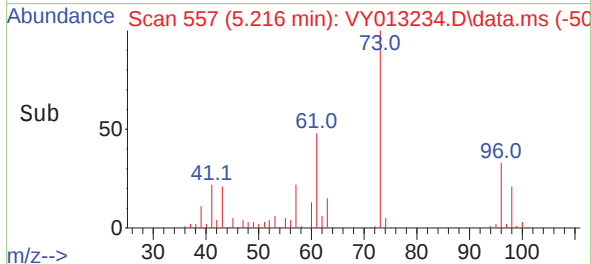
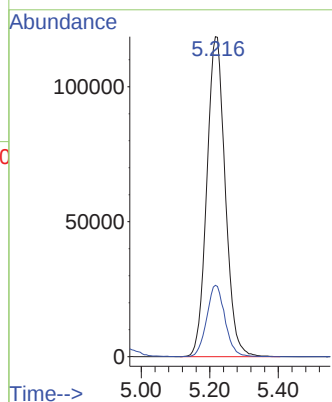
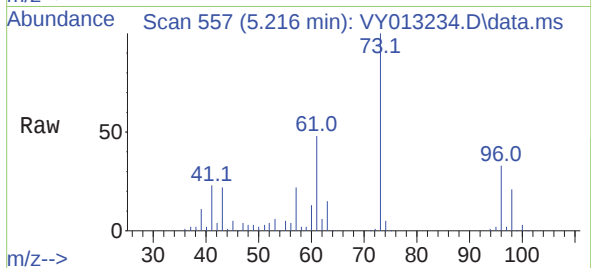




#19
Methyl tert-butyl Ether
Concen: 153.335 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

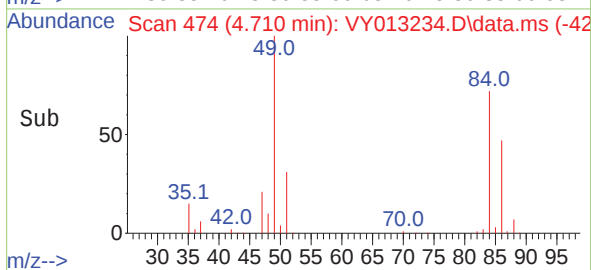
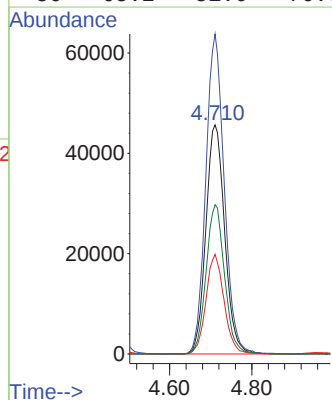
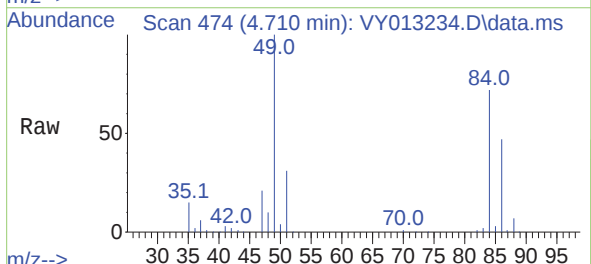
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

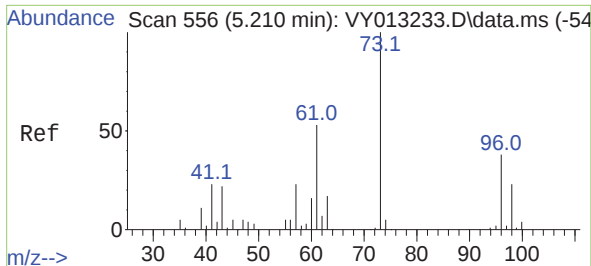
Tgt Ion: 73 Resp: 441826
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5



#20
Methylene Chloride
Concen: 149.029 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 84 Resp: 145279
Ion Ratio Lower Upper
84 100
49 139.7 102.6 154.0
51 43.5 31.9 47.9
86 65.2 51.0 76.6

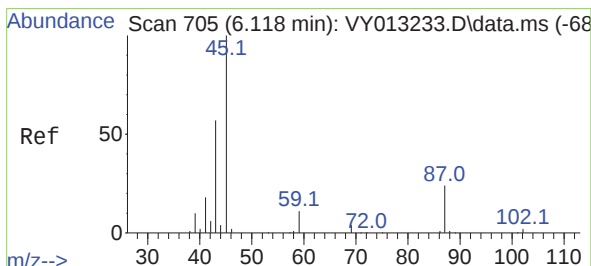
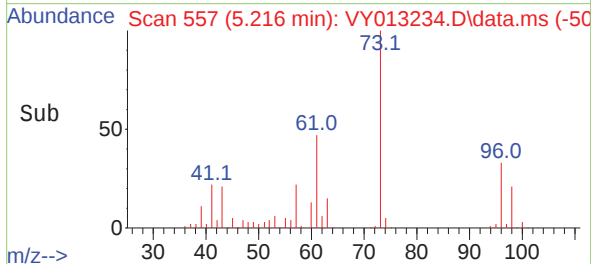
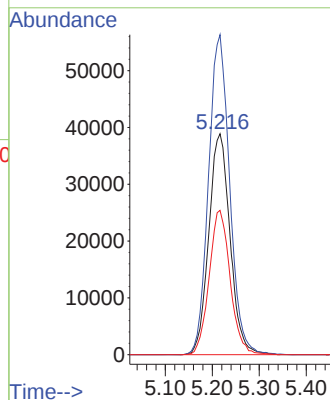
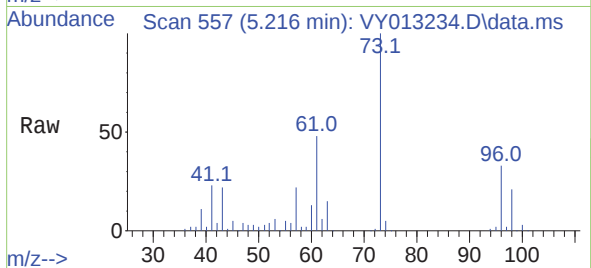




#21
trans-1,2-Dichloroethene
Concen: 138.094 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

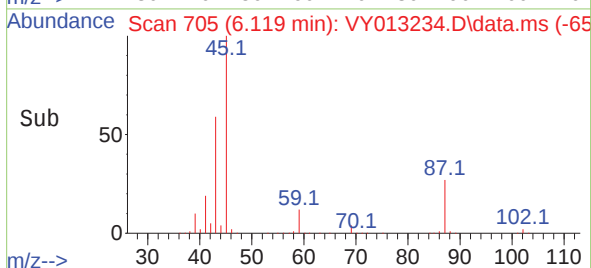
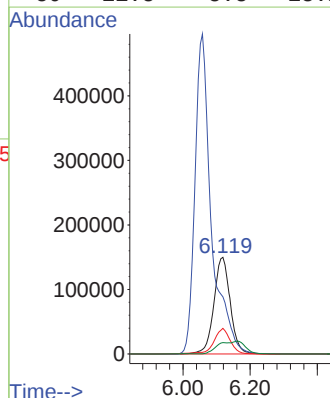
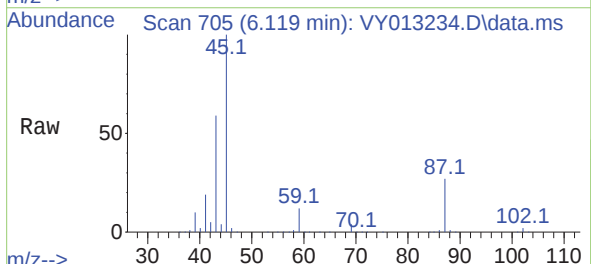
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

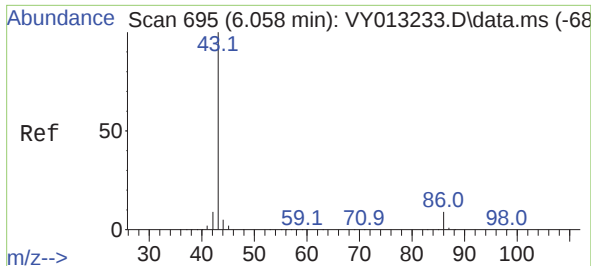
Tgt Ion: 96 Resp: 122554
Ion Ratio Lower Upper
96 100
61 144.8 111.4 167.0
98 65.3 50.8 76.2



#22
Diisopropyl ether
Concen: 141.970 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 45 Resp: 505404
Ion Ratio Lower Upper
45 100
43 59.0 45.0 67.6
87 26.6 20.3 30.5
59 11.8 8.8 13.2

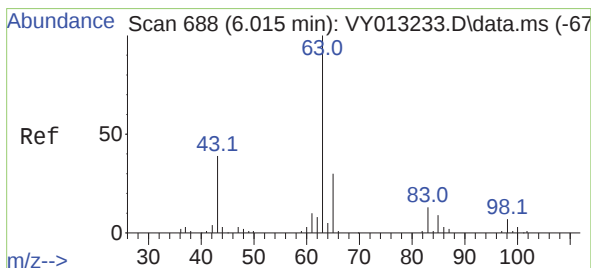
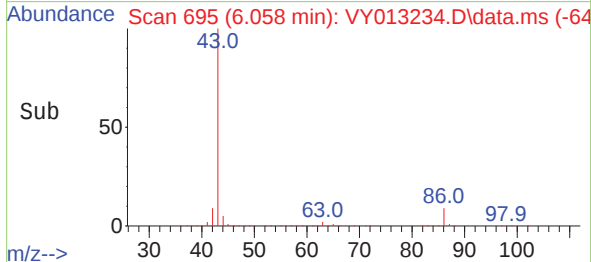
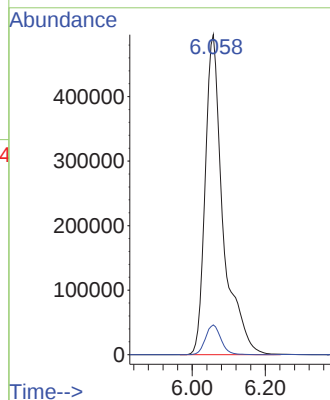
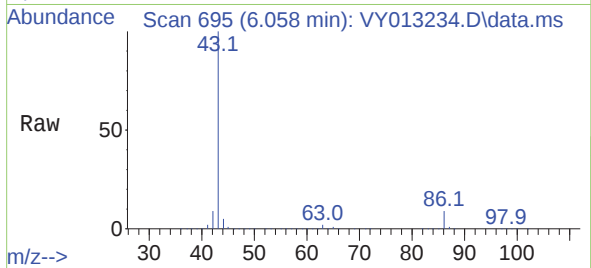




#23
 Vinyl Acetate
 Concen: 752.541 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013234.D
 Acq: 10 Apr 2023 18:31

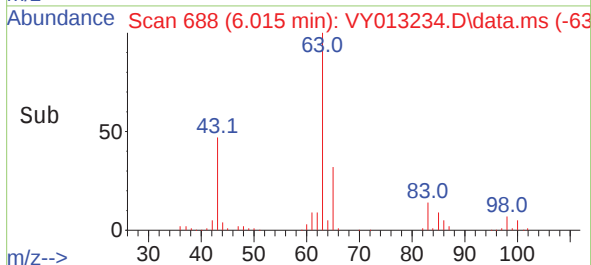
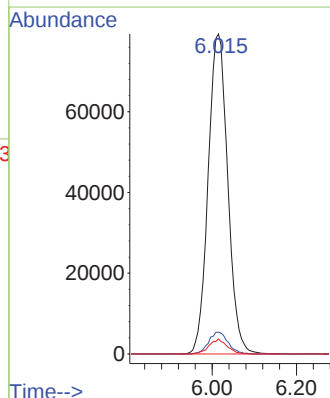
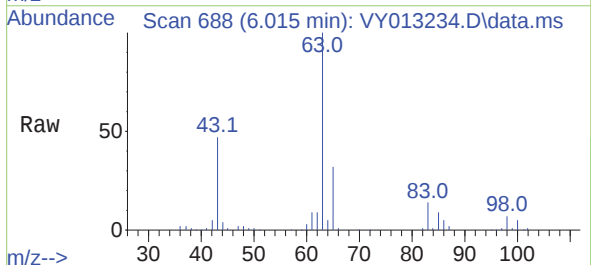
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

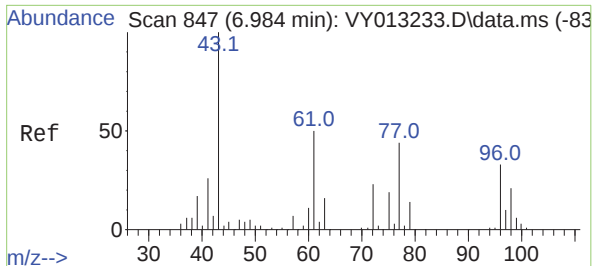
Tgt Ion: 43 Resp: 1681814
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 139.112 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013234.D
 Acq: 10 Apr 2023 18:31

Tgt Ion: 63 Resp: 255634
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 4.7 2.3 6.8

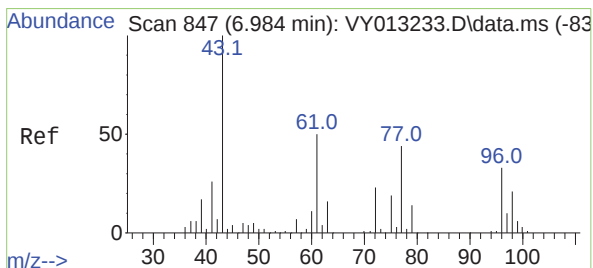
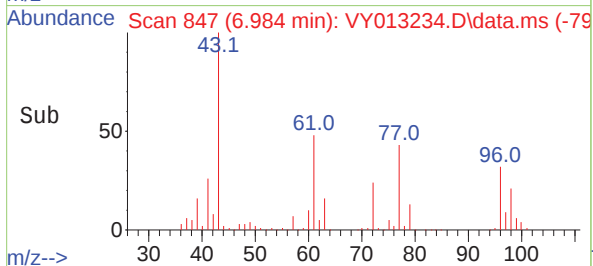
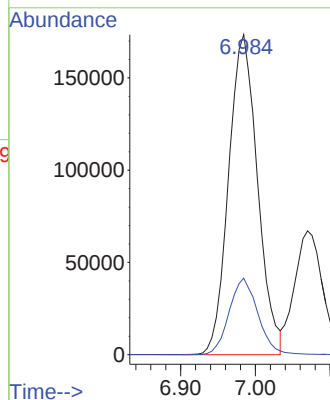
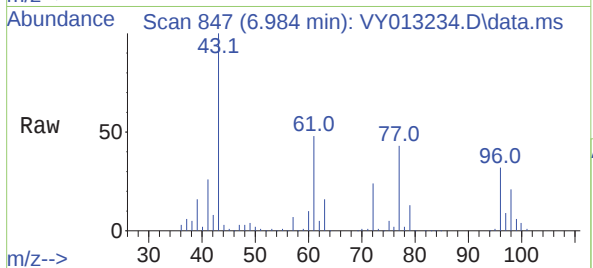




#25
2-Butanone
Concen: 768.525 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

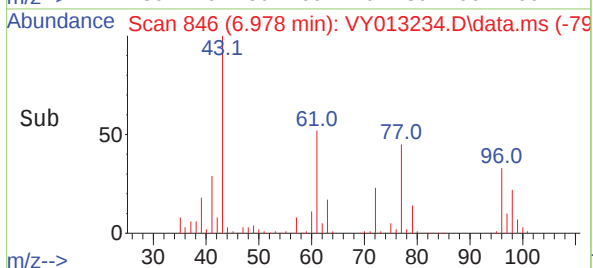
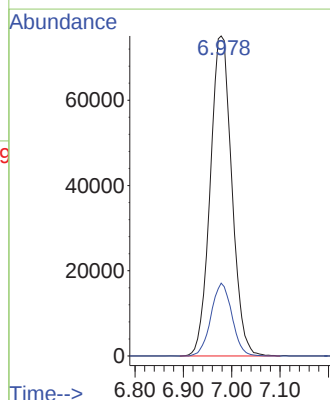
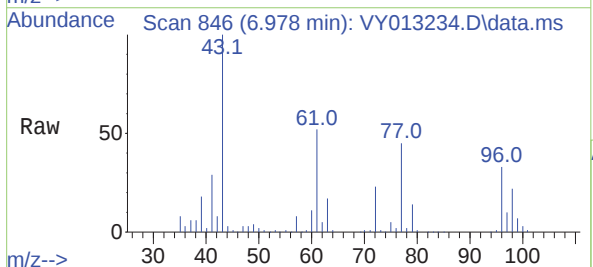
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

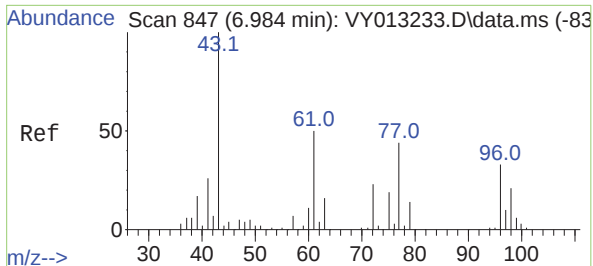
Tgt Ion: 43 Resp: 466731
Ion Ratio Lower Upper
43 100
72 23.9 21.0 31.4



#26
2,2-Dichloropropane
Concen: 133.899 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 77 Resp: 232328
Ion Ratio Lower Upper
77 100
97 22.1 11.7 35.0

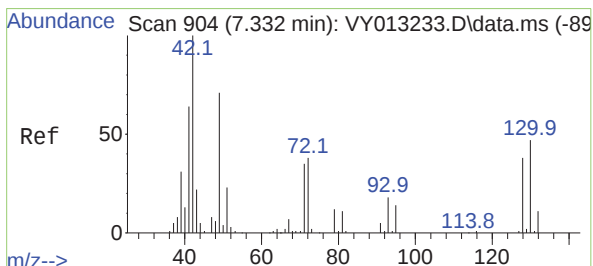
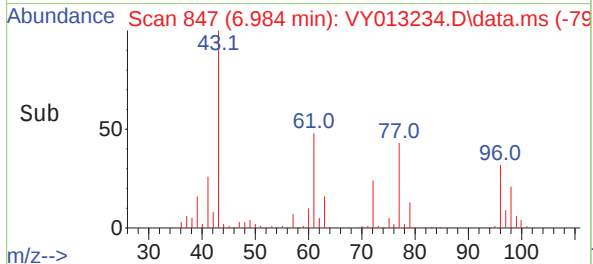
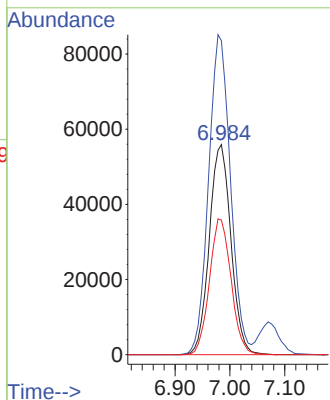
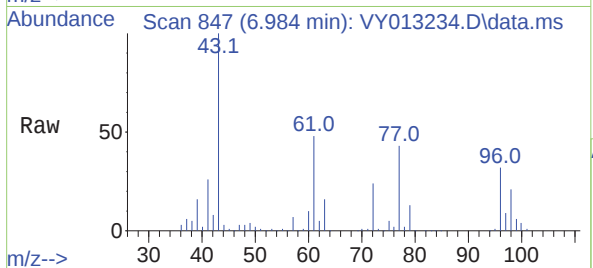




#27
cis-1,2-Dichloroethene
Concen: 143.539 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

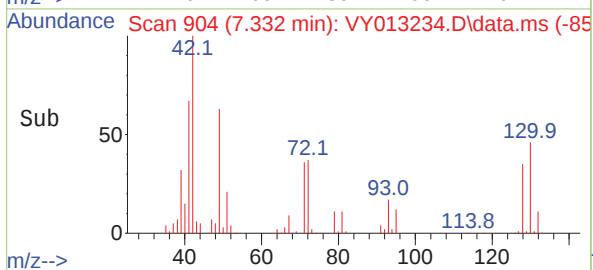
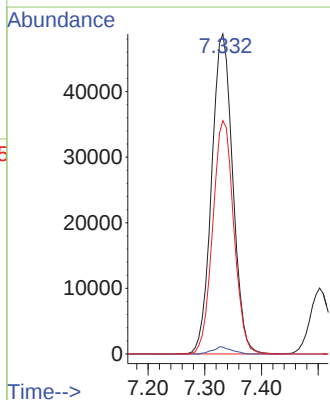
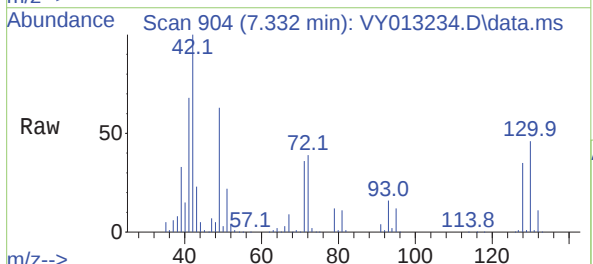
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

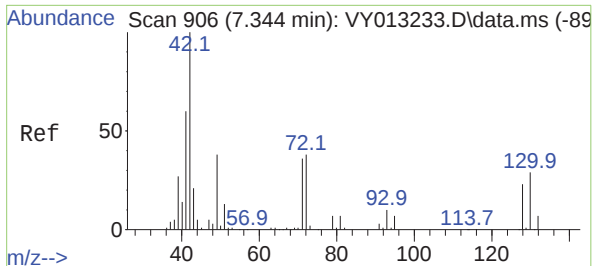
Tgt Ion: 96 Resp: 153692
Ion Ratio Lower Upper
96 100
61 153.7 0.0 295.8
98 64.4 0.0 130.2



#28
Bromochloromethane
Concen: 145.363 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 49 Resp: 126110
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 72.8 60.5 90.7

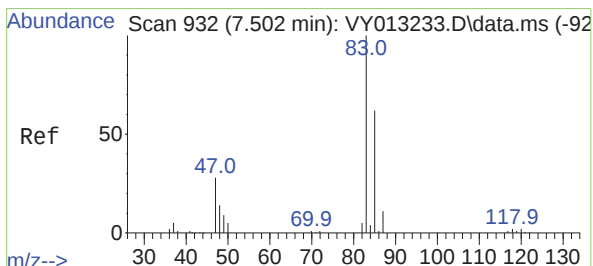
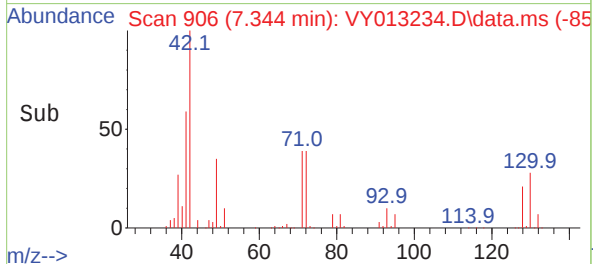
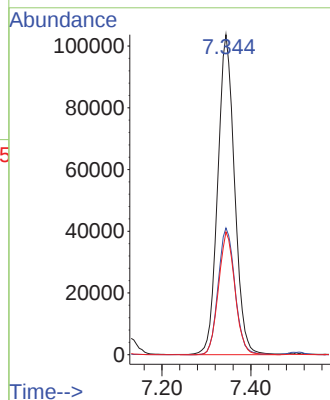
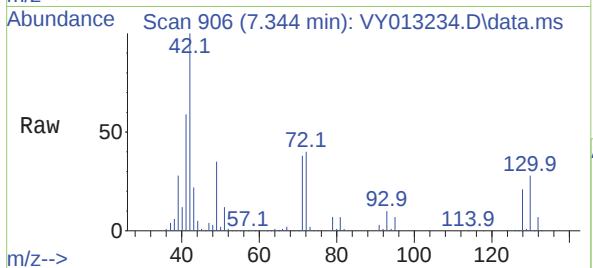




#29
Tetrahydrofuran
Concen: 768.338 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

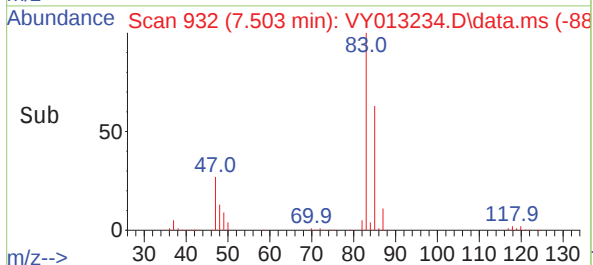
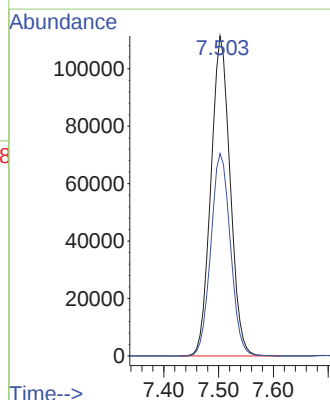
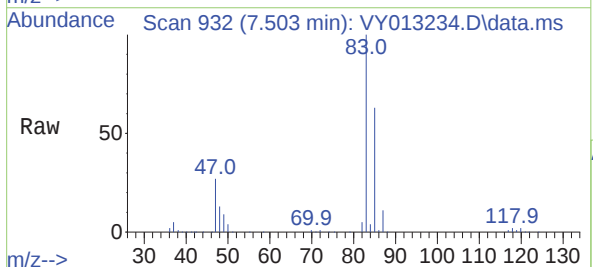
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

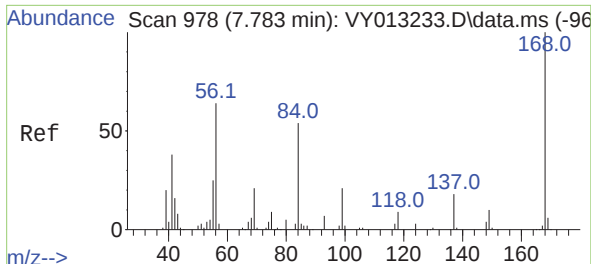
Tgt Ion: 42 Resp: 272108
Ion Ratio Lower Upper
42 100
72 39.4 32.3 48.5
71 37.4 30.3 45.5



#30
Chloroform
Concen: 141.430 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 83 Resp: 271191
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.0

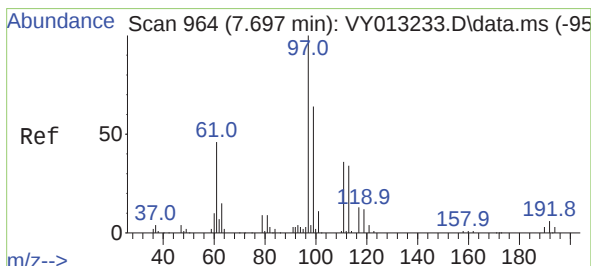
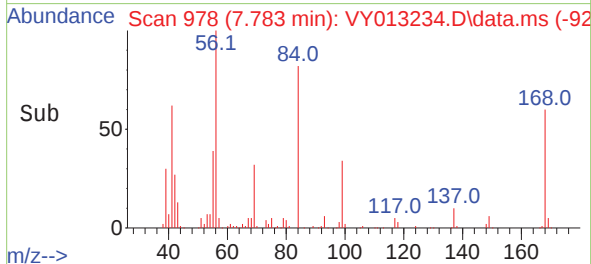
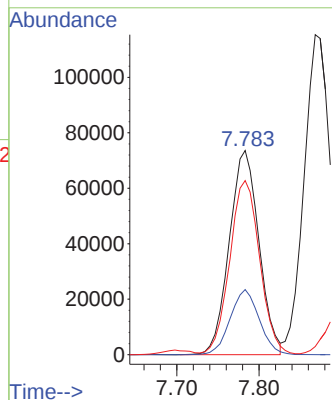
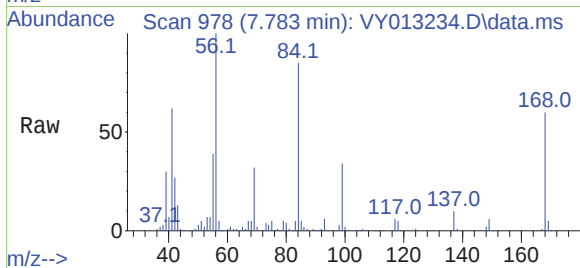




#31
Cyclohexane
Concen: 147.799 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

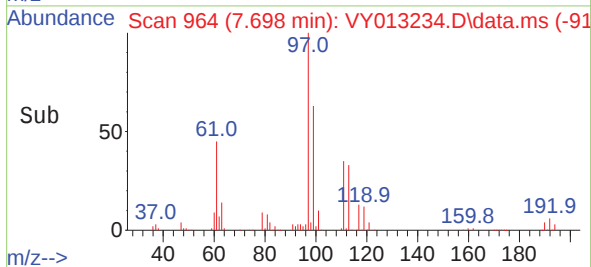
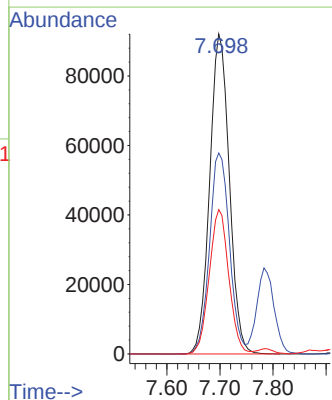
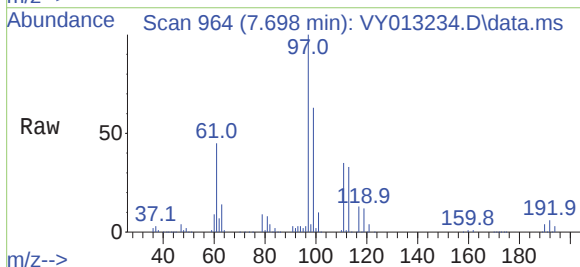
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

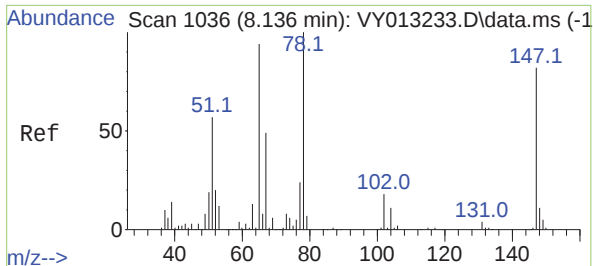
Tgt Ion: 56 Resp: 184687
Ion Ratio Lower Upper
56 100
69 31.9 25.7 38.5
84 83.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 140.725 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 97 Resp: 236431
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 45.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 139.014 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

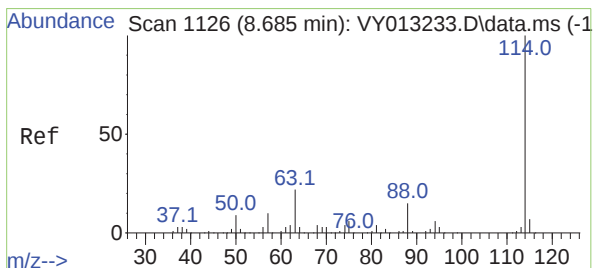
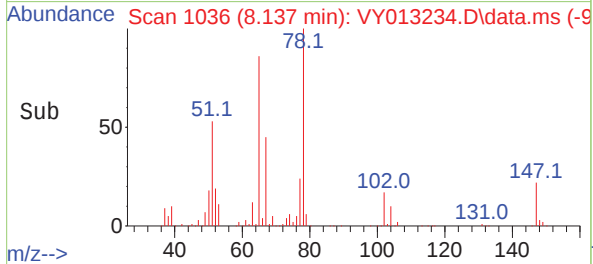
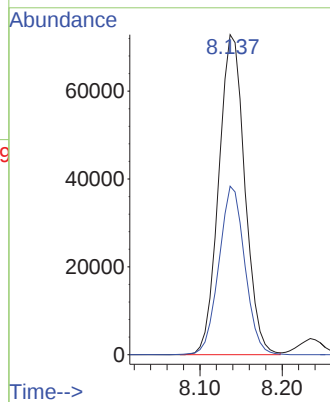
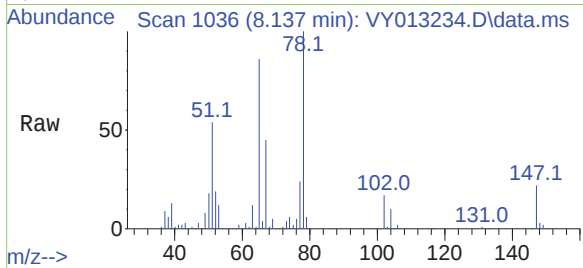
VSTDIC150

Tgt Ion: 65 Resp: 160520

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

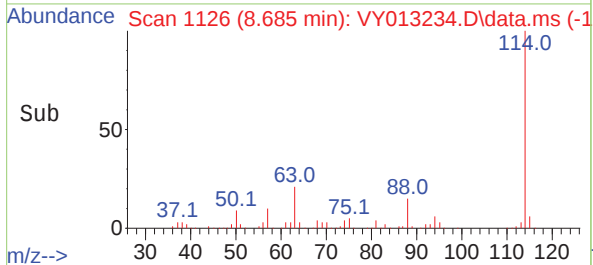
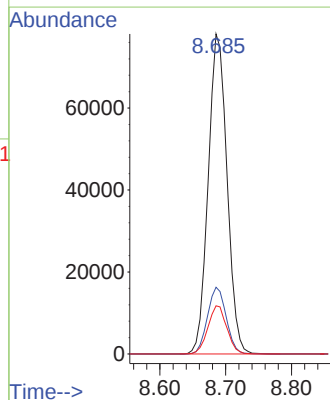
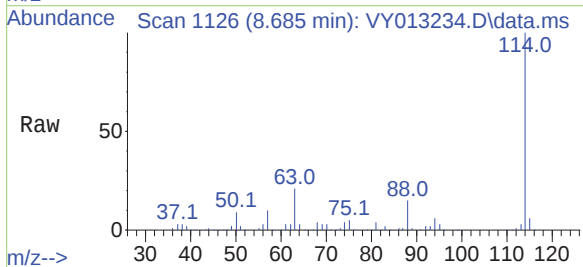
Tgt Ion:114 Resp: 155750

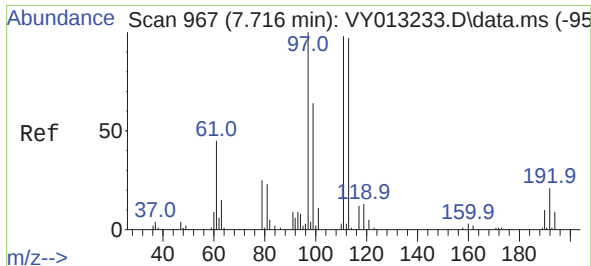
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

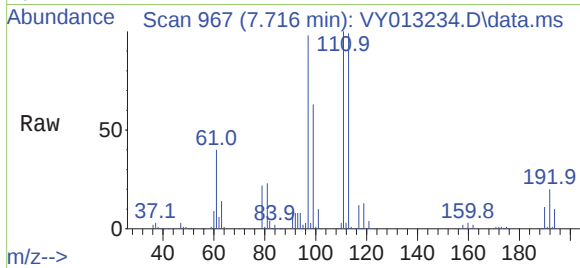
88 15.0 0.0 28.6



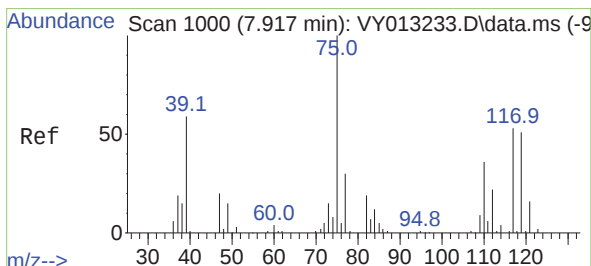
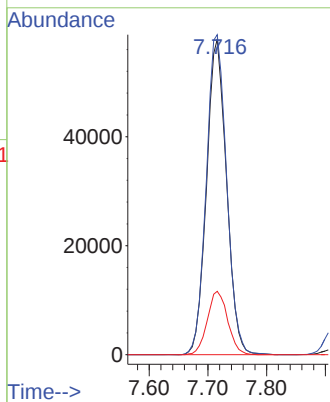
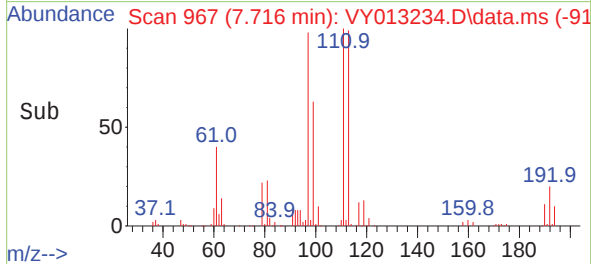


#35
Dibromofluoromethane
Concen: 146.780 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

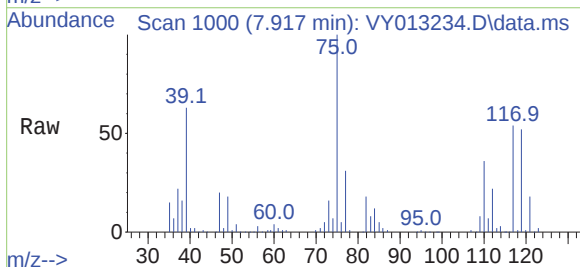
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



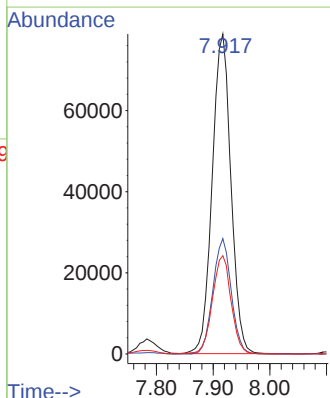
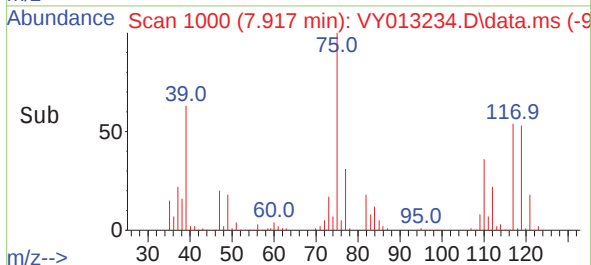
Tgt Ion:113 Resp: 136652
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.5 16.8 25.2

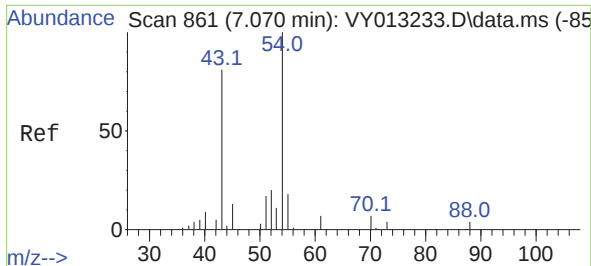


#36
1,1-Dichloropropene
Concen: 141.052 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31



Tgt Ion: 75 Resp: 180603
Ion Ratio Lower Upper
75 100
110 35.3 17.8 53.3
77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 152.726 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

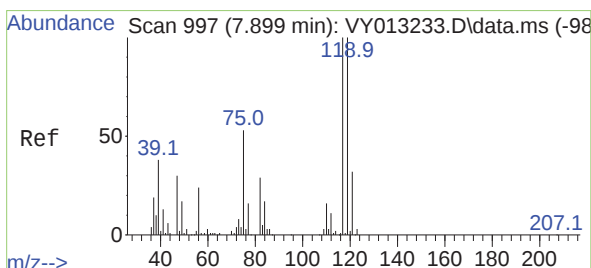
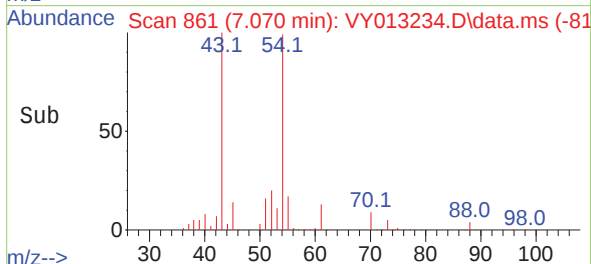
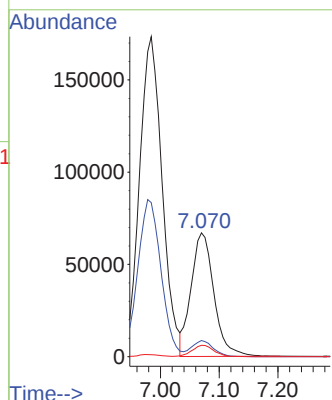
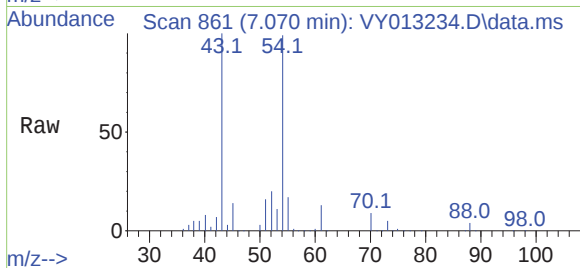
Tgt Ion: 43 Resp: 181013

Ion Ratio Lower Upper

43 100

61 12.3 10.7 16.1

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 141.684 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

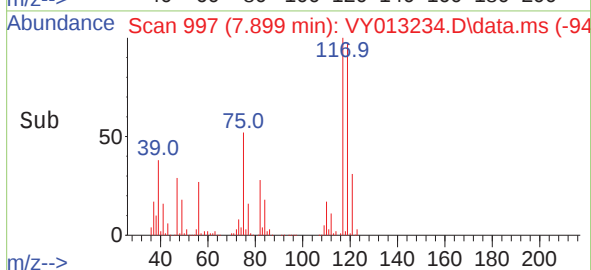
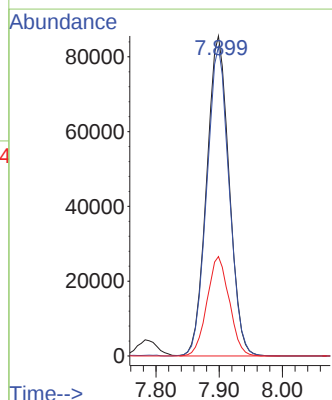
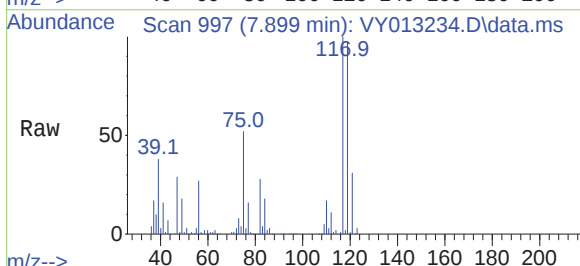
Tgt Ion: 117 Resp: 211227

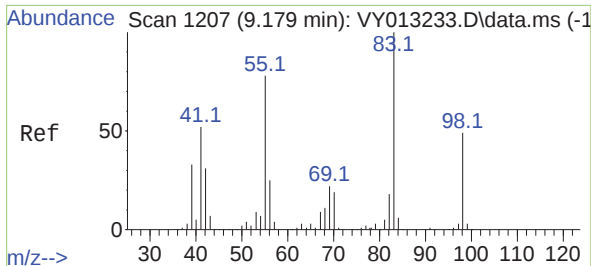
Ion Ratio Lower Upper

117 100

119 96.7 77.2 115.8

121 31.0 24.7 37.1

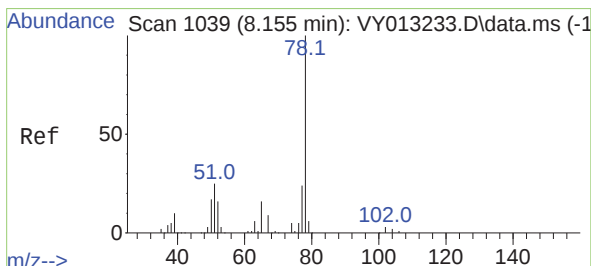
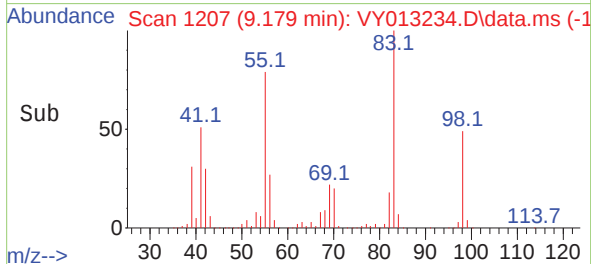
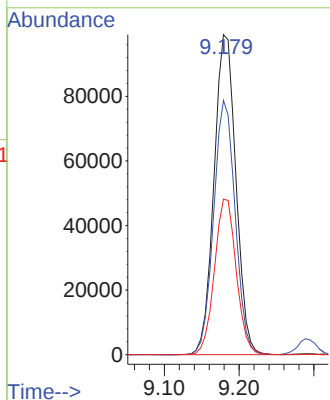
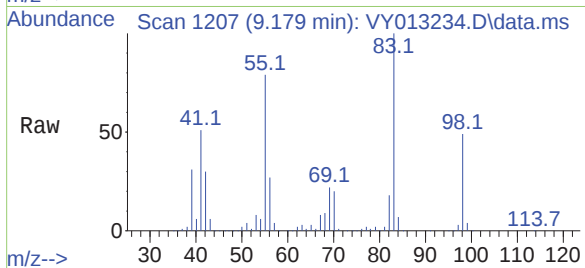




#39
Methylcyclohexane
Concen: 150.211 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

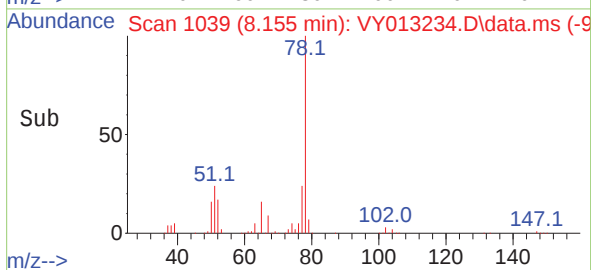
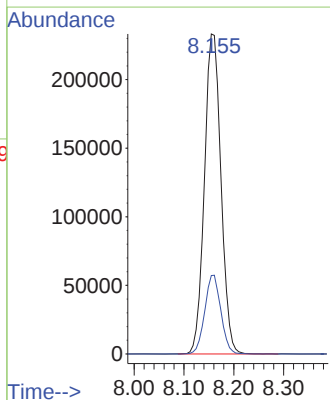
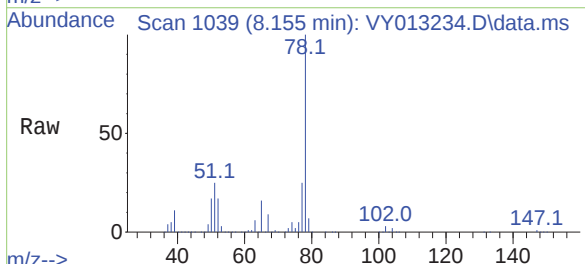
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

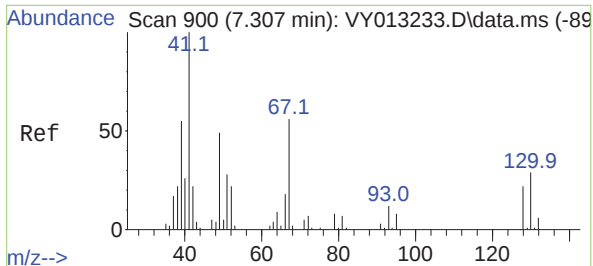
Tgt Ion: 83 Resp: 202113
Ion Ratio Lower Upper
83 100
55 79.5 60.0 90.0
98 48.6 38.3 57.5



#40
Benzene
Concen: 142.351 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 78 Resp: 536929
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

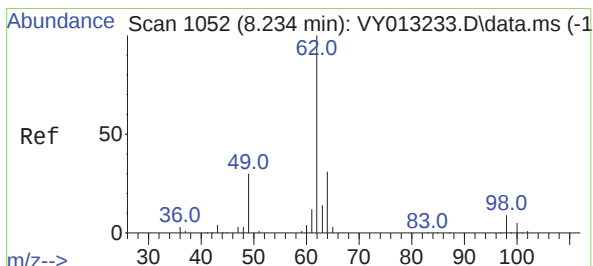
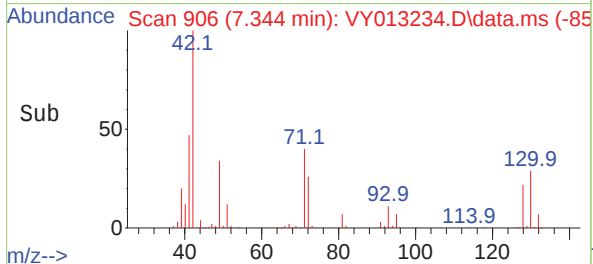
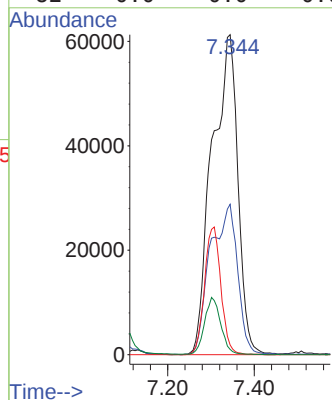
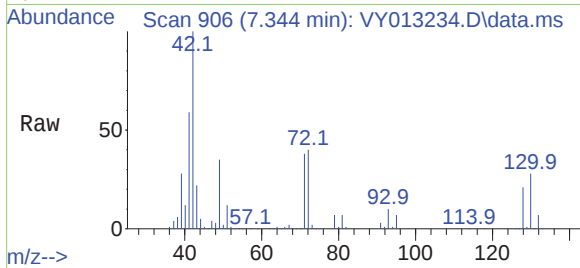




#41
Methacrylonitrile
Concen: 410.284 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

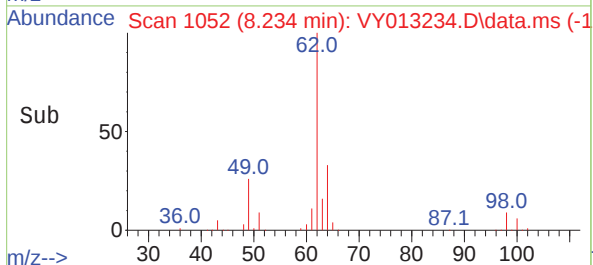
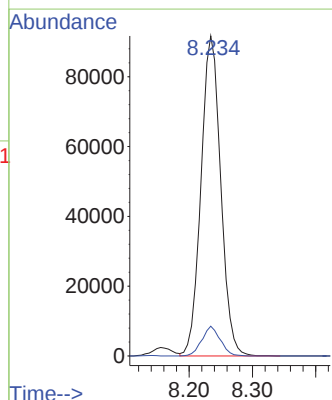
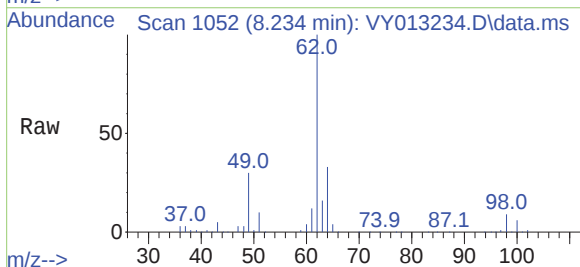
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

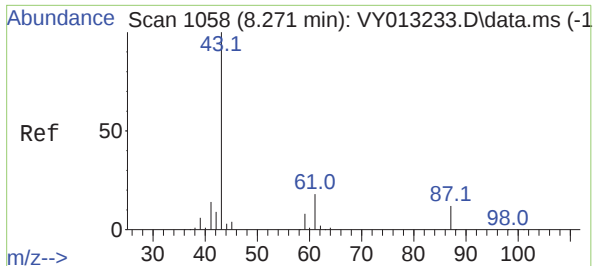
Tgt Ion: 41 Resp: 253576
Ion Ratio Lower Upper
41 100
39 49.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 143.605 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 62 Resp: 198987
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.8





#43

Isopropyl Acetate

Concen: 157.998 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

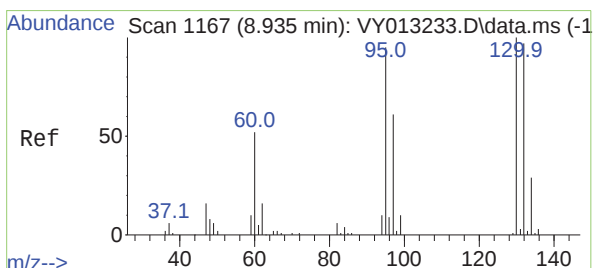
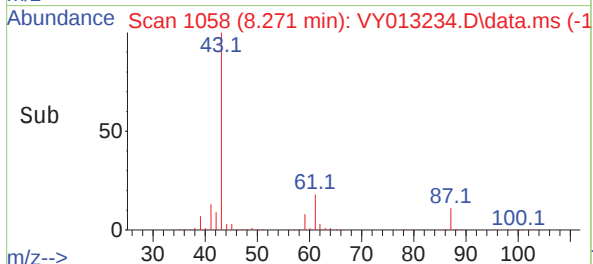
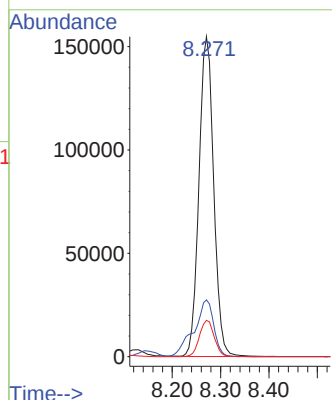
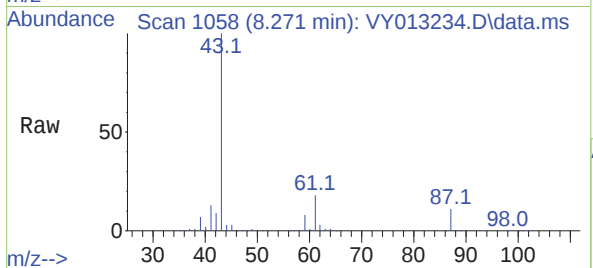
Tgt Ion: 43 Resp: 327121

Ion Ratio Lower Upper

43 100

61 24.0 21.6 32.4

87 11.5 9.9 14.9



#44

Trichloroethene

Concen: 144.222 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013234.D

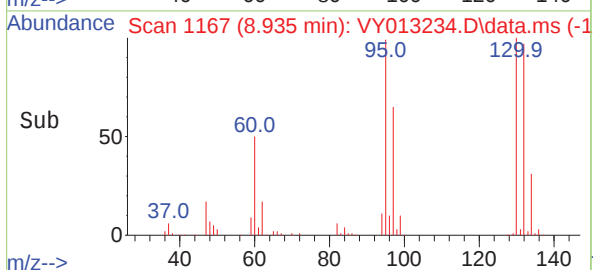
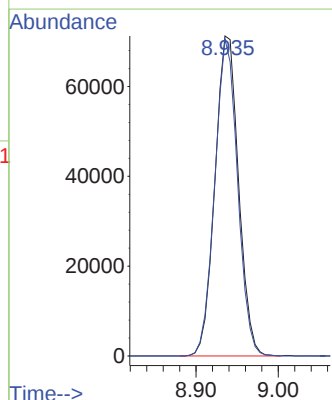
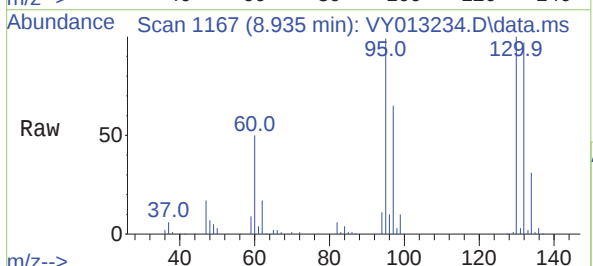
Acq: 10 Apr 2023 18:31

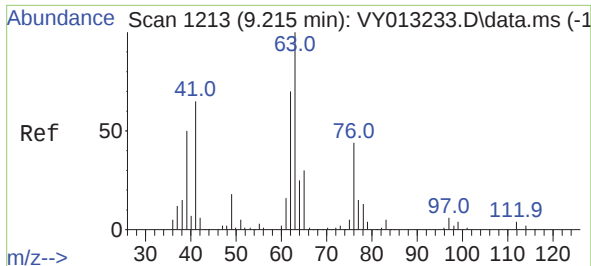
Tgt Ion:130 Resp: 141979

Ion Ratio Lower Upper

130 100

95 99.0 0.0 185.0





#45

1,2-Dichloropropane

Concen: 145.672 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

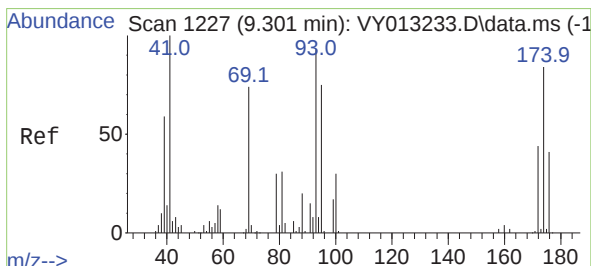
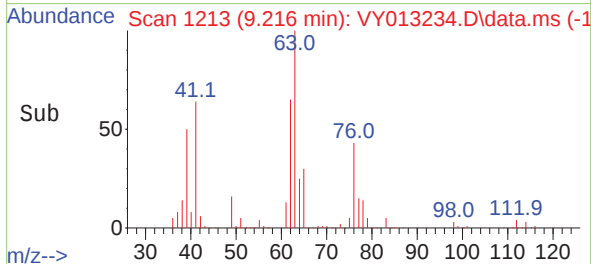
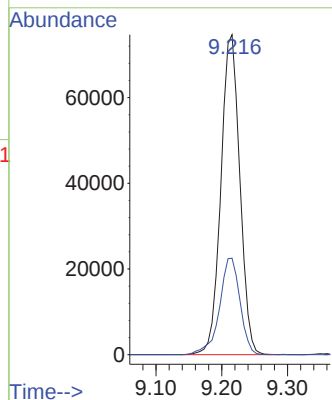
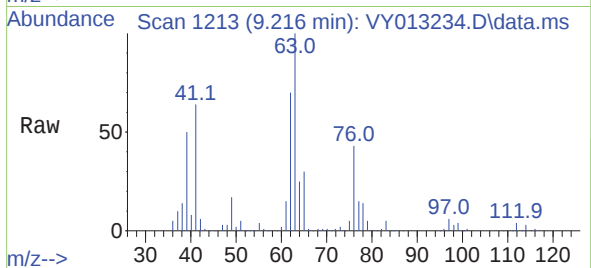
VSTDIC150

Tgt Ion: 63 Resp: 149629

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#46

Dibromomethane

Concen: 147.055 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

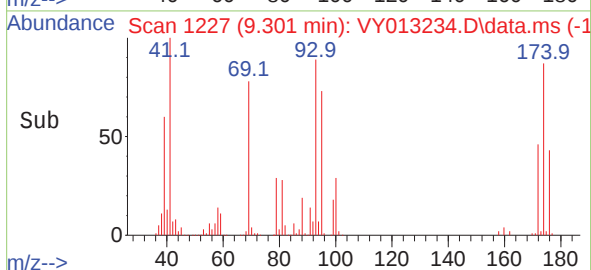
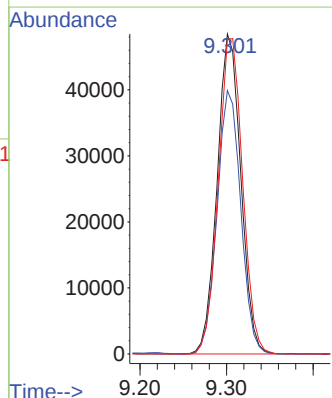
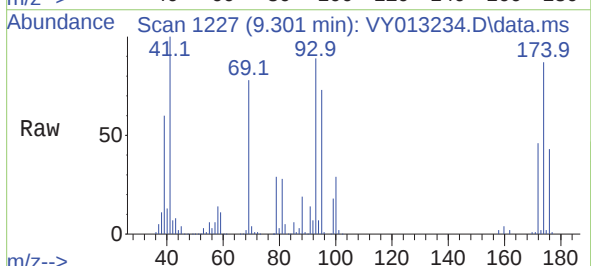
Tgt Ion: 93 Resp: 91938

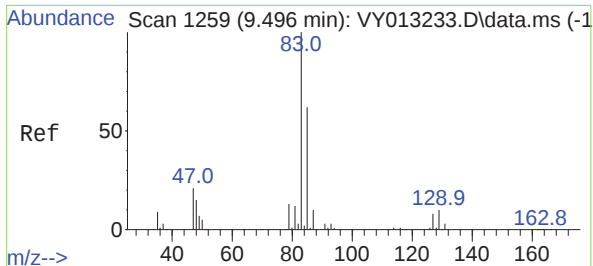
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 101.4 81.3 121.9





#47

Bromodichloromethane

Concen: 144.646 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

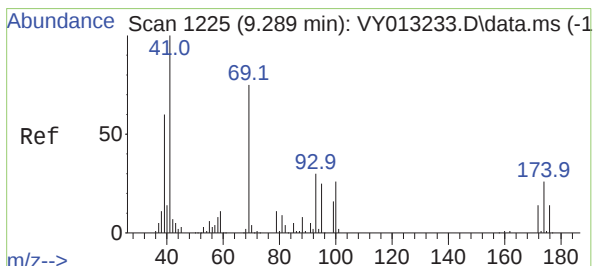
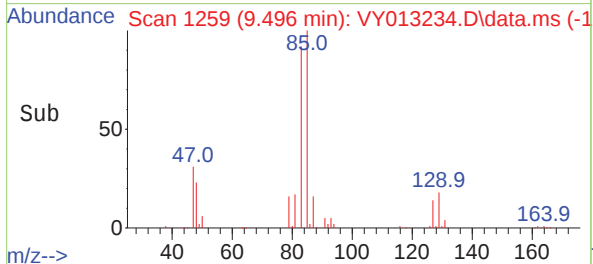
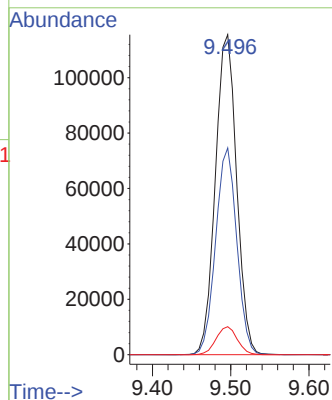
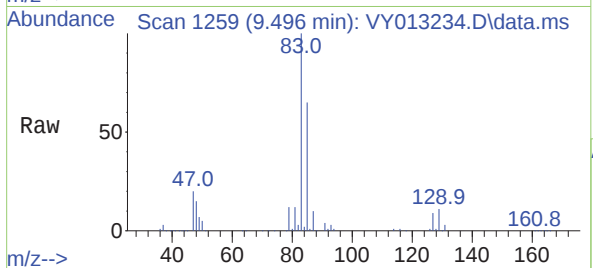
Tgt Ion: 83 Resp: 218360

Ion Ratio Lower Upper

83 100

85 64.6 50.2 75.4

127 8.8 6.3 9.5



#48

Methyl methacrylate

Concen: 161.402 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

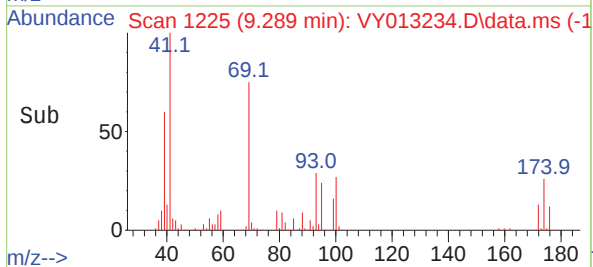
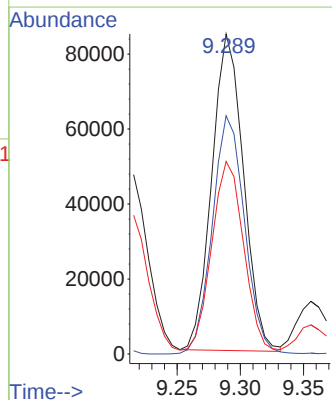
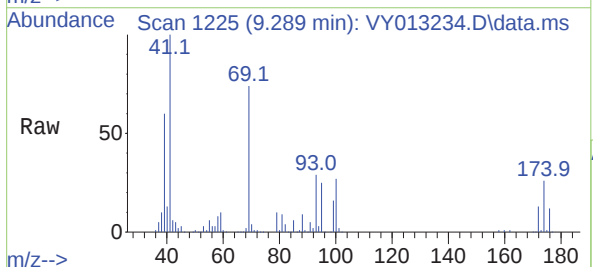
Tgt Ion: 41 Resp: 146739

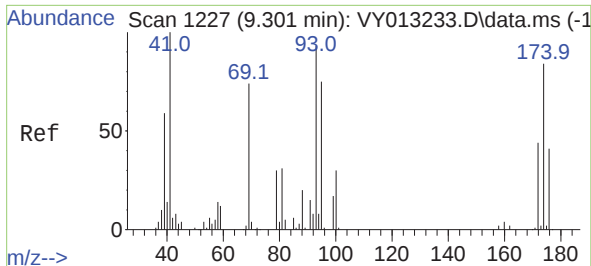
Ion Ratio Lower Upper

41 100

69 77.2 64.1 96.1

39 62.8 44.0 66.0





#49

1,4-Dioxane

Concen: 3567.501 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

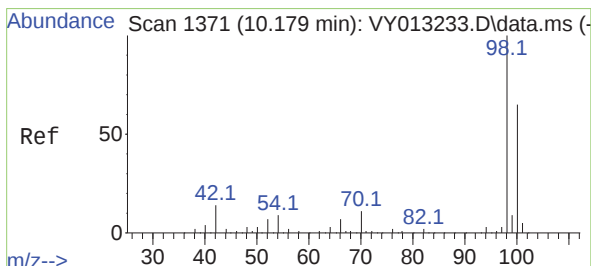
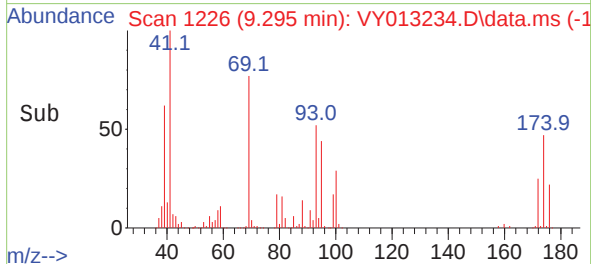
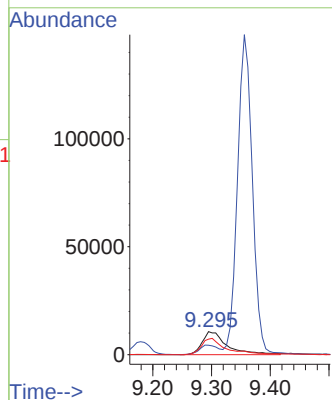
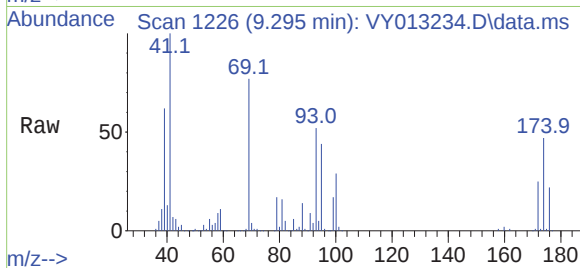
Tgt Ion: 88 Resp: 31726

Ion Ratio Lower Upper

88 100

43 32.4 28.6 42.8

58 73.2 55.2 82.8



#50

Toluene-d8

Concen: 148.981 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013234.D

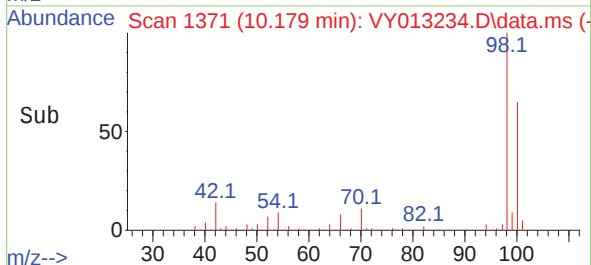
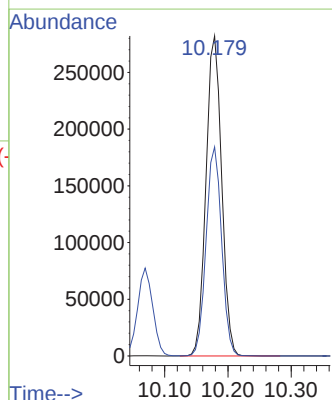
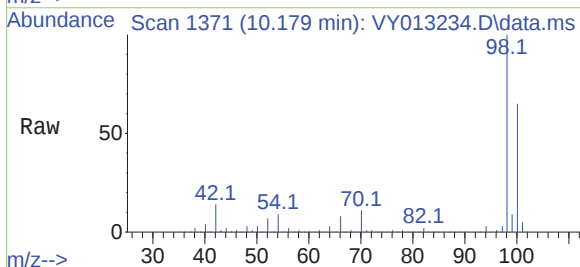
Acq: 10 Apr 2023 18:31

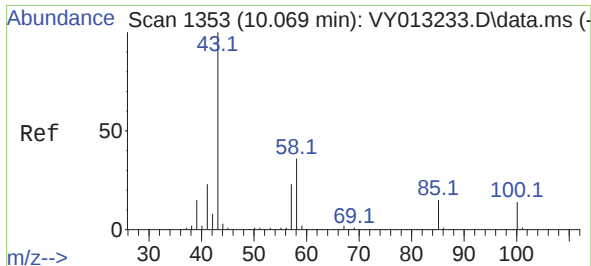
Tgt Ion: 98 Resp: 485611

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 800.902 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

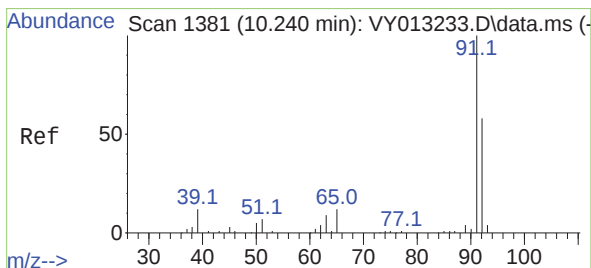
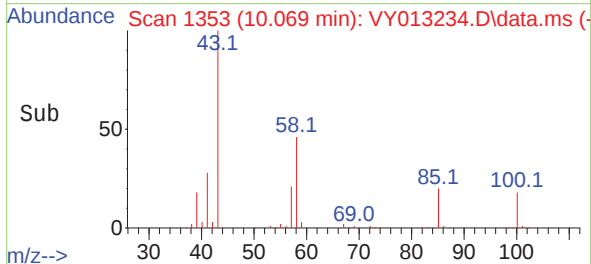
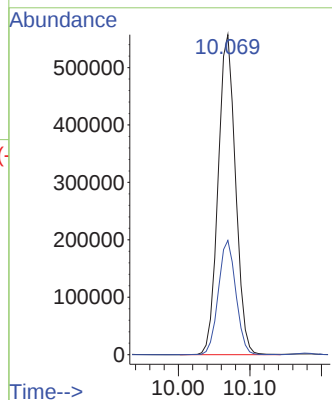
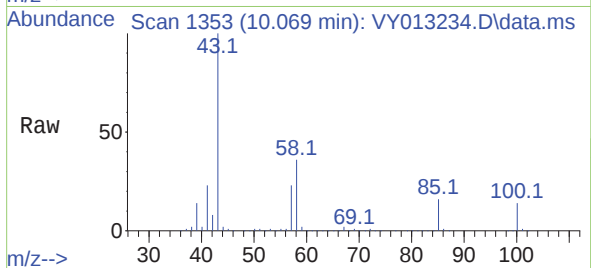
VSTDICC150

Tgt Ion: 43 Resp: 940326

Ion Ratio Lower Upper

43 100

58 35.9 29.8 44.6



#52

Toluene

Concen: 146.404 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY013234.D

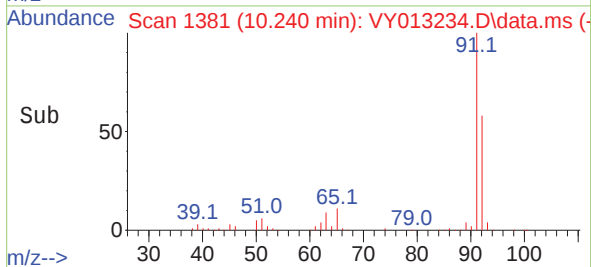
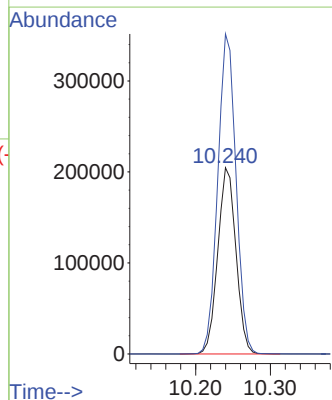
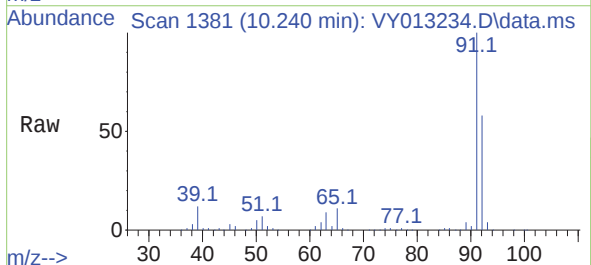
Acq: 10 Apr 2023 18:31

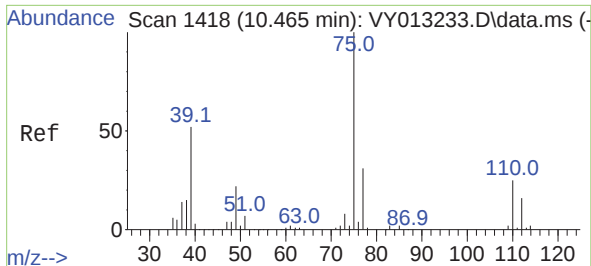
Tgt Ion: 92 Resp: 346263

Ion Ratio Lower Upper

92 100

91 172.6 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 153.053 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

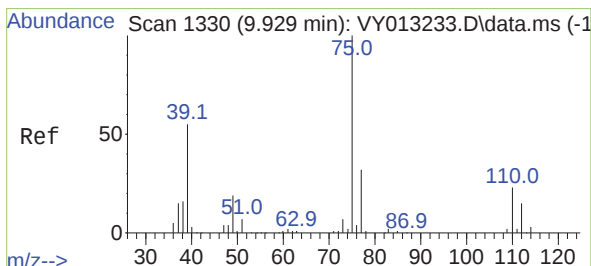
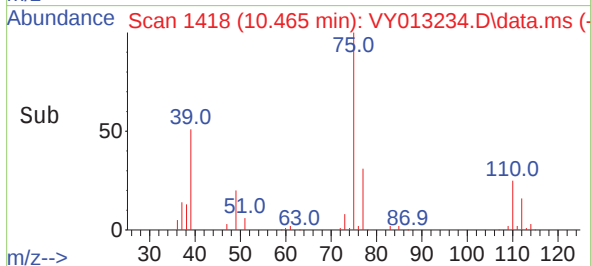
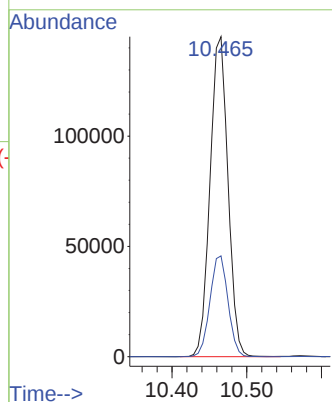
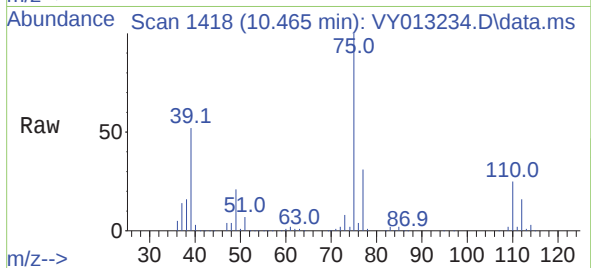
VSTDIC150

Tgt Ion: 75 Resp: 242106

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 149.122 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

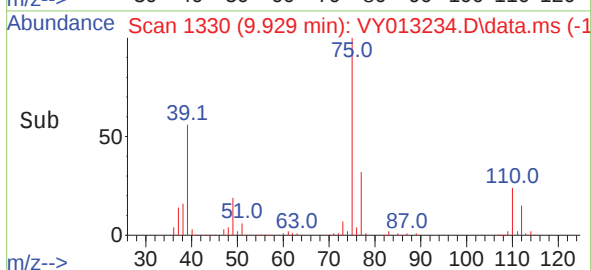
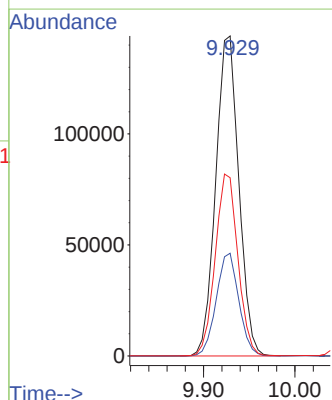
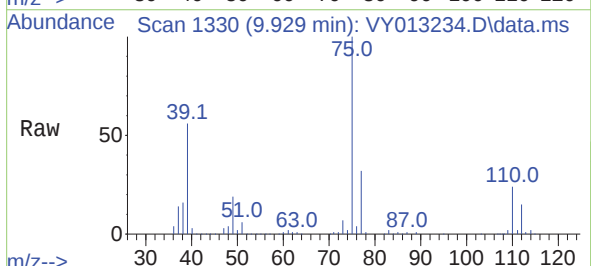
Tgt Ion: 75 Resp: 252969

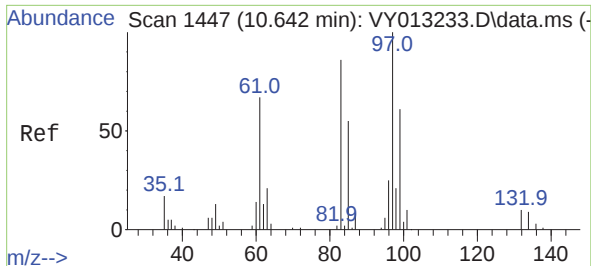
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 55.6 39.0 58.4



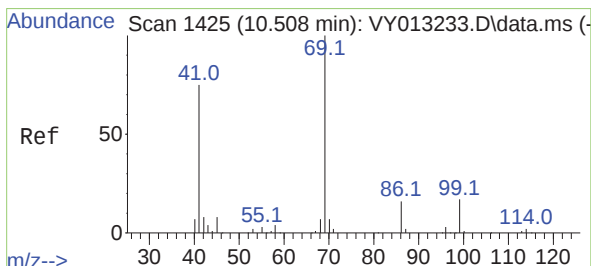
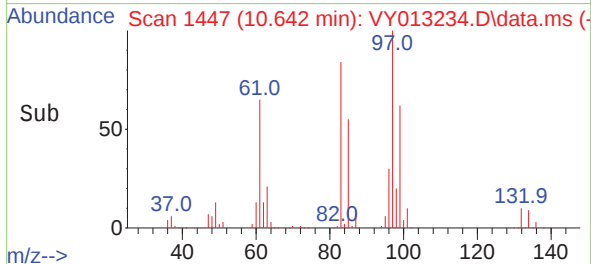
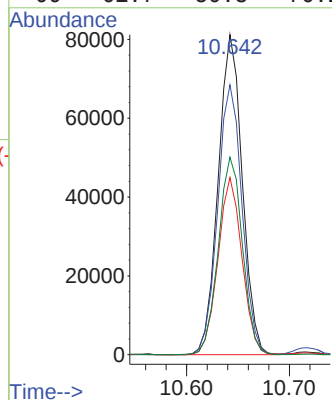
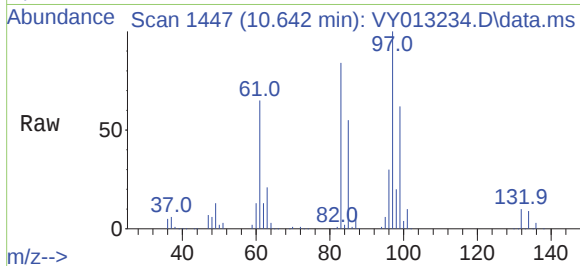


#55
1,1,2-Trichloroethane
Concen: 149.338 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 132047

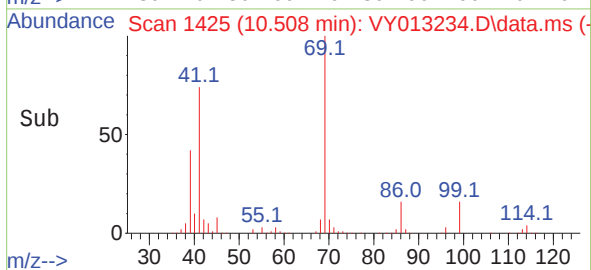
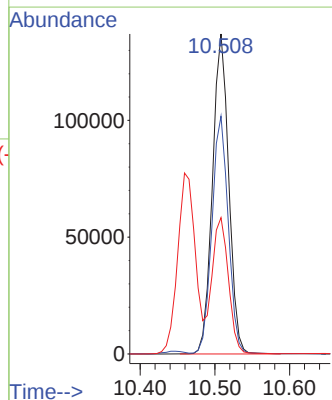
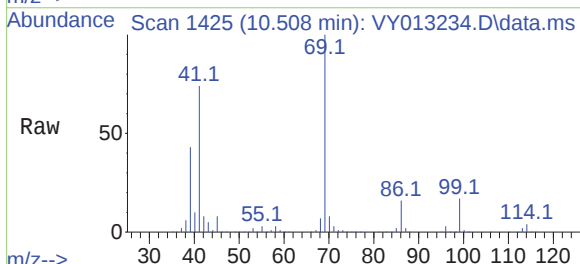
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.0	103.6
85	55.3	44.9	67.3
99	61.7	50.8	76.2

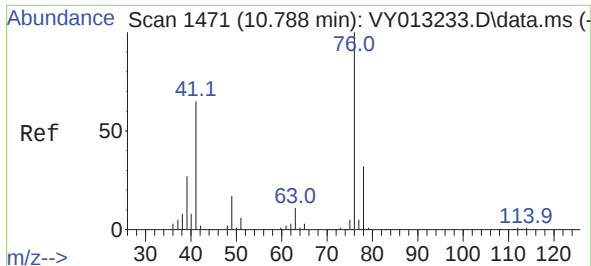


#56
Ethyl methacrylate
Concen: 167.656 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 69 Resp: 207128

Ion	Ratio	Lower	Upper
69	100		
41	74.4	56.4	84.6
39	43.4	30.8	46.2

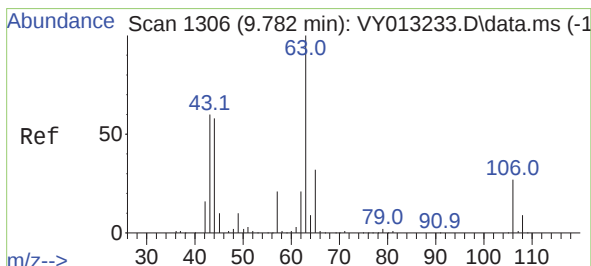
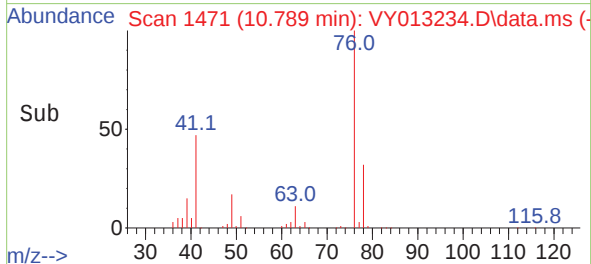
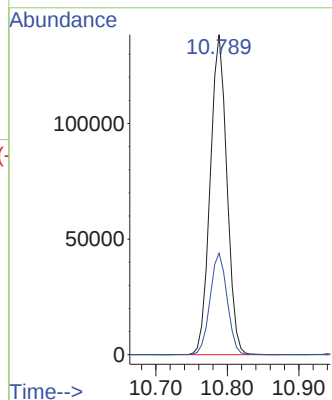
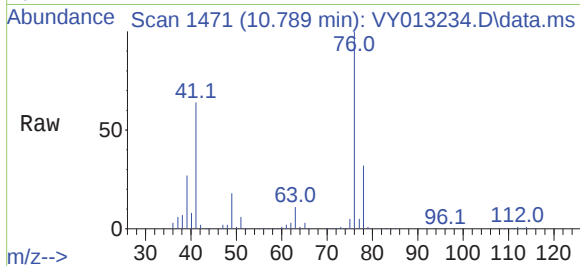




#57
1,3-Dichloropropane
Concen: 150.095 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.001 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

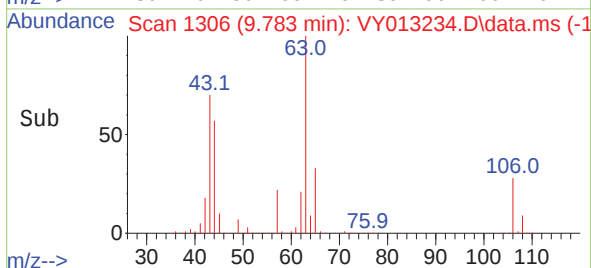
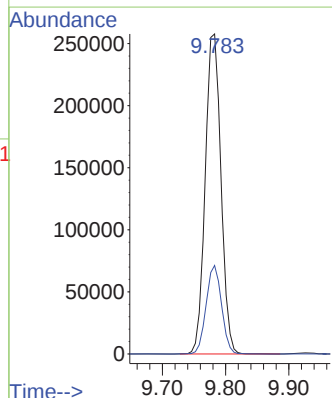
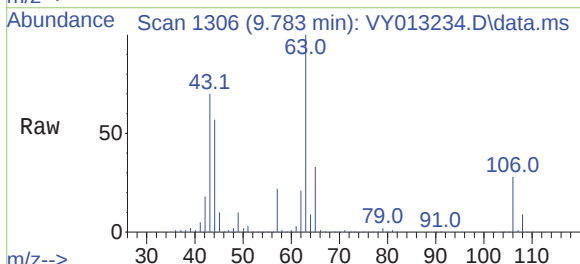
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

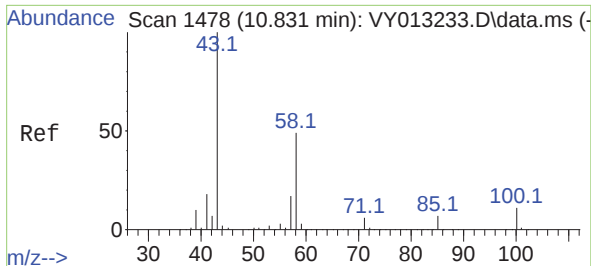
Tgt Ion: 76 Resp: 223848
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 796.229 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 63 Resp: 446157
Ion Ratio Lower Upper
63 100
106 27.0 22.1 33.1





#59

2-Hexanone

Concen: 810.869 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

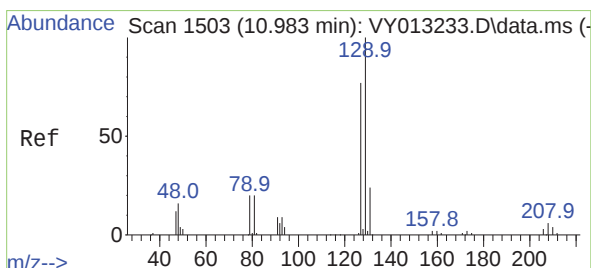
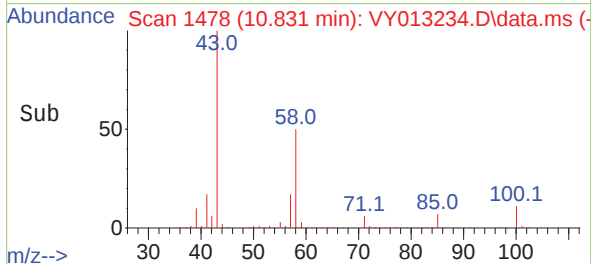
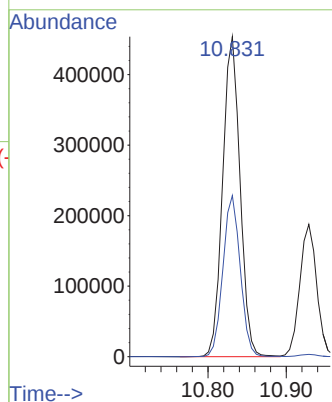
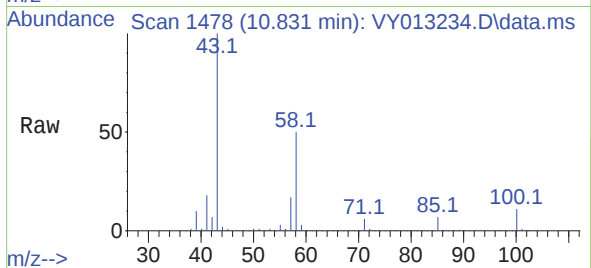
VSTDIC150

Tgt Ion: 43 Resp: 702088

Ion Ratio Lower Upper

43 100

58 50.1 25.9 77.8



#60

Dibromochloromethane

Concen: 151.425 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.001 min

Lab File: VY013234.D

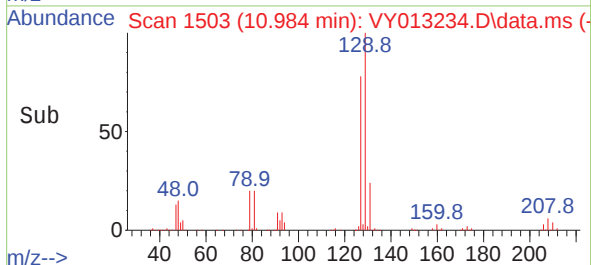
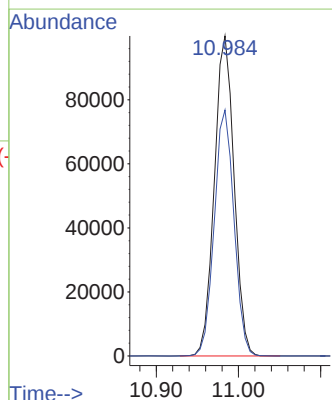
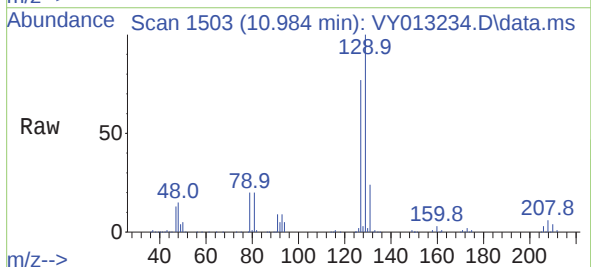
Acq: 10 Apr 2023 18:31

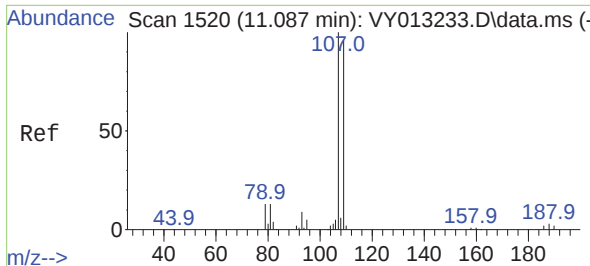
Tgt Ion: 129 Resp: 166610

Ion Ratio Lower Upper

129 100

127 76.8 38.7 116.1

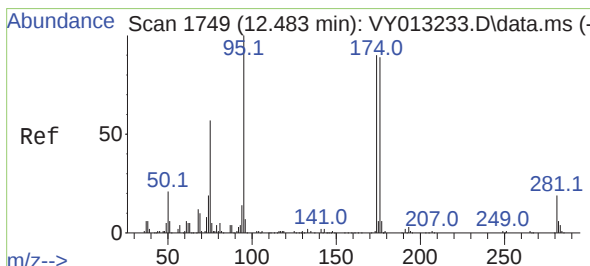
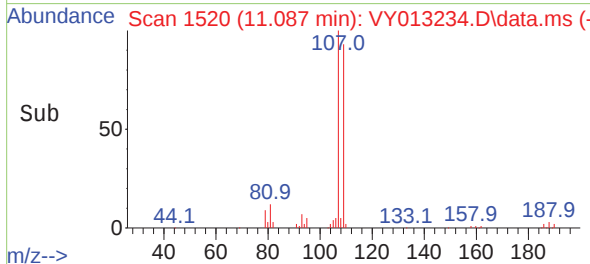
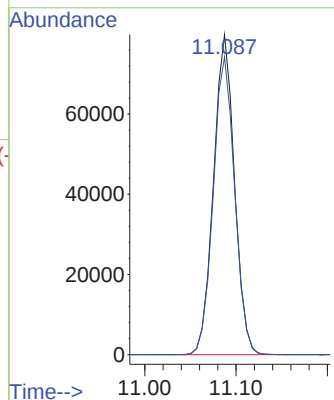
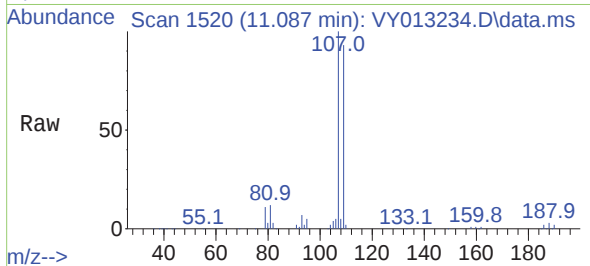




#61
1,2-Dibromoethane
Concen: 150.377 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

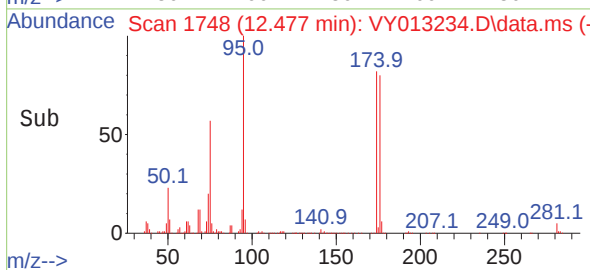
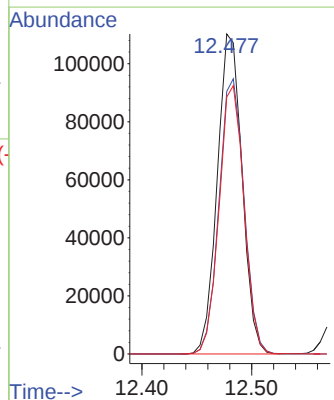
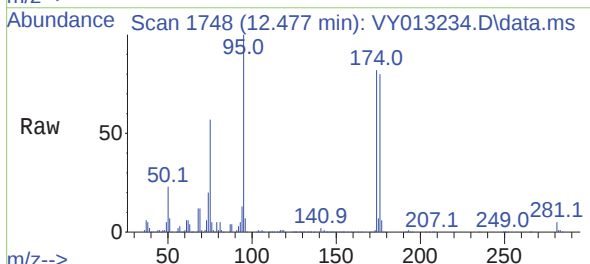
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

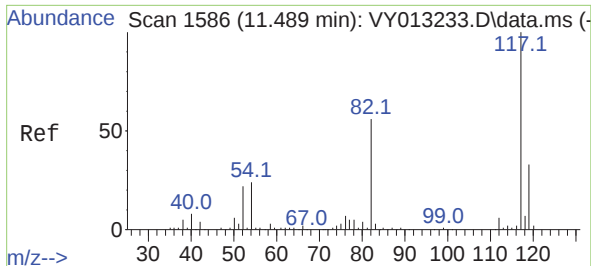
Tgt Ion:107 Resp: 126924
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 148.871 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 95 Resp: 173281
Ion Ratio Lower Upper
95 100
174 86.9 0.0 176.6
176 84.2 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: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

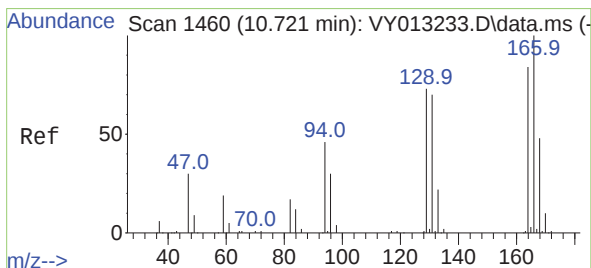
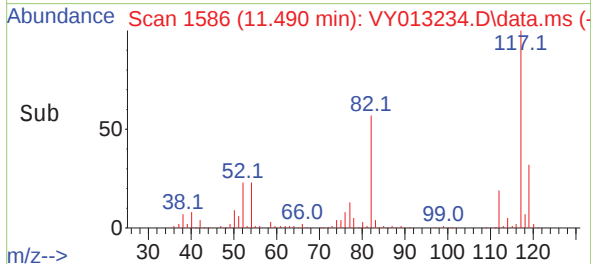
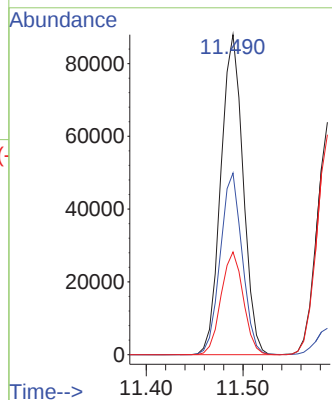
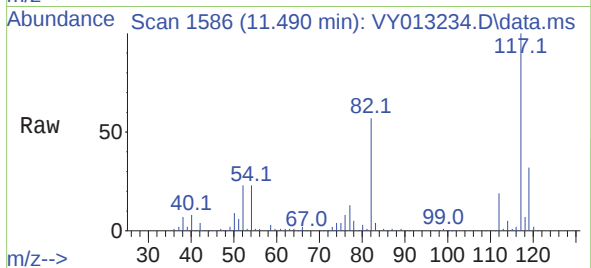
Tgt Ion:117 Resp: 140296

Ion Ratio Lower Upper

117 100

82 56.8 45.4 68.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 144.962 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Tgt Ion:164 Resp: 125567

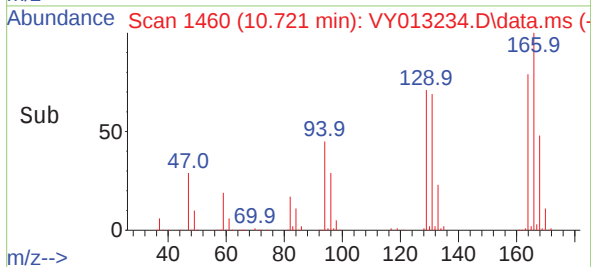
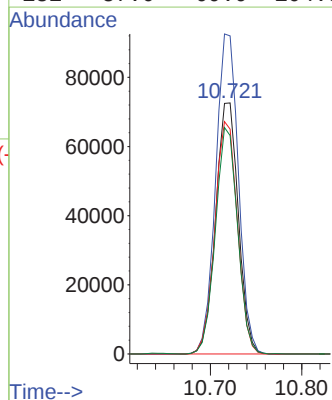
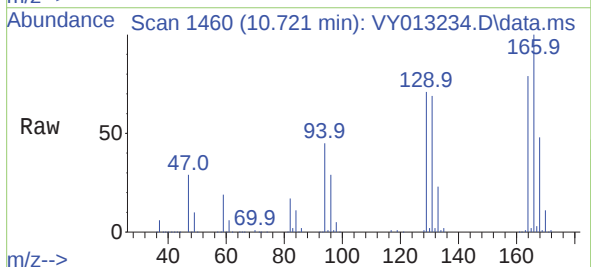
Ion Ratio Lower Upper

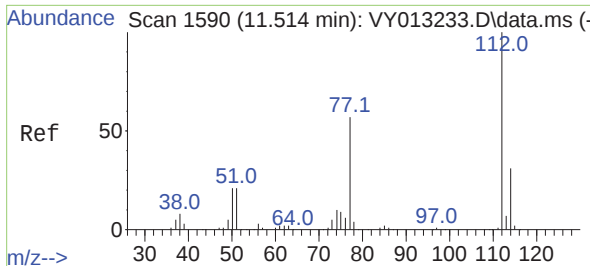
164 100

166 126.7 103.4 155.2

129 89.5 71.4 107.2

131 87.0 69.9 104.9





#65

Chlorobenzene

Concen: 144.498 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

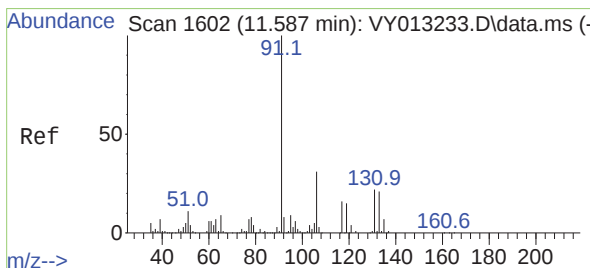
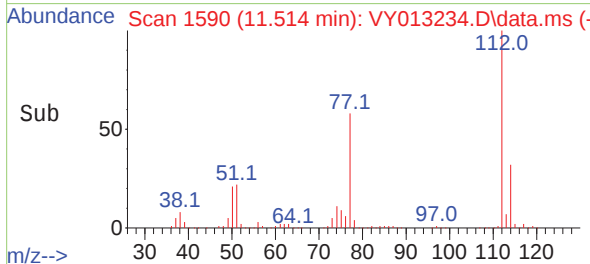
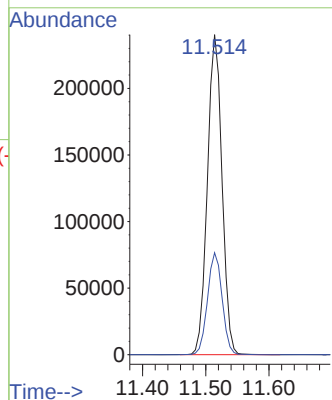
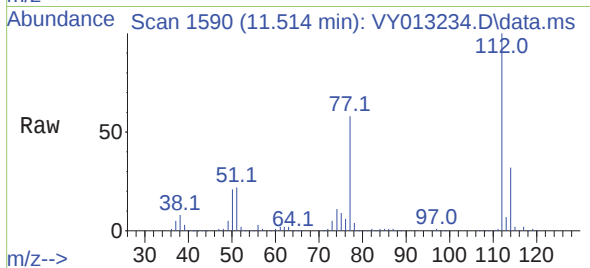
VSTDIC150

Tgt Ion:112 Resp: 386344

Ion Ratio Lower Upper

112 100

114 31.8 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 146.045 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

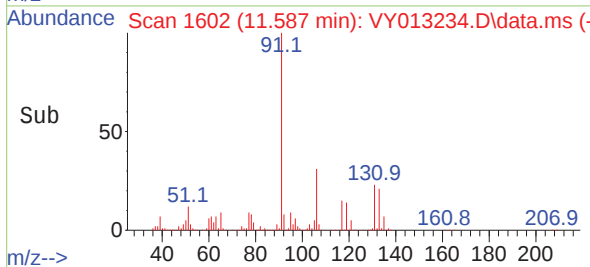
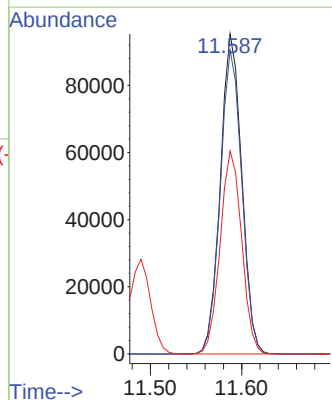
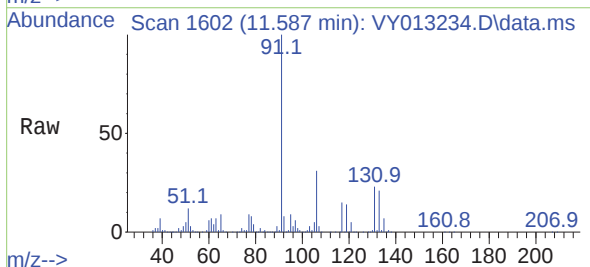
Tgt Ion:131 Resp: 155301

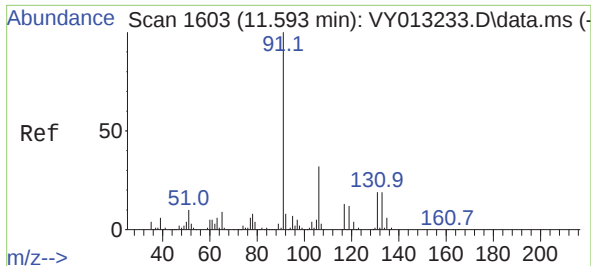
Ion Ratio Lower Upper

131 100

133 95.1 48.0 144.0

119 63.8 32.6 98.0





#67

Ethyl Benzene

Concen: 148.908 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

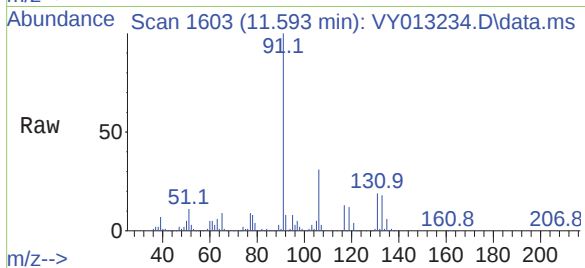
VSTDIC150

Tgt Ion: 91 Resp: 691066

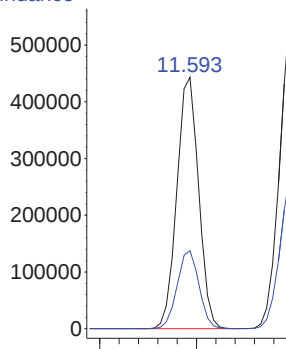
Ion Ratio Lower Upper

91 100

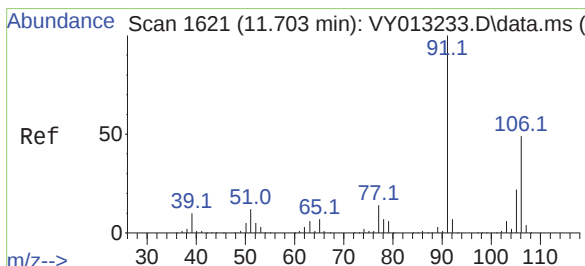
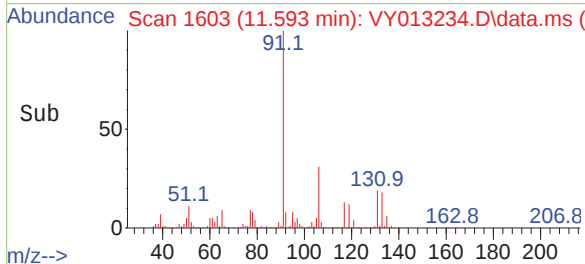
106 31.0 25.1 37.7



Abundance



Time-->



#68

m/p-Xylenes

Concen: 297.324 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013234.D

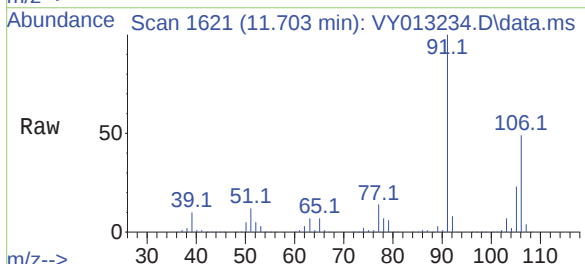
Acq: 10 Apr 2023 18:31

Tgt Ion:106 Resp: 525043

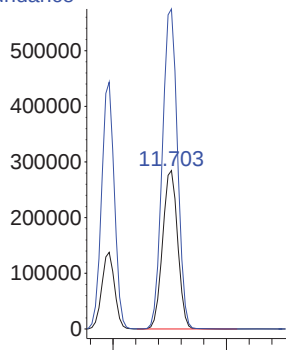
Ion Ratio Lower Upper

106 100

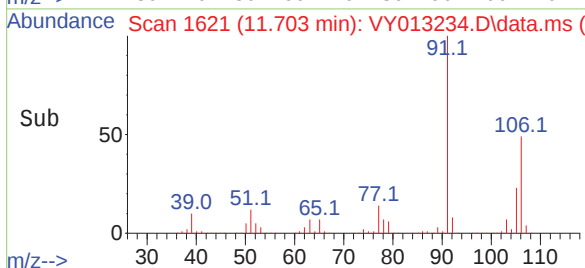
91 202.5 159.8 239.8

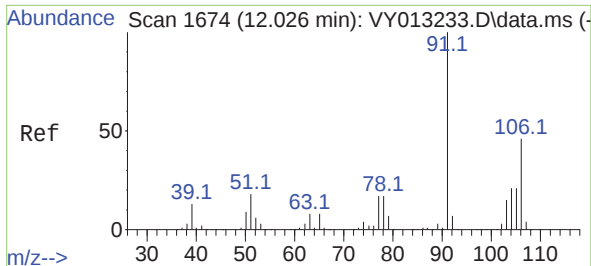


Abundance



Time-->





#69

o-Xylene

Concen: 150.428 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

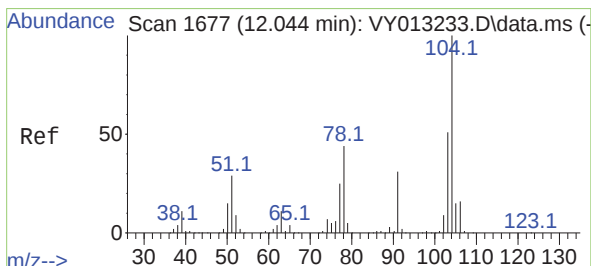
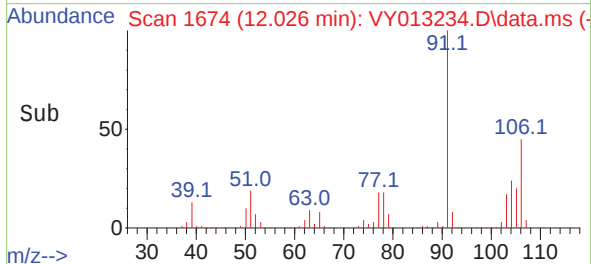
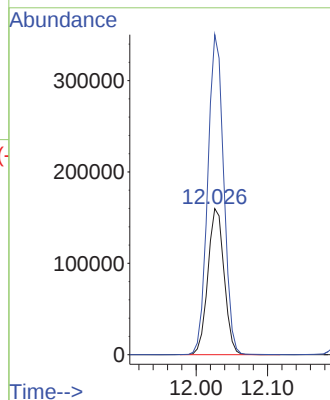
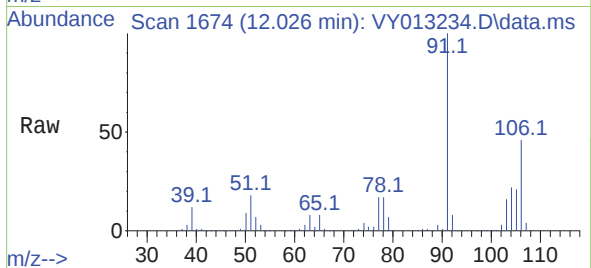
VSTDICC150

Tgt Ion:106 Resp: 252496

Ion Ratio Lower Upper

106 100

91 214.8 107.2 321.6



#70

Styrene

Concen: 153.901 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

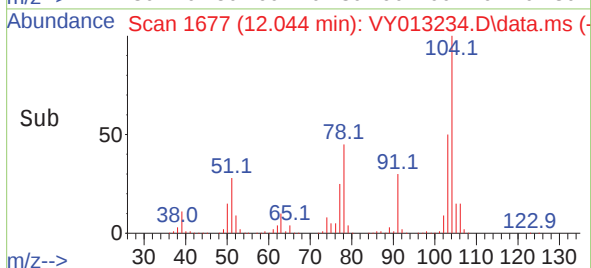
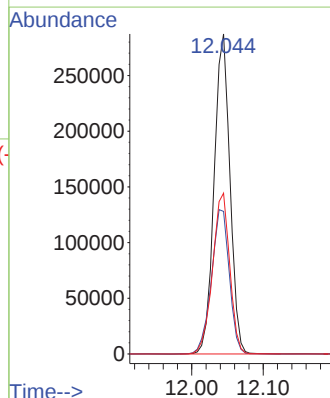
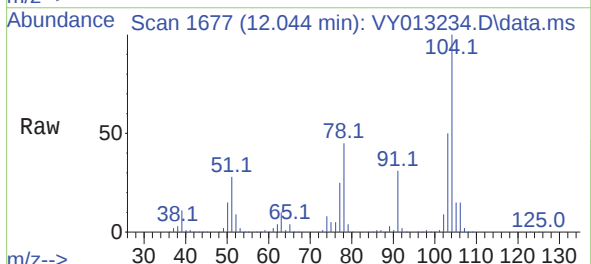
Tgt Ion:104 Resp: 440531

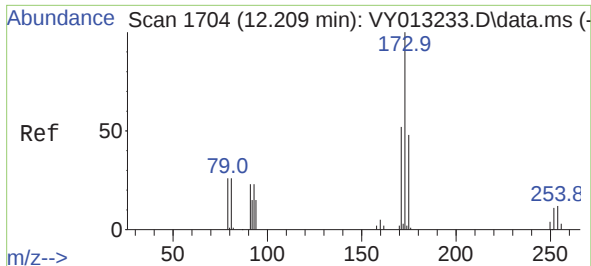
Ion Ratio Lower Upper

104 100

78 51.1 39.2 58.8

103 54.7 43.7 65.5

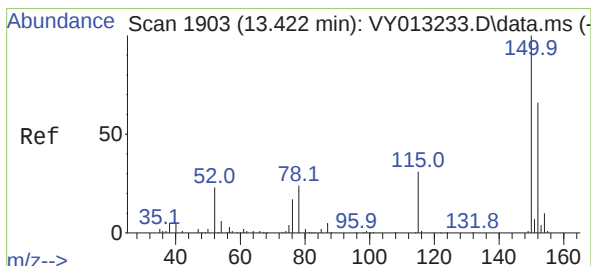
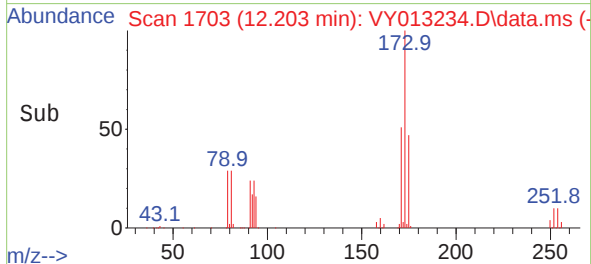
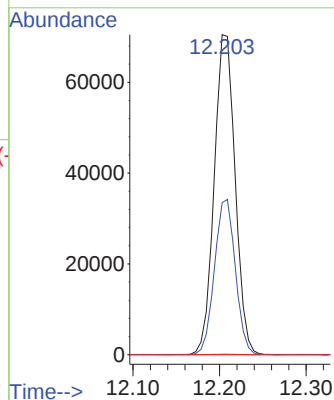
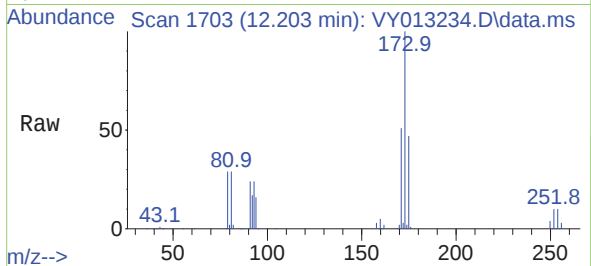




#71
Bromoform
Concen: 155.242 ug/l
RT: 12.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

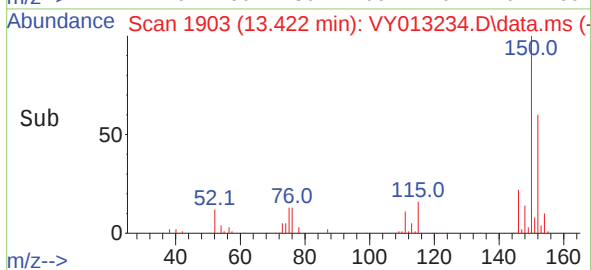
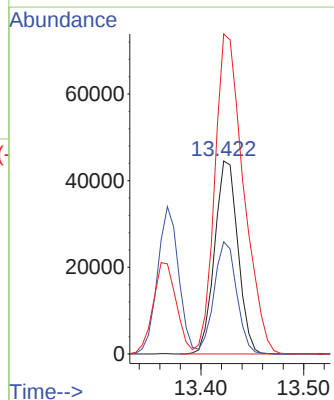
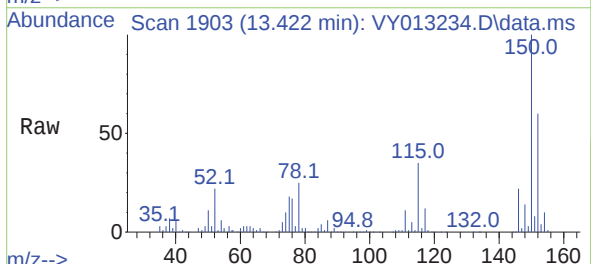
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

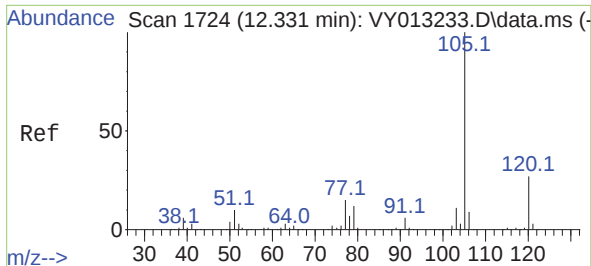
Tgt Ion:173 Resp: 118465
Ion Ratio Lower Upper
173 100
175 48.3 25.0 75.0
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion:152 Resp: 70050
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 204.7 0.0 347.8

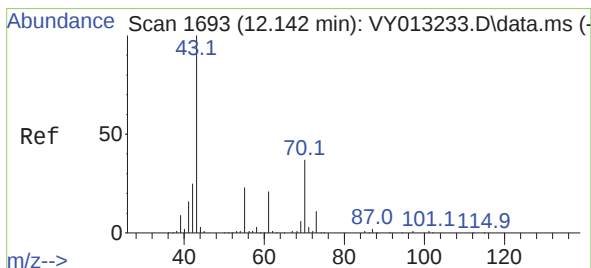
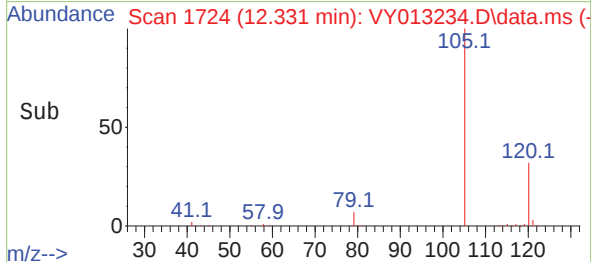
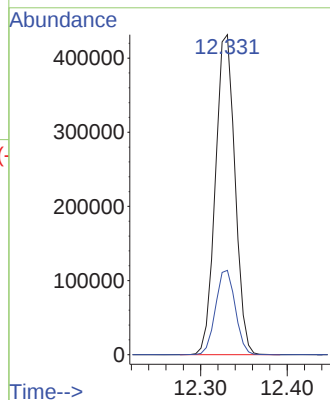
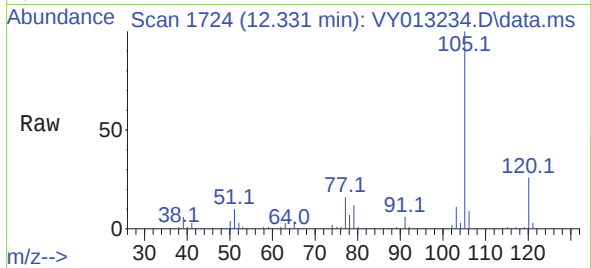




#73
Isopropylbenzene
Concen: 153.977 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

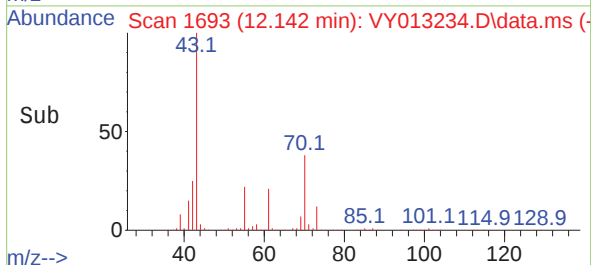
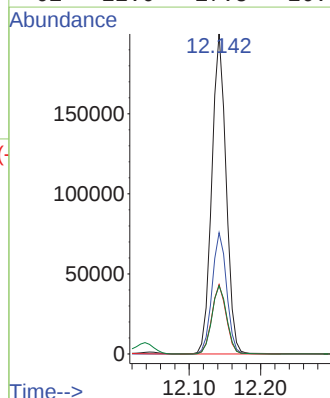
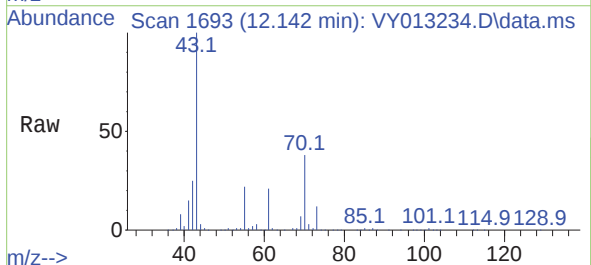
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

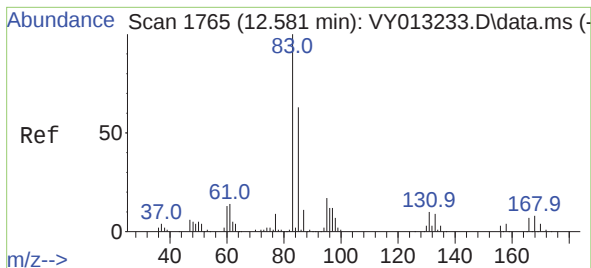
Tgt Ion:105 Resp: 677059
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 165.080 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 43 Resp: 277656
Ion Ratio Lower Upper
43 100
70 38.5 31.6 47.4
55 21.9 18.8 28.2
61 22.0 17.8 26.8

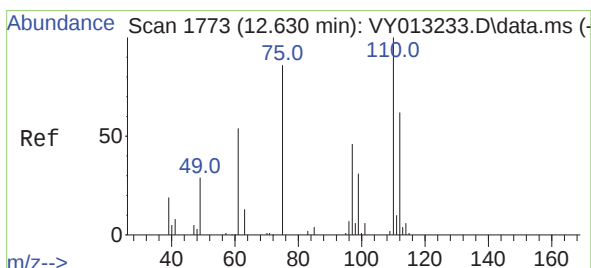
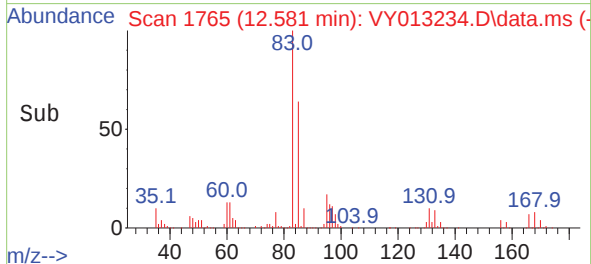
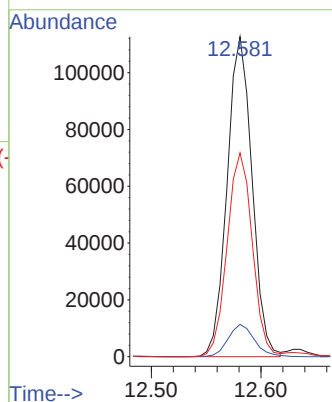
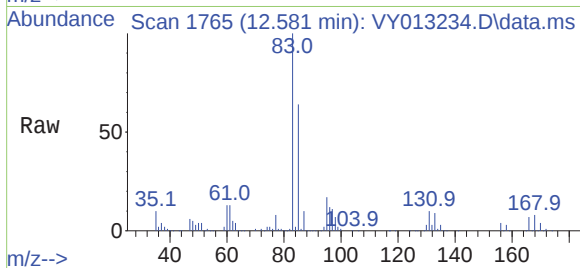




#75
 1,1,2,2-Tetrachloroethane
 Concen: 151.425 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013234.D
 Acq: 10 Apr 2023 18:31

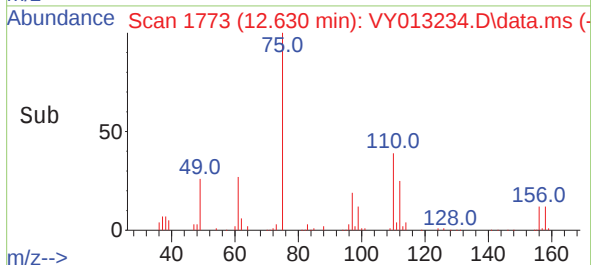
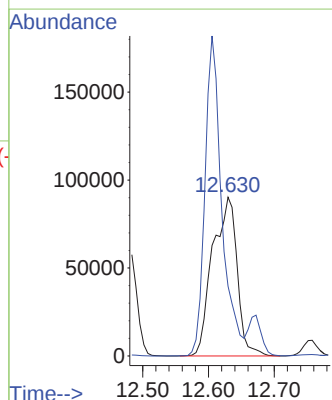
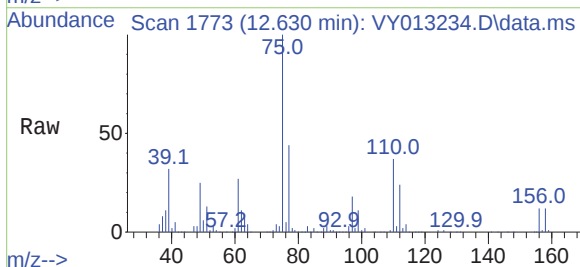
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

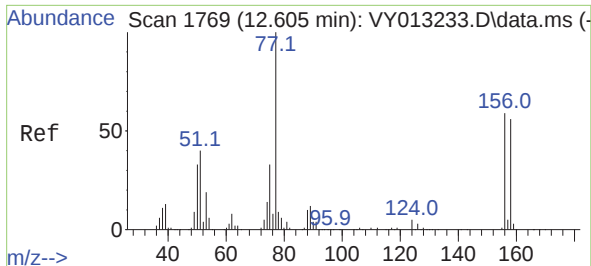
Tgt Ion: 83 Resp: 177983
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.1 15.2
 85 64.4 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 266.716 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY013234.D
 Acq: 10 Apr 2023 18:31

Tgt Ion: 75 Resp: 235570
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

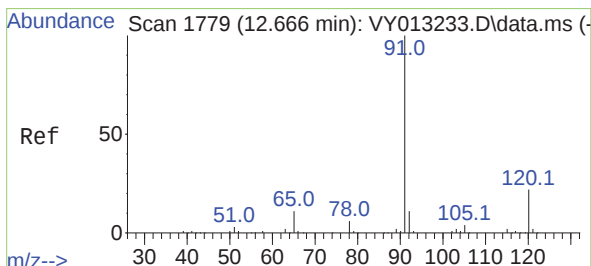
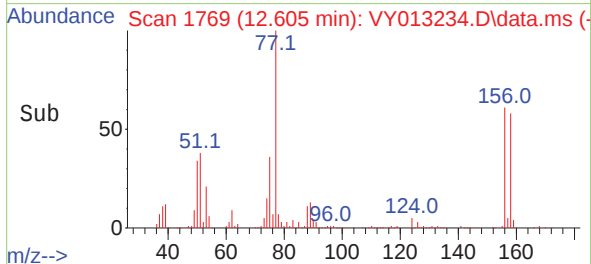
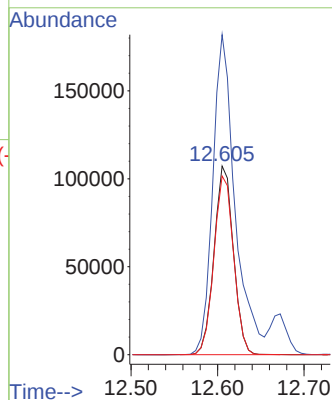
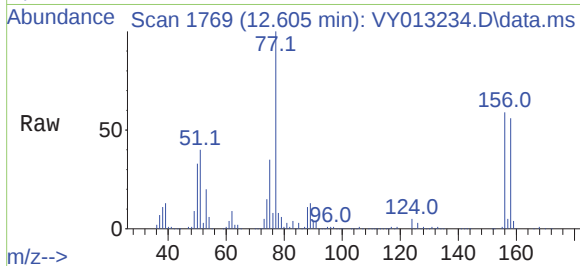




#77
Bromobenzene
Concen: 148.960 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

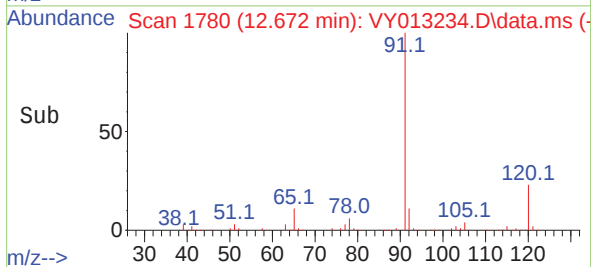
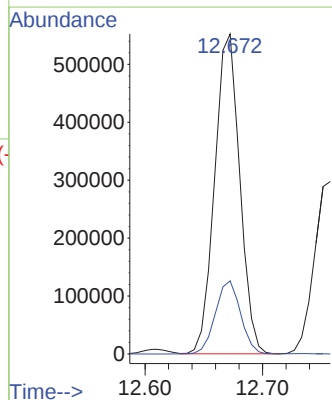
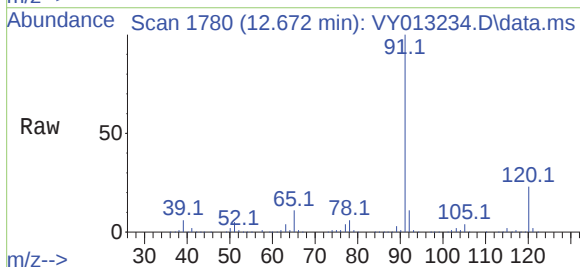
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

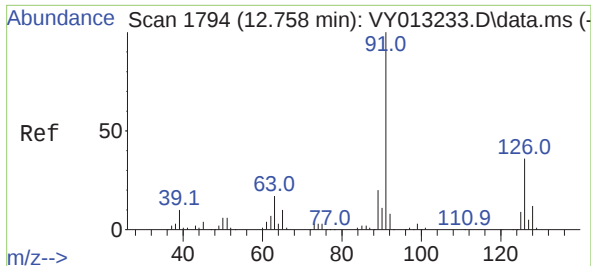
Tgt Ion:156 Resp: 166656
Ion Ratio Lower Upper
156 100
77 194.8 94.0 282.1
158 96.4 48.1 144.4



#78
n-propylbenzene
Concen: 151.289 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 91 Resp: 818874
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 151.176 ug/l

RT: 12.758 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

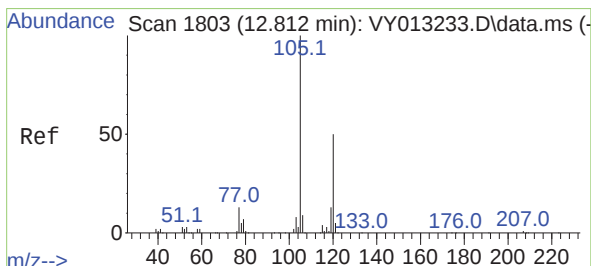
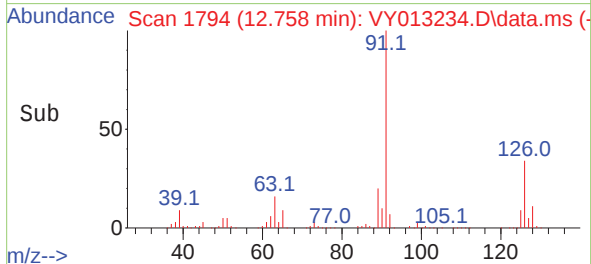
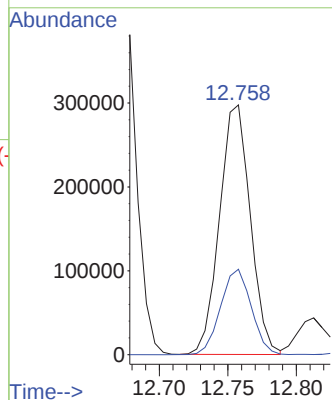
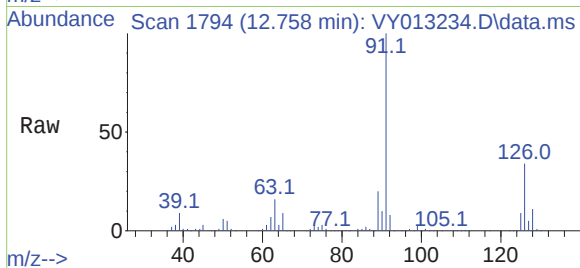
VSTDICC150

Tgt Ion: 91 Resp: 465925

Ion Ratio Lower Upper

91 100

126 34.1 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 153.382 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013234.D

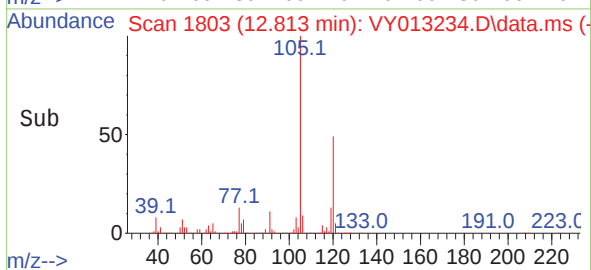
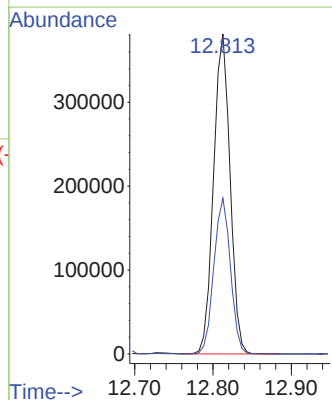
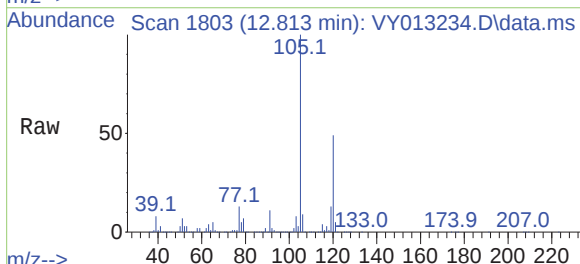
Acq: 10 Apr 2023 18:31

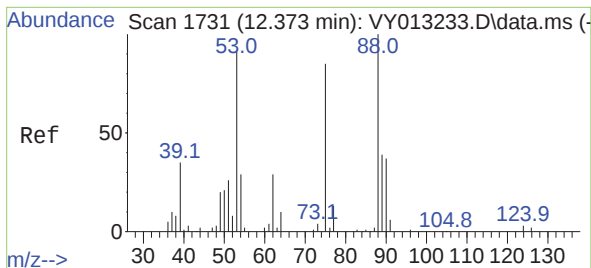
Tgt Ion:105 Resp: 557823

Ion Ratio Lower Upper

105 100

120 48.9 24.8 74.4

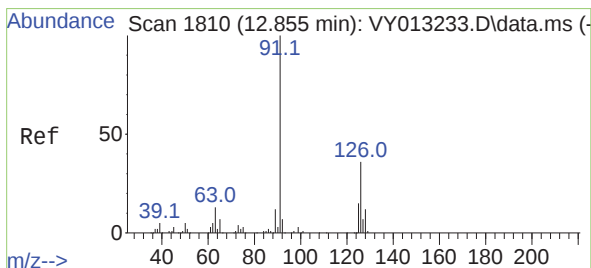
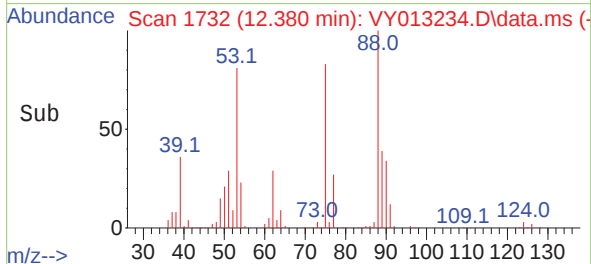
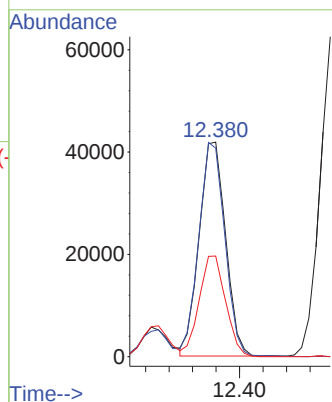
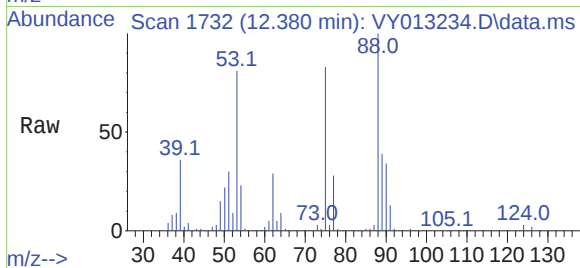




#81
trans-1,4-Dichloro-2-butene
Concen: 158.335 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

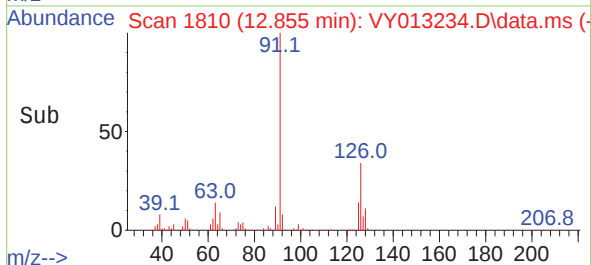
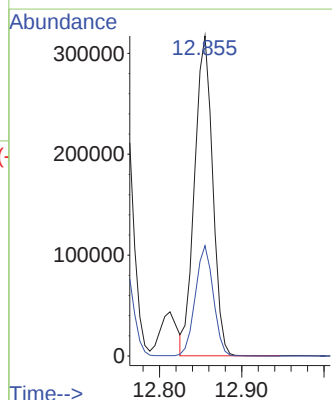
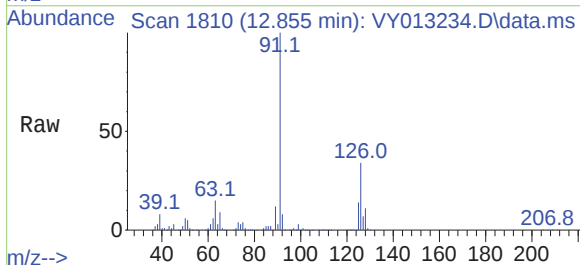
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

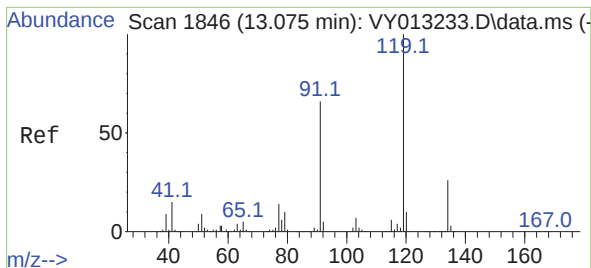
Tgt Ion: 75 Resp: 65463
Ion Ratio Lower Upper
75 100
53 98.7 73.4 110.0
89 47.1 36.6 55.0



#82
4-Chlorotoluene
Concen: 150.002 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion: 91 Resp: 482747
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1

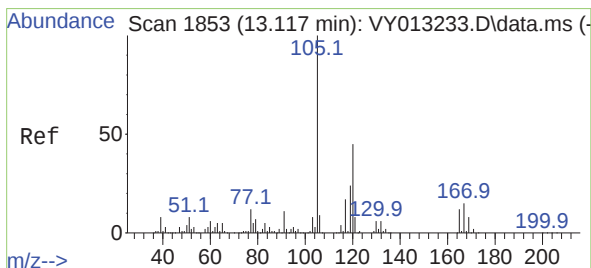
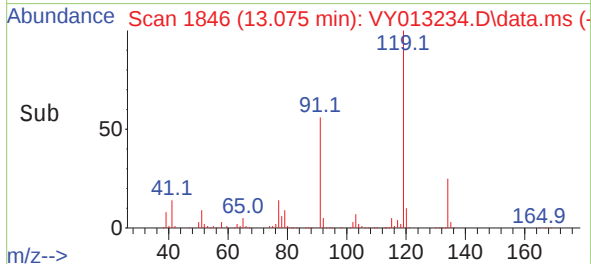
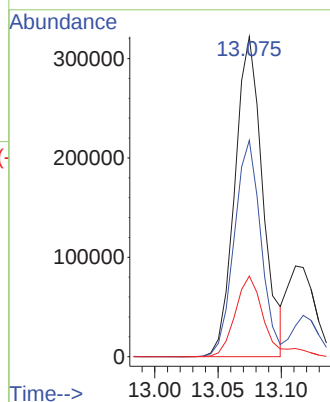
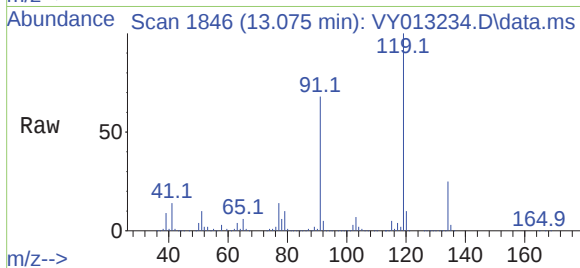




#83
tert-Butylbenzene
Concen: 151.947 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

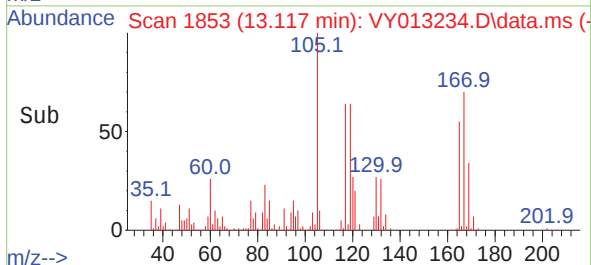
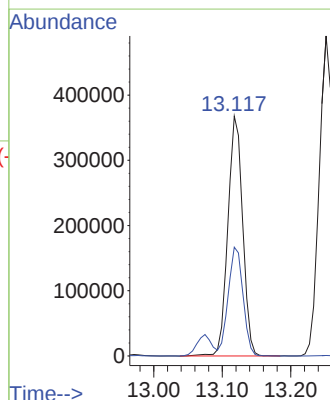
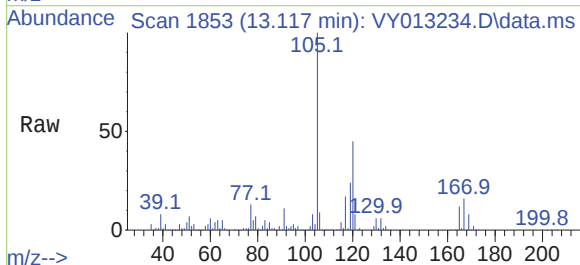
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

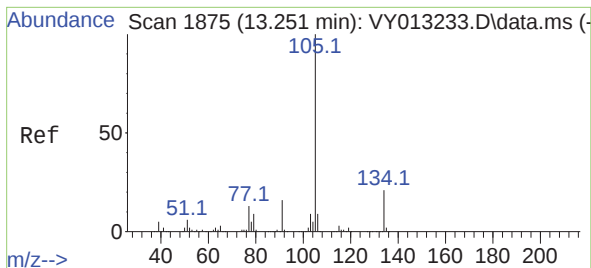
Tgt Ion:119 Resp: 494021
Ion Ratio Lower Upper
119 100
91 64.9 32.8 98.3
134 26.6 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 152.578 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion:105 Resp: 551710
Ion Ratio Lower Upper
105 100
120 45.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 150.426 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.001 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

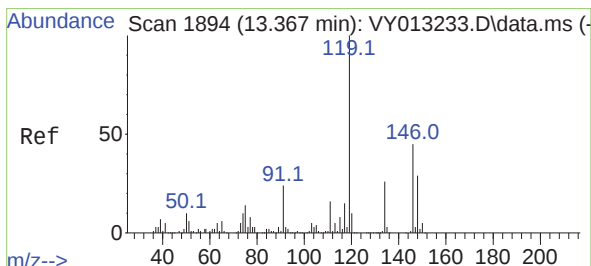
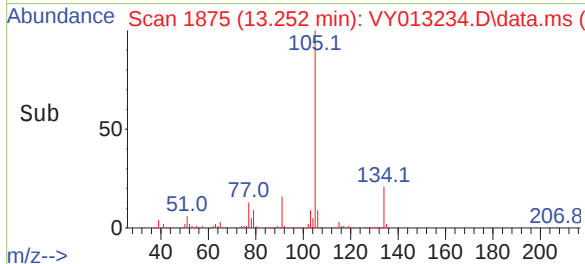
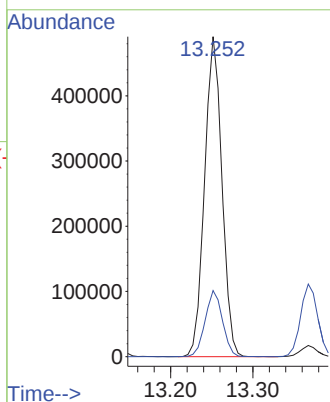
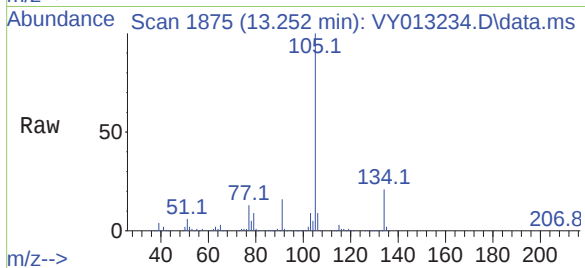
VSTDICC150

Tgt Ion:105 Resp: 718766

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 152.074 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

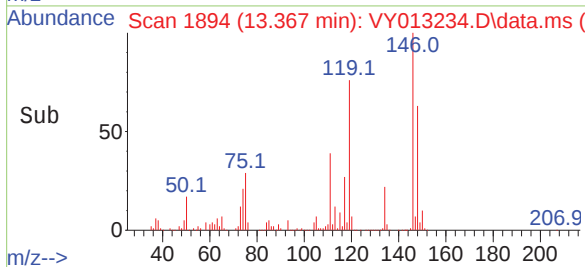
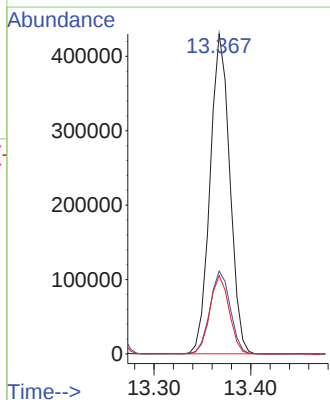
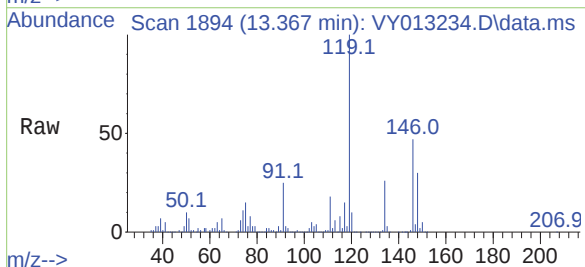
Tgt Ion:119 Resp: 609089

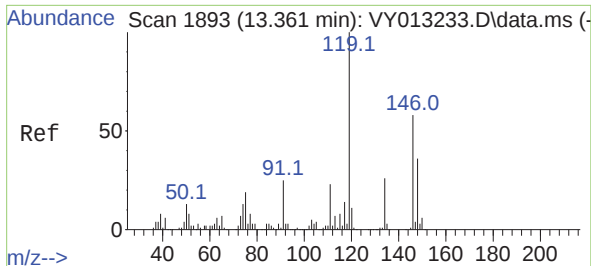
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 24.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 145.197 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

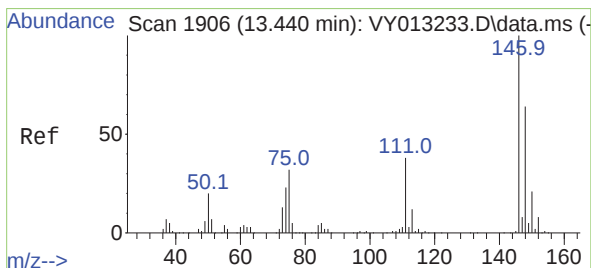
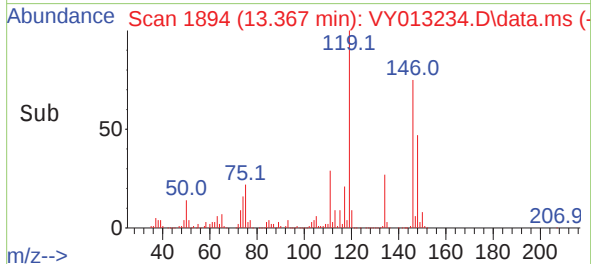
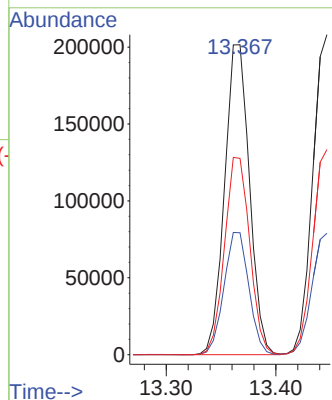
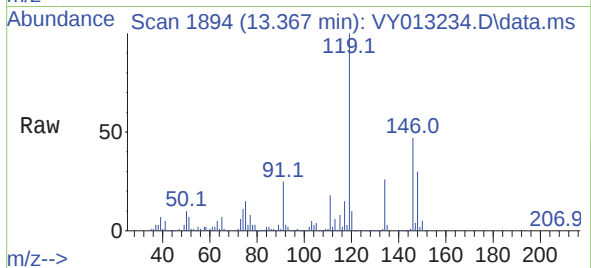
Tgt Ion:146 Resp: 318101

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.5

148 64.4 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 143.532 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.007 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

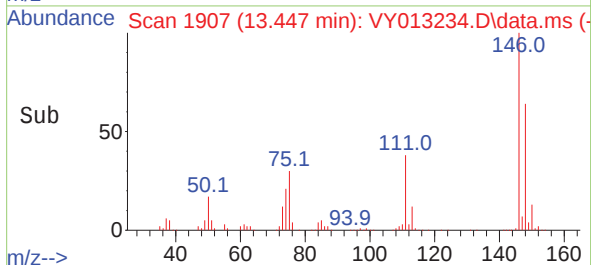
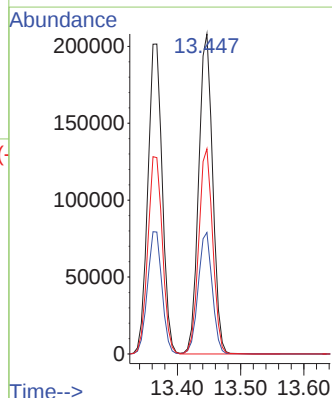
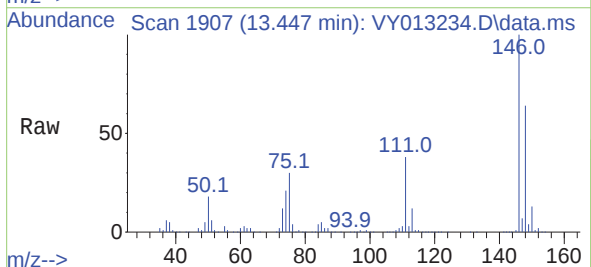
Tgt Ion:146 Resp: 320653

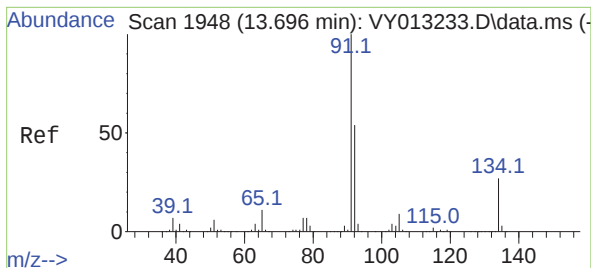
Ion Ratio Lower Upper

146 100

111 37.9 18.6 55.8

148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 152.865 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

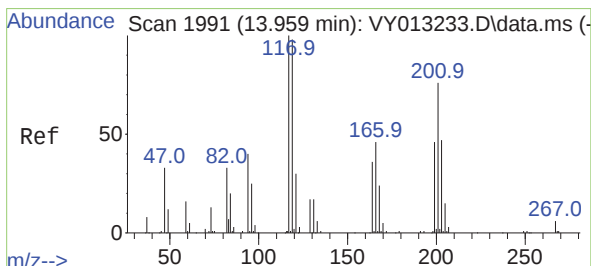
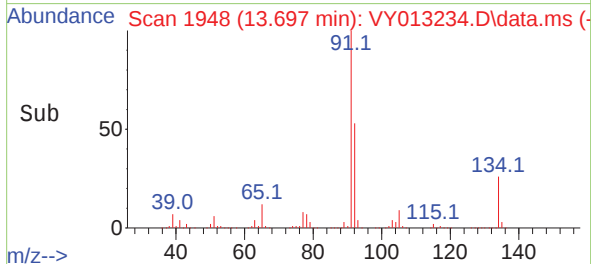
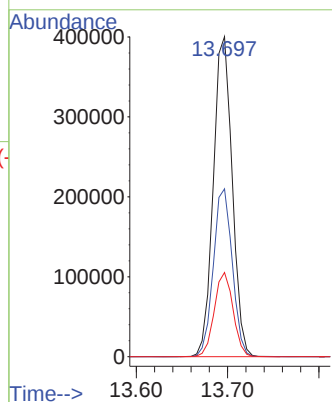
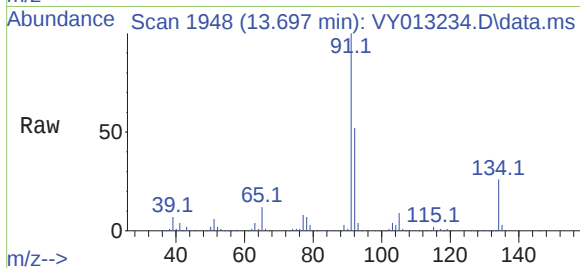
Tgt Ion: 91 Resp: 573890

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 145.757 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013234.D

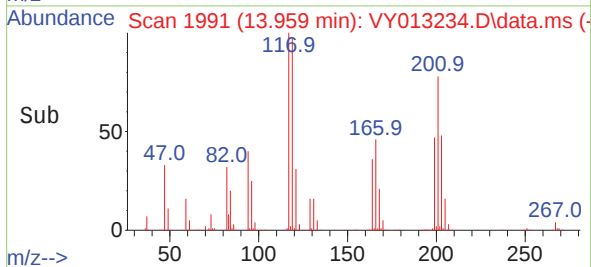
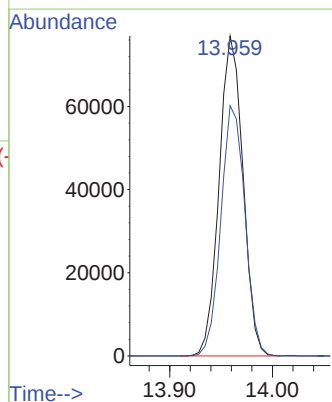
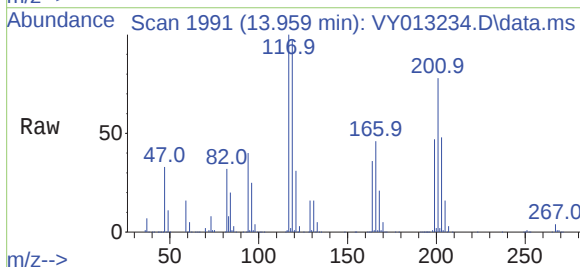
Acq: 10 Apr 2023 18:31

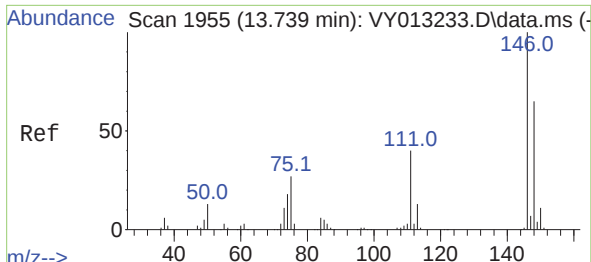
Tgt Ion: 117 Resp: 123769

Ion Ratio Lower Upper

117 100

201 79.0 39.4 118.1

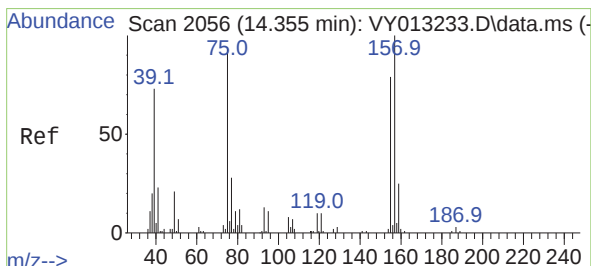
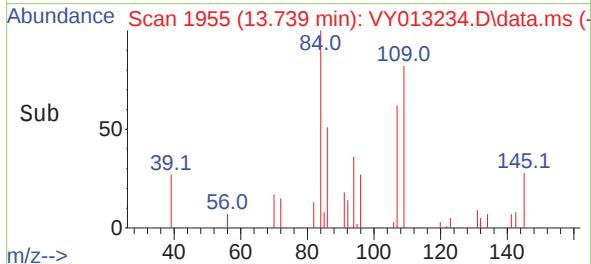
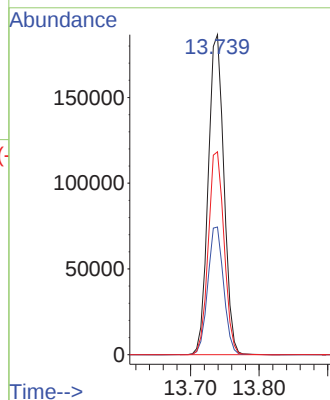
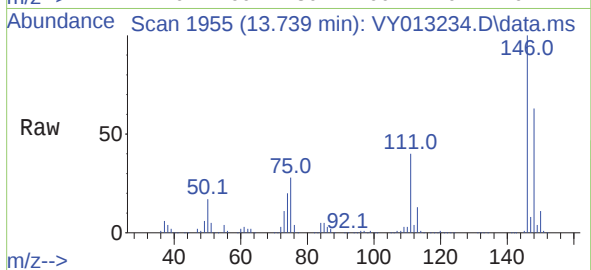




#91
 1,2-Dichlorobenzene
 Concen: 147.359 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013234.D
 Acq: 10 Apr 2023 18:31

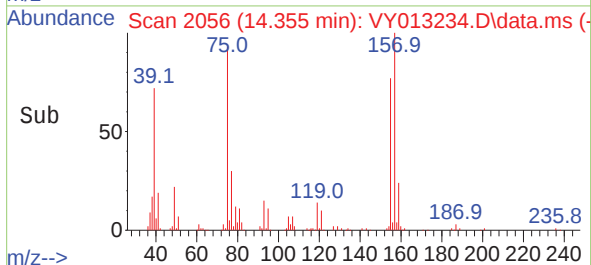
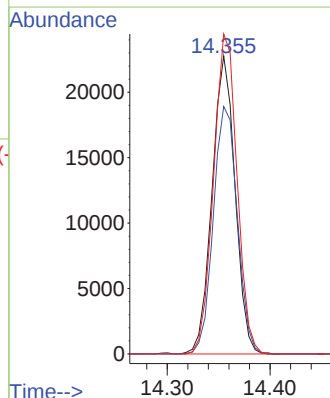
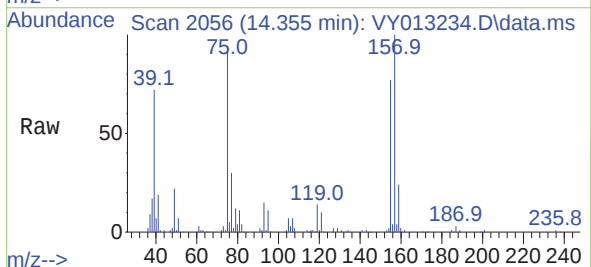
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

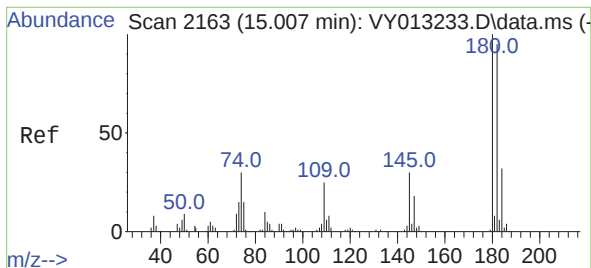
Tgt Ion:146 Resp: 297449
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.7 59.1
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.698 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013234.D
 Acq: 10 Apr 2023 18:31

Tgt Ion: 75 Resp: 35322
 Ion Ratio Lower Upper
 75 100
 155 86.5 43.8 131.4
 157 109.6 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 161.497 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

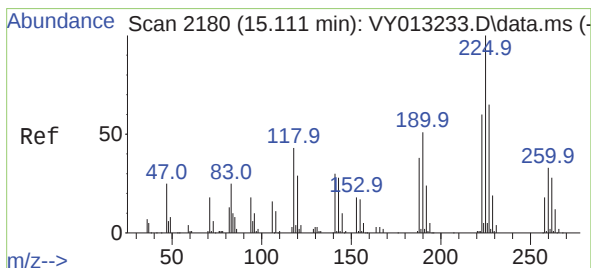
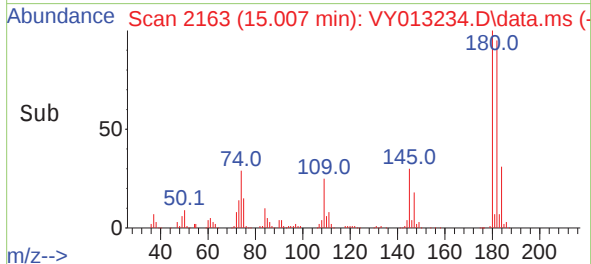
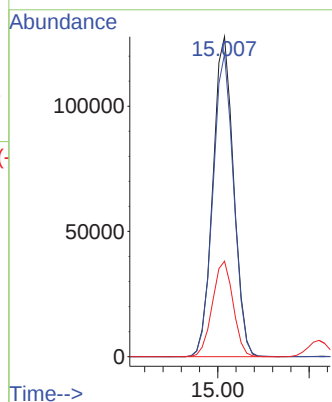
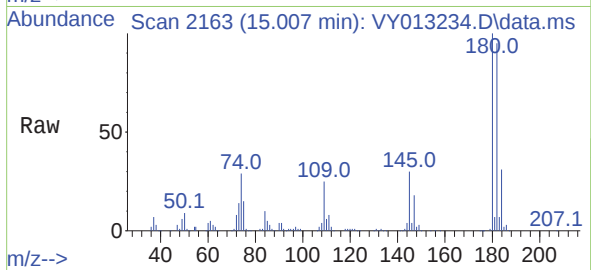
Tgt Ion:180 Resp: 201143

Ion Ratio Lower Upper

180 100

182 94.7 46.7 140.1

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 143.873 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013234.D

Acq: 10 Apr 2023 18:31

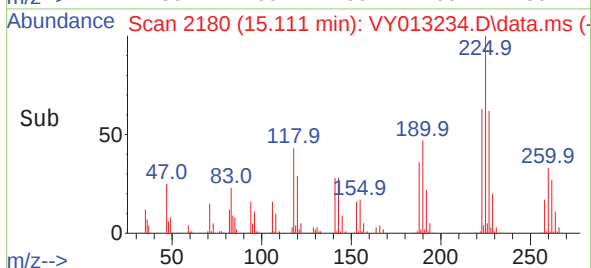
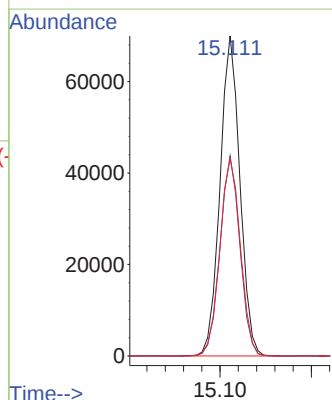
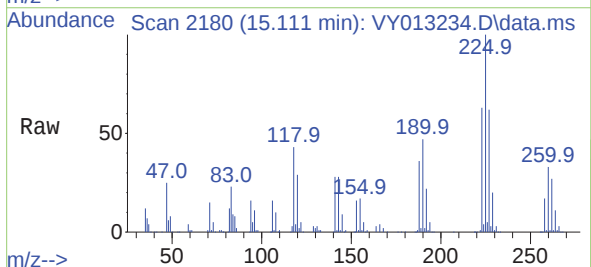
Tgt Ion:225 Resp: 105811

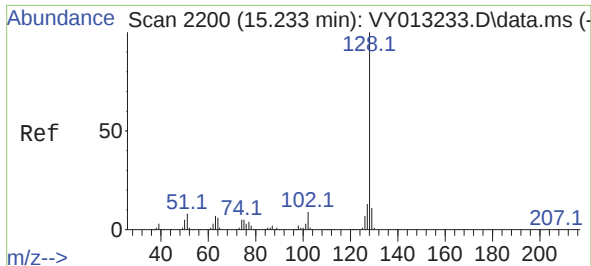
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.3

227 63.5 32.4 97.0

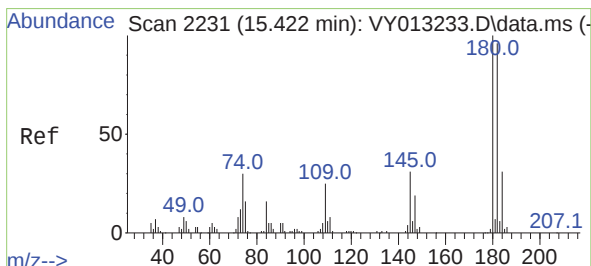
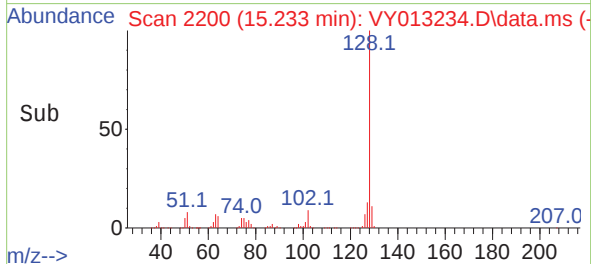
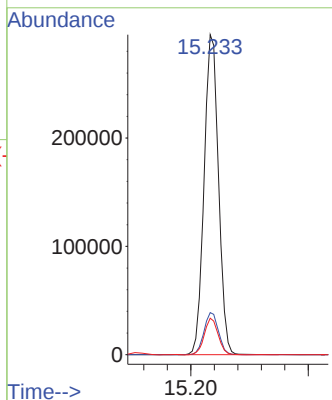
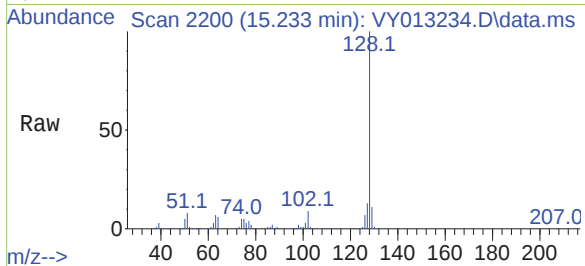




#95
Naphthalene
Concen: 179.012 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:	128	Resp:	502175
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 160.557 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013234.D
Acq: 10 Apr 2023 18:31

Tgt Ion:	180	Resp:	186662
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	31.9	15.3	45.8

