

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013239.D
 Acq On : 11 Apr 2023 13:07
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 14 15:37:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 12 15:18:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	98405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	135735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67529	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50849	45.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.900%
35) Dibromofluoromethane	7.716	113	45101	50.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.020%
50) Toluene-d8	10.179	98	163681	52.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.700%
62) 4-Bromofluorobenzene	12.483	95	57353	51.371	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30277	44.043	ug/l	98
3) Chloromethane	2.113	50	35652	47.456	ug/l	97
4) Vinyl Chloride	2.253	62	35761	42.424	ug/l	98
5) Bromomethane	2.656	94	27690	48.910	ug/l	89
6) Chloroethane	2.796	64	26451	42.911	ug/l	99
7) Trichlorofluoromethane	3.125	101	64776	47.463	ug/l	100
8) Diethyl Ether	3.527	74	24229	46.777	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	40219	48.327	ug/l	97
10) Methyl Iodide	4.088	142	43747	43.615	ug/l	95
11) Tert butyl alcohol	4.942	59	13665	71.292	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	34221	47.200	ug/l	93
13) Acrolein	3.729	56	22693	208.728	ug/l	99
14) Allyl chloride	4.479	41	74224	48.181	ug/l	94
15) Acrylonitrile	5.161	53	77611	217.958	ug/l	98
16) Acetone	3.954	43	101977	226.453	ug/l	95
17) Carbon Disulfide	4.198	76	72210	45.760	ug/l	98
18) Methyl Acetate	4.479	43	55926	41.828	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	131260	47.533	ug/l	99
20) Methylene Chloride	4.716	84	52909	49.808	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	39687	46.663	ug/l	93
22) Diisopropyl ether	6.119	45	174284	51.085	ug/l	95
23) Vinyl Acetate	6.058	43	525495	245.357	ug/l	99
24) 1,1-Dichloroethane	6.015	63	87375	49.615	ug/l	98
25) 2-Butanone	6.990	43	125697	215.970	ug/l	94
26) 2,2-Dichloropropane	6.978	77	79055	47.543	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	50311	49.030	ug/l	94
28) Bromochloromethane	7.332	49	41501	49.916	ug/l	94
29) Tetrahydrofuran	7.350	42	73000	215.086	ug/l	96
30) Chloroform	7.502	83	91272	49.669	ug/l	99
31) Cyclohexane	7.783	56	59921	42.592	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	78777	48.926	ug/l	97
36) 1,1-Dichloropropene	7.917	75	60896	49.584	ug/l	99
37) Ethyl Acetate	7.076	43	52382	46.077	ug/l	97
38) Carbon Tetrachloride	7.899	117	71226	49.809	ug/l	100
39) Methylcyclohexane	9.185	83	64358	49.867	ug/l	98
40) Benzene	8.161	78	183731	50.784	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	26172	45.804	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	65128	49.002	ug/l	96
43) Isopropyl Acetate	8.271	43	93114	46.888	ug/l	97
44) Trichloroethene	8.941	130	47657	50.470	ug/l	99
45) 1,2-Dichloropropane	9.216	63	52096	52.877	ug/l	99
46) Dibromomethane	9.301	93	29842	49.764	ug/l	97
47) Bromodichloromethane	9.496	83	73130	50.505	ug/l	99
48) Methyl methacrylate	9.295	41	42838	49.124	ug/l	92
49) 1,4-Dioxane	9.301	88	8014	939.504	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	269313	239.144	ug/l	96
52) Toluene	10.240	92	117212	51.668	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	76435	50.377	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	83157	51.106	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	42614	50.245	ug/l	98
56) Ethyl methacrylate	10.508	69	60893	51.387	ug/l	94
57) 1,3-Dichloropropane	10.788	76	71336	49.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	127632	237.471	ug/l	96
59) 2-Hexanone	10.831	43	201842	243.036	ug/l	96
60) Dibromochloromethane	10.983	129	54112	51.273	ug/l	100
61) 1,2-Dibromoethane	11.087	107	39460	48.741	ug/l	100
64) Tetrachloroethene	10.721	164	40307	48.096	ug/l	98
65) Chlorobenzene	11.514	112	132591	51.257	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	52023	50.566	ug/l	98
67) Ethyl Benzene	11.593	91	237270	52.844	ug/l	100
68) m/p-Xylenes	11.703	106	180722	105.779	ug/l	98
69) o-Xylene	12.026	106	87192	53.691	ug/l	100
70) Styrene	12.044	104	149265	53.898	ug/l	98
71) Bromoform	12.209	173	36586	49.555	ug/l #	98
73) Isopropylbenzene	12.331	105	235676	55.599	ug/l	99
74) N-amyl acetate	12.142	43	85111	52.492	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	56649	49.995	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	73619	89.568	ug/l #	100
77) Bromobenzene	12.611	156	56270	52.173	ug/l	98
78) n-propylbenzene	12.672	91	290876	55.746	ug/l	99
79) 2-Chlorotoluene	12.758	91	161646	54.406	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	198624	56.654	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	20440	51.284	ug/l	95
82) 4-Chlorotoluene	12.855	91	169292	54.567	ug/l	99
83) tert-Butylbenzene	13.075	119	173134	55.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	192485	55.220	ug/l	99
85) sec-Butylbenzene	13.251	105	258080	56.028	ug/l	99
86) p-Isopropyltoluene	13.367	119	214630	55.588	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	111515	52.801	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	109469	50.830	ug/l	97
89) n-Butylbenzene	13.696	91	203901	56.340	ug/l	98
90) Hexachloroethane	13.965	117	42537	51.964	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	101076	51.943	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9761	45.206	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	60860	50.688	ug/l	99
94) Hexachlorobutadiene	15.111	225	36284	51.178	ug/l	99
95) Naphthalene	15.239	128	132415	48.964	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	55551	49.566	ug/l	99

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ClientSampleId :
VSTDCCC050

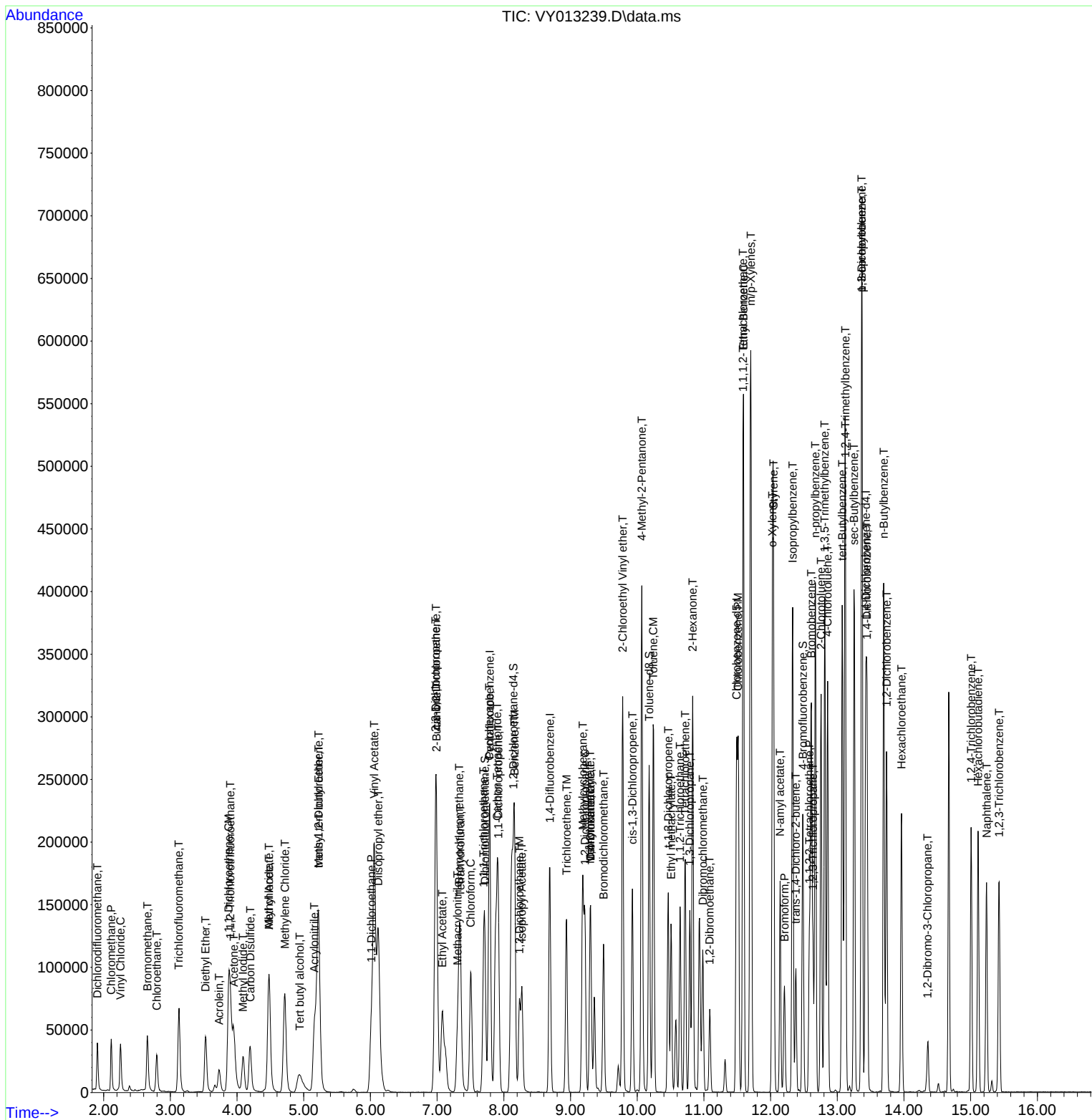
Quant Time: Apr 14 15:37:33 2023
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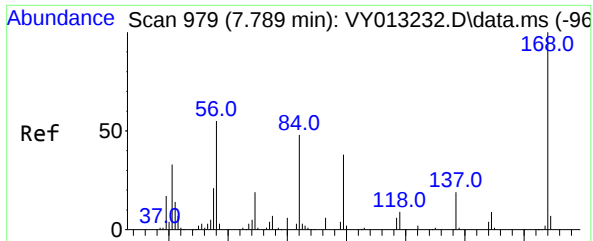
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_Y
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VSTDCCC050

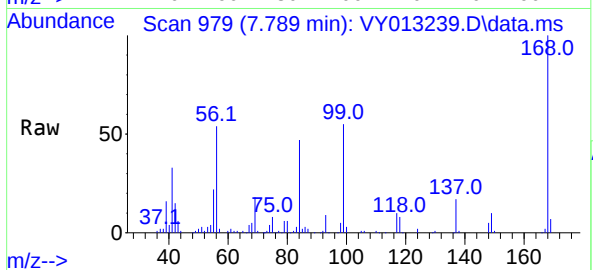
Quant Time: Apr 14 15:37:33 2023
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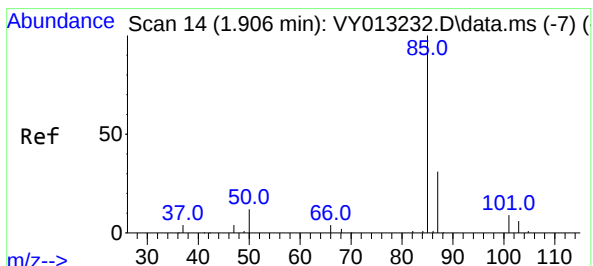
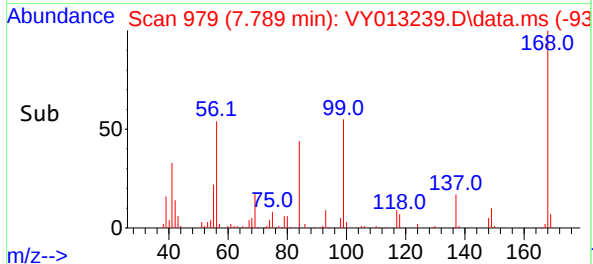
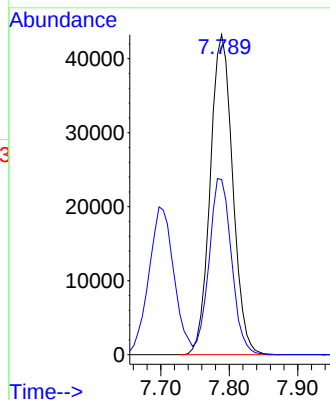


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013239.D
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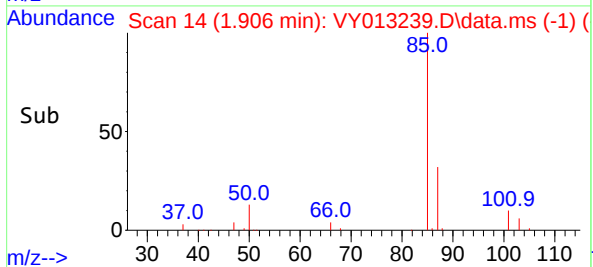
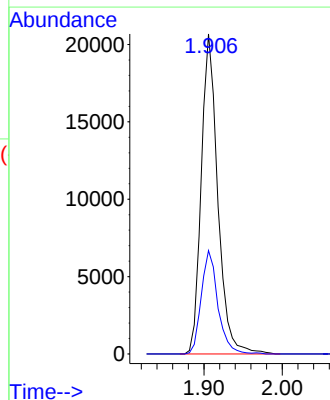
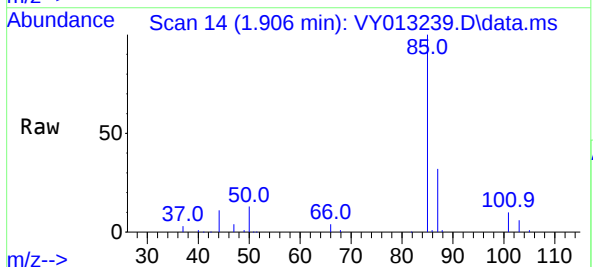


Tgt Ion:168 Resp: 98405
Ion Ratio Lower Upper
168 100
99 54.7 41.7 62.5

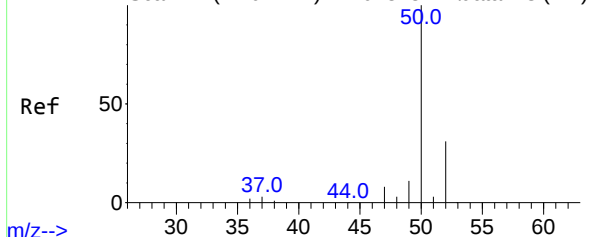


#2
Dichlorodifluoromethane
Concen: 44.043 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 85 Resp: 30277
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0



Abundance Scan 47 (2.107 min): VY013232.D\data.ms (-42)



#3

Chloromethane

Concen: 47.456 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.006 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDC050

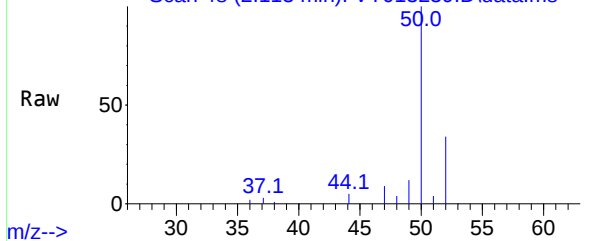
Tgt Ion: 50 Resp: 35652

Ion Ratio Lower Upper

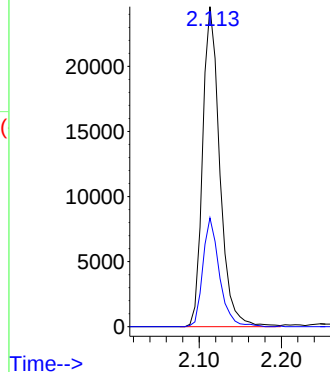
50 100

52 34.0 26.0 39.0

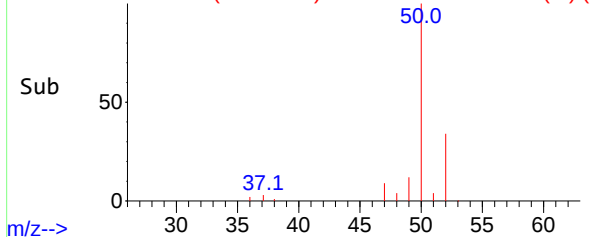
Abundance Scan 48 (2.113 min): VY013239.D\data.ms



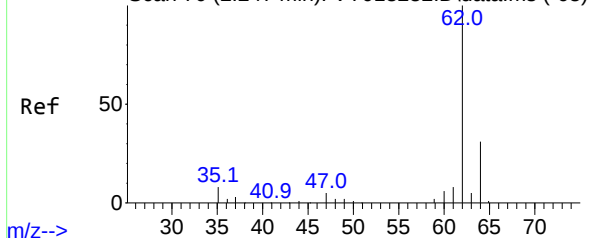
Abundance



Abundance Scan 48 (2.113 min): VY013239.D\data.ms (-1)



Abundance Scan 70 (2.247 min): VY013232.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 42.424 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

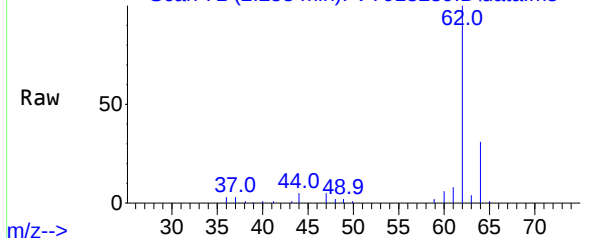
Tgt Ion: 62 Resp: 35761

Ion Ratio Lower Upper

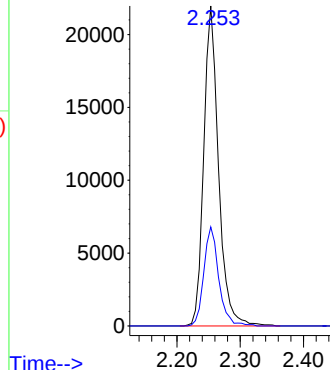
62 100

64 30.9 25.6 38.4

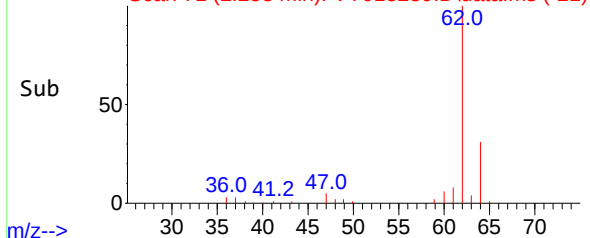
Abundance Scan 71 (2.253 min): VY013239.D\data.ms

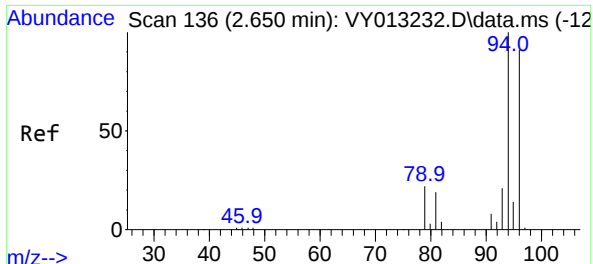


Abundance



Abundance Scan 71 (2.253 min): VY013239.D\data.ms (-21)

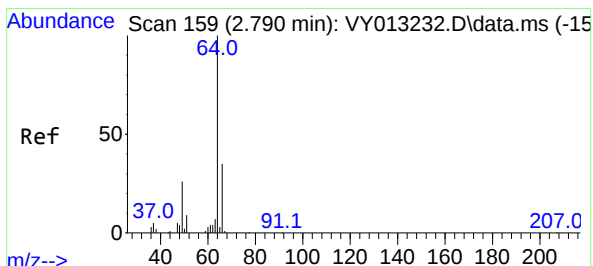
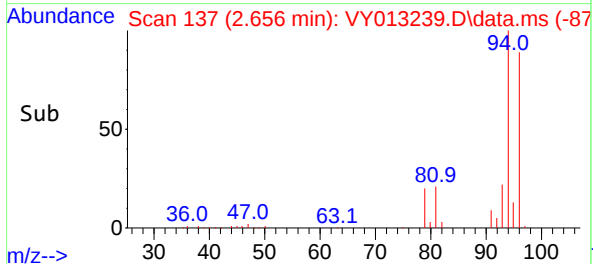
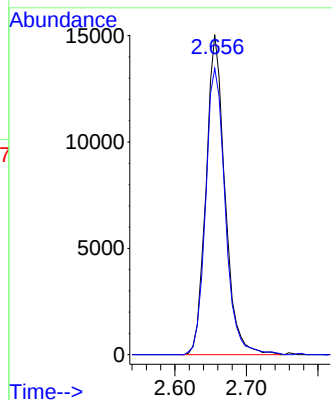
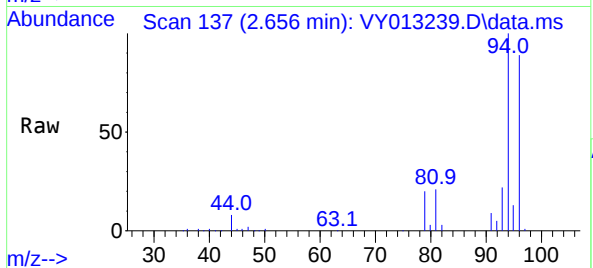




#5
Bromomethane
Concen: 48.910 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

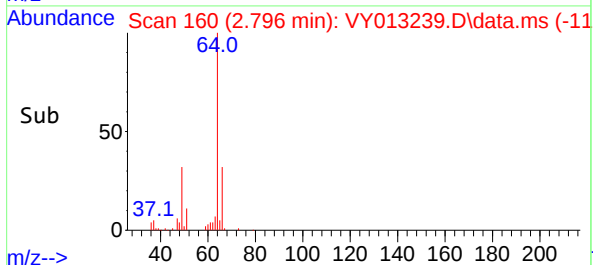
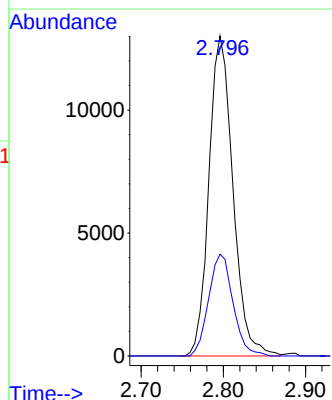
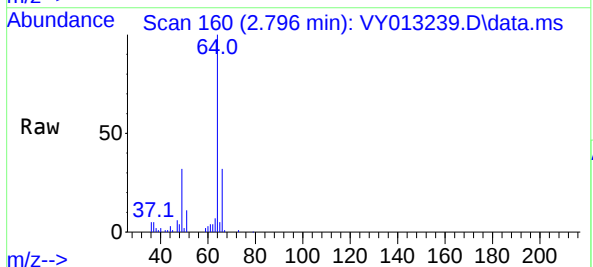
Instrument :
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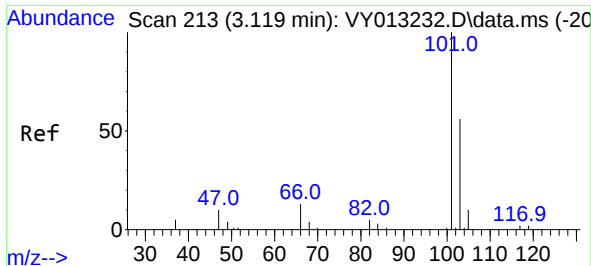
Tgt Ion: 94 Resp: 27690
Ion Ratio Lower Upper
94 100
96 89.4 80.3 120.5



#6
Chloroethane
Concen: 42.911 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 64 Resp: 26451
Ion Ratio Lower Upper
64 100
66 31.8 25.7 38.5

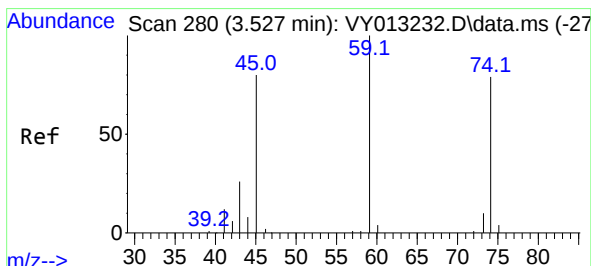
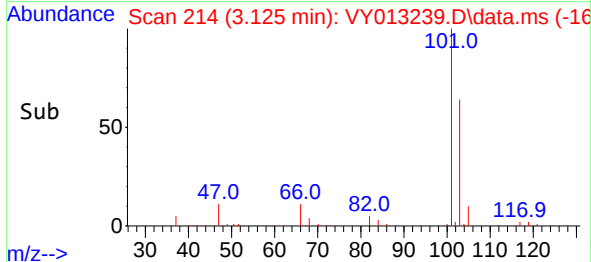
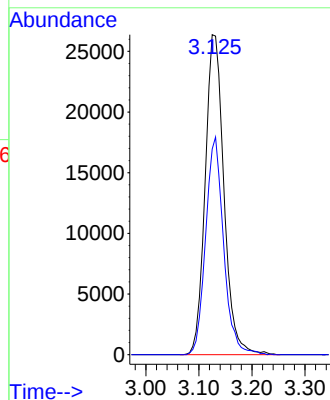
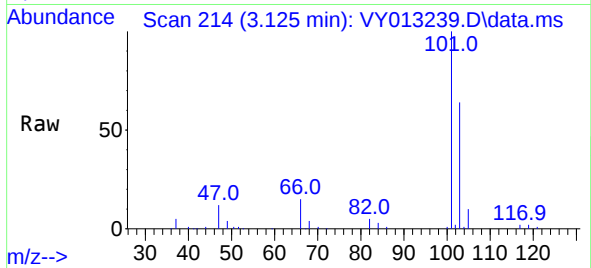




#7
 Trichlorofluoromethane
 Concen: 47.463 ug/l
 RT: 3.125 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY013239.D
 Acq: 11 Apr 2023 13:07

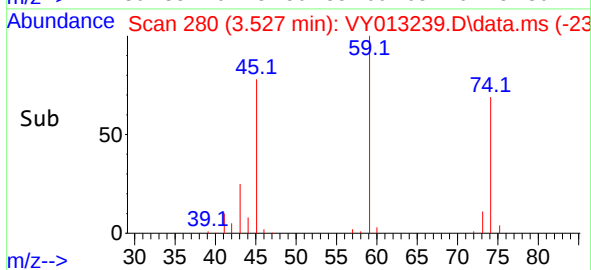
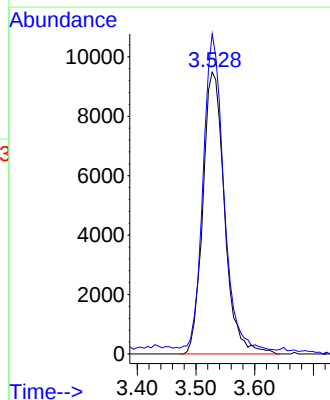
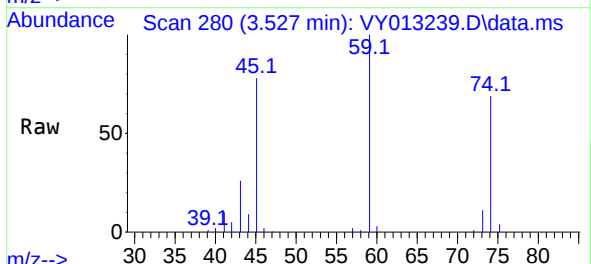
Instrument :
 MSVOA_Y
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 VSTDCCC050

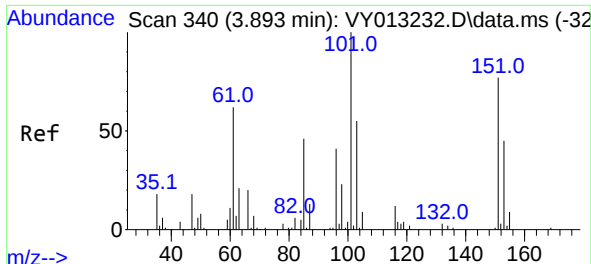
Tgt Ion:101 Resp: 64776
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.5 77.3



#8
 Diethyl Ether
 Concen: 46.777 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013239.D
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Tgt Ion: 74 Resp: 24229
 Ion Ratio Lower Upper
 74 100
 45 106.5 52.1 156.4

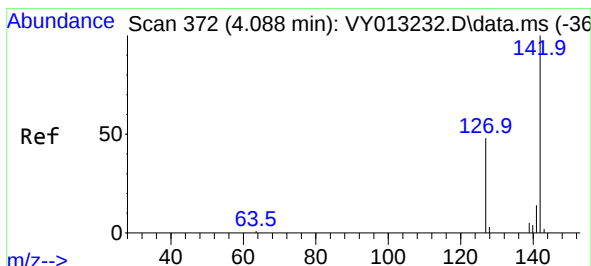
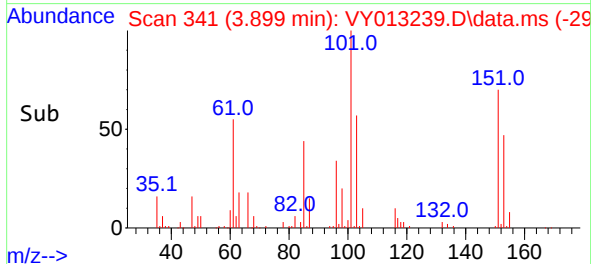
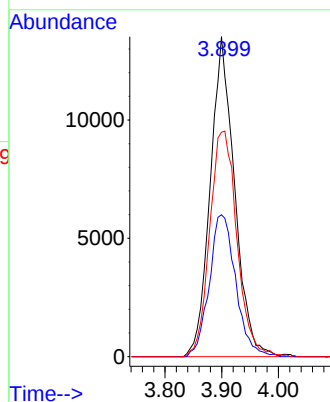
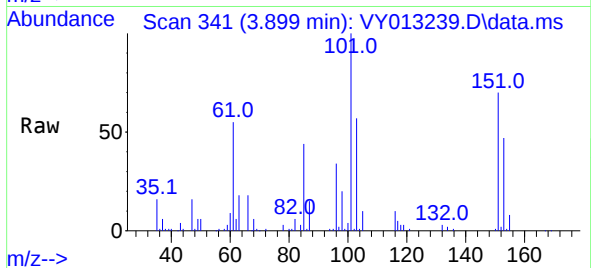




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.327 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

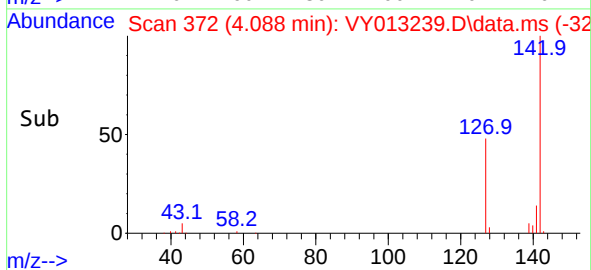
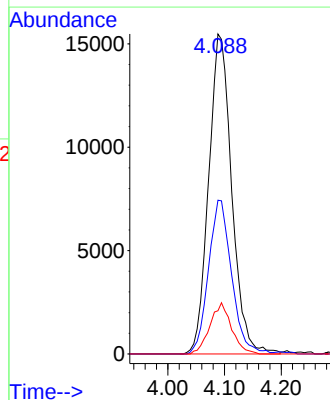
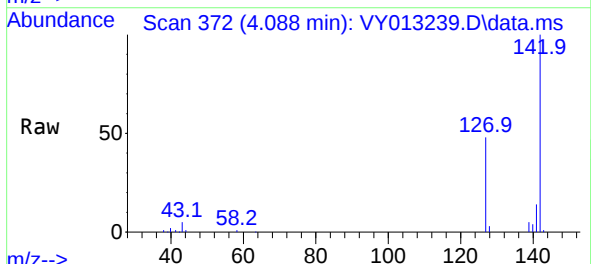
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

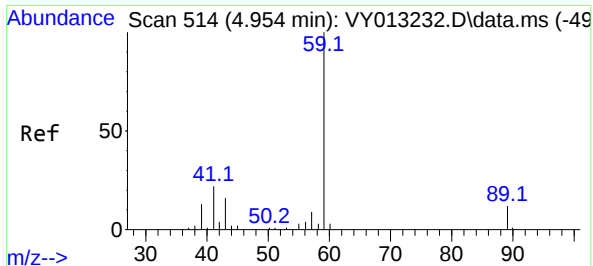
Tgt Ion:101 Resp: 40219
Ion Ratio Lower Upper
101 100
85 48.3 35.3 52.9
151 79.2 63.1 94.7



#10
Methyl Iodide
Concen: 43.615 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:142 Resp: 43747
Ion Ratio Lower Upper
142 100
127 48.2 35.4 53.2
141 15.0 11.3 16.9





#11

Tert butyl alcohol

Concen: 71.292 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

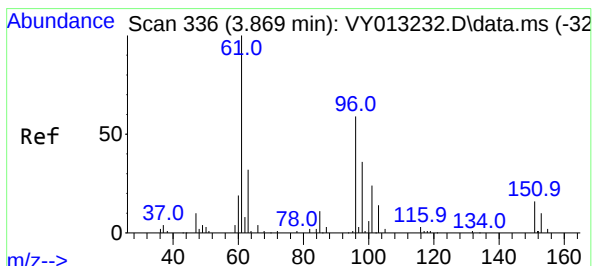
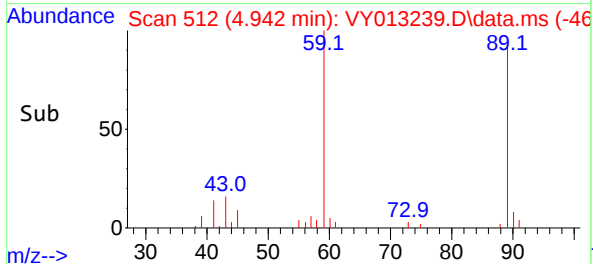
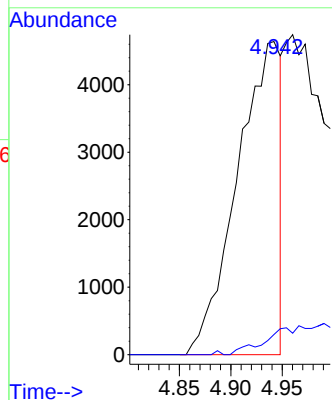
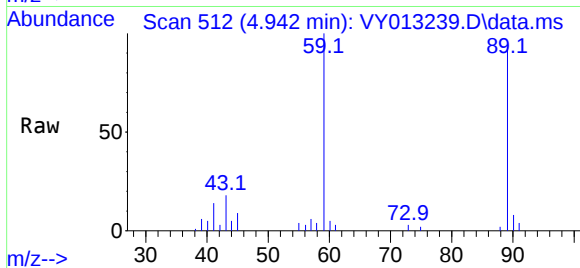
VSTDCCC050

Tgt Ion: 59 Resp: 13665

Ion Ratio Lower Upper

59 100

57 5.9 7.7 11.5#



#12

1,1-Dichloroethene

Concen: 47.200 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.006 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

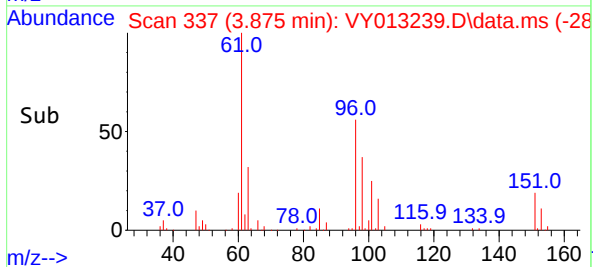
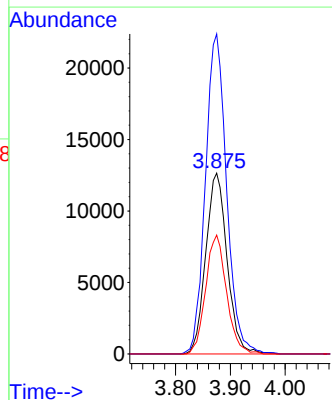
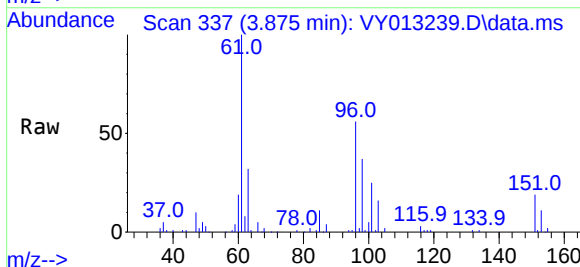
Tgt Ion: 96 Resp: 34221

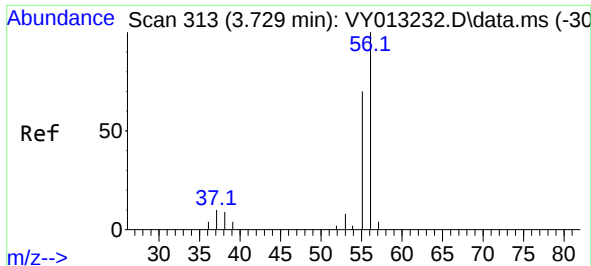
Ion Ratio Lower Upper

96 100

61 177.0 131.7 197.5

98 65.8 52.0 78.0





#13

Acrolein

Concen: 208.728 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

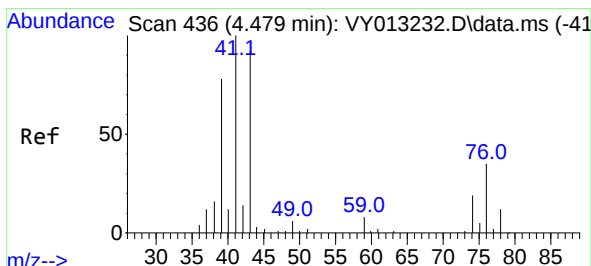
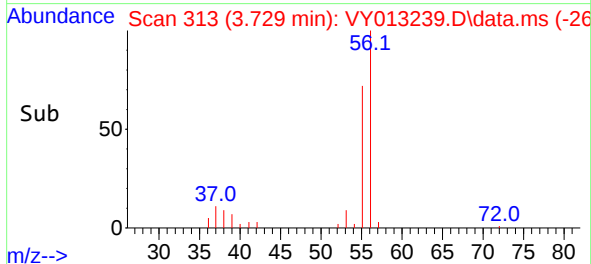
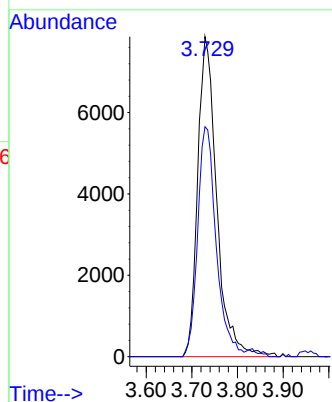
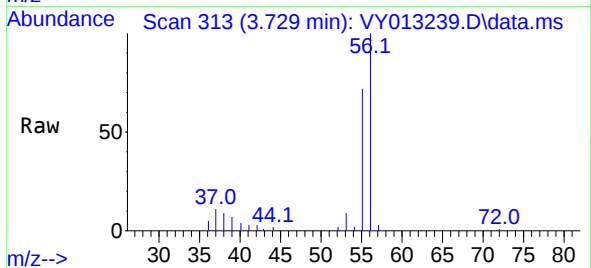
VSTDCCC050

Tgt Ion: 56 Resp: 22693

Ion Ratio Lower Upper

56 100

55 70.2 56.8 85.2



#14

Allyl chloride

Concen: 48.181 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

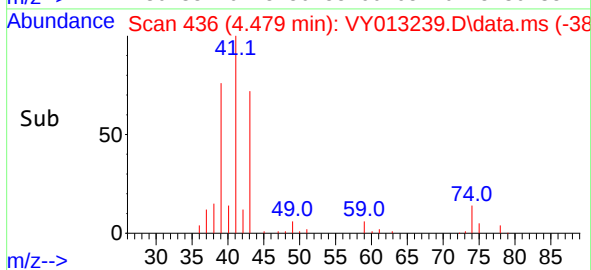
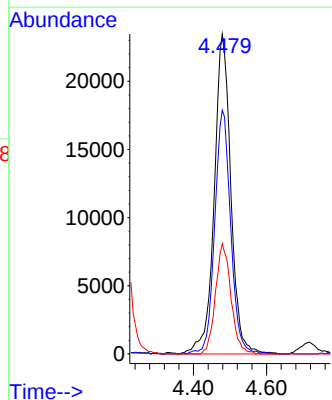
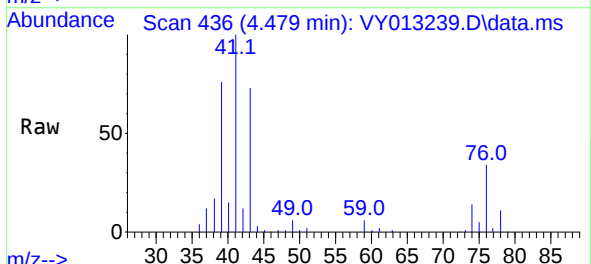
Tgt Ion: 41 Resp: 74224

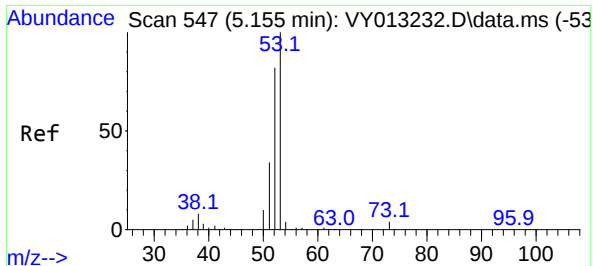
Ion Ratio Lower Upper

41 100

39 72.9 53.6 80.4

76 32.1 27.2 40.8

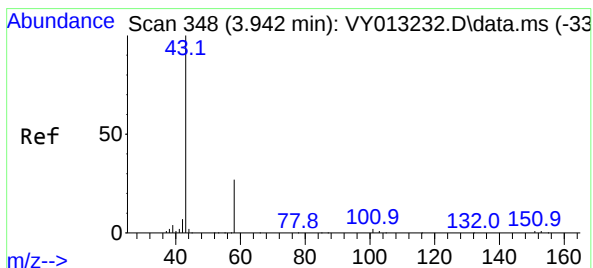
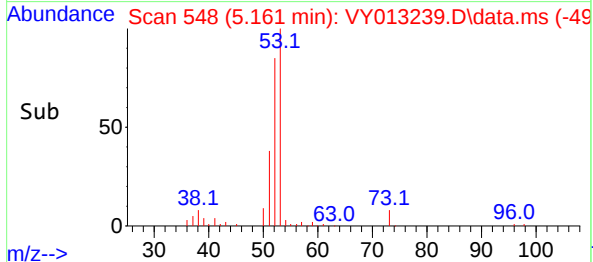
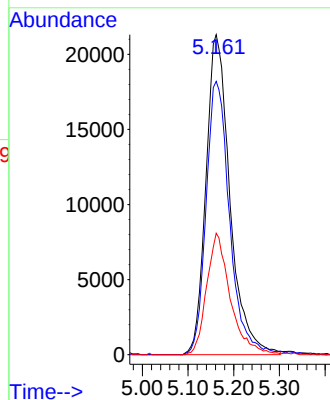
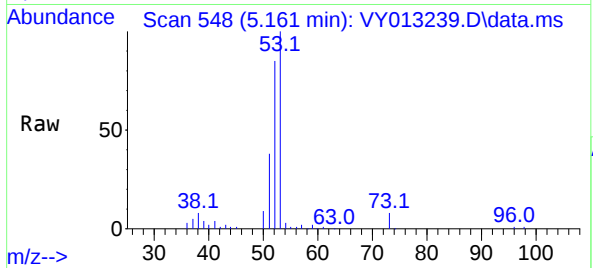




#15
Acrylonitrile
Concen: 217.958 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

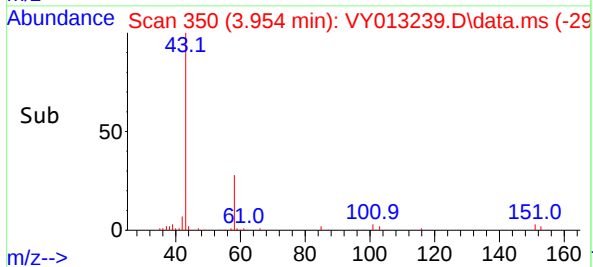
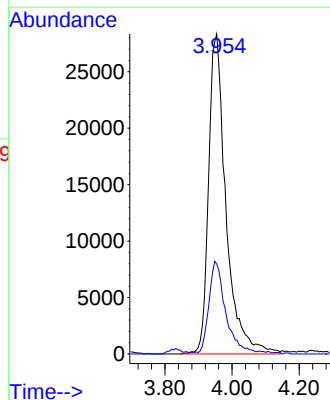
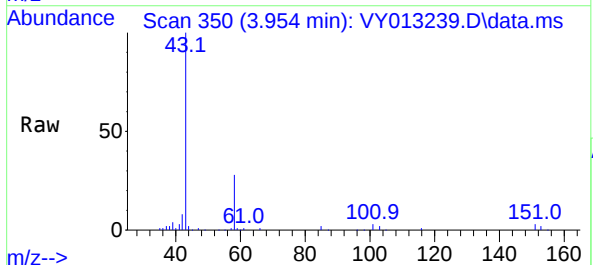
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

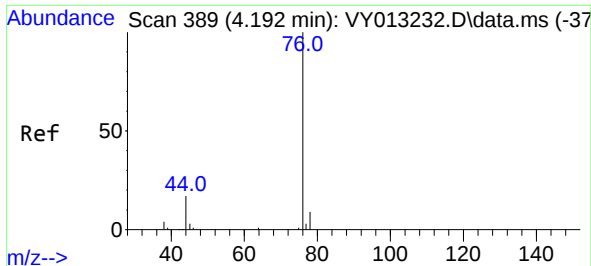
Tgt Ion: 53 Resp: 77611
Ion Ratio Lower Upper
53 100
52 84.0 66.3 99.5
51 37.5 28.8 43.2



#16
Acetone
Concen: 226.453 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 43 Resp: 101977
Ion Ratio Lower Upper
43 100
58 27.7 24.2 36.2

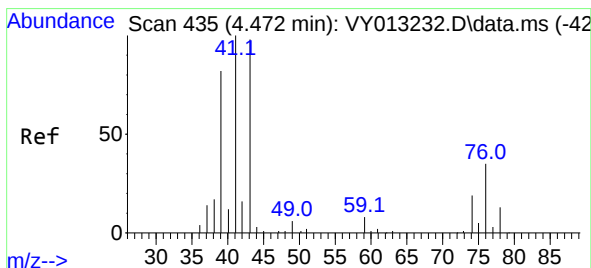
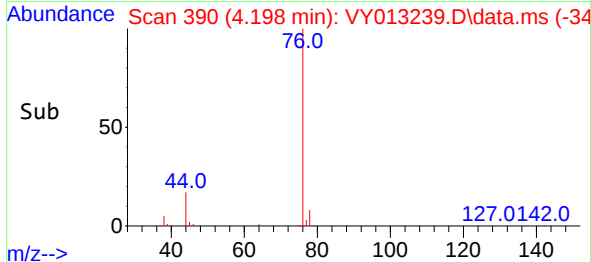
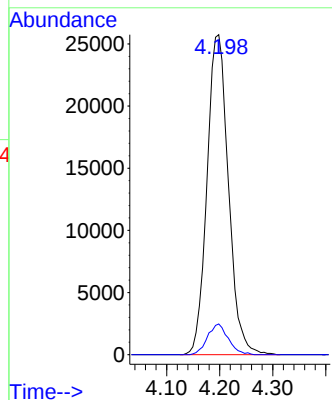
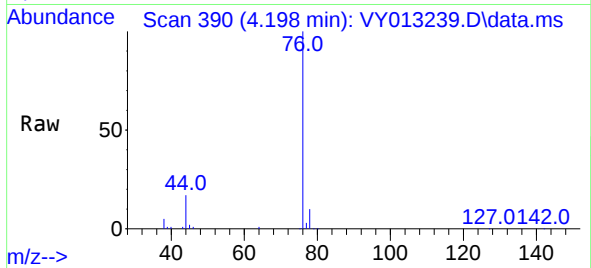




#17
Carbon Disulfide
Concen: 45.760 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

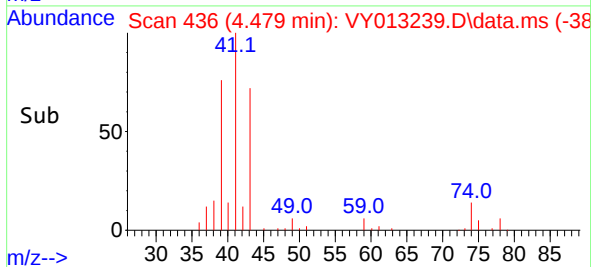
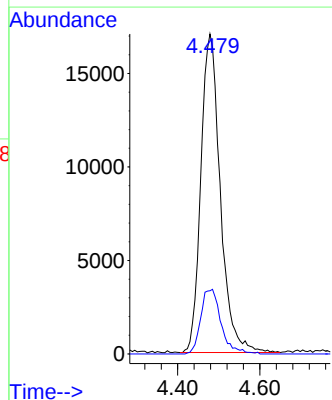
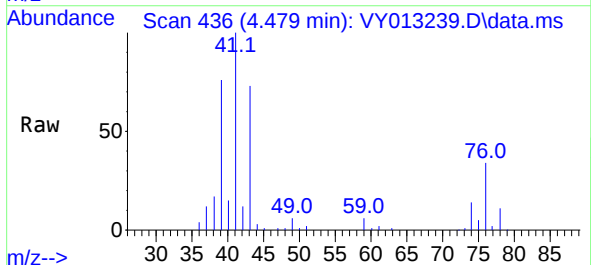
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

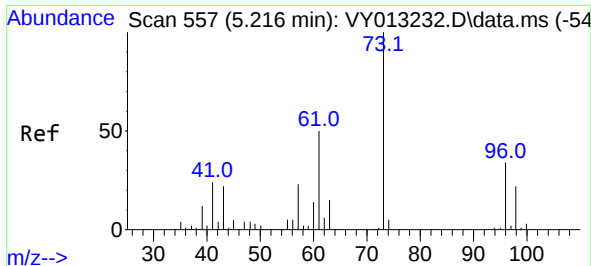
Tgt Ion: 76 Resp: 72210
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 41.828 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 43 Resp: 55926
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.0

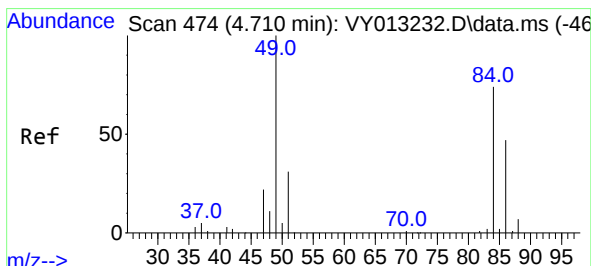
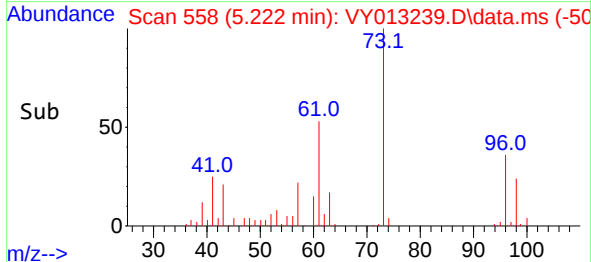
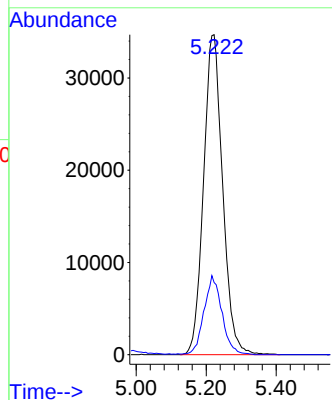
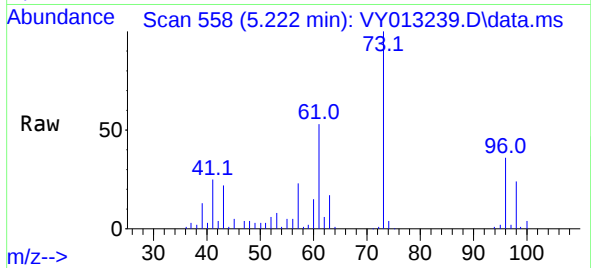




#19
Methyl tert-butyl Ether
Concen: 47.533 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

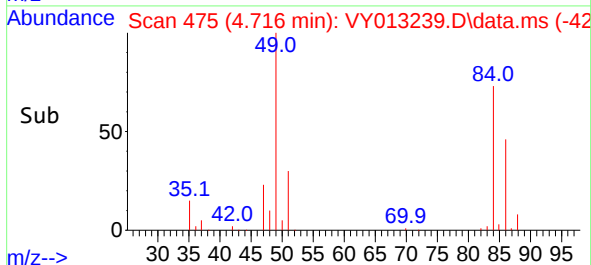
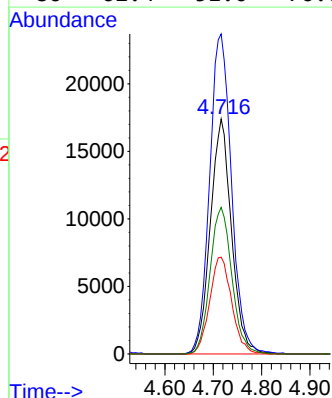
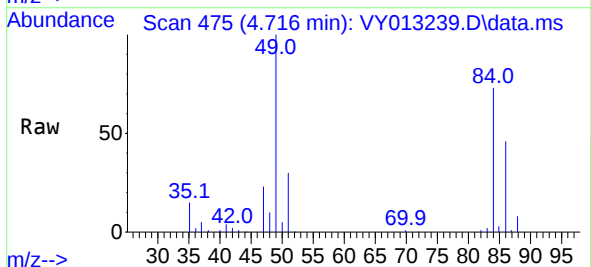
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

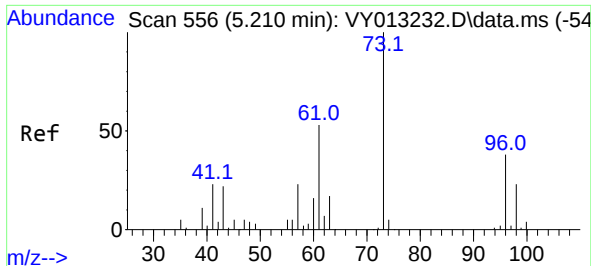
Tgt Ion: 73 Resp: 131260
Ion Ratio Lower Upper
73 100
57 22.5 18.3 27.5



#20
Methylene Chloride
Concen: 49.808 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 84 Resp: 52909
Ion Ratio Lower Upper
84 100
49 136.2 102.6 154.0
51 41.2 31.9 47.9
86 62.4 51.0 76.6

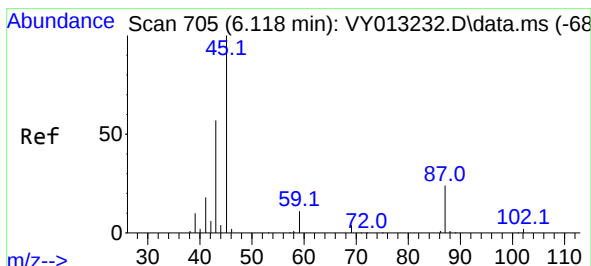
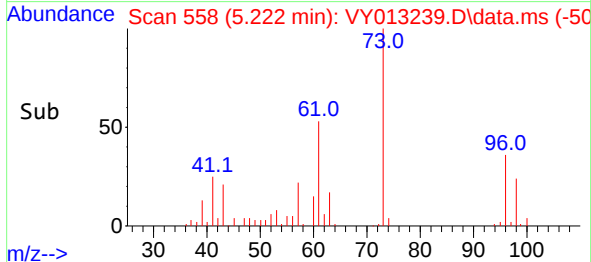
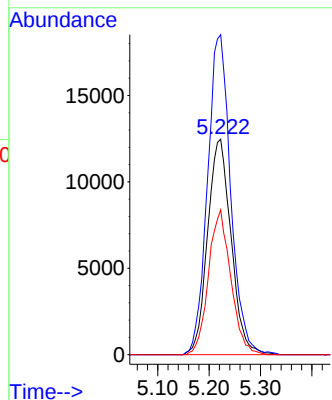
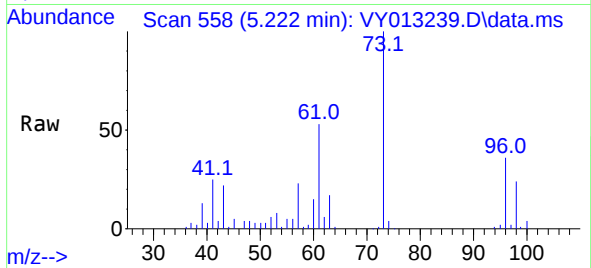




#21
trans-1,2-Dichloroethene
Concen: 46.663 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

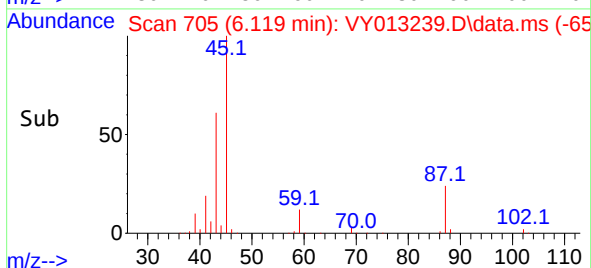
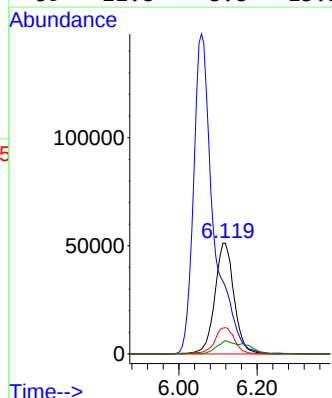
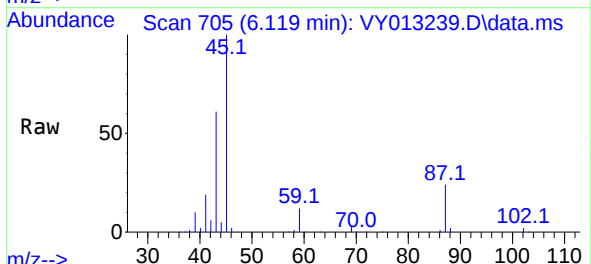
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

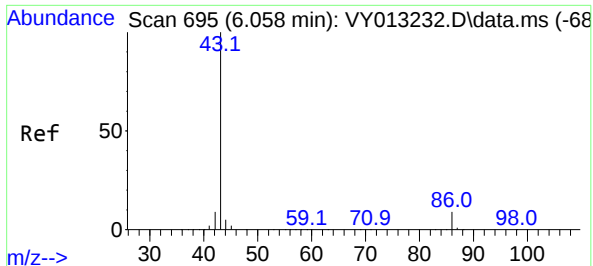
Tgt Ion: 96 Resp: 39687
Ion Ratio Lower Upper
96 100
61 148.4 111.4 167.0
98 67.1 50.8 76.2



#22
Diisopropyl ether
Concen: 51.085 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 45 Resp: 174284
Ion Ratio Lower Upper
45 100
43 60.3 45.0 67.6
87 23.6 20.3 30.5
59 11.8 8.8 13.2

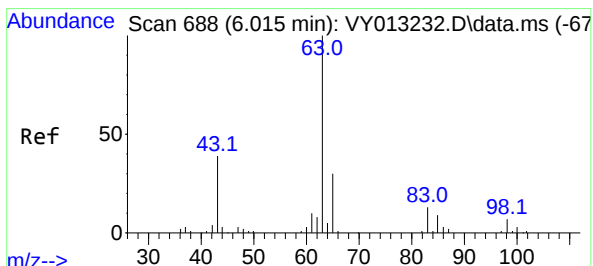
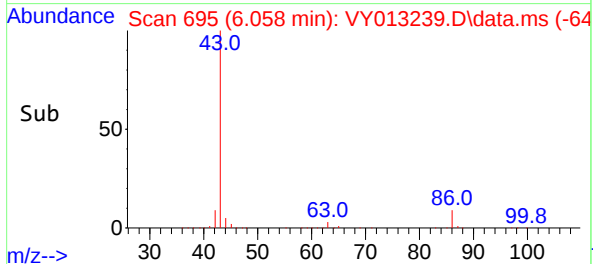
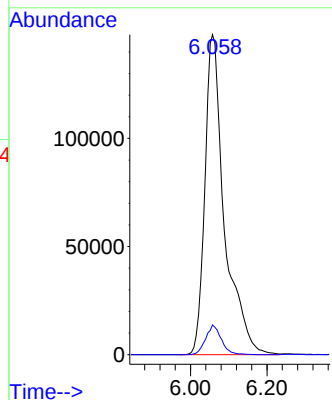
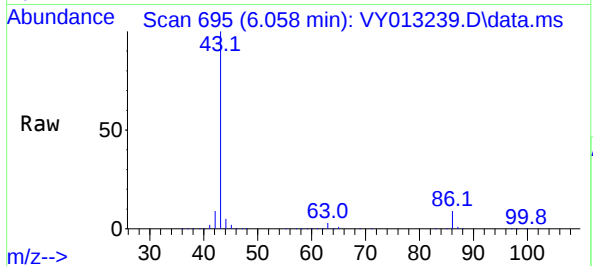




#23
 Vinyl Acetate
 Concen: 245.357 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY013239.D
 Acq: 11 Apr 2023 13:07

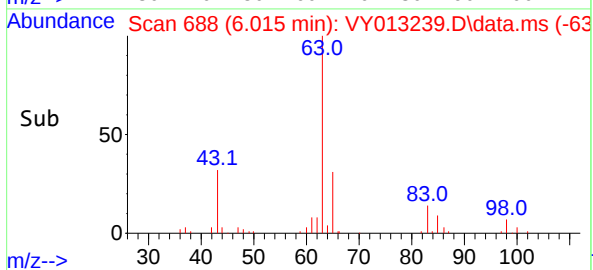
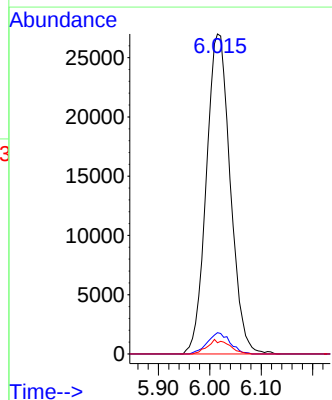
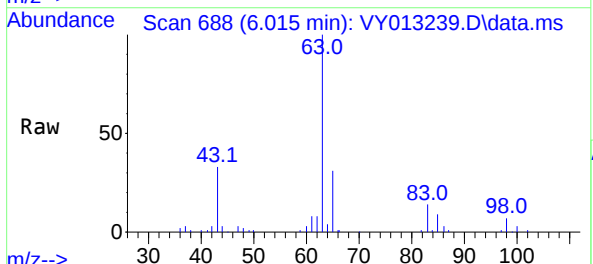
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

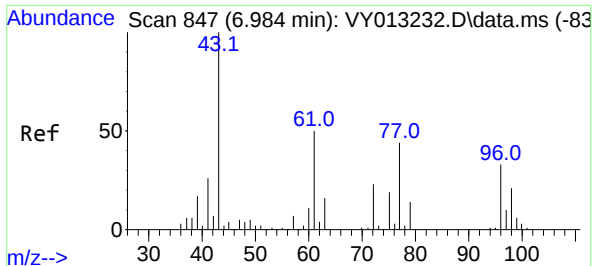
Tgt Ion: 43 Resp: 525495
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 49.615 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013239.D
 Acq: 11 Apr 2023 13:07

Tgt Ion: 63 Resp: 87375
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 3.5 2.3 6.8





#25

2-Butanone

Concen: 215.970 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

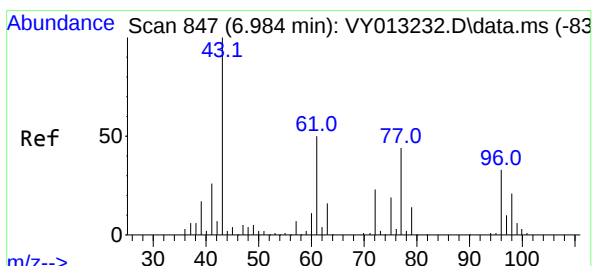
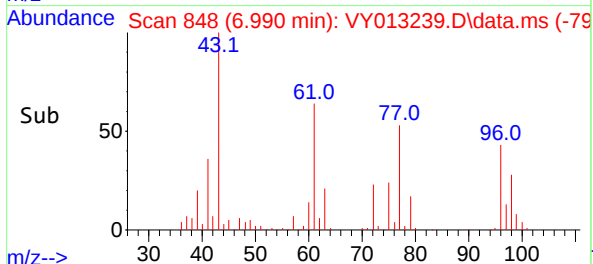
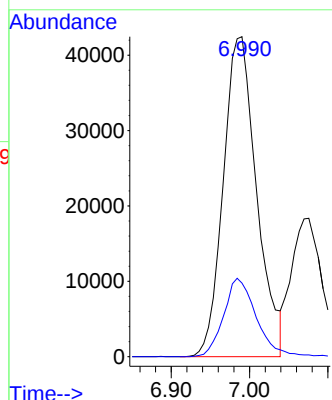
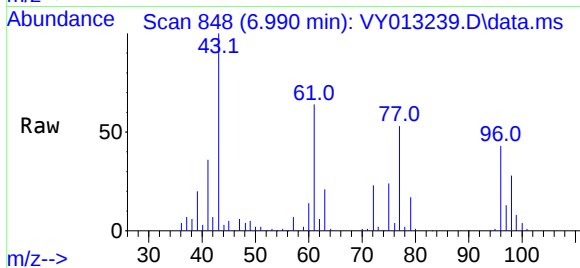
VSTDCCC050

Tgt Ion: 43 Resp: 125697

Ion Ratio Lower Upper

43 100

72 23.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 47.543 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013239.D

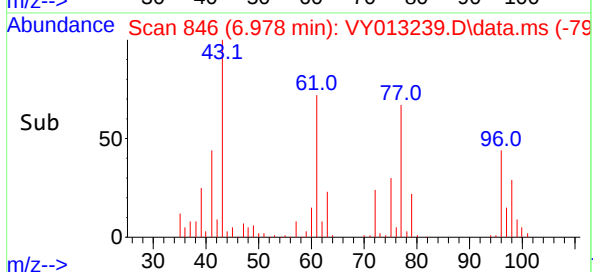
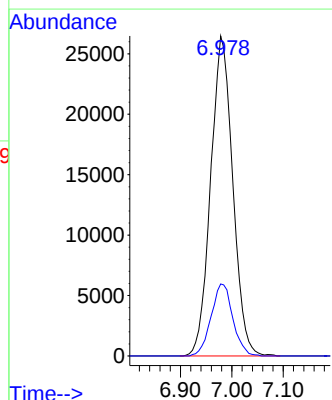
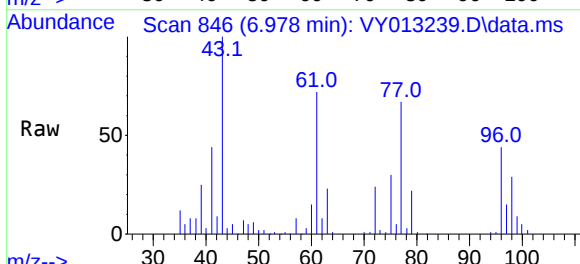
Acq: 11 Apr 2023 13:07

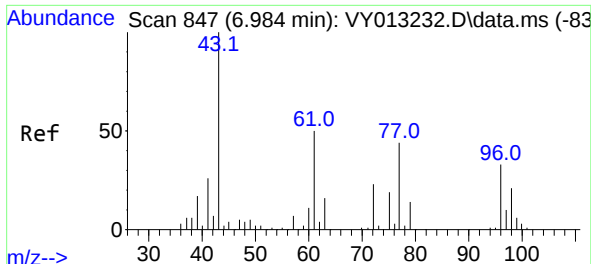
Tgt Ion: 77 Resp: 79055

Ion Ratio Lower Upper

77 100

97 22.1 11.7 35.0

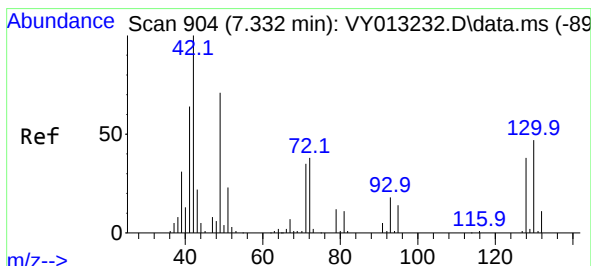
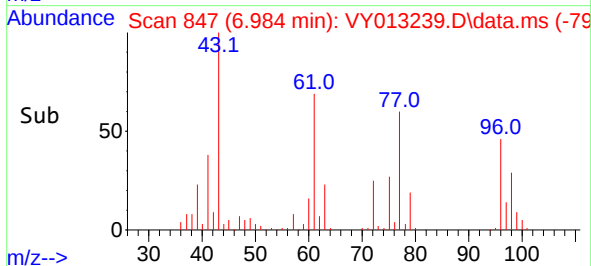
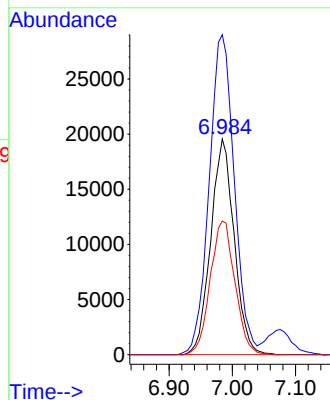
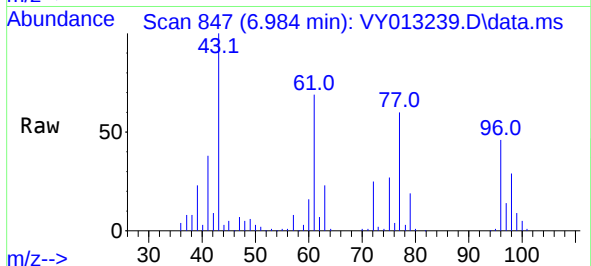




#27
cis-1,2-Dichloroethene
Concen: 49.030 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

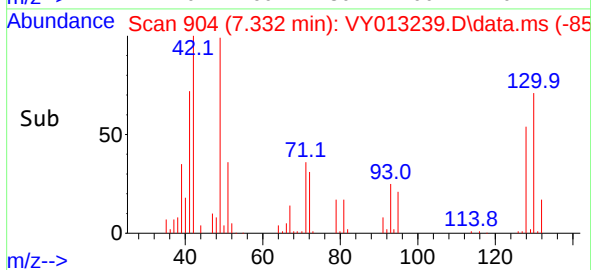
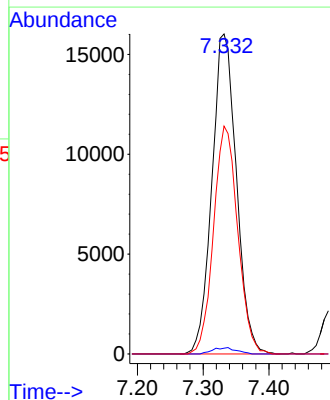
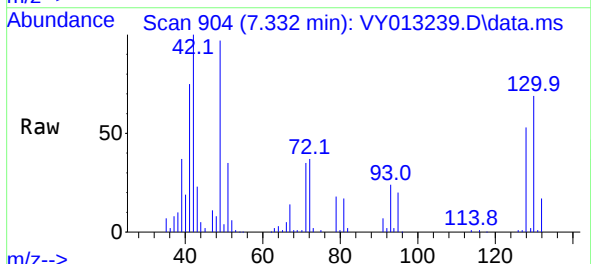
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

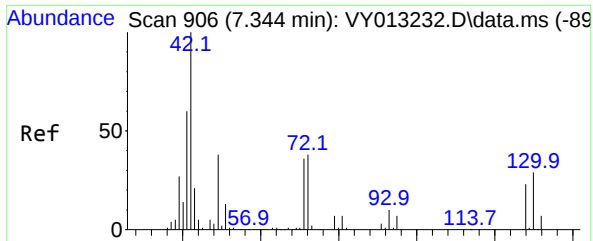
Tgt Ion: 96 Resp: 50311
Ion Ratio Lower Upper
96 100
61 158.5 0.0 295.8
98 65.3 0.0 130.2



#28
Bromochloromethane
Concen: 49.916 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 49 Resp: 41501
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 70.3 60.5 90.7

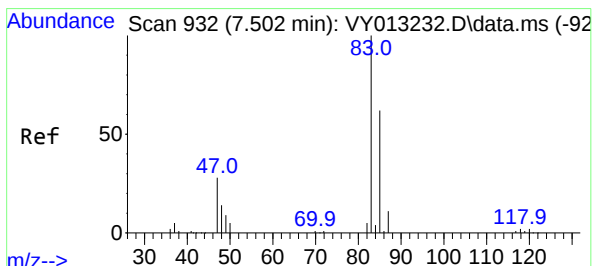
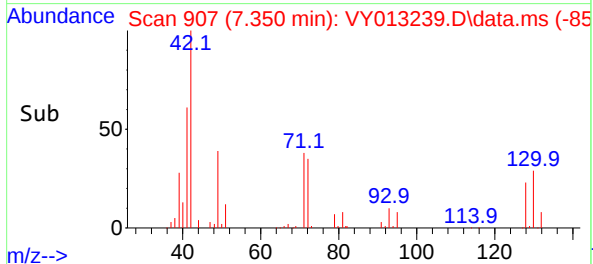
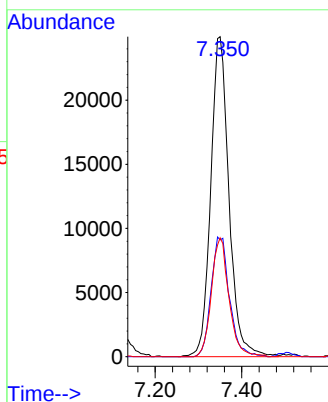
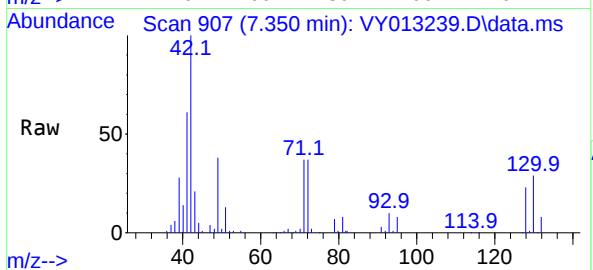




#29
Tetrahydrofuran
Concen: 215.086 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

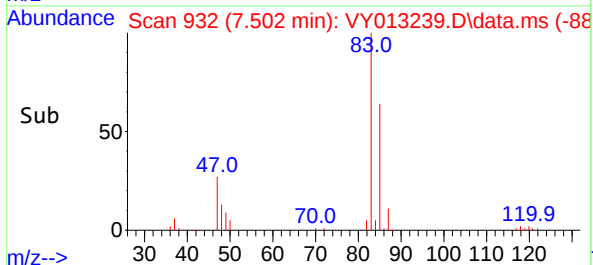
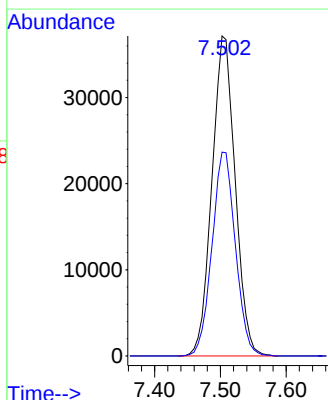
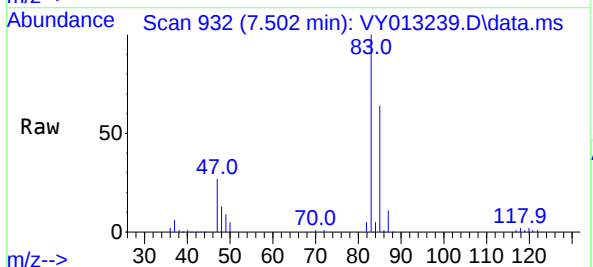
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

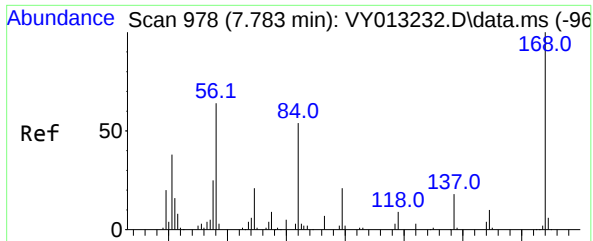
Tgt Ion:	42	Resp:	73000
Ion	Ratio	Lower	Upper
42	100		
72	37.6	32.3	48.5
71	35.7	30.3	45.5



#30
Chloroform
Concen: 49.669 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

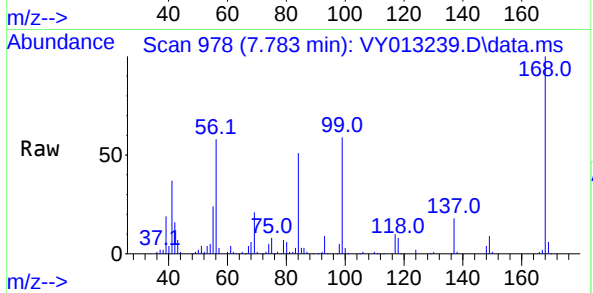
Tgt Ion:	83	Resp:	91272
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.4	77.0



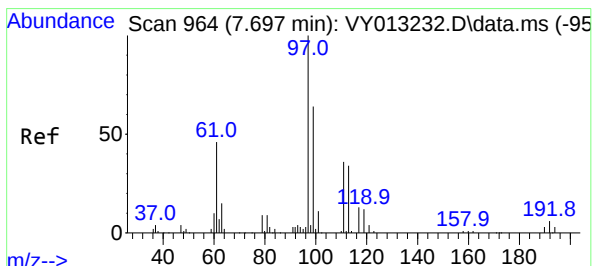
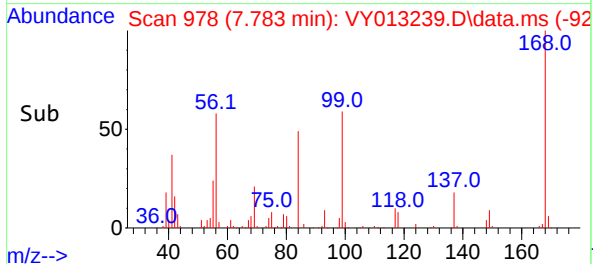
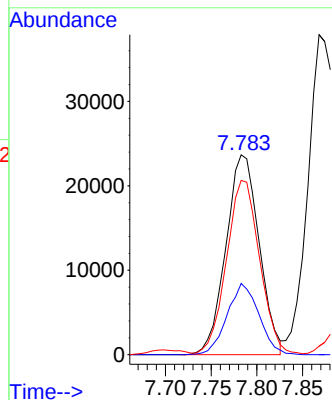


#31
Cyclohexane
Concen: 42.592 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

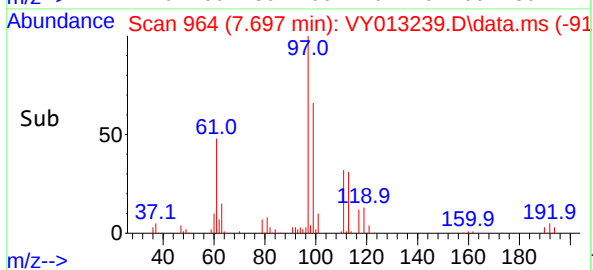
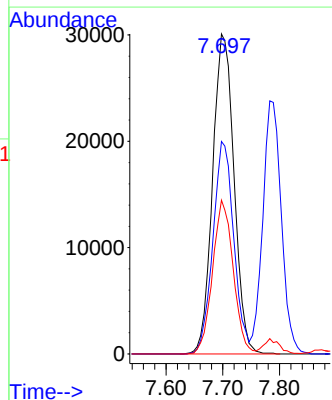
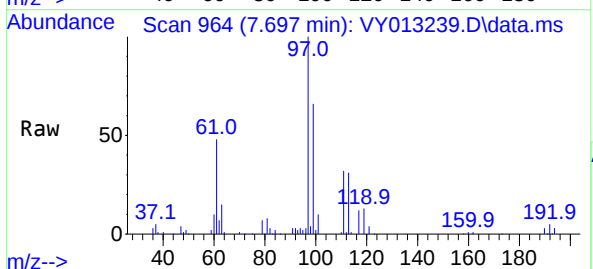


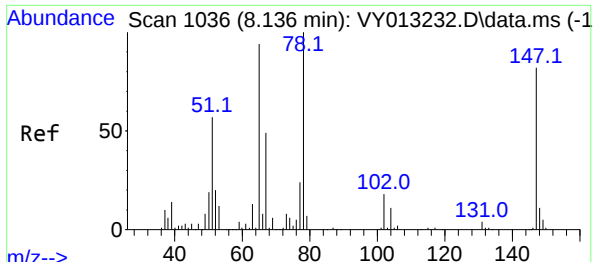
Tgt Ion: 56 Resp: 59921
Ion Ratio Lower Upper
56 100
69 35.7 25.7 38.5
84 85.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 48.926 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 97 Resp: 78777
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 46.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 45.950 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

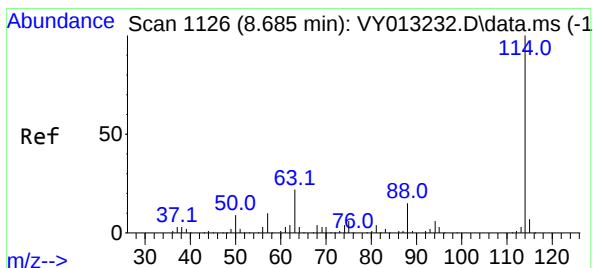
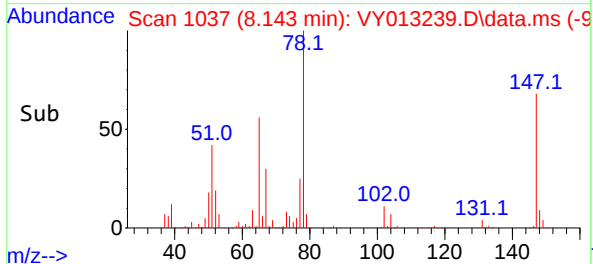
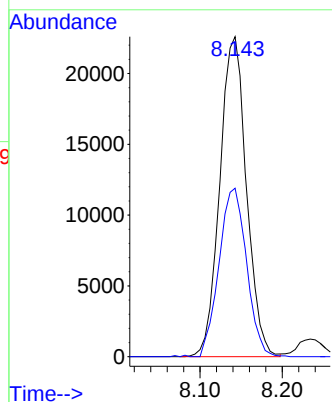
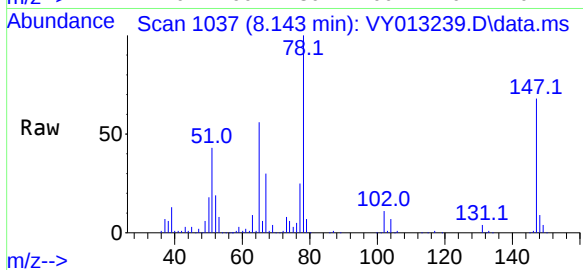
VSTDCCC050

Tgt Ion: 65 Resp: 50849

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

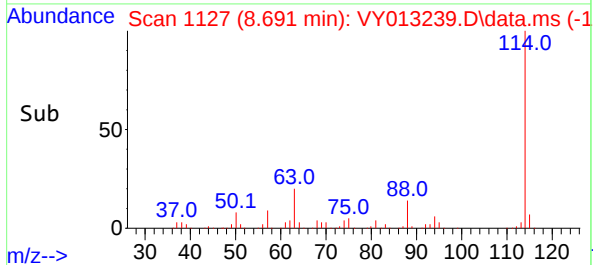
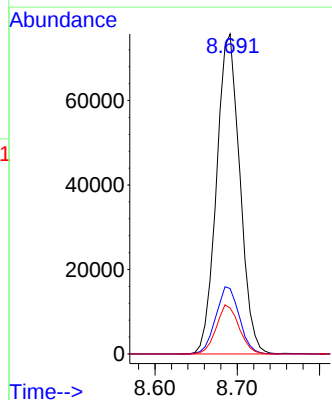
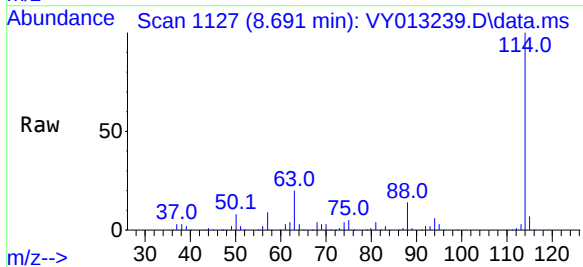
Tgt Ion: 114 Resp: 149392

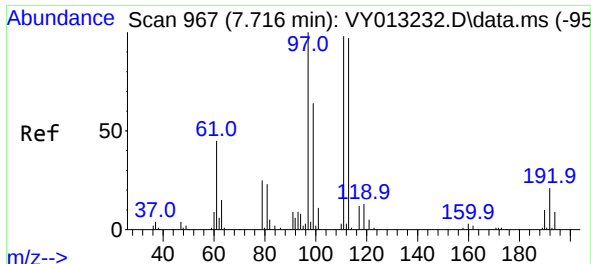
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.4 0.0 28.6

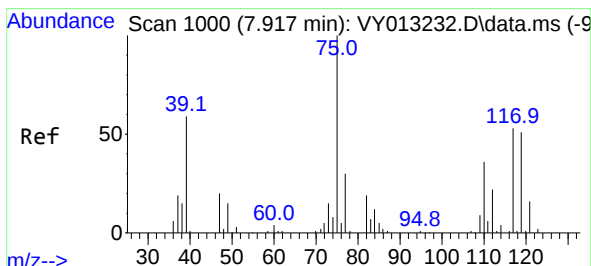
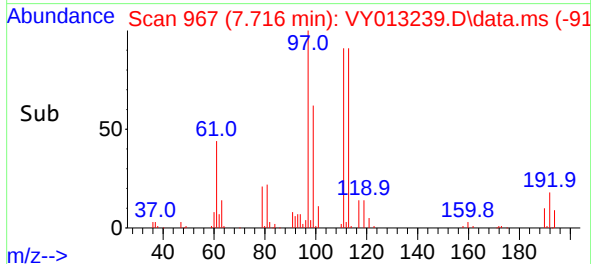
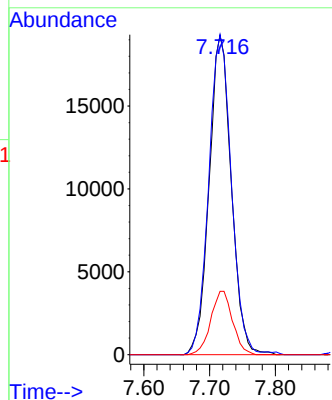
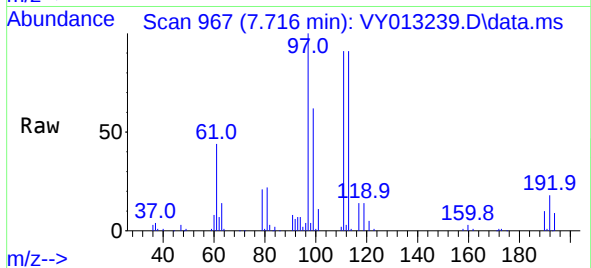




#35
Dibromofluoromethane
Concen: 50.505 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

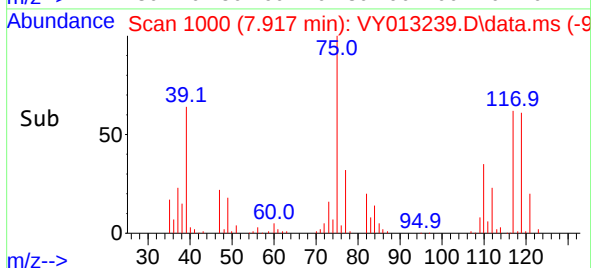
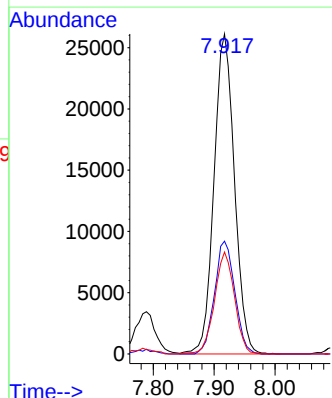
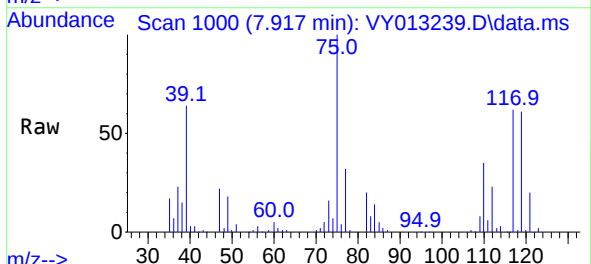
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

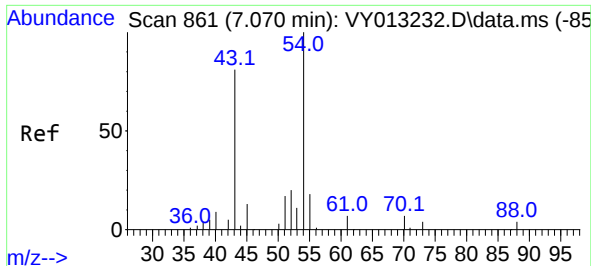
Tgt Ion:113 Resp: 45101
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 49.584 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 75 Resp: 60896
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.3
77 31.1 25.0 37.4

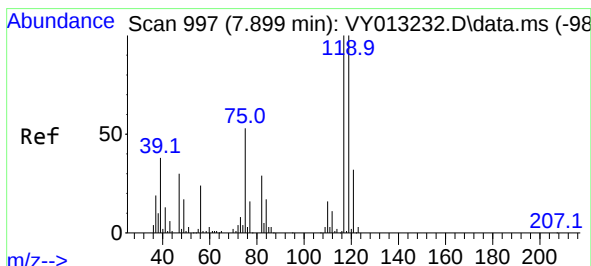
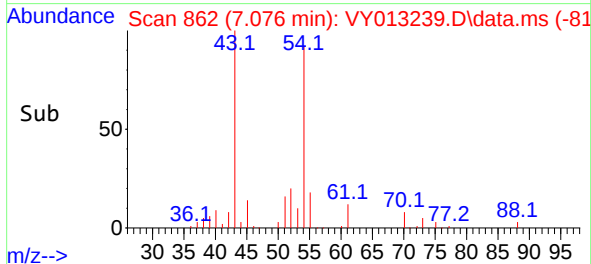
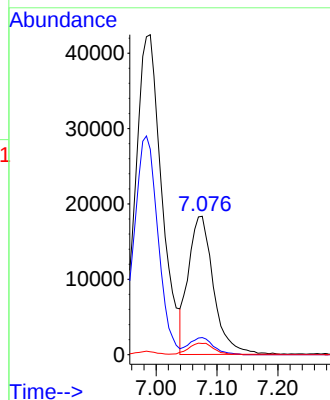
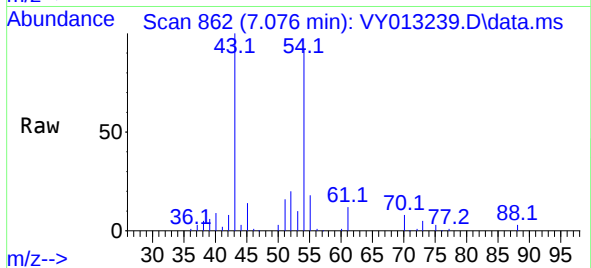




#37
Ethyl Acetate
Concen: 46.077 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

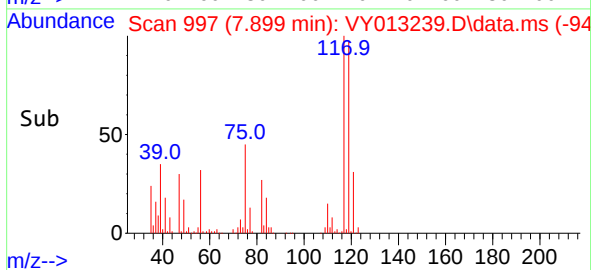
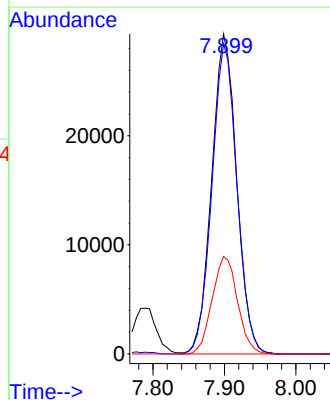
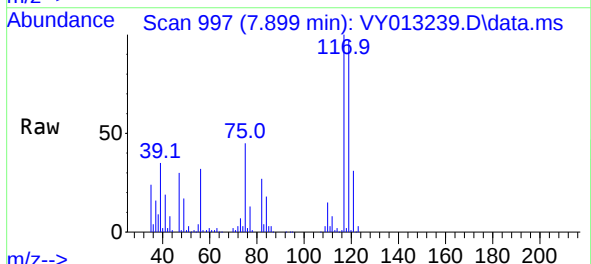
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

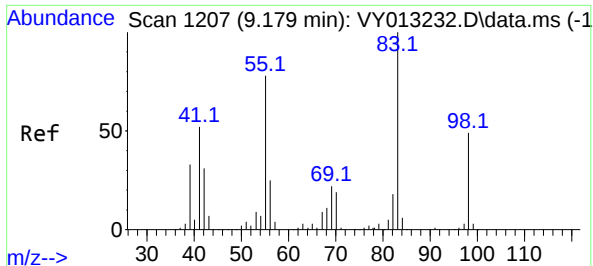
Tgt Ion: 43 Resp: 52382
Ion Ratio Lower Upper
43 100
61 12.2 10.7 16.1
70 8.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.809 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 117 Resp: 71226
Ion Ratio Lower Upper
117 100
119 96.9 77.2 115.8
121 30.5 24.7 37.1





#39

Methylcyclohexane

Concen: 49.867 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

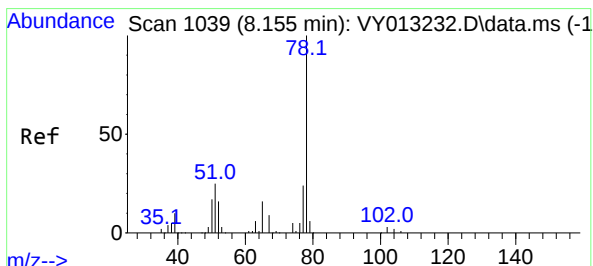
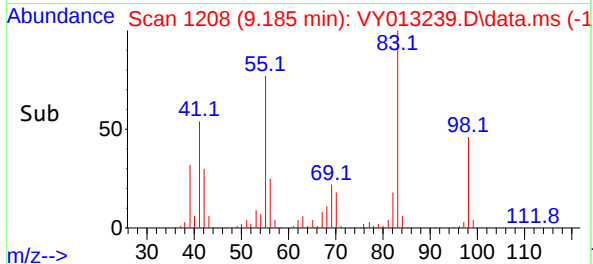
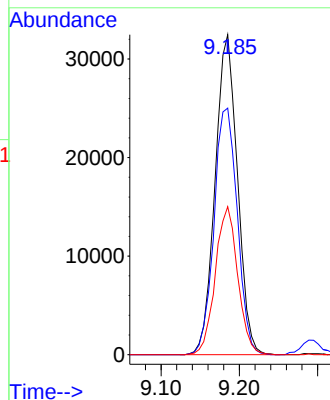
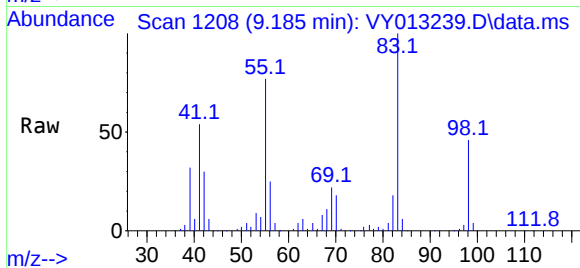
Tgt Ion: 83 Resp: 64358

Ion Ratio Lower Upper

83 100

55 77.0 60.0 90.0

98 46.2 38.3 57.5



#40

Benzene

Concen: 50.784 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY013239.D

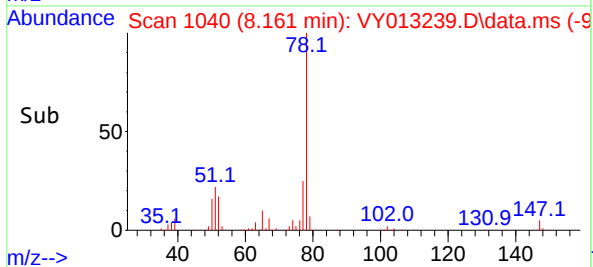
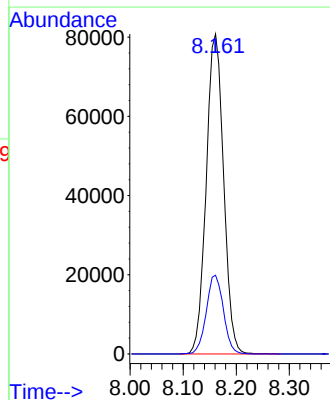
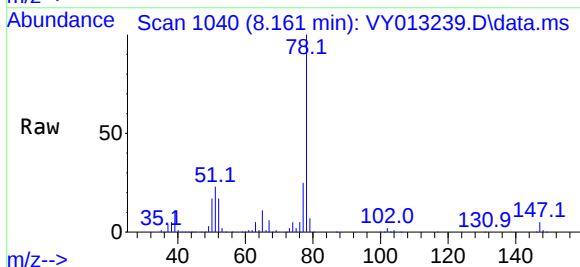
Acq: 11 Apr 2023 13:07

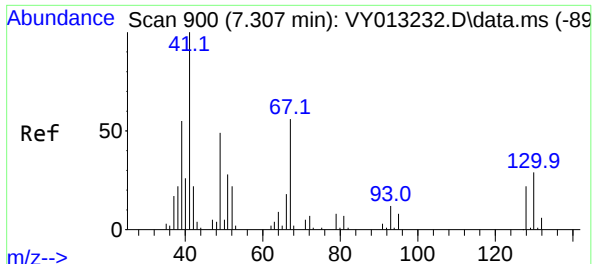
Tgt Ion: 78 Resp: 183731

Ion Ratio Lower Upper

78 100

77 24.6 19.4 29.0



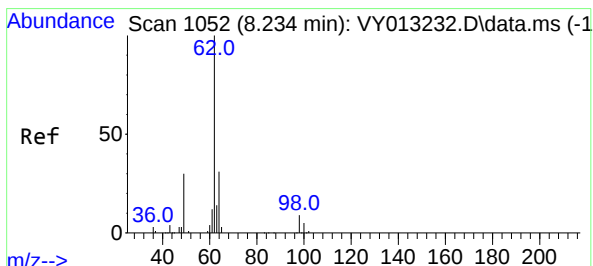
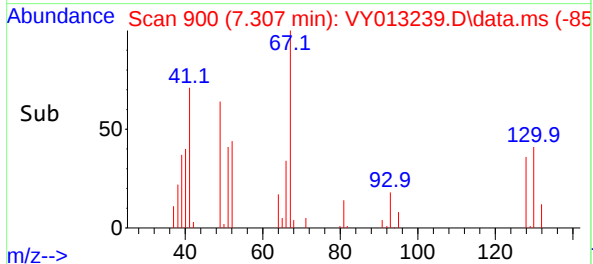
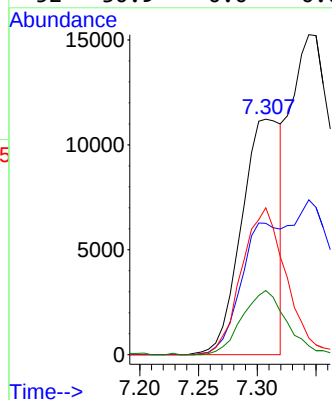
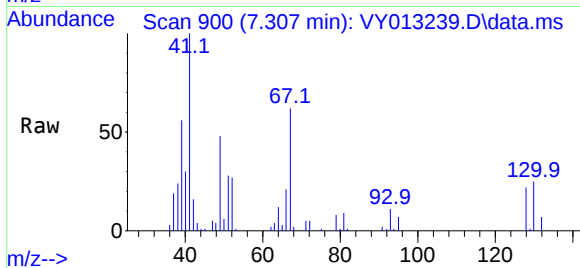


#41
Methacrylonitrile
Concen: 45.804 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Instrument :
MSVOA_Y
Client SampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 26172

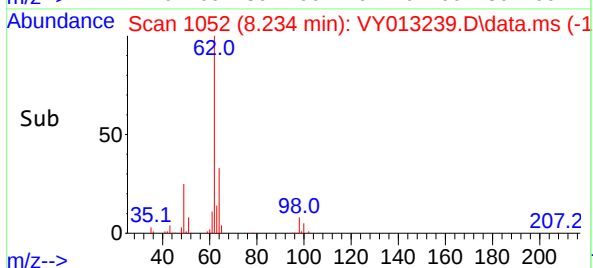
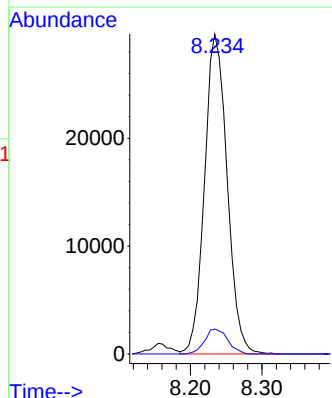
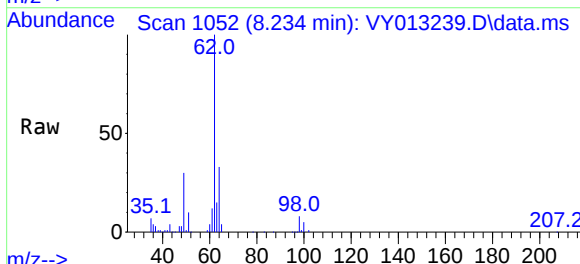
Ion	Ratio	Lower	Upper
41	100		
39	55.7	0.0	0.0#
67	70.9	0.0	0.0#
52	30.9	0.0	0.0#

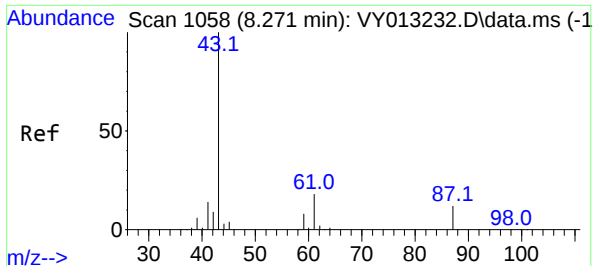


#42
1,2-Dichloroethane
Concen: 49.002 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 62 Resp: 65128

Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	18.8

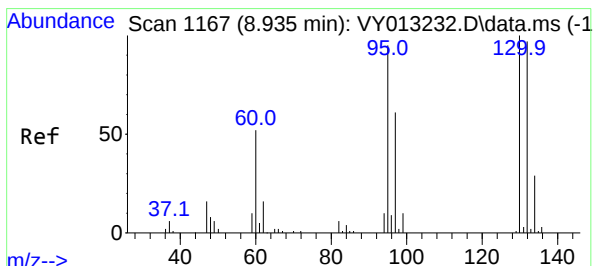
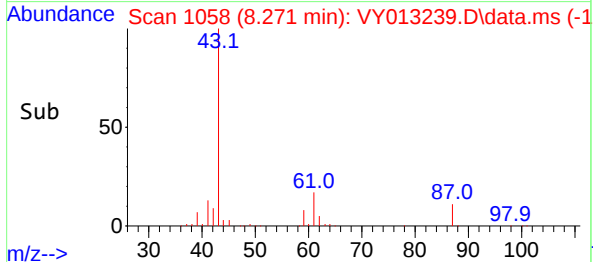
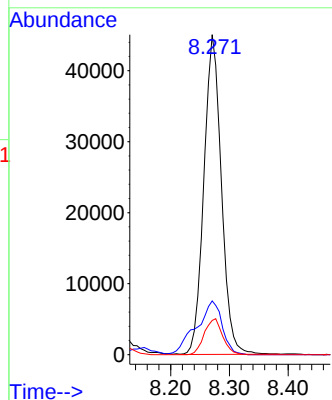
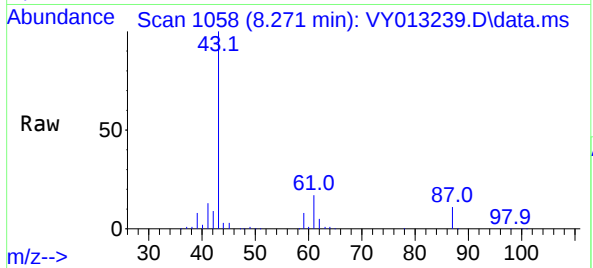




#43
Isopropyl Acetate
Concen: 46.888 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

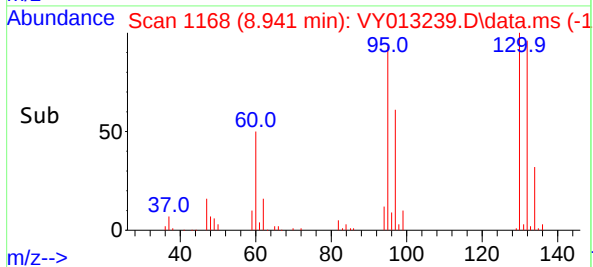
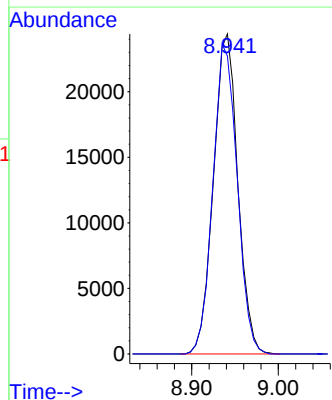
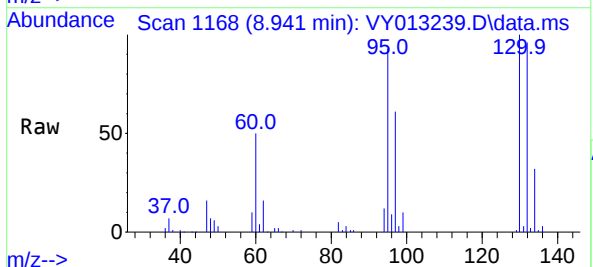
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

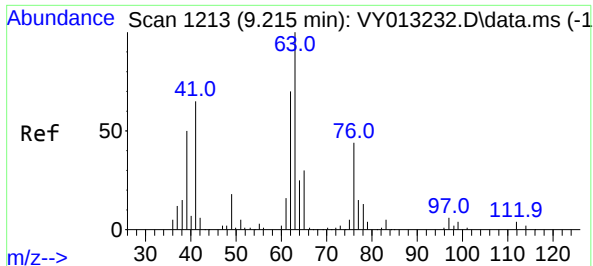
Tgt Ion: 43 Resp: 93114
Ion Ratio Lower Upper
43 100
61 24.8 21.6 32.4
87 11.8 9.9 14.9



#44
Trichloroethene
Concen: 50.470 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:130 Resp: 47657
Ion Ratio Lower Upper
130 100
95 93.1 0.0 185.0





#45

1,2-Dichloropropane

Concen: 52.877 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

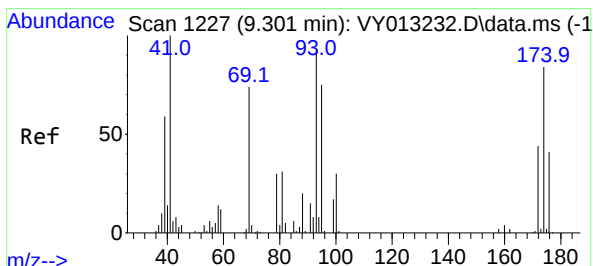
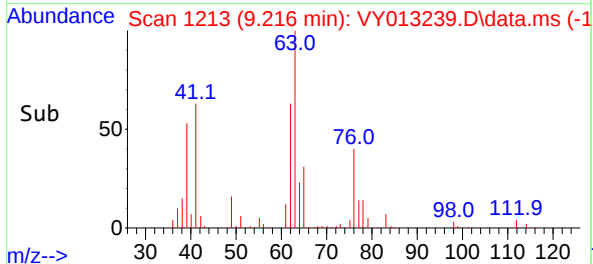
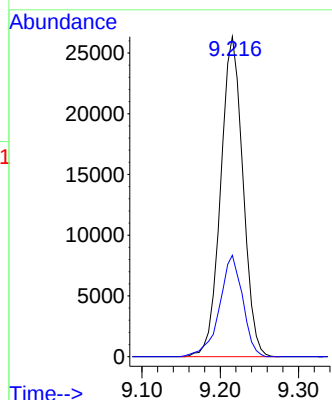
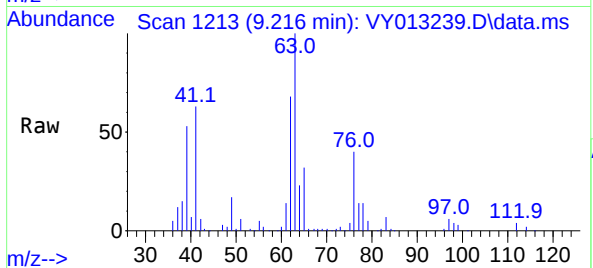
VSTDCCC050

Tgt Ion: 63 Resp: 52096

Ion Ratio Lower Upper

63 100

65 31.7 25.7 38.5



#46

Dibromomethane

Concen: 49.764 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

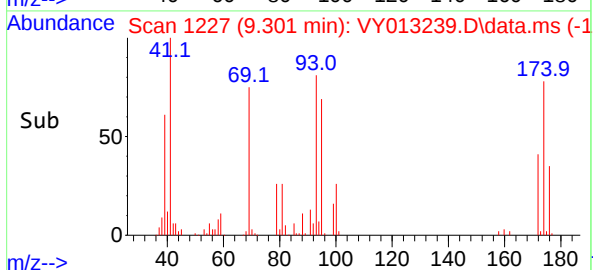
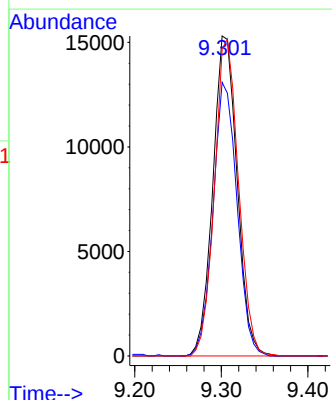
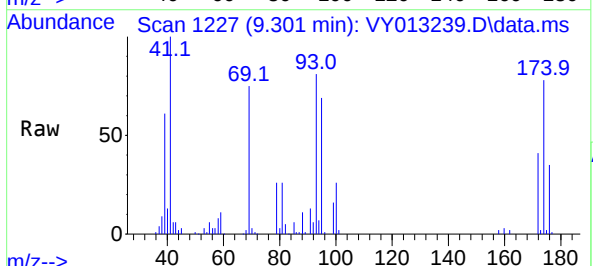
Tgt Ion: 93 Resp: 29842

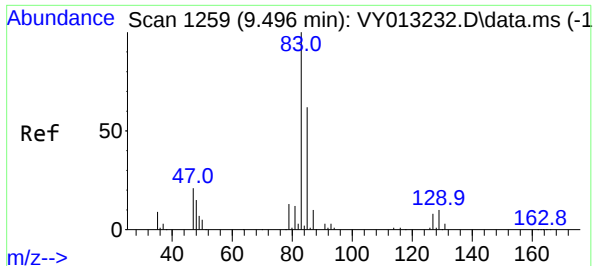
Ion Ratio Lower Upper

93 100

95 84.4 65.6 98.4

174 97.8 81.3 121.9

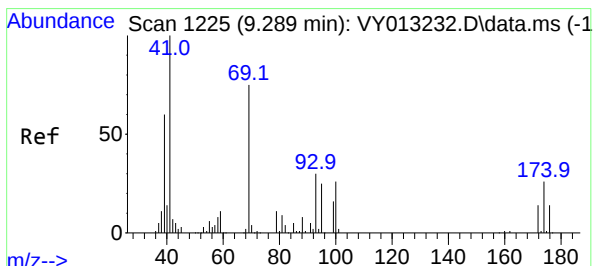
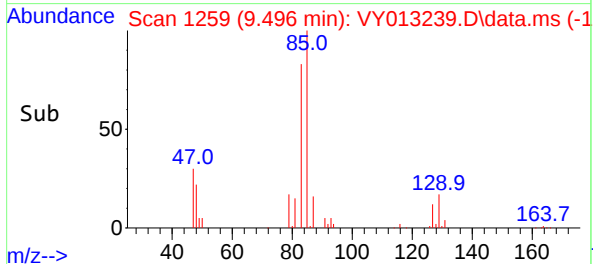
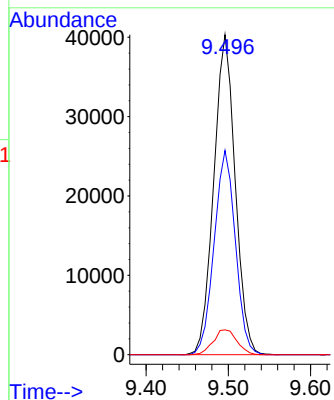
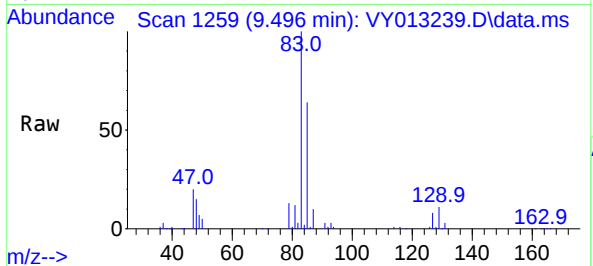




#47
Bromodichloromethane
Concen: 50.505 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

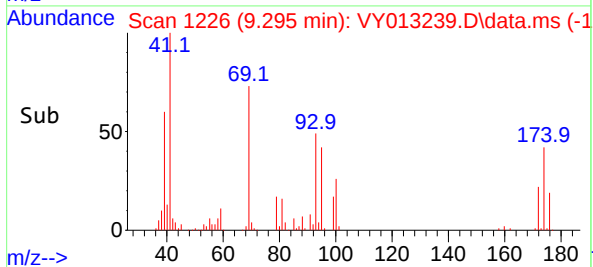
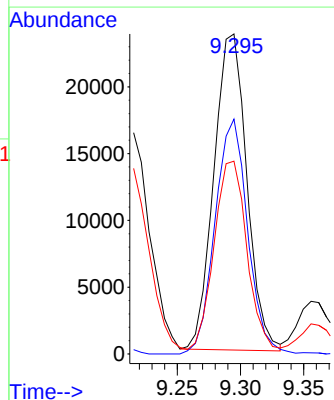
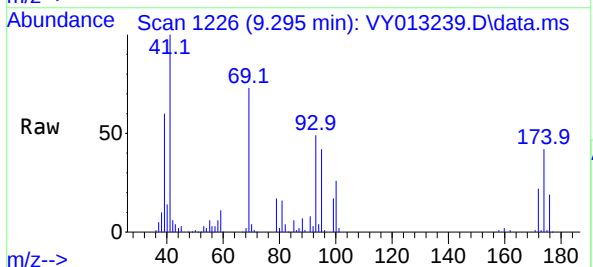
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

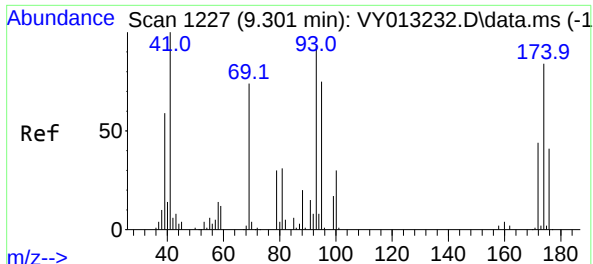
Tgt Ion: 83 Resp: 73130
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 7.8 6.3 9.5



#48
Methyl methacrylate
Concen: 49.124 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 41 Resp: 42838
Ion Ratio Lower Upper
41 100
69 73.8 64.1 96.1
39 62.1 44.0 66.0





#49

1,4-Dioxane

Concen: 939.504 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

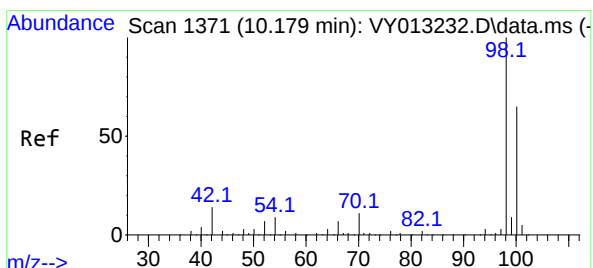
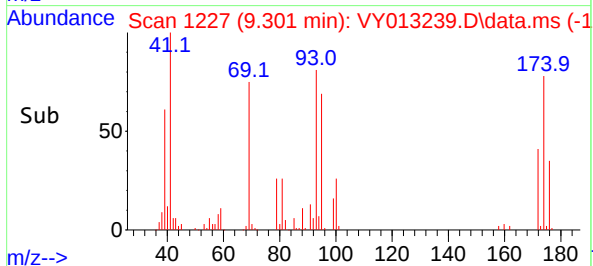
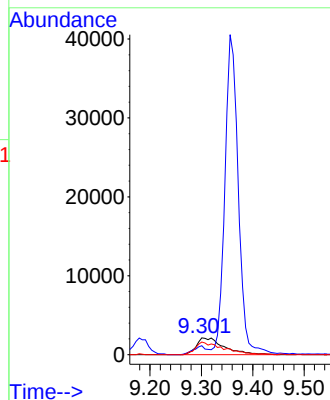
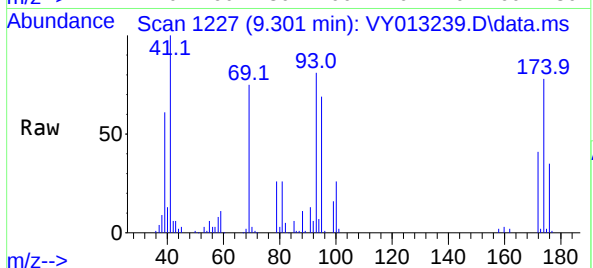
Tgt Ion: 88 Resp: 8014

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

58 77.0 55.2 82.8



#50

Toluene-d8

Concen: 52.353 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013239.D

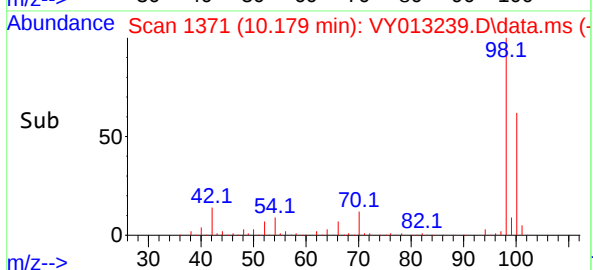
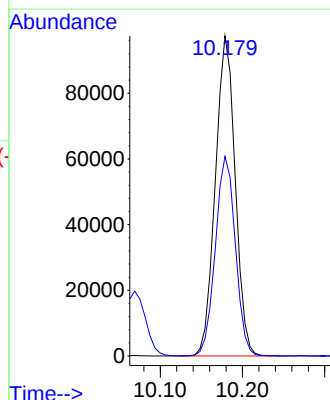
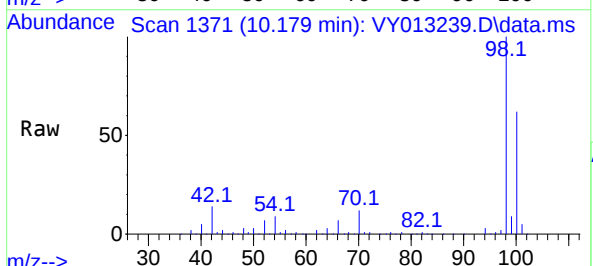
Acq: 11 Apr 2023 13:07

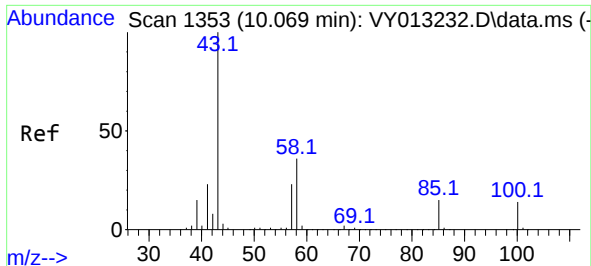
Tgt Ion: 98 Resp: 163681

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3

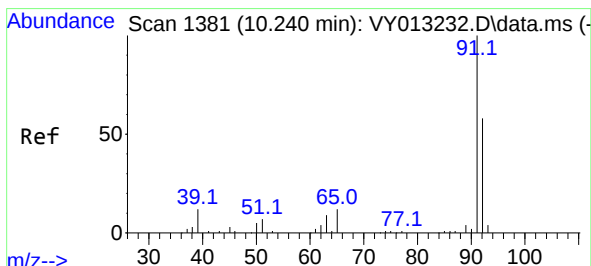
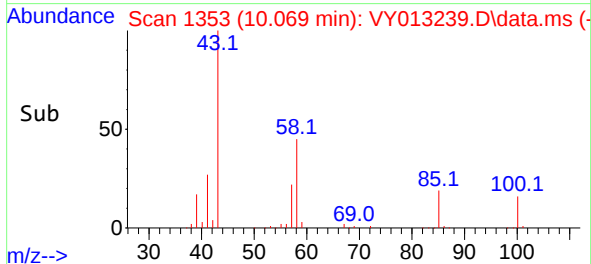
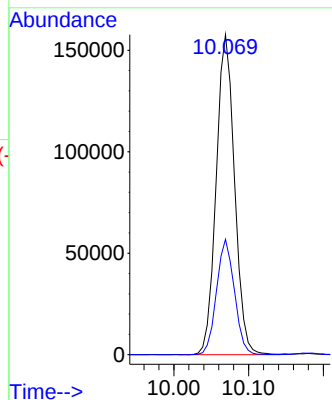
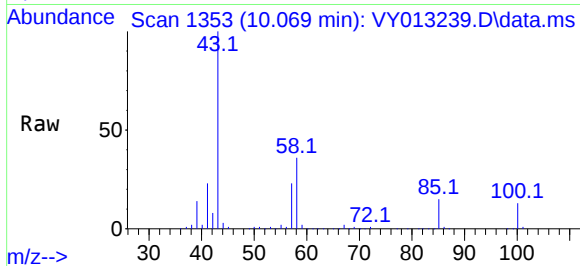




#51
4-Methyl-2-Pentanone
Concen: 239.144 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

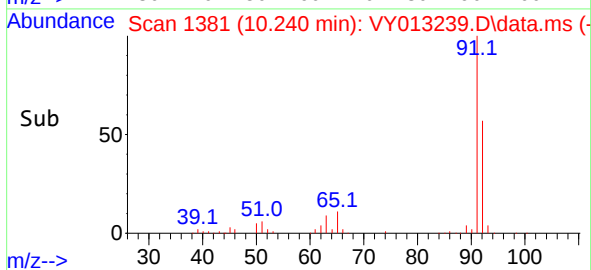
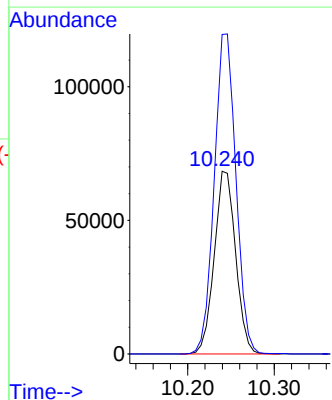
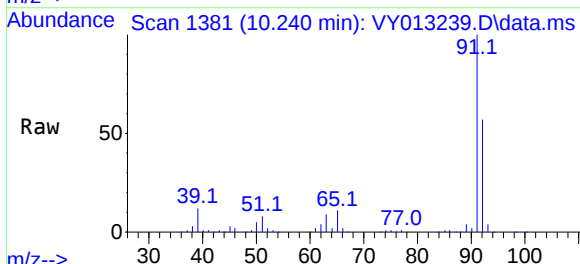
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

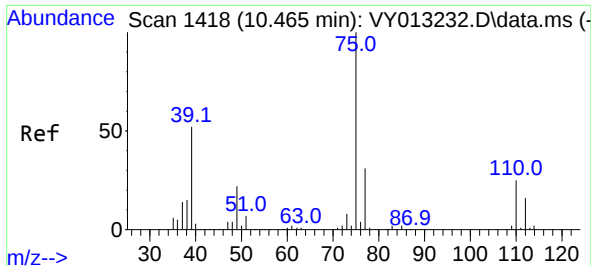
Tgt Ion: 43 Resp: 269313
Ion Ratio Lower Upper
43 100
58 35.0 29.8 44.6



#52
Toluene
Concen: 51.668 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 92 Resp: 117212
Ion Ratio Lower Upper
92 100
91 177.8 141.3 211.9

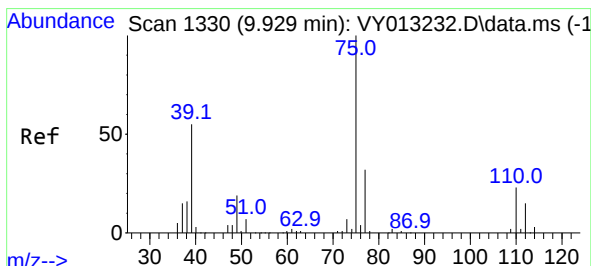
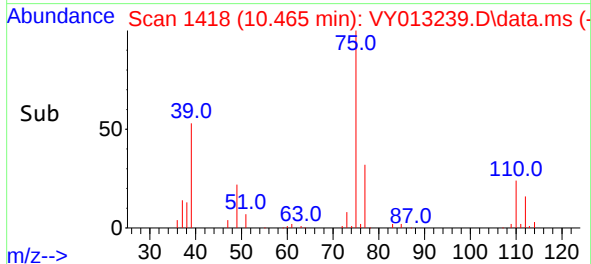
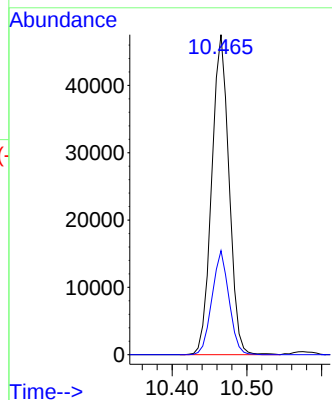
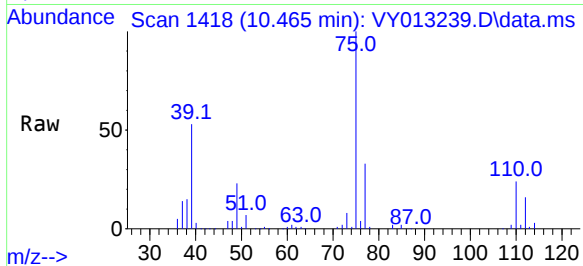




#53
t-1,3-Dichloropropene
Concen: 50.377 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

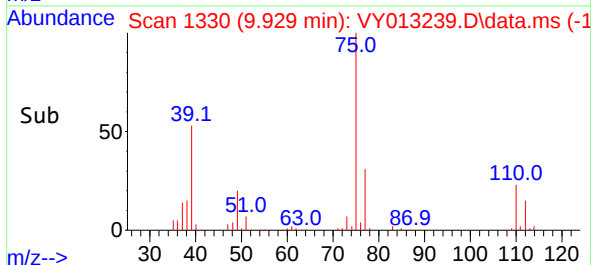
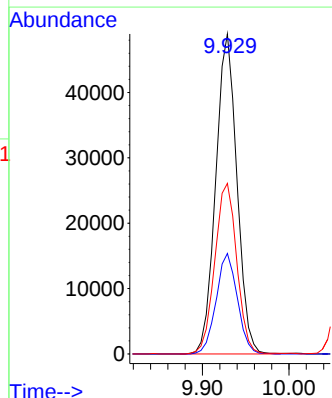
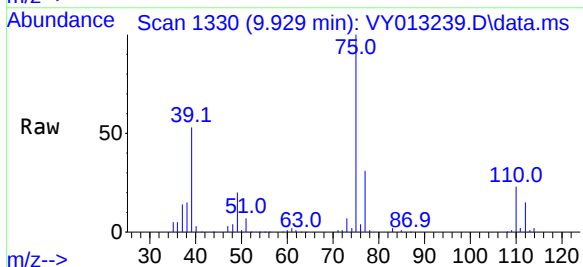
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

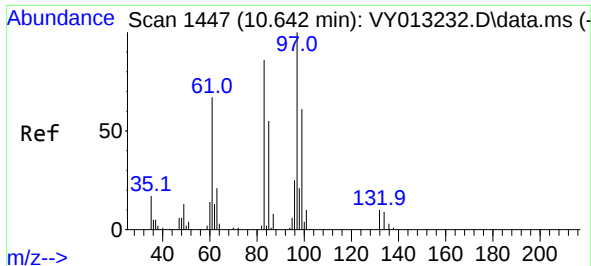
Tgt Ion: 75 Resp: 76435
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 51.106 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 75 Resp: 83157
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 53.3 39.0 58.4

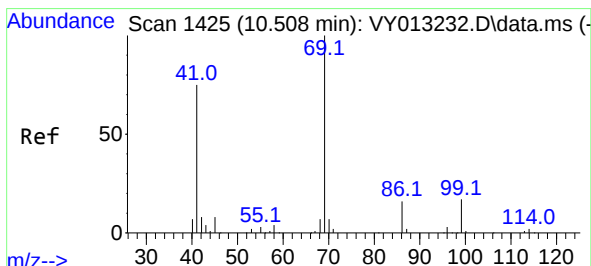
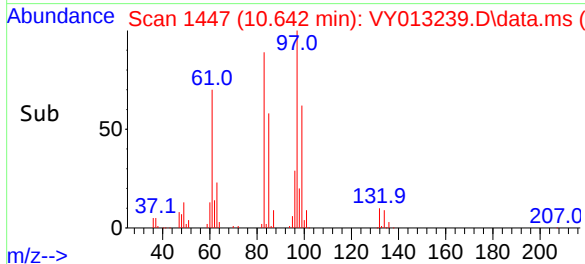
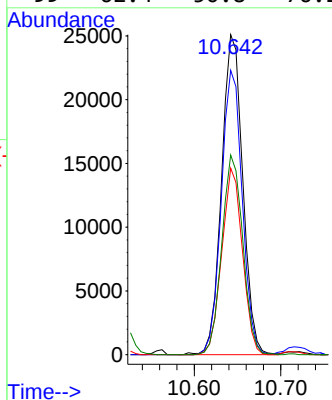
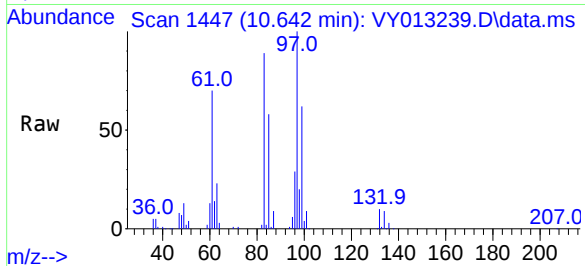




#55
1,1,2-Trichloroethane
Concen: 50.245 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

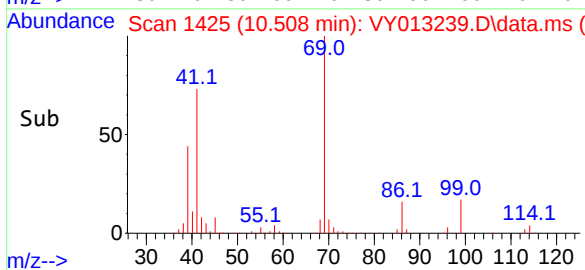
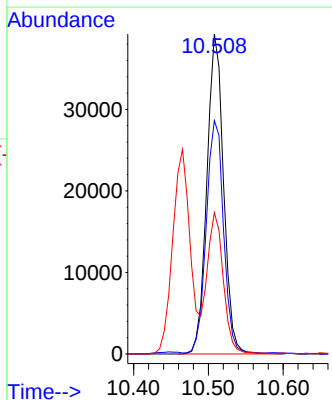
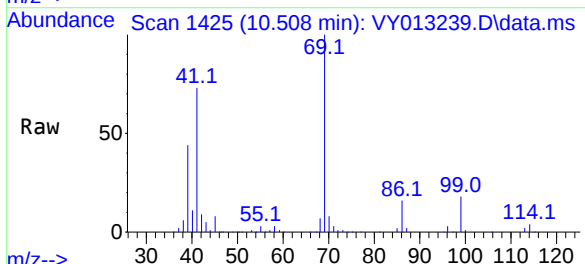
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

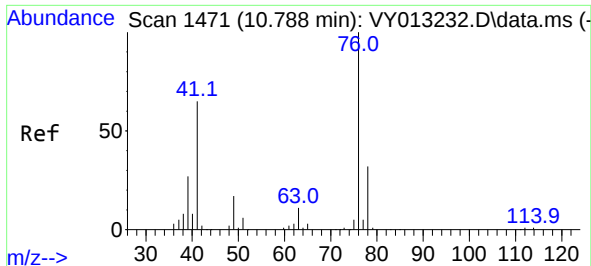
Tgt Ion: 97	Resp: 42614
Ion Ratio	Lower Upper
97 100	
83 88.9	69.0 103.6
85 58.3	44.9 67.3
99 62.4	50.8 76.2



#56
Ethyl methacrylate
Concen: 51.387 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 69	Resp: 60893
Ion Ratio	Lower Upper
69 100	
41 75.4	56.4 84.6
39 41.8	30.8 46.2

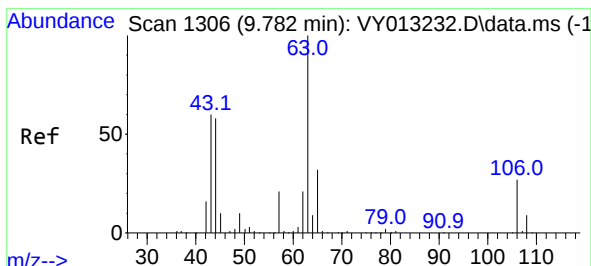
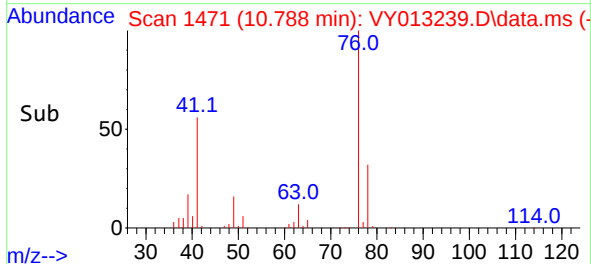
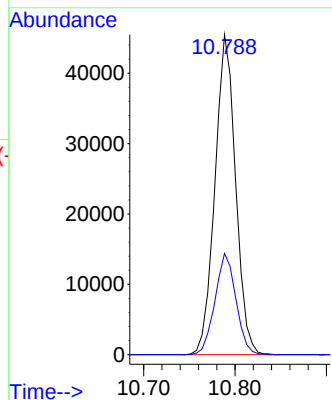
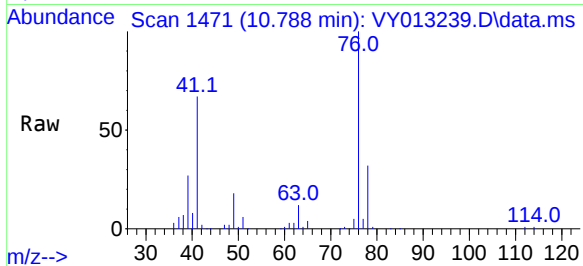




#57
1,3-Dichloropropane
Concen: 49.868 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

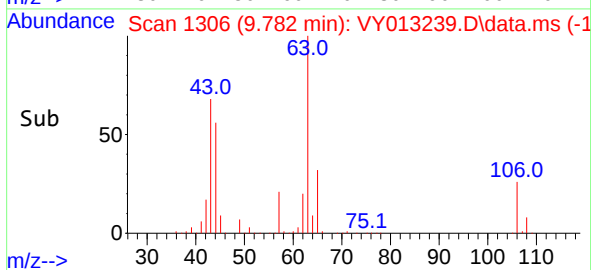
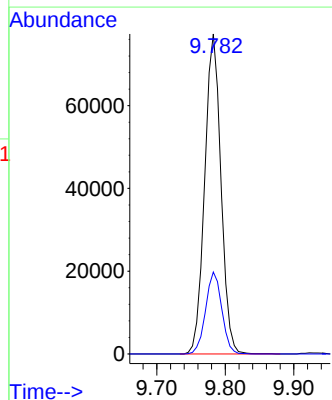
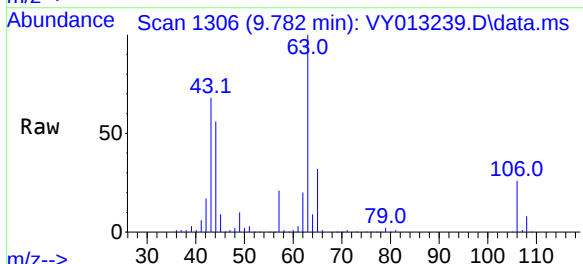
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

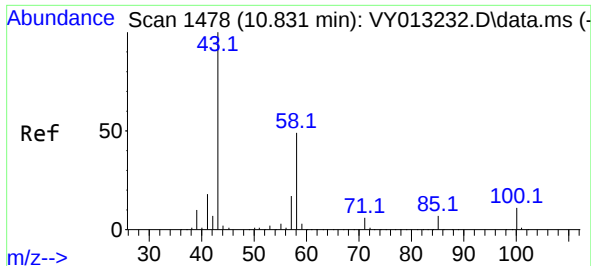
Tgt Ion: 76 Resp: 71336
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 237.471 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 63 Resp: 127632
Ion Ratio Lower Upper
63 100
106 25.5 22.1 33.1





#59

2-Hexanone

Concen: 243.036 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

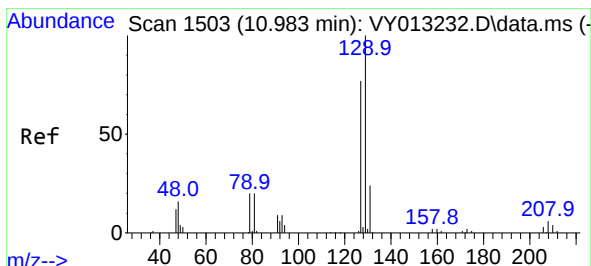
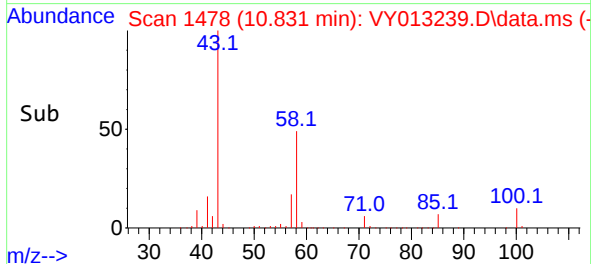
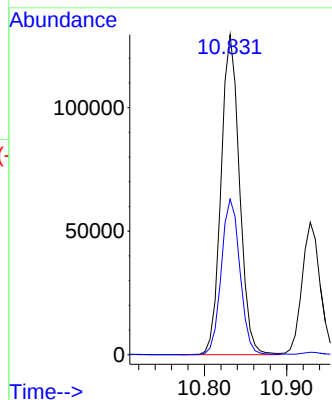
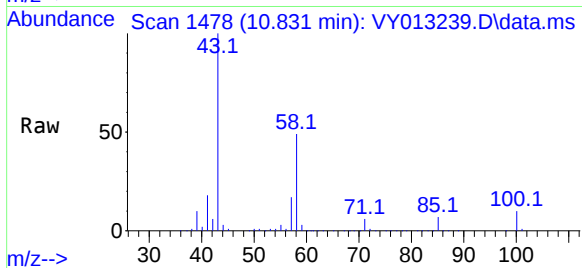
VSTDCCC050

Tgt Ion: 43 Resp: 201842

Ion Ratio Lower Upper

43 100

58 49.1 25.9 77.8



#60

Dibromochloromethane

Concen: 51.273 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY013239.D

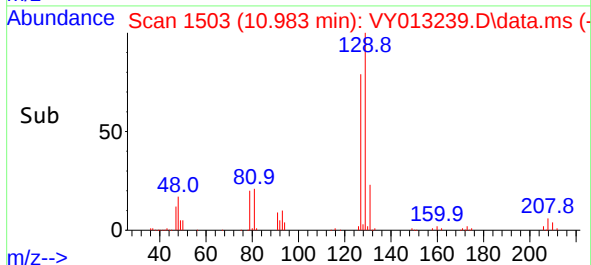
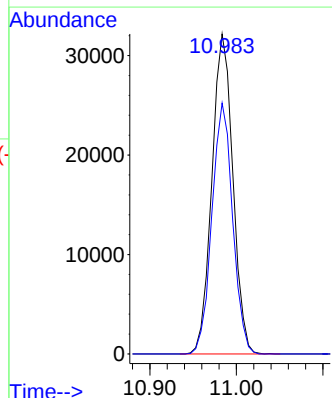
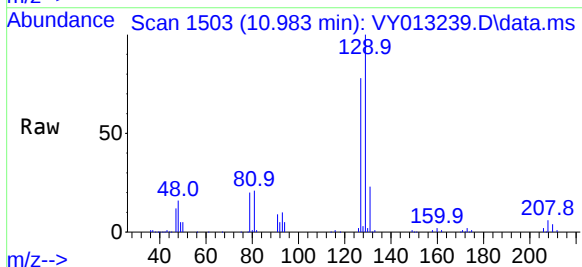
Acq: 11 Apr 2023 13:07

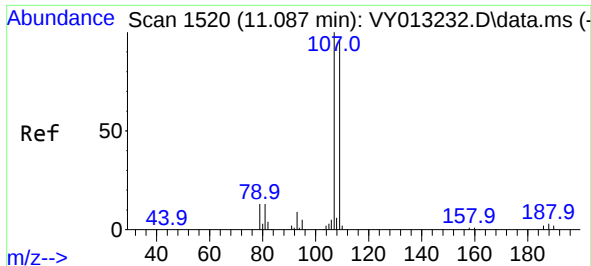
Tgt Ion:129 Resp: 54112

Ion Ratio Lower Upper

129 100

127 77.5 38.7 116.1

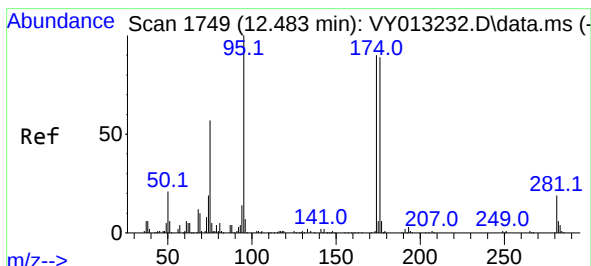
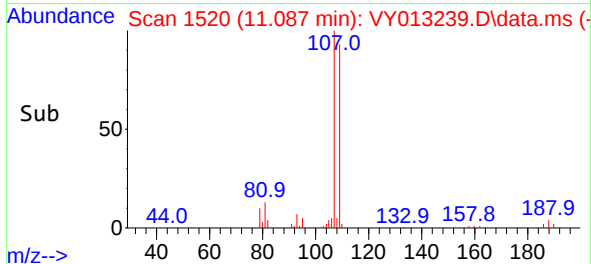
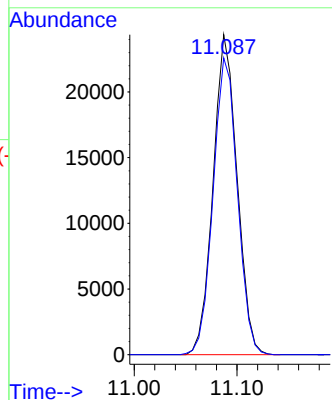
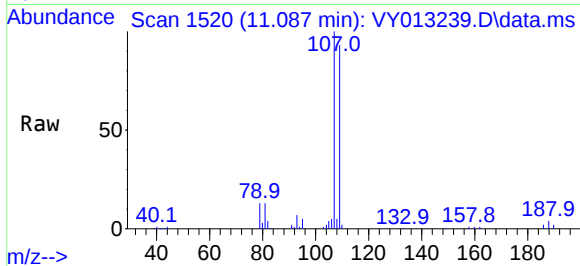




#61
1,2-Dibromoethane
Concen: 48.741 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

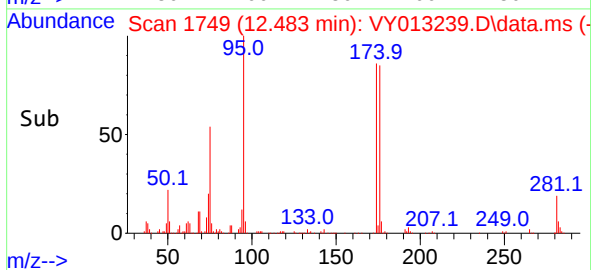
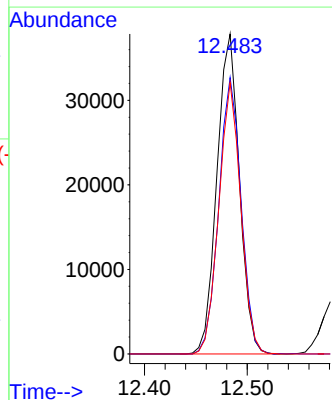
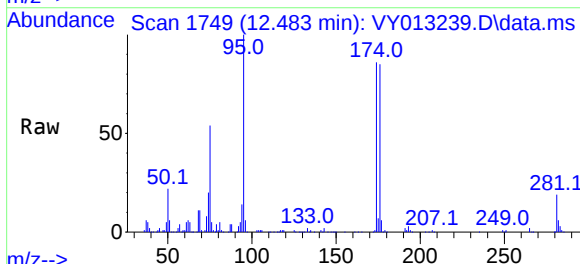
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

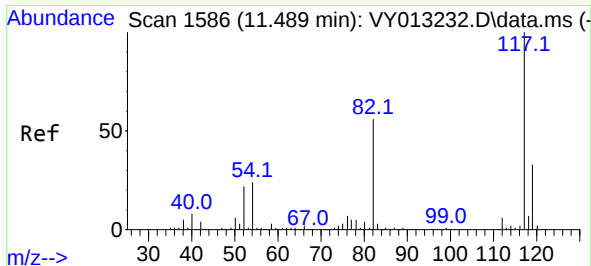
Tgt Ion:107 Resp: 39460
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.371 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 95 Resp: 57353
Ion Ratio Lower Upper
95 100
174 85.8 0.0 176.6
176 82.7 0.0 170.2

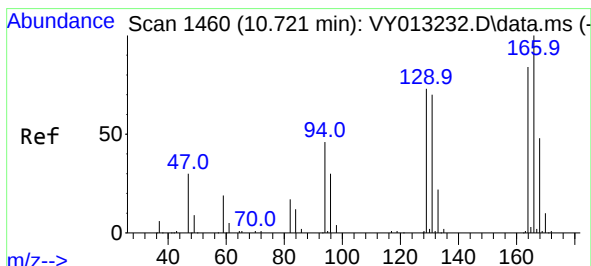
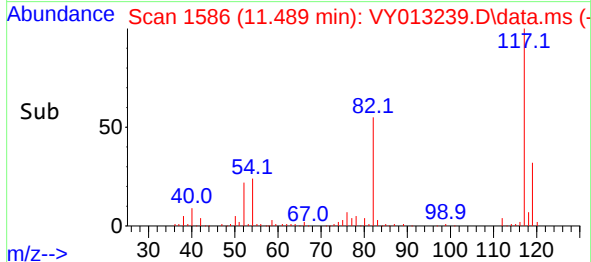
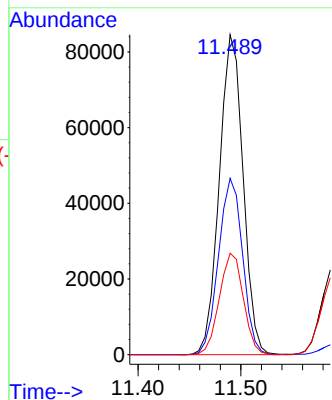
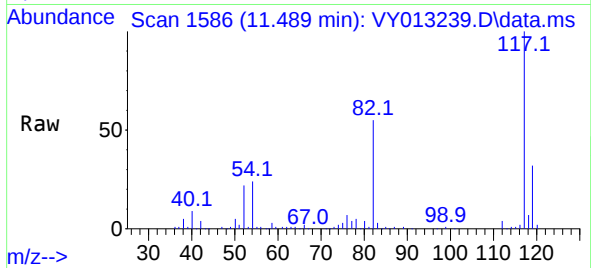




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

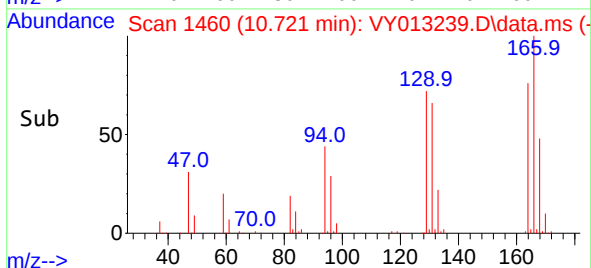
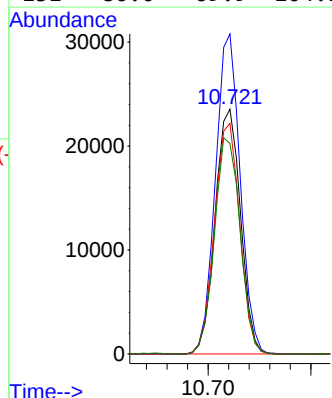
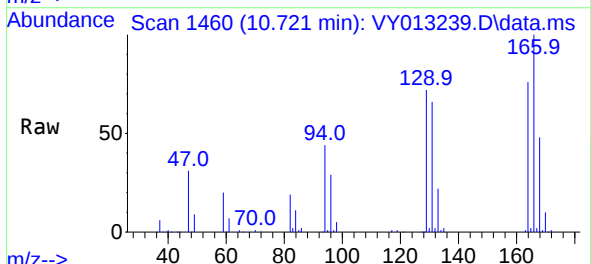
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

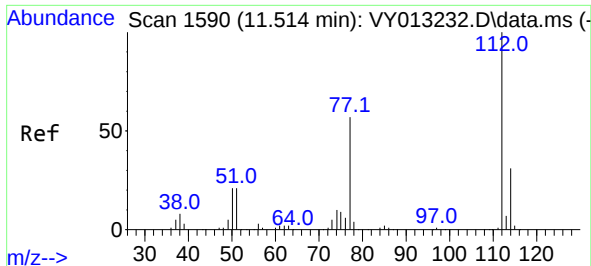
Tgt Ion:117 Resp: 135735
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 48.096 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:164 Resp: 40307
Ion Ratio Lower Upper
164 100
166 130.8 103.4 155.2
129 94.2 71.4 107.2
131 86.0 69.9 104.9

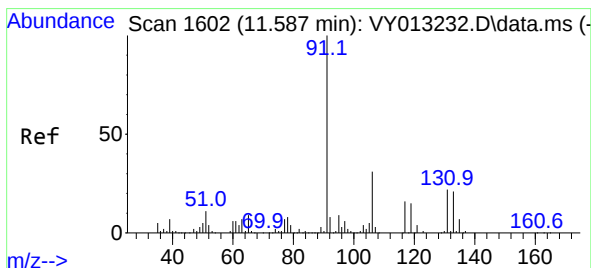
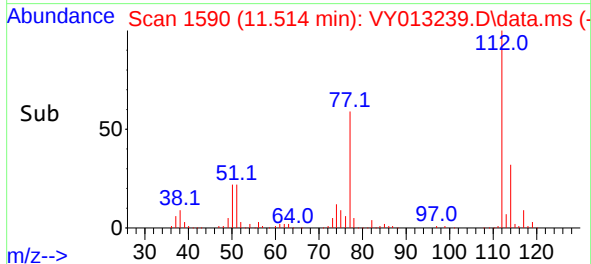
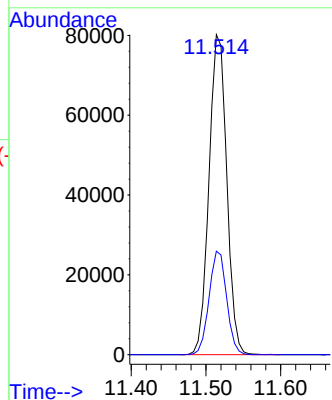
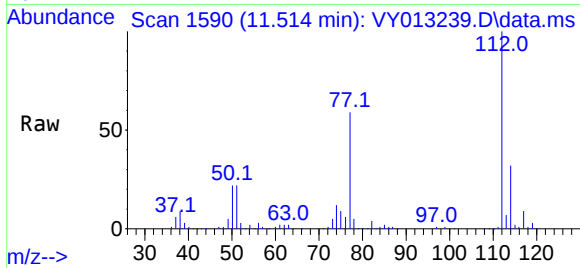




#65
Chlorobenzene
Concen: 51.257 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

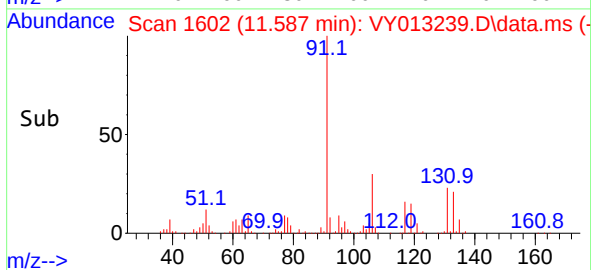
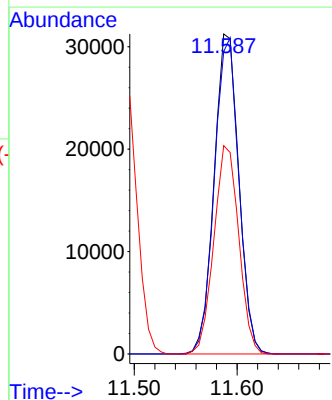
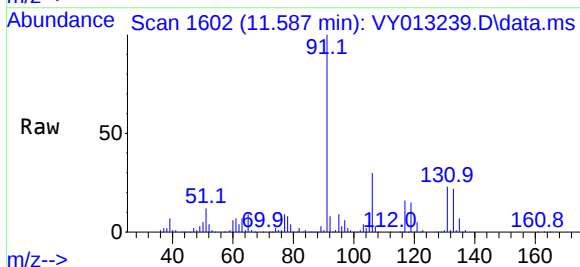
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

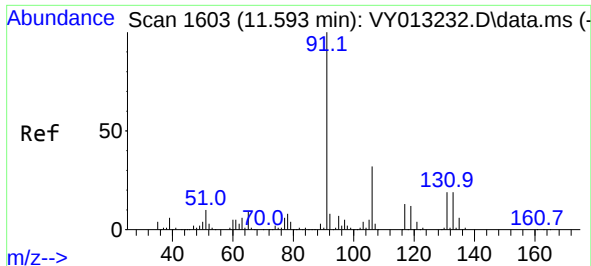
Tgt Ion:112 Resp: 132591
Ion Ratio Lower Upper
112 100
114 32.4 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.566 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:131 Resp: 52023
Ion Ratio Lower Upper
131 100
133 98.1 48.0 144.0
119 65.7 32.6 98.0

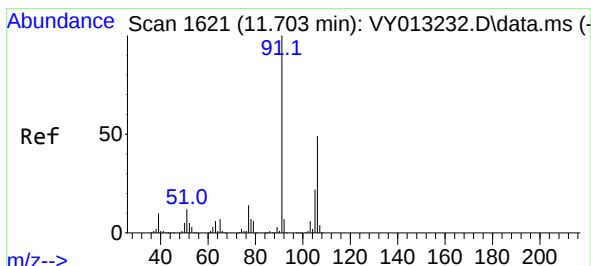
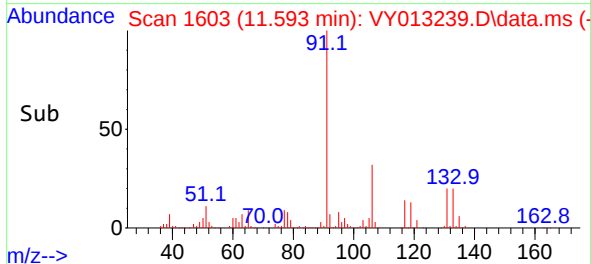
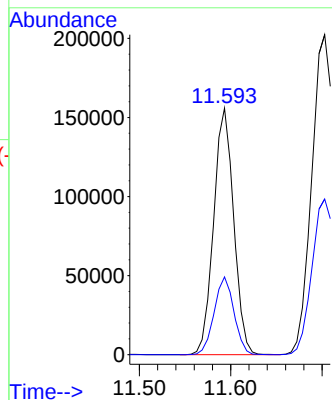
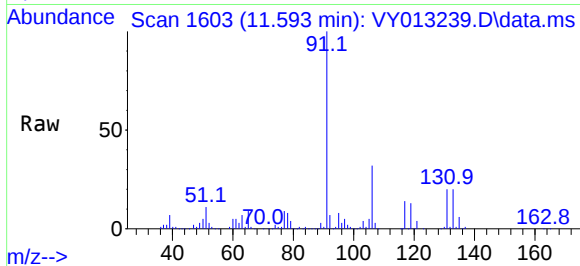




#67
Ethyl Benzene
Concen: 52.844 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

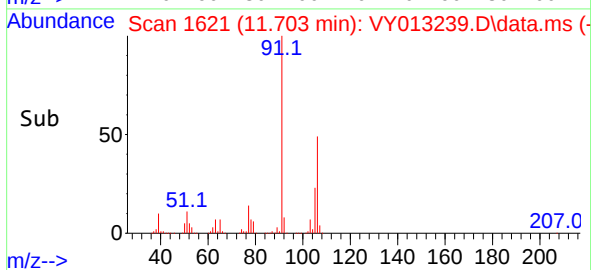
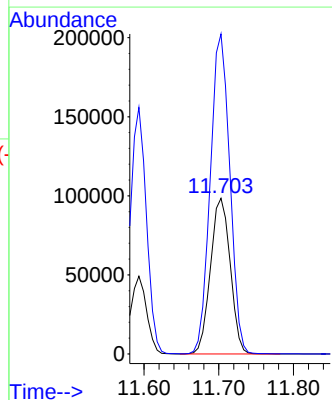
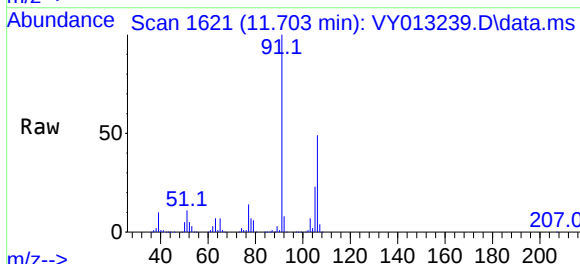
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

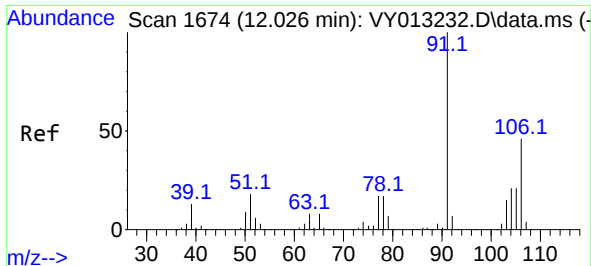
Tgt Ion: 91 Resp: 237270
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 105.779 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:106 Resp: 180722
Ion Ratio Lower Upper
106 100
91 203.3 159.8 239.8





#69

o-Xylene

Concen: 53.691 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

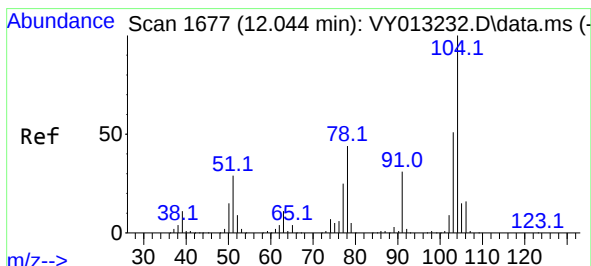
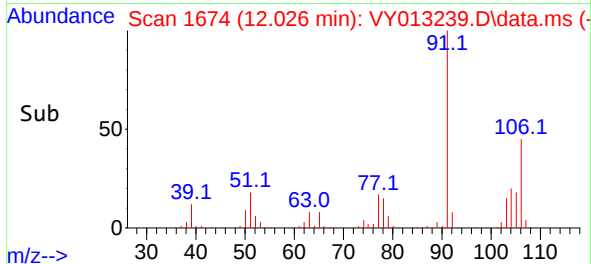
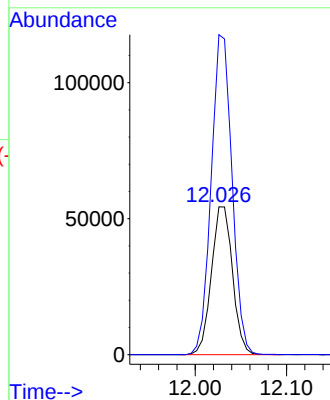
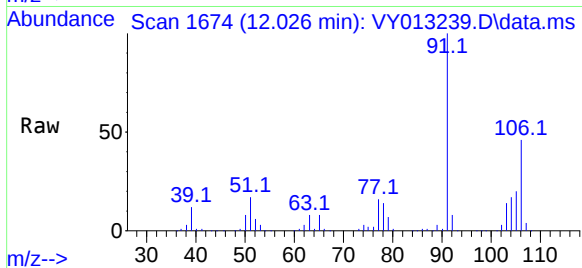
VSTDCCC050

Tgt Ion:106 Resp: 87192

Ion Ratio Lower Upper

106 100

91 213.9 107.2 321.6



#70

Styrene

Concen: 53.898 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

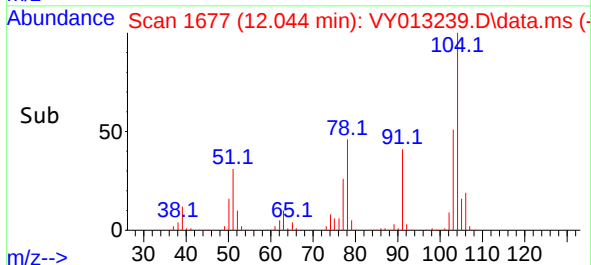
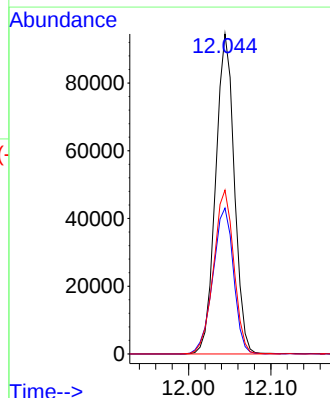
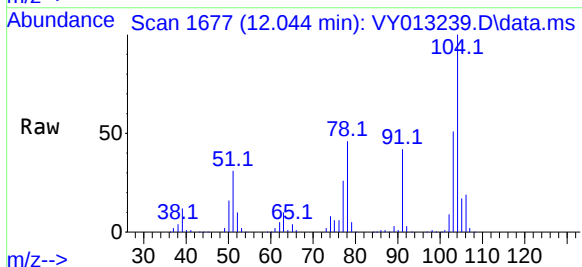
Tgt Ion:104 Resp: 149265

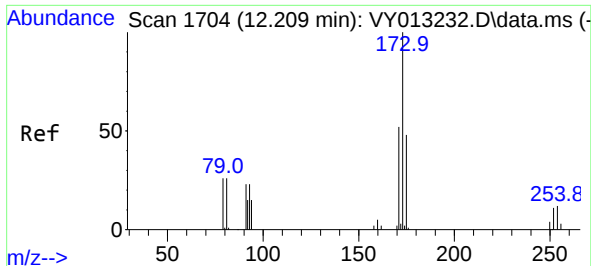
Ion Ratio Lower Upper

104 100

78 50.4 39.2 58.8

103 55.6 43.7 65.5

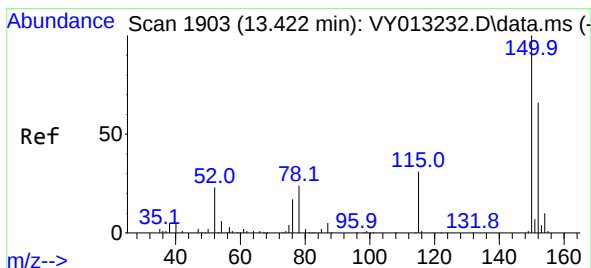
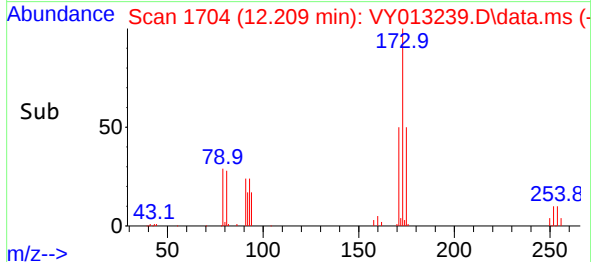
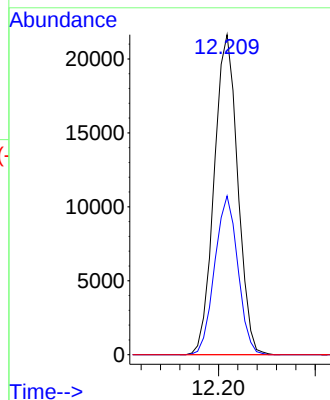
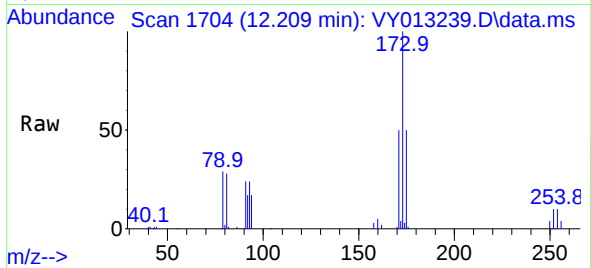




#71
Bromoform
Concen: 49.555 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

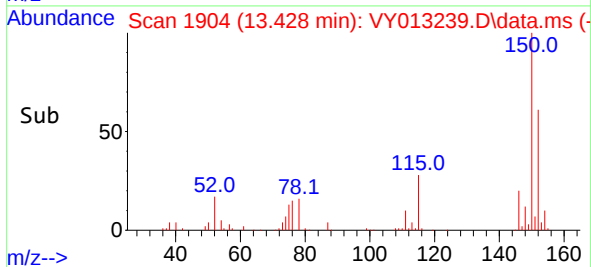
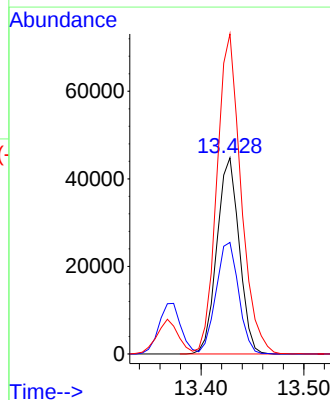
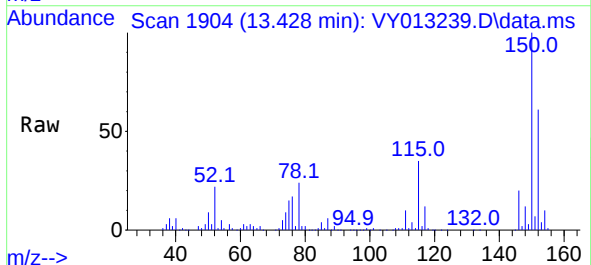
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

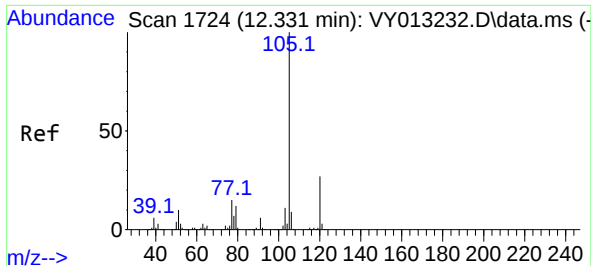
Tgt Ion:173 Resp: 36586
Ion Ratio Lower Upper
173 100
175 48.7 25.0 75.0
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:152 Resp: 67529
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 176.1 0.0 347.8

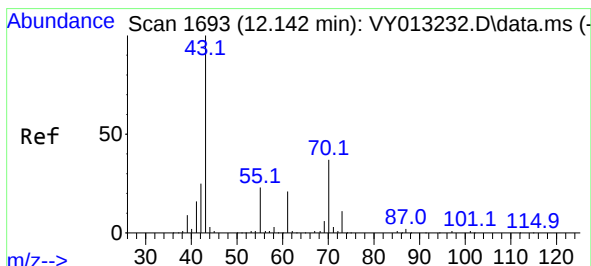
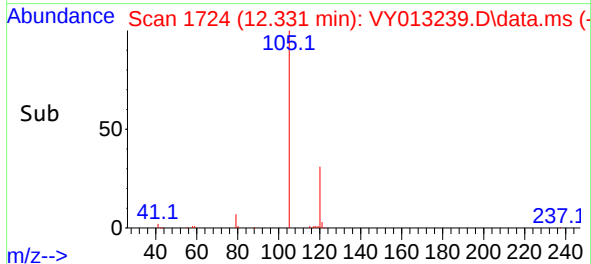
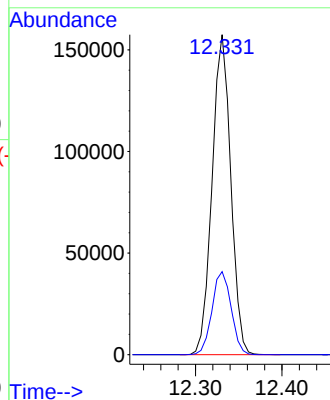
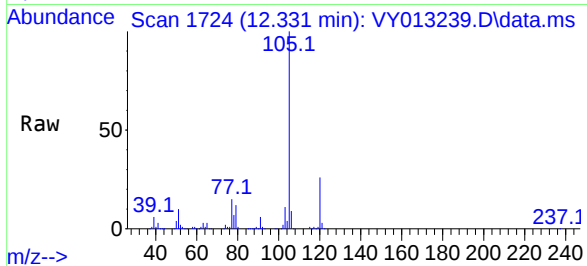




#73
Isopropylbenzene
Concen: 55.599 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

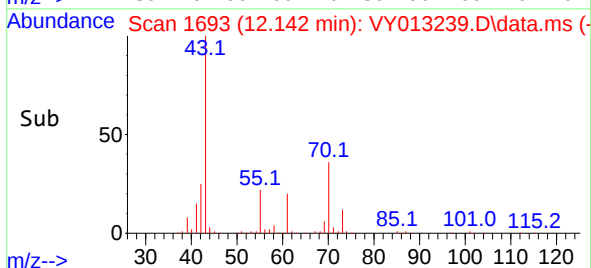
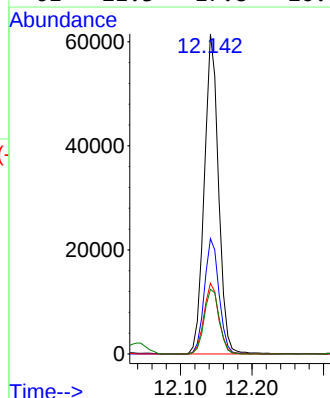
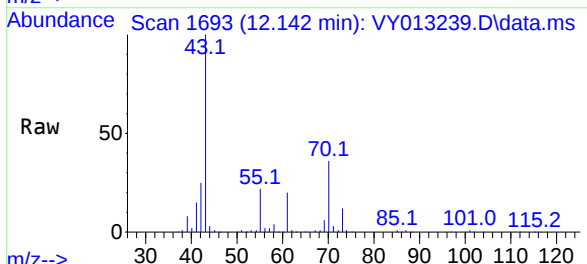
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

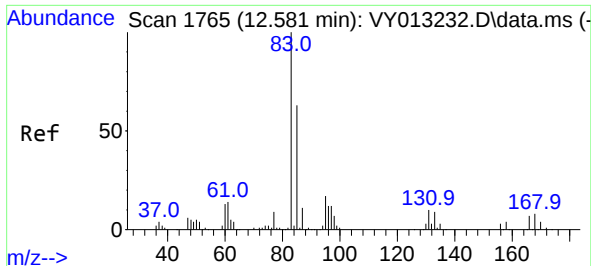
Tgt Ion:105 Resp: 235676
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 52.492 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 43 Resp: 85111
Ion Ratio Lower Upper
43 100
70 37.1 31.6 47.4
55 22.9 18.8 28.2
61 21.3 17.8 26.8

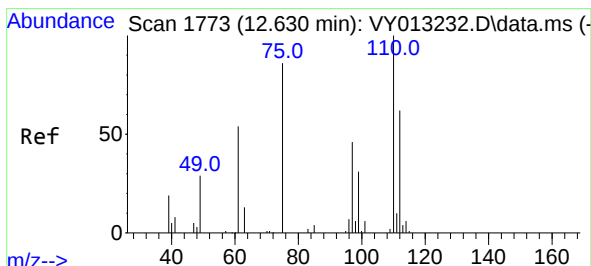
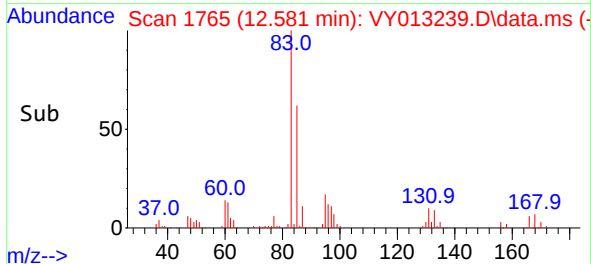
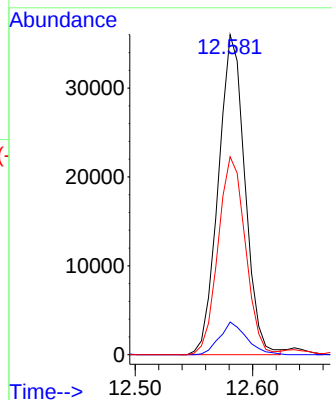
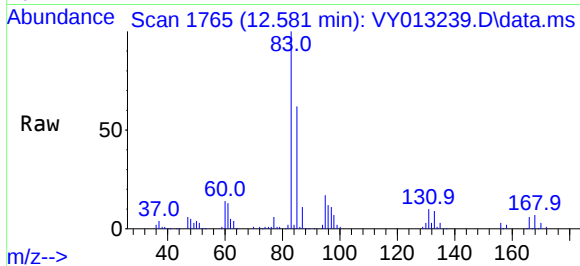




#75
1,1,2,2-Tetrachloroethane
Concen: 49.995 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

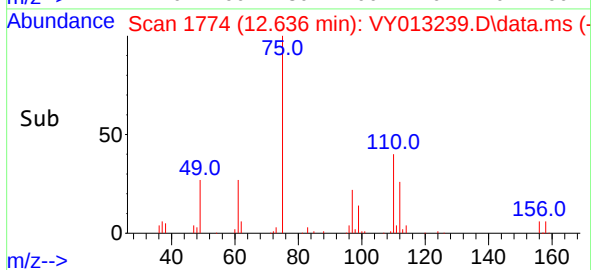
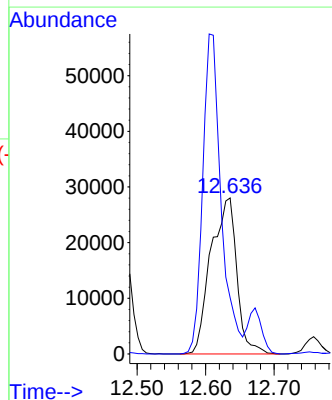
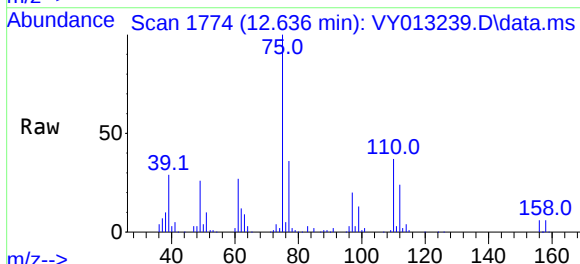
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

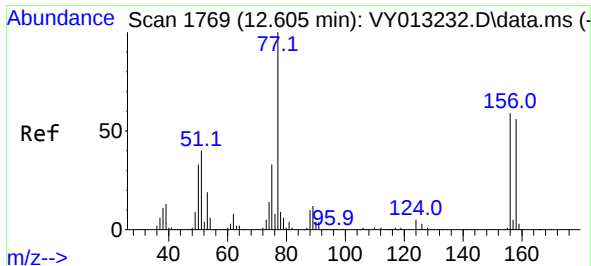
Tgt Ion: 83 Resp: 56649
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.2
85 63.4 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 89.568 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 75 Resp: 73619
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

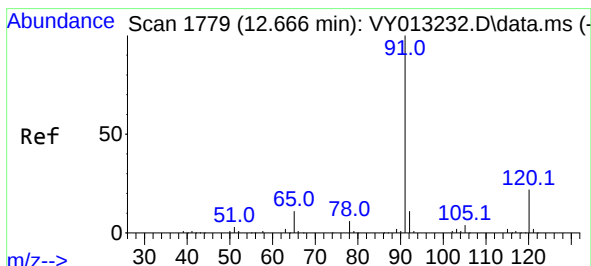
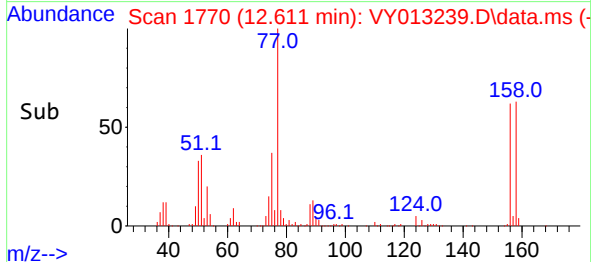
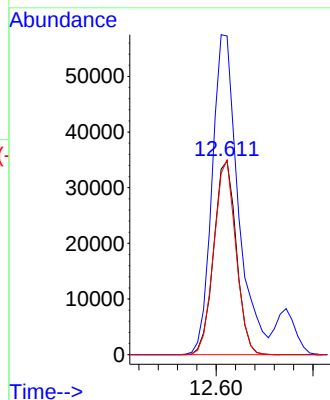
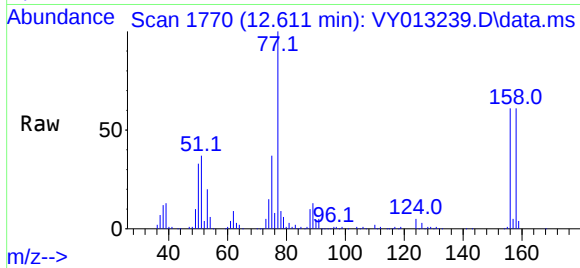




#77
Bromobenzene
Concen: 52.173 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

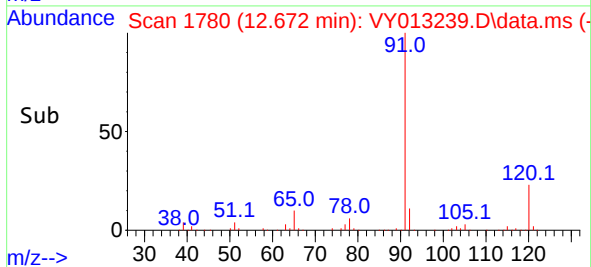
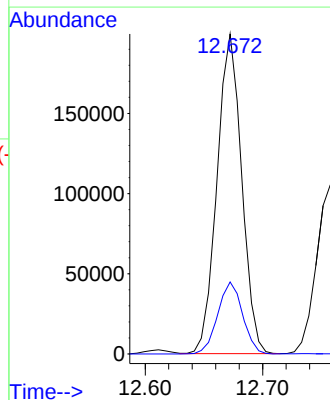
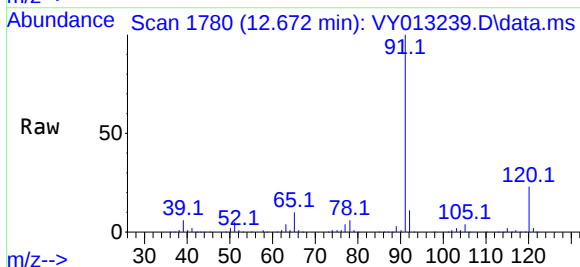
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

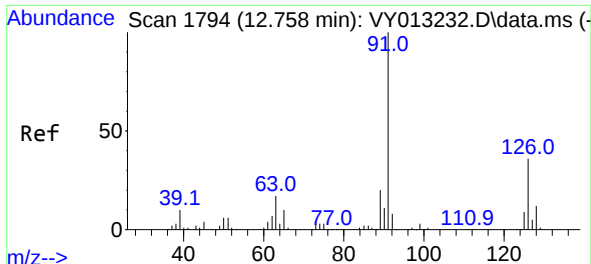
Tgt Ion:156 Resp: 56270
Ion Ratio Lower Upper
156 100
77 191.5 94.0 282.1
158 98.0 48.1 144.4



#78
n-propylbenzene
Concen: 55.746 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 91 Resp: 290876
Ion Ratio Lower Upper
91 100
120 22.7 11.6 34.8

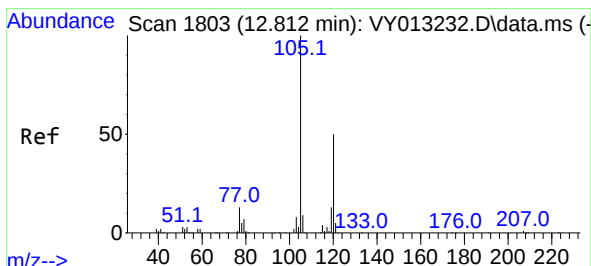
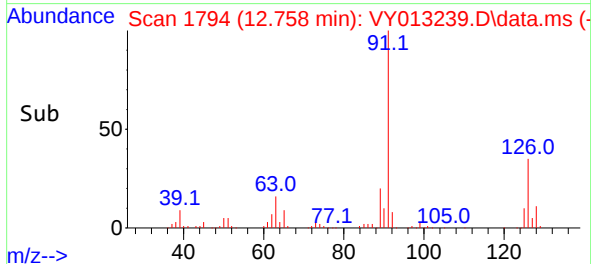
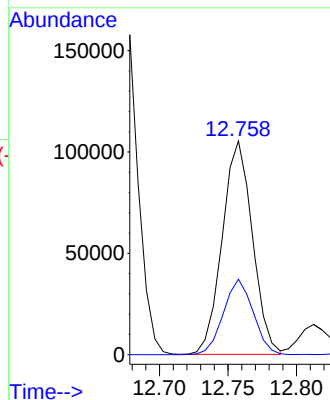
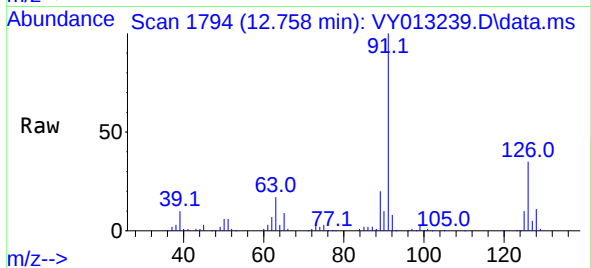




#79
2-Chlorotoluene
Concen: 54.406 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

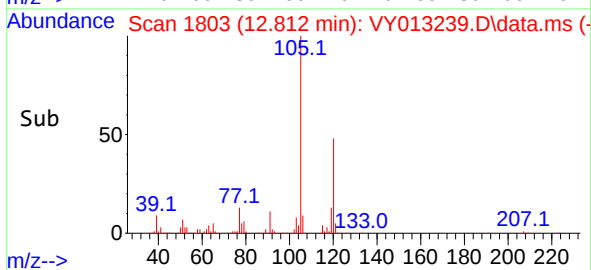
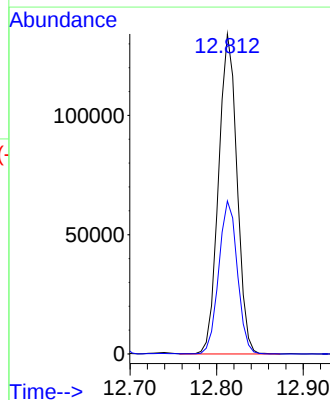
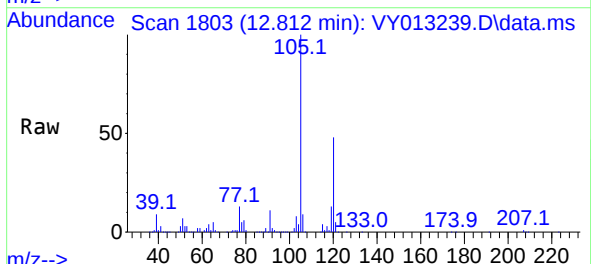
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

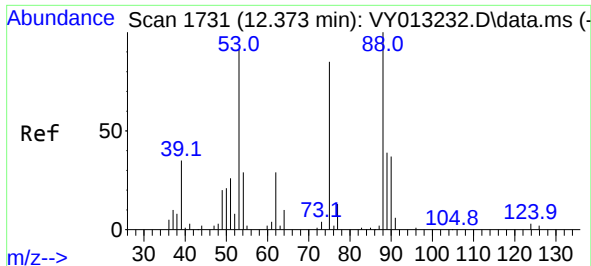
Tgt Ion: 91 Resp: 161646
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 56.654 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:105 Resp: 198624
Ion Ratio Lower Upper
105 100
120 48.1 24.8 74.4

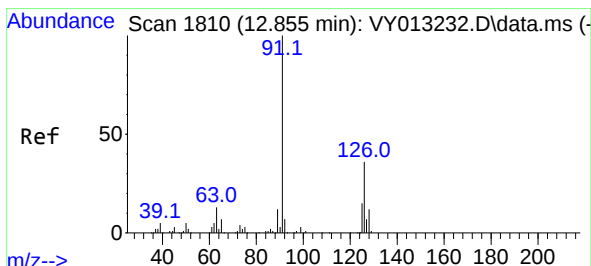
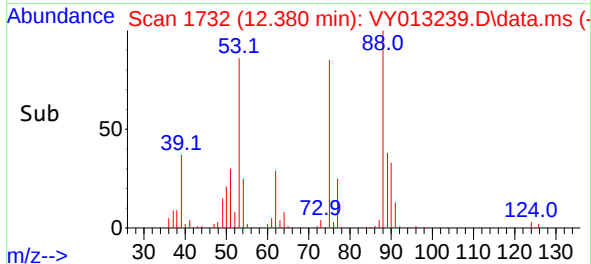
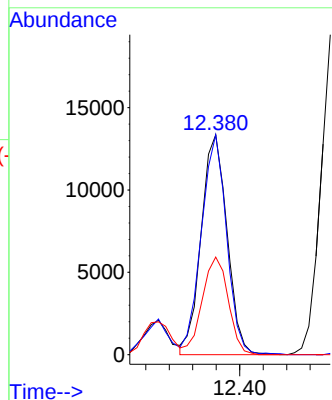
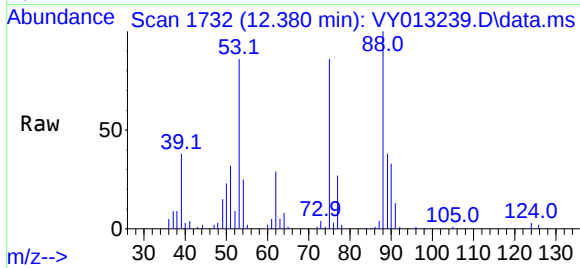




#81
trans-1,4-Dichloro-2-butene
Concen: 51.284 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.007 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

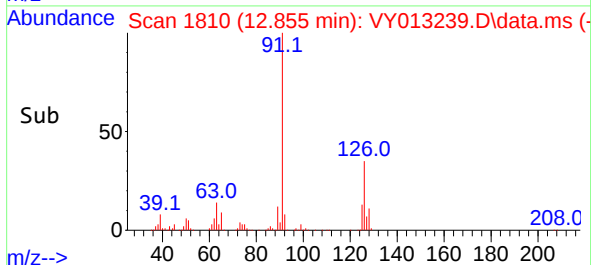
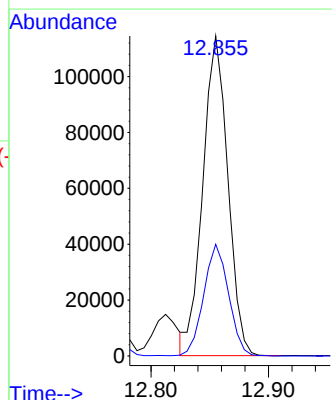
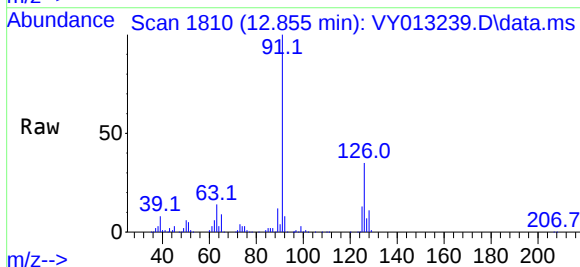
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

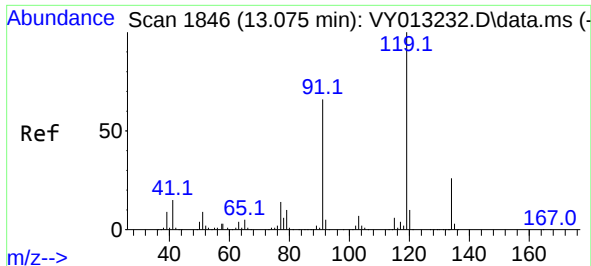
Tgt Ion: 75 Resp: 20440
Ion Ratio Lower Upper
75 100
53 97.8 73.4 110.0
89 44.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 54.567 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 91 Resp: 169292
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1

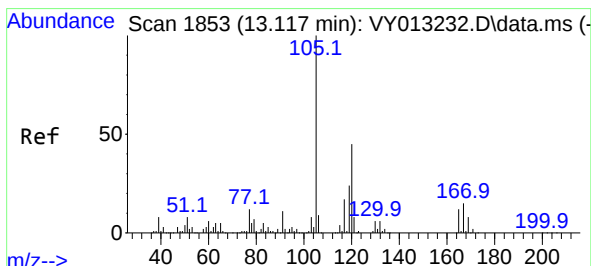
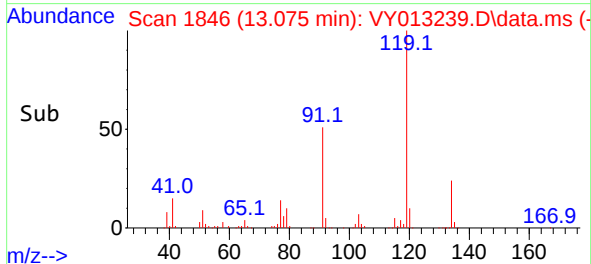
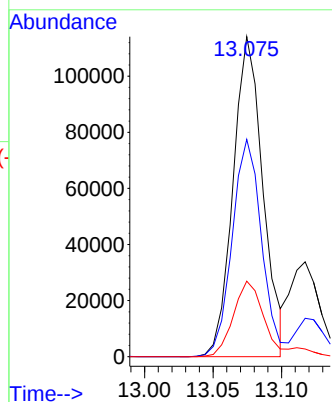
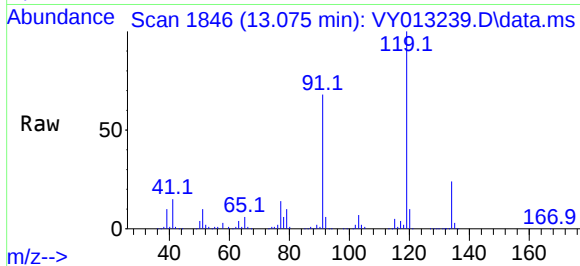




#83
tert-Butylbenzene
Concen: 55.239 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

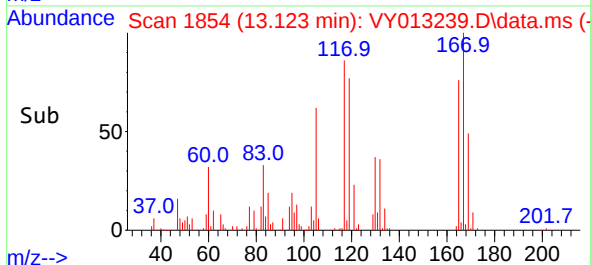
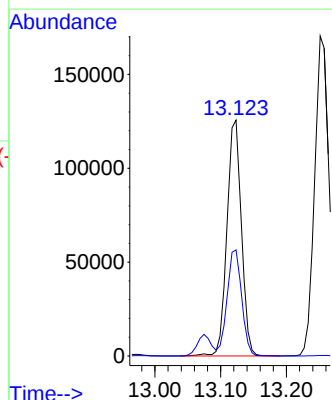
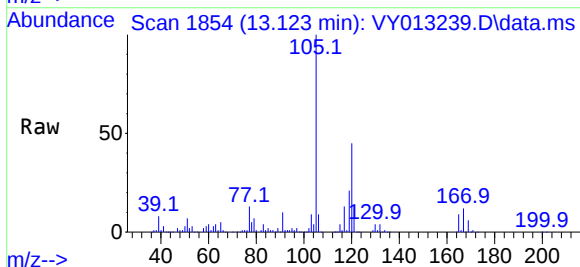
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

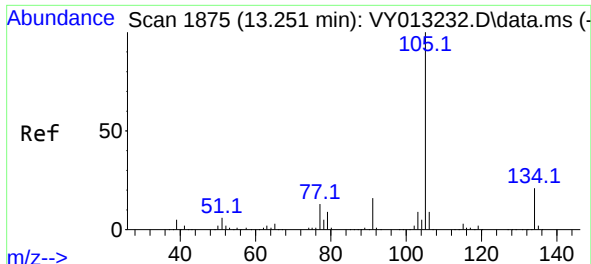
Tgt Ion:119 Resp: 173134
Ion Ratio Lower Upper
119 100
91 67.5 32.8 98.3
134 25.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 55.220 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:105 Resp: 192485
Ion Ratio Lower Upper
105 100
120 45.3 23.0 69.0

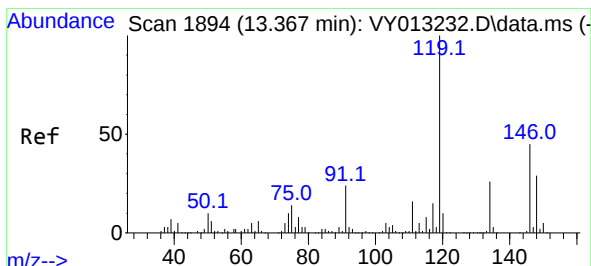
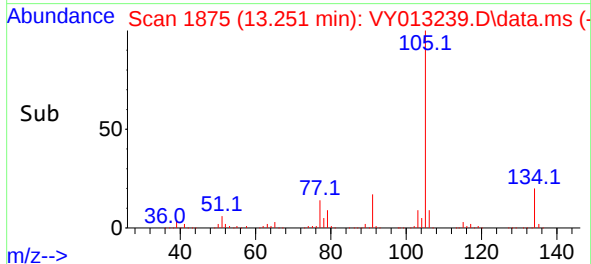
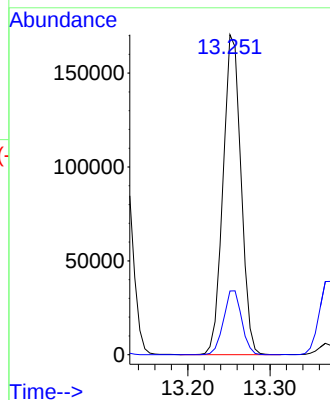
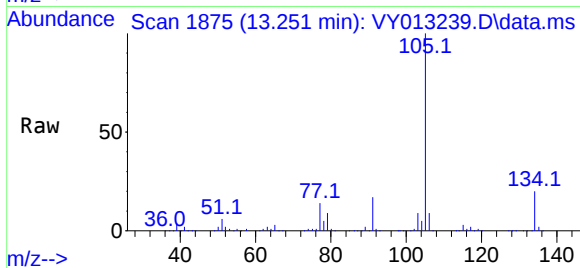




#85
 sec-Butylbenzene
 Concen: 56.028 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013239.D
 Acq: 11 Apr 2023 13:07

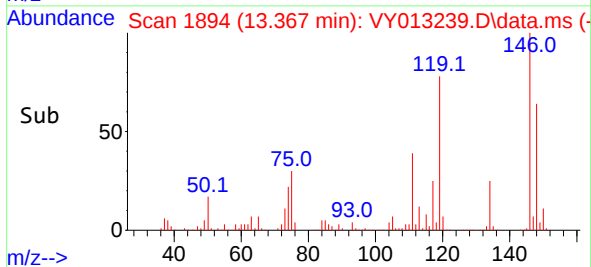
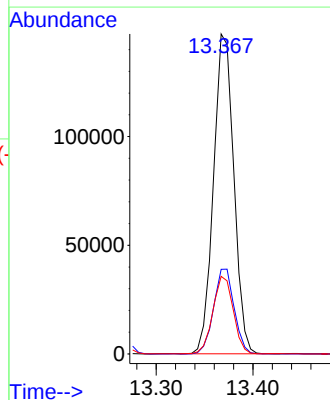
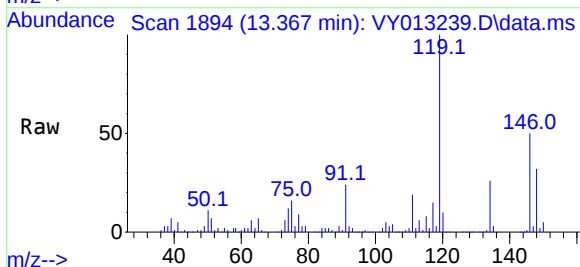
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

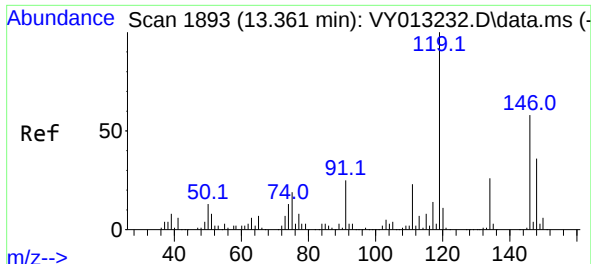
Tgt Ion:105 Resp: 258080
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 55.588 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013239.D
 Acq: 11 Apr 2023 13:07

Tgt Ion:119 Resp: 214630
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.6
 91 24.2 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 52.801 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

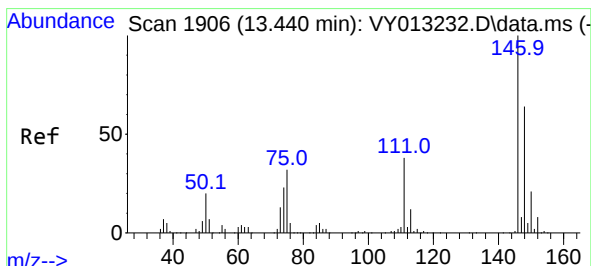
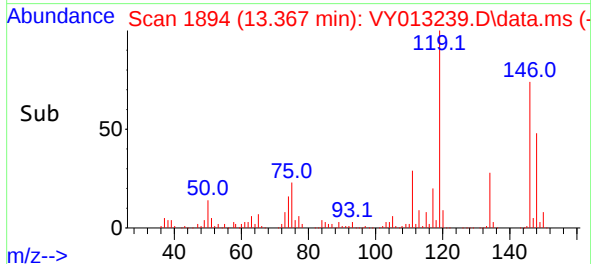
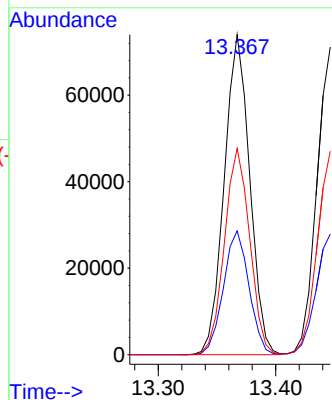
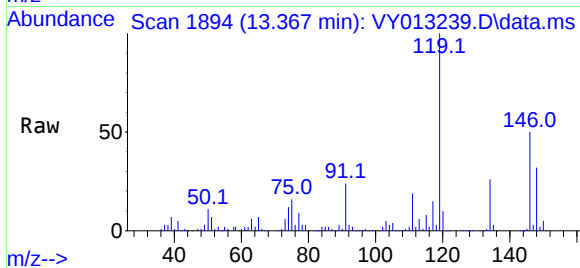
Tgt Ion:146 Resp: 111515

Ion Ratio Lower Upper

146 100

111 38.9 19.1 57.5

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.830 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

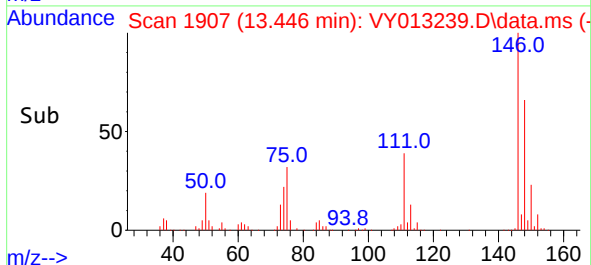
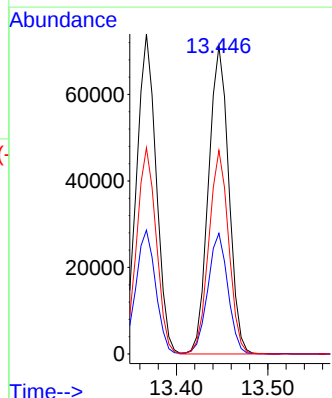
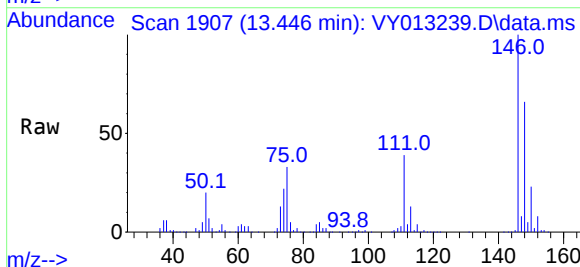
Tgt Ion:146 Resp: 109469

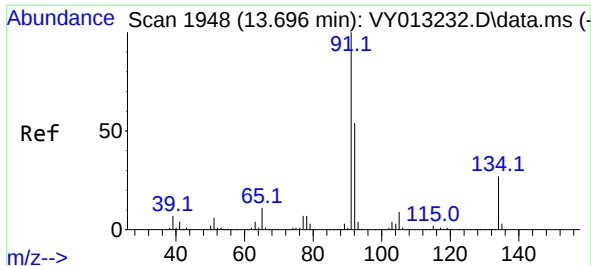
Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.8

148 64.8 31.5 94.5

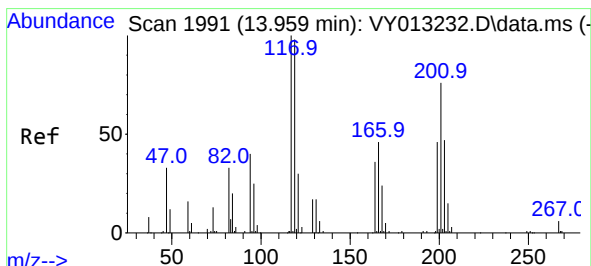
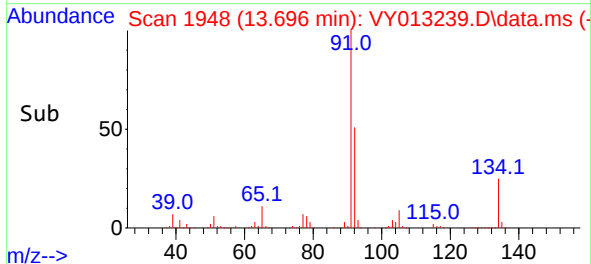
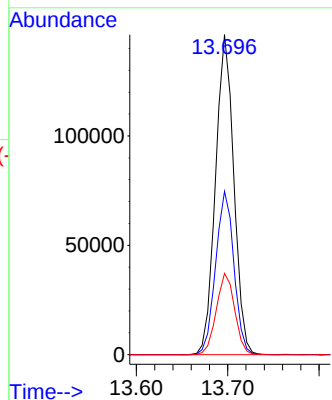
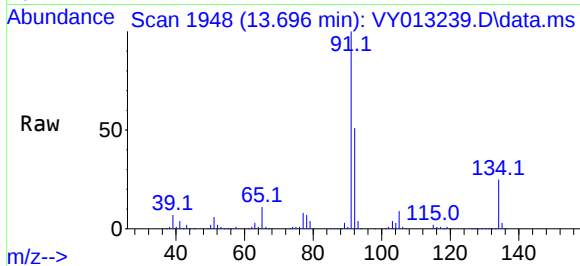




#89
n-Butylbenzene
Concen: 56.340 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

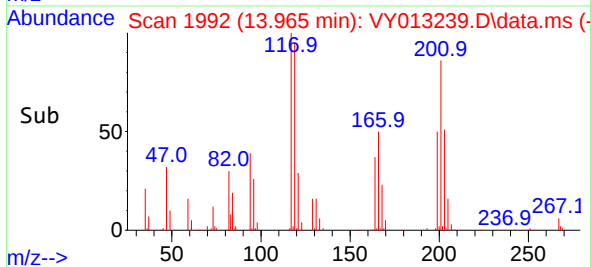
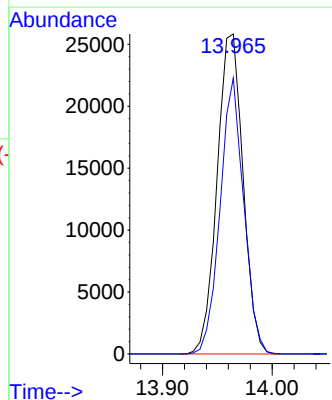
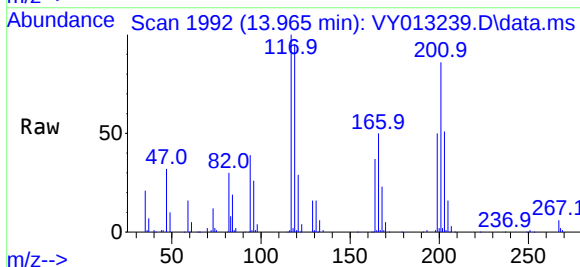
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

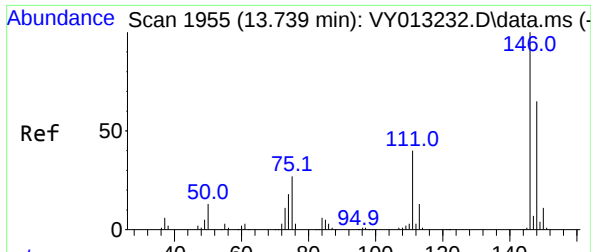
Tgt Ion: 91 Resp: 203901
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 51.964 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion: 117 Resp: 42537
Ion Ratio Lower Upper
117 100
201 78.6 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 51.943 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

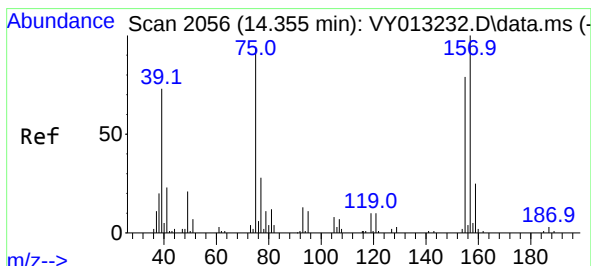
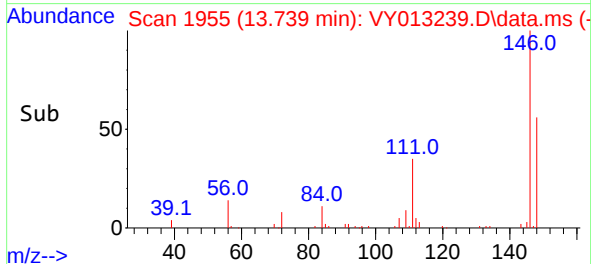
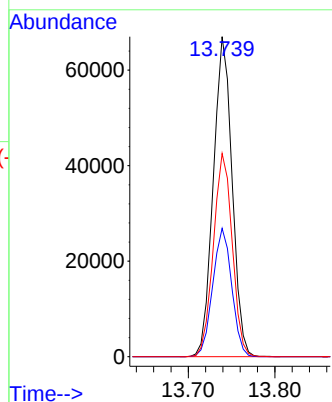
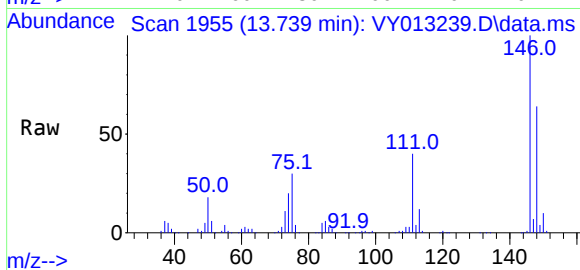
Tgt Ion:146 Resp: 101076

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.1

148 63.7 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.206 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013239.D

Acq: 11 Apr 2023 13:07

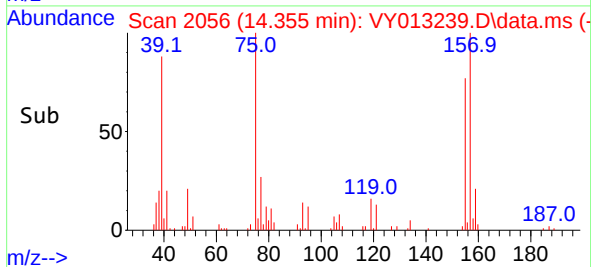
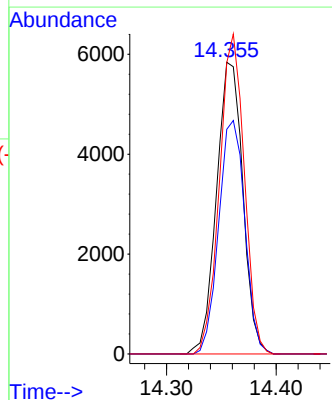
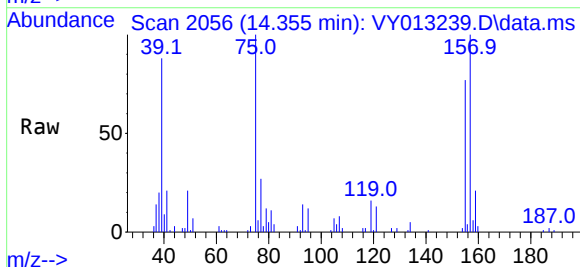
Tgt Ion: 75 Resp: 9761

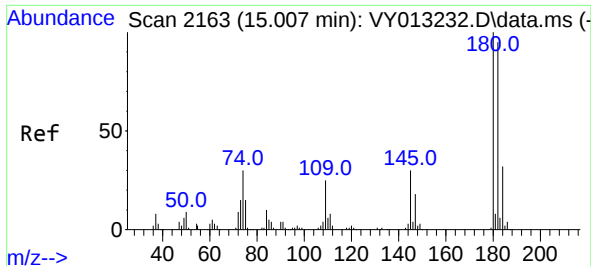
Ion Ratio Lower Upper

75 100

155 79.1 43.8 131.4

157 102.8 54.1 162.3

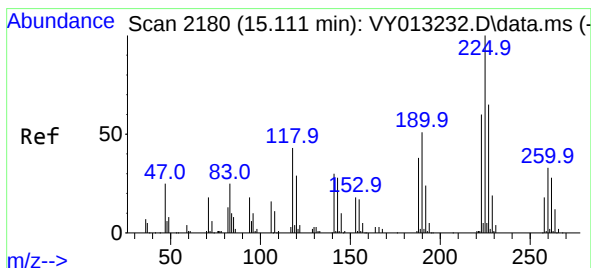
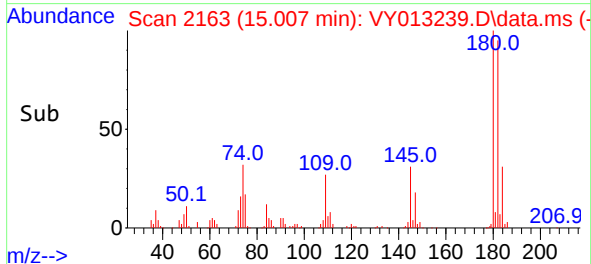
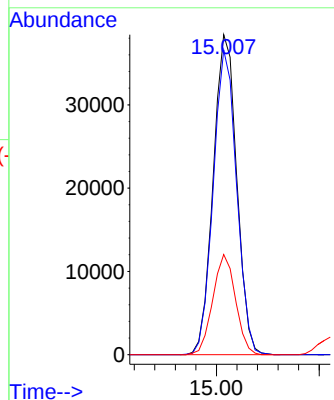
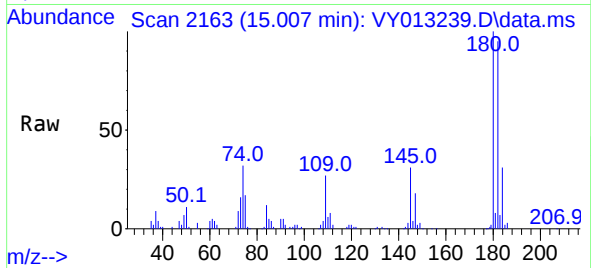




#93
1,2,4-Trichlorobenzene
Concen: 50.688 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

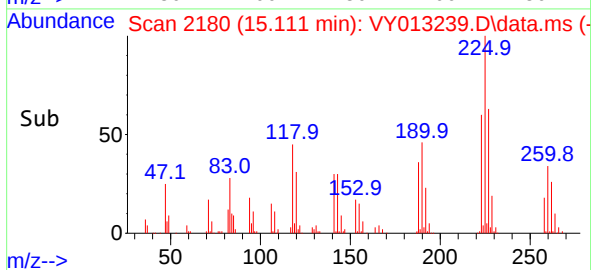
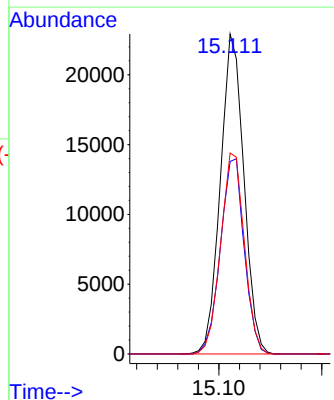
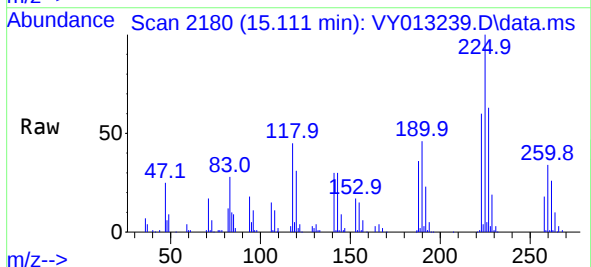
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

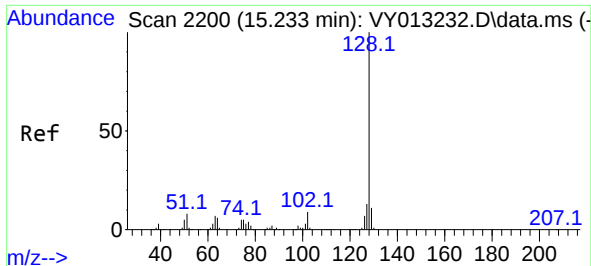
Tgt Ion:180 Resp: 60860
Ion Ratio Lower Upper
180 100
182 94.6 46.7 140.1
145 30.3 14.6 43.8



#94
Hexachlorobutadiene
Concen: 51.178 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:225 Resp: 36284
Ion Ratio Lower Upper
225 100
223 62.0 31.1 93.3
227 63.6 32.4 97.0

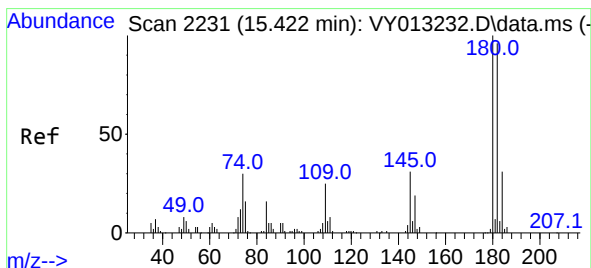
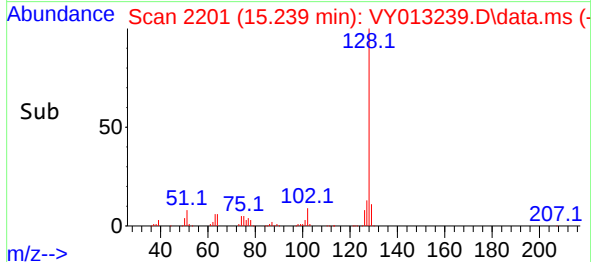
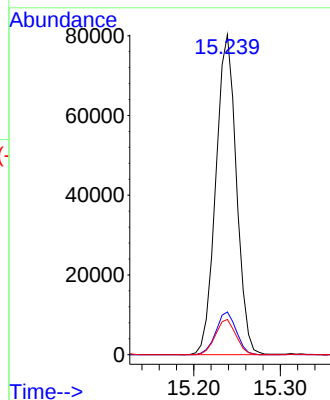
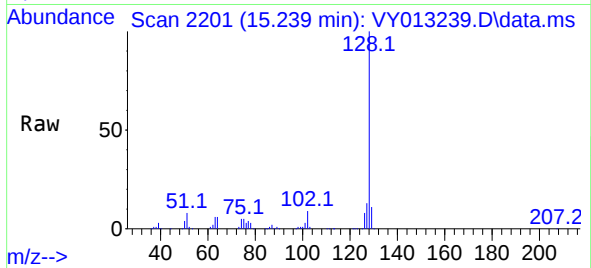




#95
Naphthalene
Concen: 48.964 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 132415
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: 49.566 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013239.D
Acq: 11 Apr 2023 13:07

Tgt Ion:180 Resp: 55551
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 31.4 15.3 45.8

