

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013437.D
 Acq On : 25 Apr 2023 10:49
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 25 15:11:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	246768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	371980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159928	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127809	47.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.500%
35) Dibromofluoromethane	7.716	113	118815	50.785	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.179	98	419349	50.385	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.780%
62) 4-Bromofluorobenzene	12.483	95	142700	50.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	125550	53.517	ug/l	100
3) Chloromethane	2.113	50	142115	45.193	ug/l	99
4) Vinyl Chloride	2.253	62	141295	45.127	ug/l	96
5) Bromomethane	2.656	94	104212	41.766	ug/l	98
6) Chloroethane	2.796	64	92539	42.782	ug/l	99
7) Trichlorofluoromethane	3.125	101	231422	48.790	ug/l	98
8) Diethyl Ether	3.528	74	78959	48.884	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.900	101	131424	49.397	ug/l	96
10) Methyl Iodide	4.088	142	172948	51.755	ug/l	98
11) Tert butyl alcohol	4.972	59	61177	200.914	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	127784	49.826	ug/l	93
13) Acrolein	3.729	56	52111	219.390	ug/l	91
14) Allyl chloride	4.479	41	237292	49.865	ug/l	97
15) Acrylonitrile	5.168	53	213354	235.855	ug/l	100
16) Acetone	3.954	43	273636	256.862	ug/l	94
17) Carbon Disulfide	4.192	76	421379	50.581	ug/l	100
18) Methyl Acetate	4.473	43	158957	45.178	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	368456	49.764	ug/l	100
20) Methylene Chloride	4.710	84	167216	50.125	ug/l #	88
21) trans-1,2-Dichloroethene	5.216	96	146472	52.235	ug/l	96
22) Diisopropyl ether	6.119	45	475197	51.090	ug/l	98
23) Vinyl Acetate	6.058	43	1448551	275.062	ug/l	97
24) 1,1-Dichloroethane	6.015	63	265520	51.221	ug/l	98
25) 2-Butanone	6.984	43	328524	243.164	ug/l	95
26) 2,2-Dichloropropane	6.978	77	229609	51.402	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	161428	52.104	ug/l	96
28) Bromochloromethane	7.332	49	86954	47.269	ug/l	85
29) Tetrahydrofuran	7.350	42	185015	219.996	ug/l	93
30) Chloroform	7.503	83	262210	50.875	ug/l	97
31) Cyclohexane	7.783	56	223837	46.216	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	235888	51.289	ug/l	98
36) 1,1-Dichloropropene	7.917	75	198332	51.079	ug/l	98
37) Ethyl Acetate	7.070	43	131103	44.868	ug/l	99
38) Carbon Tetrachloride	7.899	117	214863	52.796	ug/l	97
39) Methylcyclohexane	9.179	83	239915	52.412	ug/l	96
40) Benzene	8.161	78	576662	52.723	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	66705	48.989	ug/l	94
42) 1,2-Dichloroethane	8.234	62	184360	51.557	ug/l	99
43) Isopropyl Acetate	8.271	43	232963	47.235	ug/l	98
44) Trichloroethene	8.941	130	152838	52.533	ug/l	97
45) 1,2-Dichloropropane	9.216	63	148248	51.839	ug/l	97
46) Dibromomethane	9.301	93	86800	50.727	ug/l	96
47) Bromodichloromethane	9.496	83	201422	52.606	ug/l	97
48) Methyl methacrylate	9.295	41	111234	49.108	ug/l	95
49) 1,4-Dioxane	9.307	88	22624	925.758	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	643898	234.286	ug/l	97
52) Toluene	10.240	92	348804	52.994	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	212722	52.495	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	235052	51.550	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	118225	52.173	ug/l	97
56) Ethyl methacrylate	10.508	69	163105	51.882	ug/l	91
57) 1,3-Dichloropropane	10.789	76	196867	51.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	273174	231.727	ug/l	96
59) 2-Hexanone	10.831	43	501716	251.131	ug/l	97
60) Dibromochloromethane	10.984	129	145967	53.051	ug/l	99
61) 1,2-Dibromoethane	11.087	107	113869	51.111	ug/l	100
64) Tetrachloroethene	10.721	164	126185	50.588	ug/l	94
65) Chlorobenzene	11.514	112	374896	52.465	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	142492	53.319	ug/l	99
67) Ethyl Benzene	11.593	91	672396	53.587	ug/l	99
68) m/p-Xylenes	11.703	106	511318	107.192	ug/l	99
69) o-Xylene	12.032	106	243770	54.035	ug/l	99
70) Styrene	12.044	104	410756	54.455	ug/l	99
71) Bromoform	12.209	173	94091	50.264	ug/l #	99
73) Isopropylbenzene	12.331	105	635204	52.512	ug/l	99
74) N-amyl acetate	12.142	43	208309	48.392	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	145016	49.047	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	187442	86.907	ug/l #	100
77) Bromobenzene	12.611	156	153287	52.299	ug/l	93
78) n-propylbenzene	12.672	91	786631	52.796	ug/l	98
79) 2-Chlorotoluene	12.758	91	437423	52.573	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	524862	53.161	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	51958	49.278	ug/l	98
82) 4-Chlorotoluene	12.855	91	454286	52.385	ug/l	97
83) tert-Butylbenzene	13.075	119	447753	52.346	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	516233	53.780	ug/l	99
85) sec-Butylbenzene	13.251	105	669855	52.180	ug/l	99
86) p-Isopropyltoluene	13.367	119	548725	53.153	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	287426	51.473	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	291289	51.640	ug/l	99
89) n-Butylbenzene	13.697	91	533603	52.958	ug/l	99
90) Hexachloroethane	13.965	117	112467	51.763	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	263074	52.171	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24496	46.911	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	165335	54.994	ug/l	98
94) Hexachlorobutadiene	15.111	225	97985	56.002	ug/l	98
95) Naphthalene	15.239	128	360459	55.259	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	148991	55.602	ug/l	99

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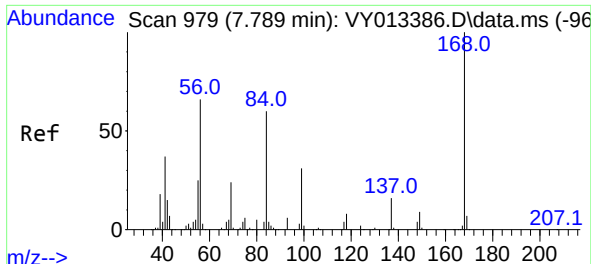
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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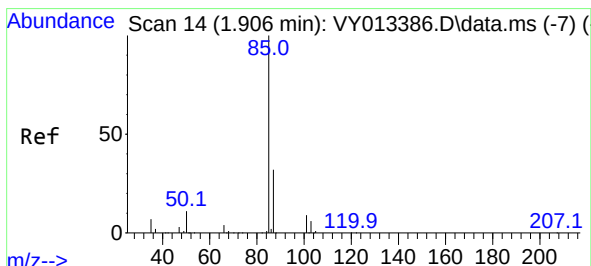
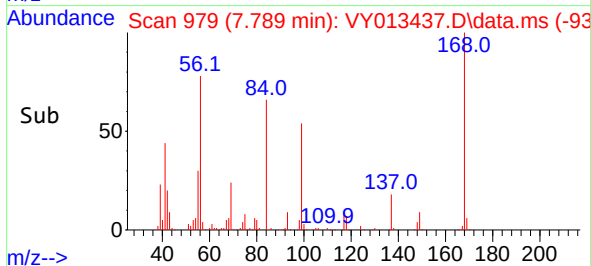
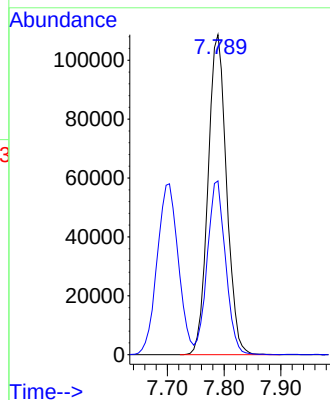
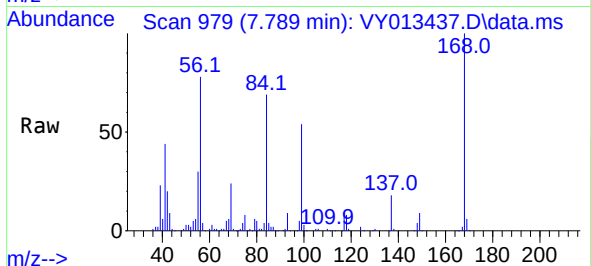




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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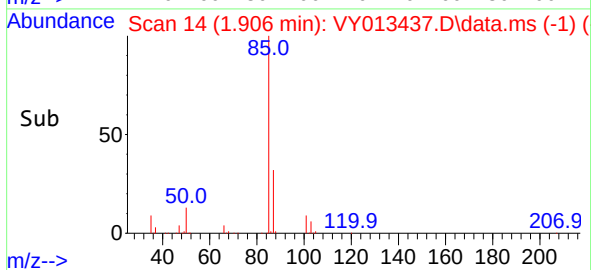
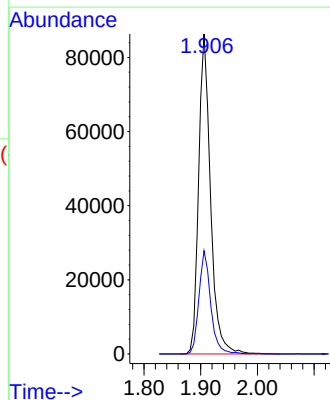
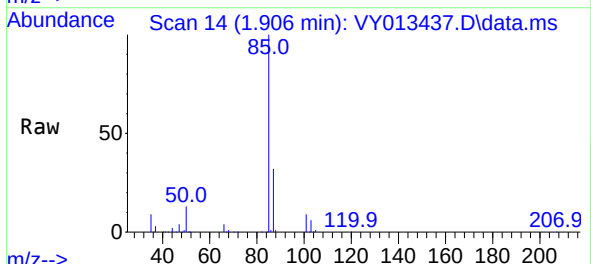
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 246768
Ion Ratio Lower Upper
168 100
99 54.3 41.8 62.6

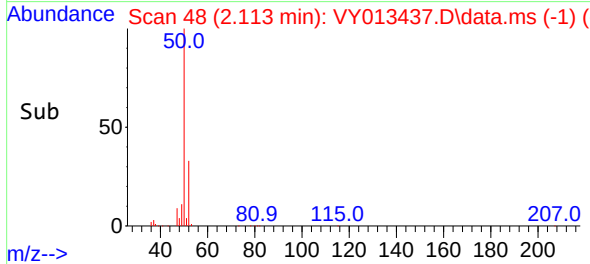
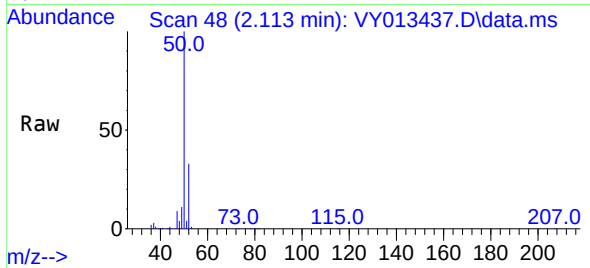
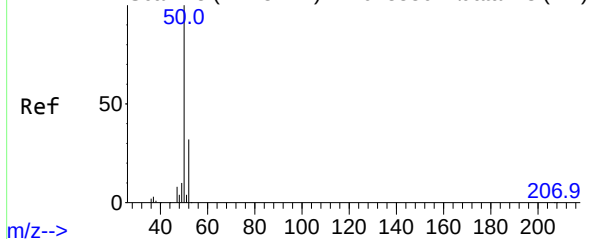


#2
Dichlorodifluoromethane
Concen: 53.517 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 85 Resp: 125550
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2



Abundance Scan 48 (2.113 min): VY013386.D\data.ms (-41)



#3

Chloromethane

Concen: 45.193 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

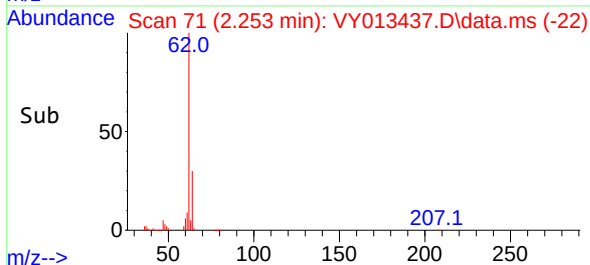
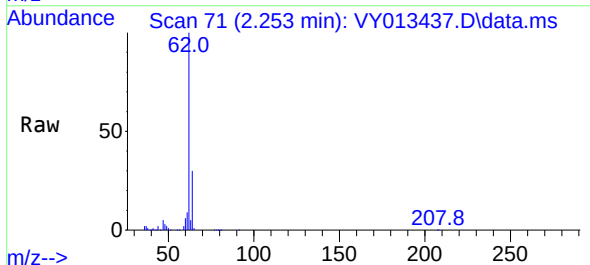
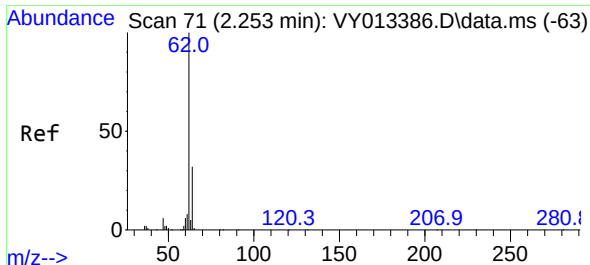
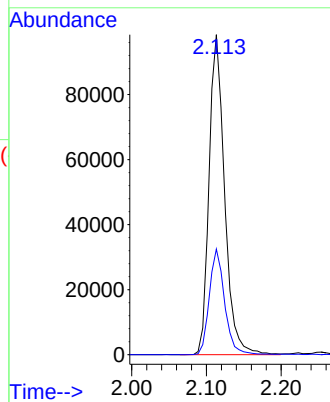
VSTDCCC050

Tgt Ion: 50 Resp: 142115

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



#4

Vinyl Chloride

Concen: 45.127 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013437.D

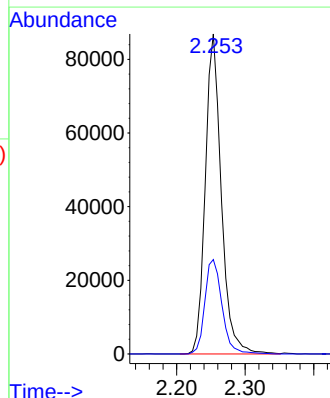
Acq: 25 Apr 2023 10:49

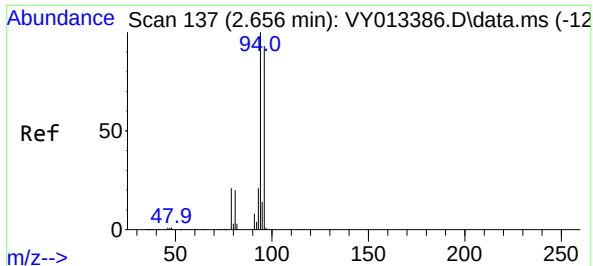
Tgt Ion: 62 Resp: 141295

Ion Ratio Lower Upper

62 100

64 29.5 25.4 38.0

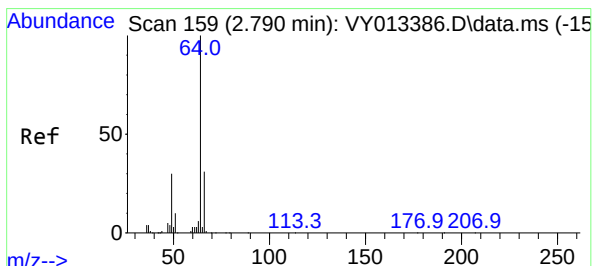
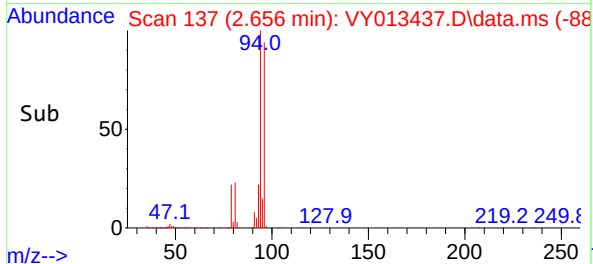
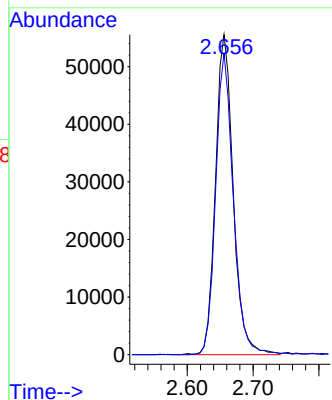
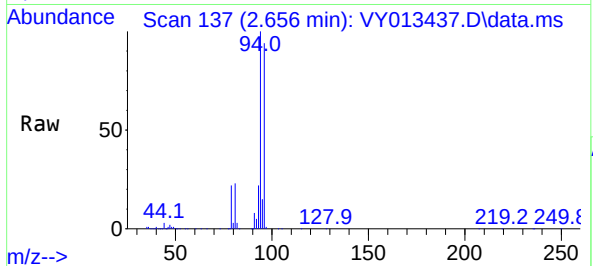




#5
Bromomethane
Concen: 41.766 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

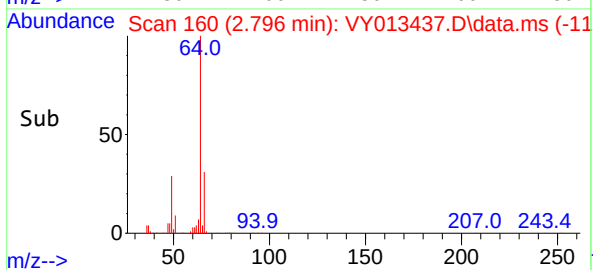
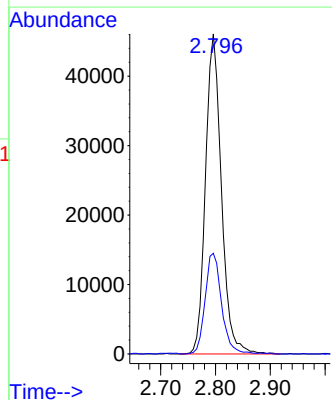
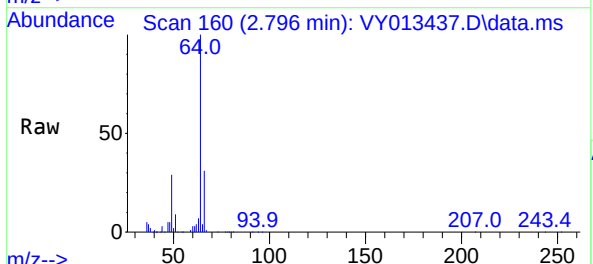
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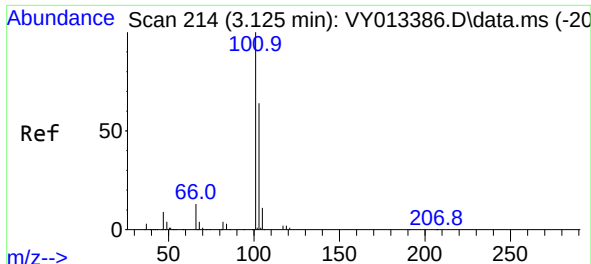
Tgt Ion: 94 Resp: 104212
Ion Ratio Lower Upper
94 100
96 94.3 74.2 111.2



#6
Chloroethane
Concen: 42.782 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 64 Resp: 92539
Ion Ratio Lower Upper
64 100
66 31.4 24.6 37.0

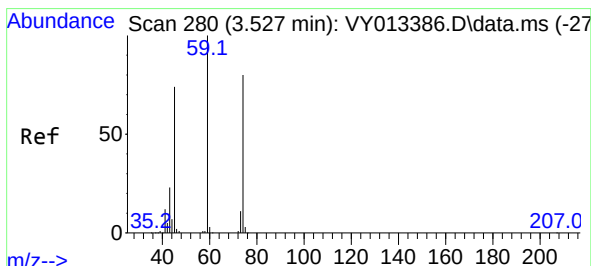
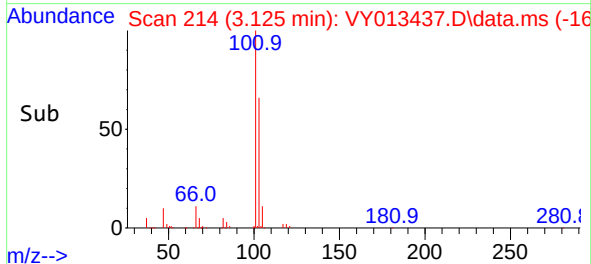
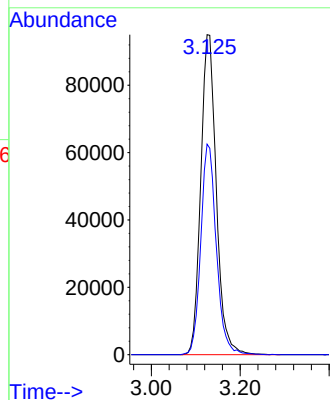
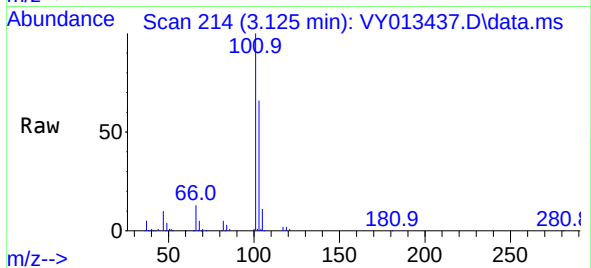




#7
 Trichlorofluoromethane
 Concen: 48.790 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013437.D
 Acq: 25 Apr 2023 10:49

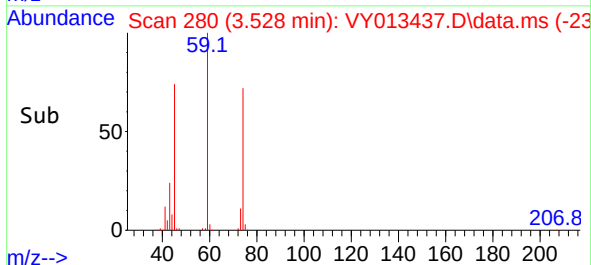
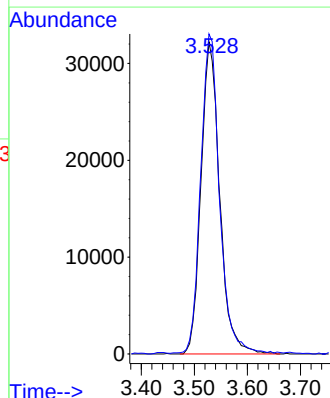
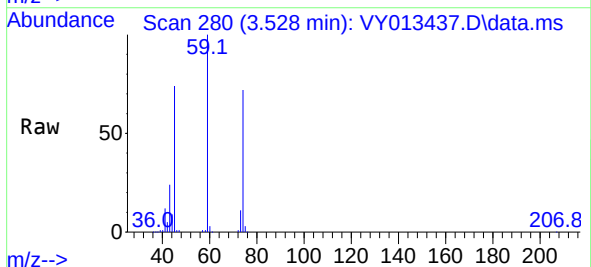
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 ClientSampleId :
 VSTDCCC050

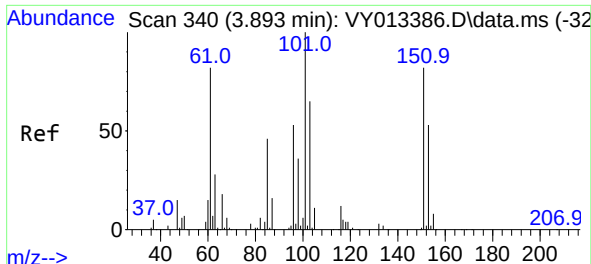
Tgt Ion:101 Resp: 231422
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.6 77.4



#8
 Diethyl Ether
 Concen: 48.884 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013437.D
 Acq: 25 Apr 2023 10:49

Tgt Ion: 74 Resp: 78959
 Ion Ratio Lower Upper
 74 100
 45 102.9 48.2 144.6

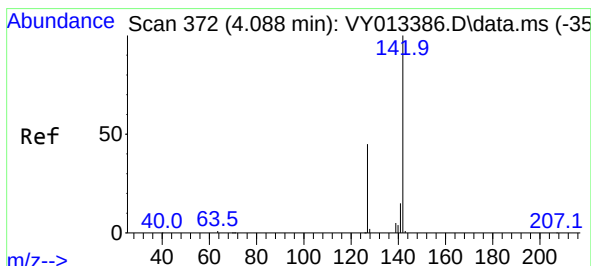
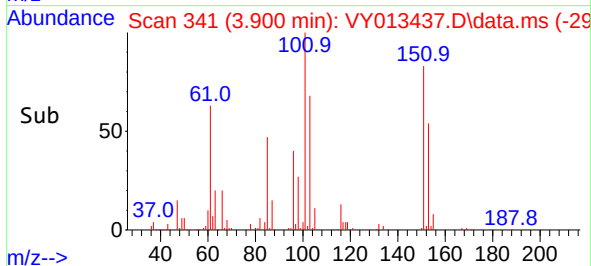
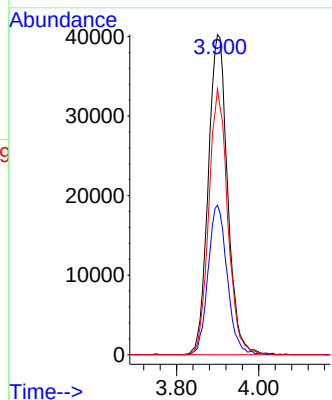
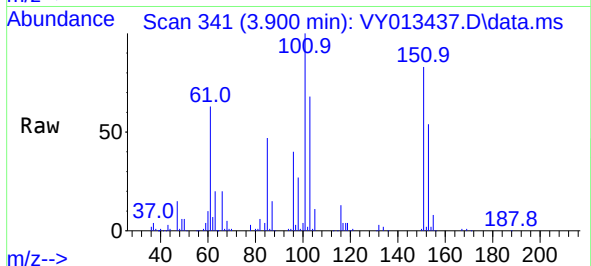




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.397 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013437.D
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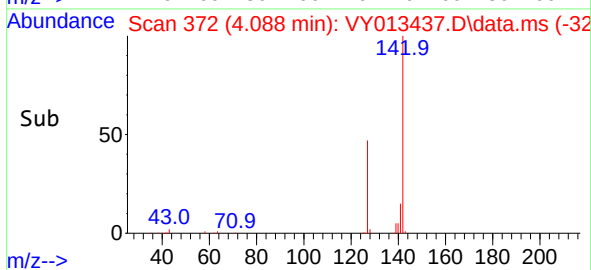
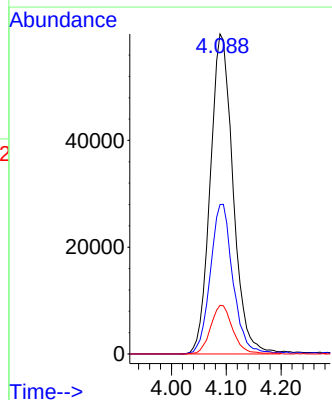
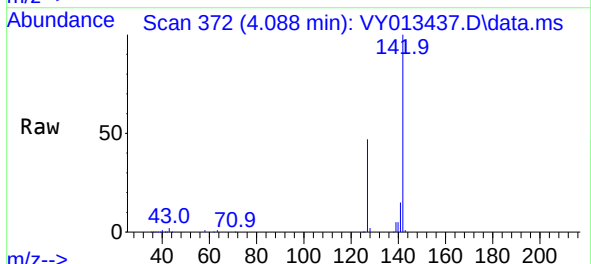
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

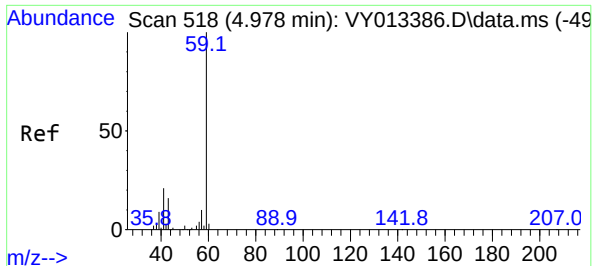
Tgt Ion:101 Resp: 131424
Ion Ratio Lower Upper
101 100
85 46.3 35.6 53.4
151 81.3 68.0 102.0



#10
Methyl Iodide
Concen: 51.755 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:142 Resp: 172948
Ion Ratio Lower Upper
142 100
127 46.3 36.1 54.1
141 14.7 11.6 17.4

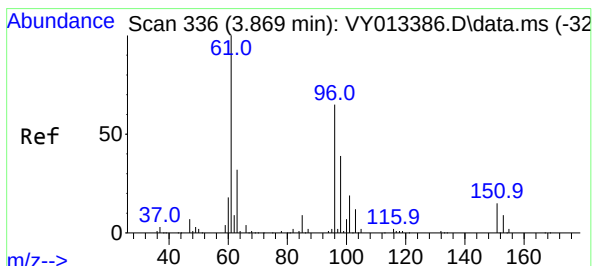
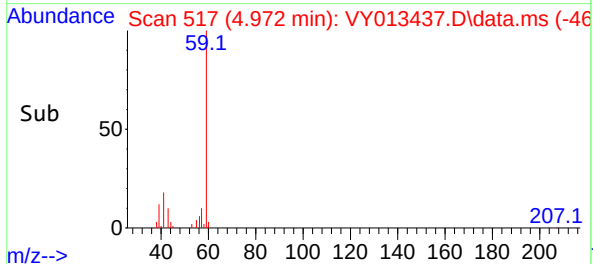
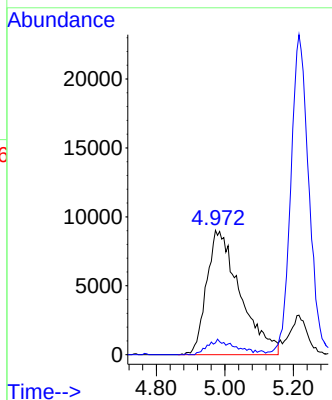
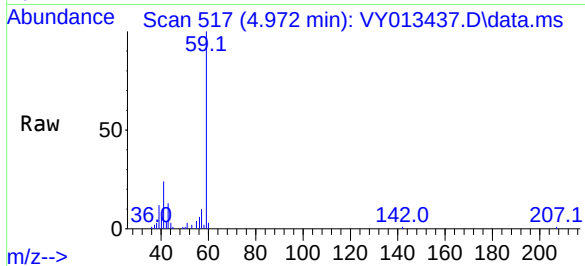




#11
Tert butyl alcohol
Concen: 200.914 ug/l
RT: 4.972 min Scan# 518
Delta R.T. -0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

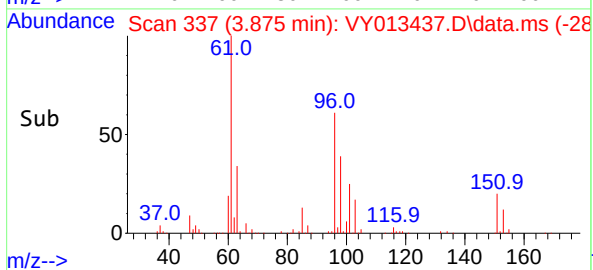
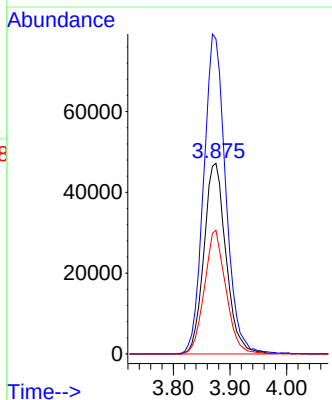
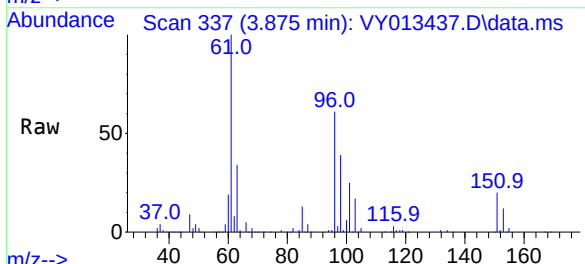
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

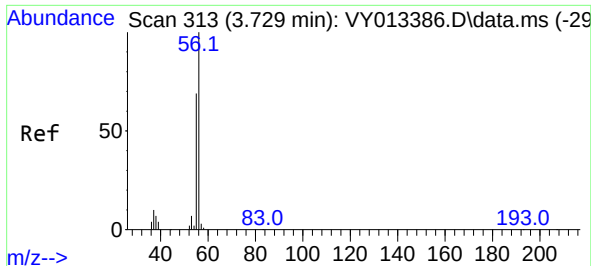
Tgt Ion: 59 Resp: 61177
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.826 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 96 Resp: 127784
Ion Ratio Lower Upper
96 100
61 165.0 123.9 185.9
98 64.8 48.9 73.3

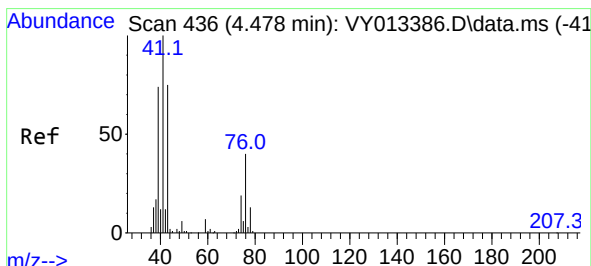
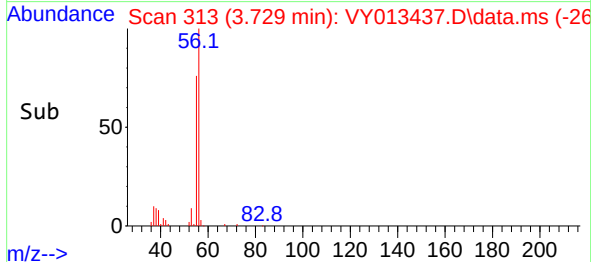
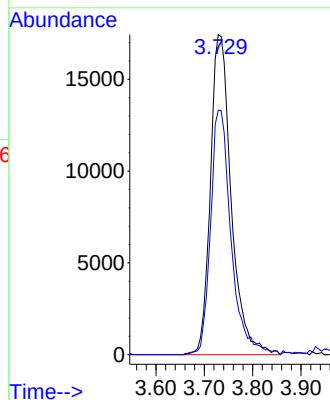
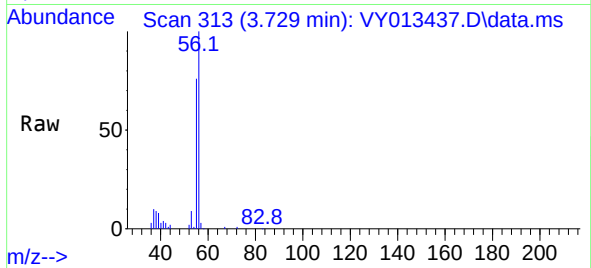




#13
Acrolein
Concen: 219.390 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

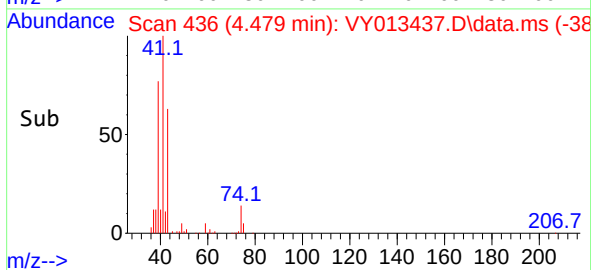
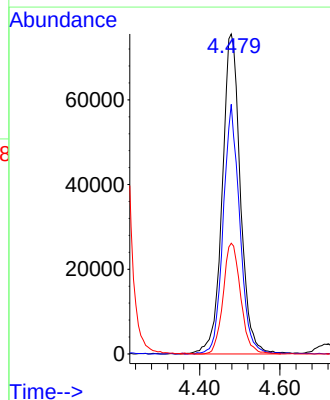
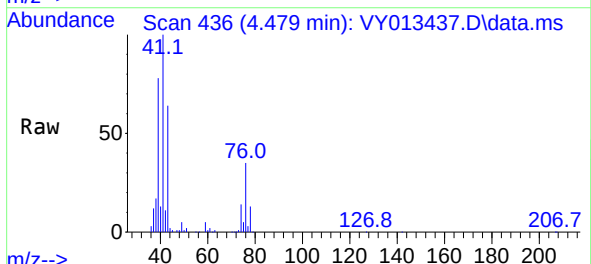
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

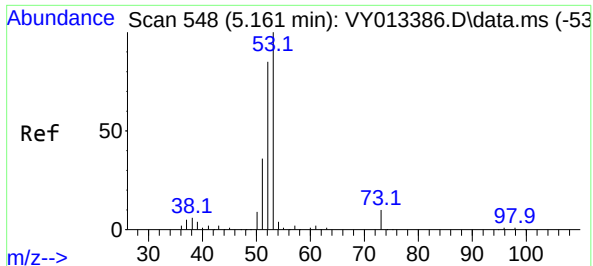
Tgt Ion: 56 Resp: 52111
Ion Ratio Lower Upper
56 100
55 75.2 54.1 81.1



#14
Allyl chloride
Concen: 49.865 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 41 Resp: 237292
Ion Ratio Lower Upper
41 100
39 71.0 56.6 85.0
76 33.4 30.5 45.7

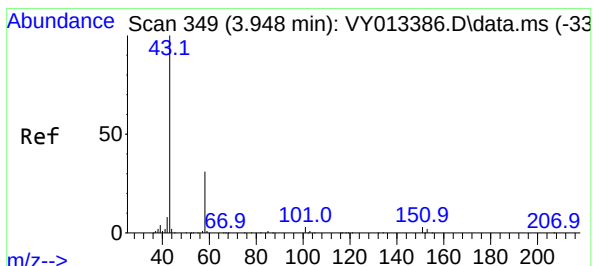
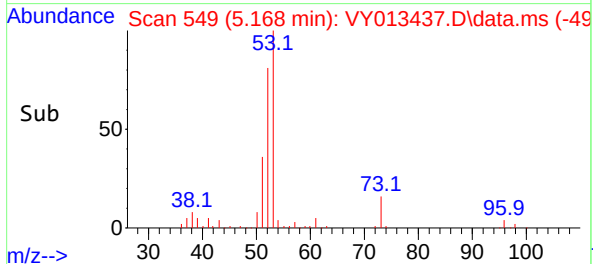
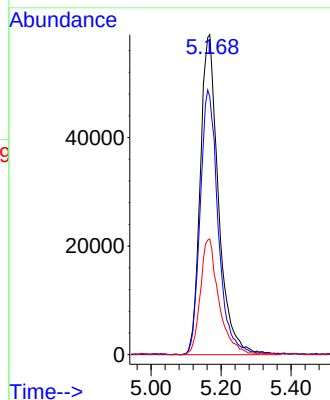
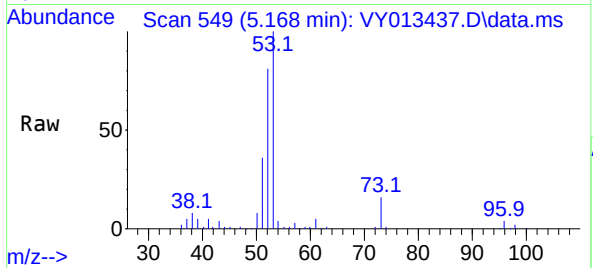




#15
Acrylonitrile
Concen: 235.855 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

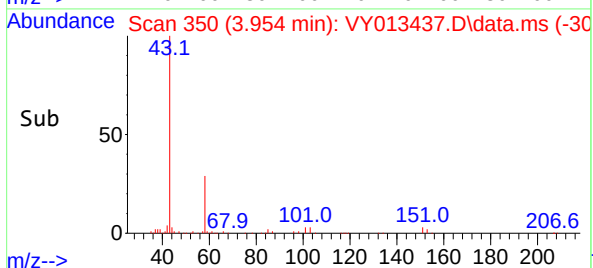
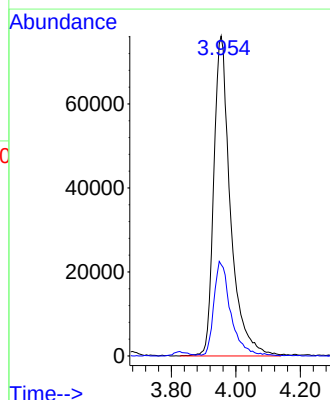
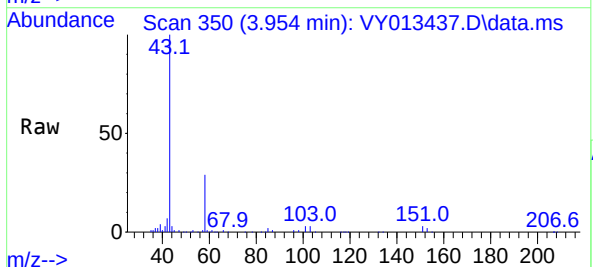
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

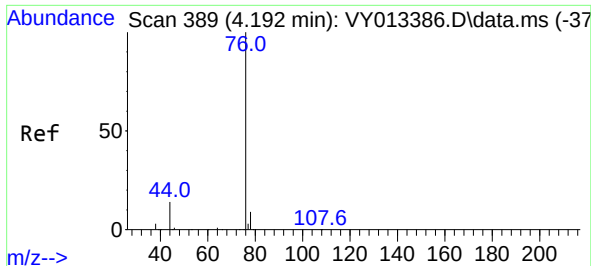
Tgt Ion:	53	Resp:	213354
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.4	98.0
51	36.8	29.3	43.9



#16
Acetone
Concen: 256.862 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:	43	Resp:	273636
Ion	Ratio	Lower	Upper
43	100		
58	28.5	25.4	38.0

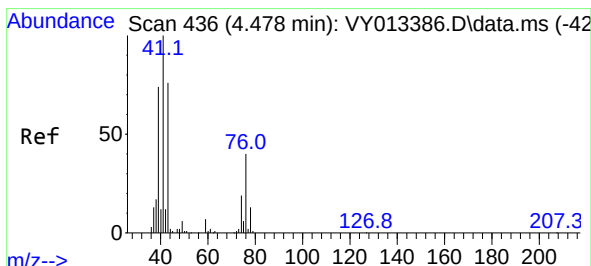
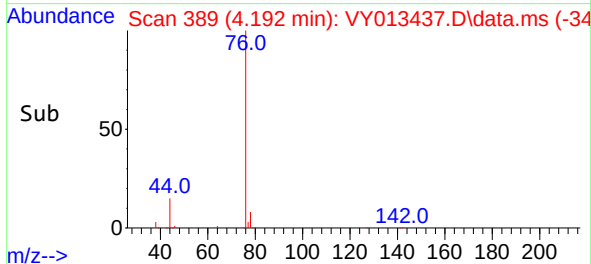
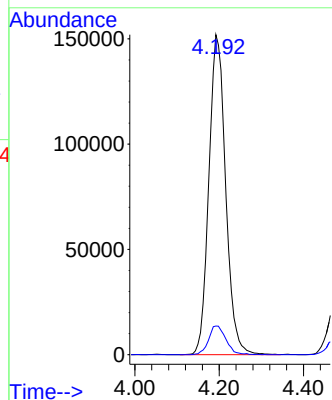
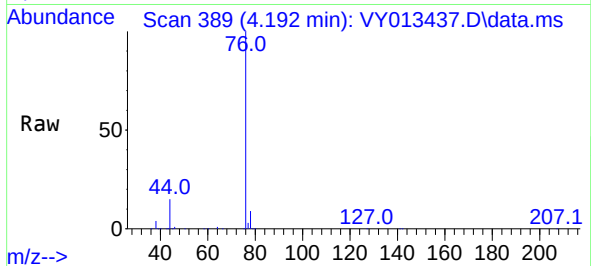




#17
Carbon Disulfide
Concen: 50.581 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

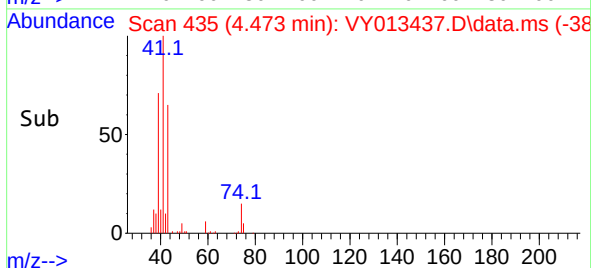
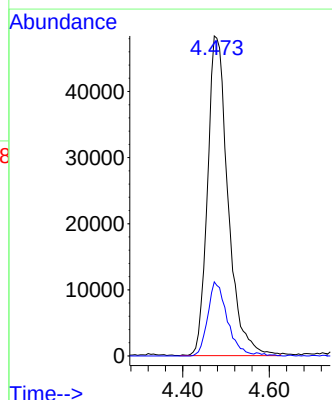
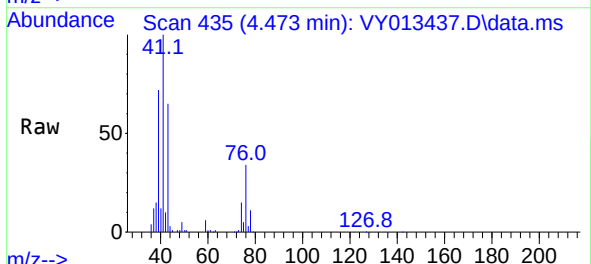
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

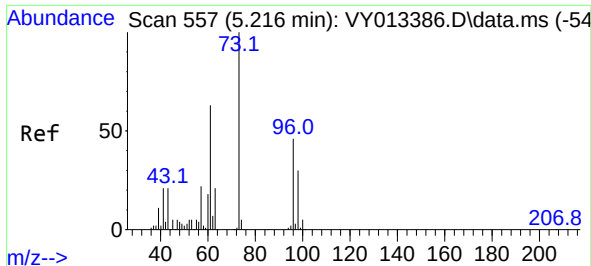
Tgt Ion: 76 Resp: 421379
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 45.178 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 43 Resp: 158957
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2

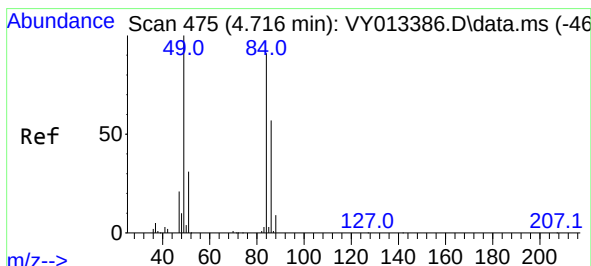
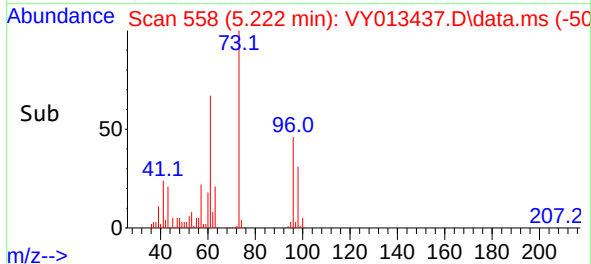
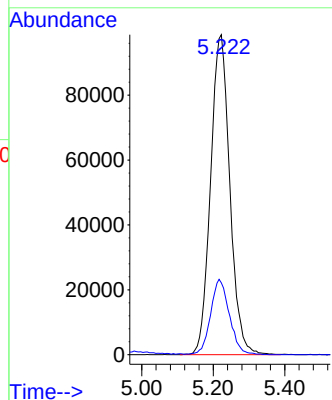
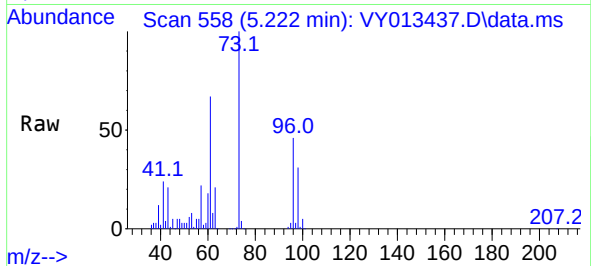




#19
Methyl tert-butyl Ether
Concen: 49.764 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

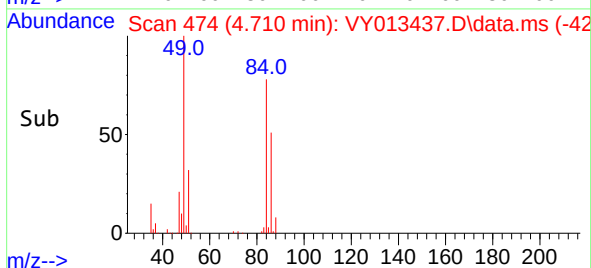
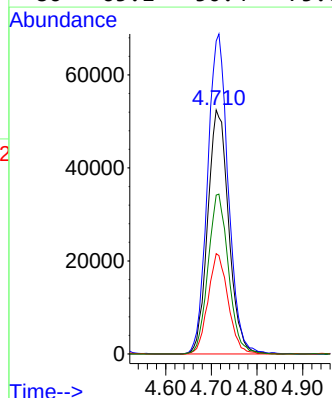
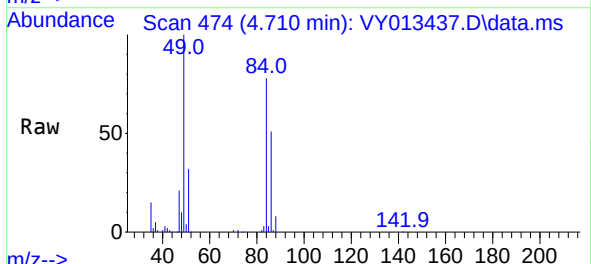
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

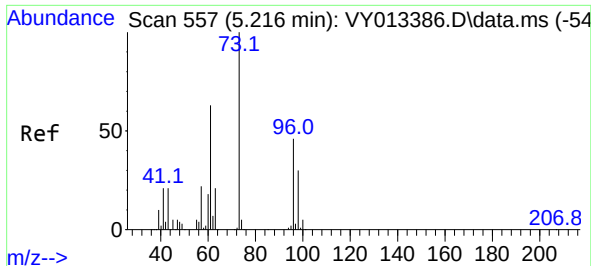
Tgt Ion: 73 Resp: 368456
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 50.125 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 84 Resp: 167216
Ion Ratio Lower Upper
84 100
49 128.3 88.0 132.0
51 41.1 27.4 41.0#
86 65.1 50.4 75.6

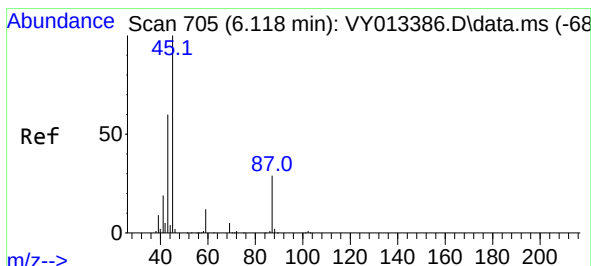
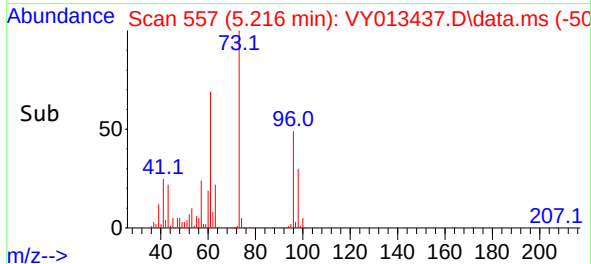
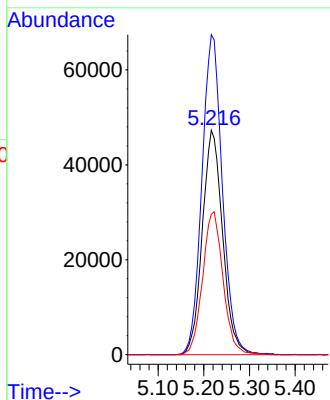
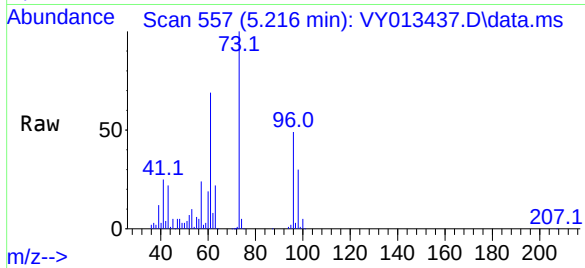




#21
trans-1,2-Dichloroethene
Concen: 52.235 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

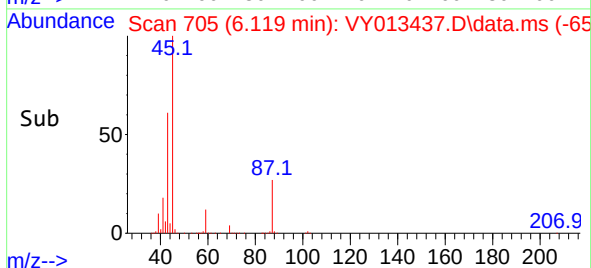
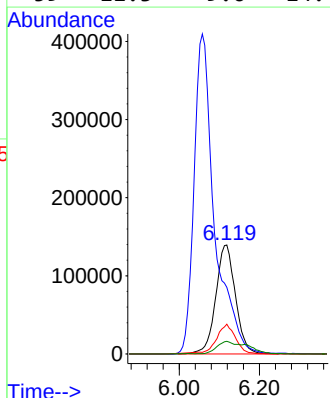
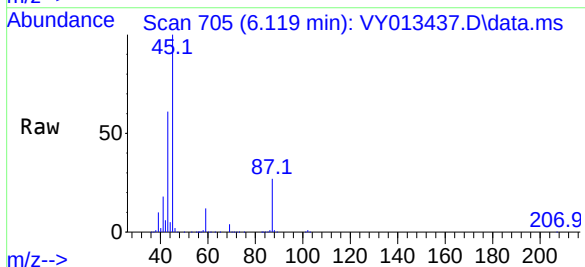
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

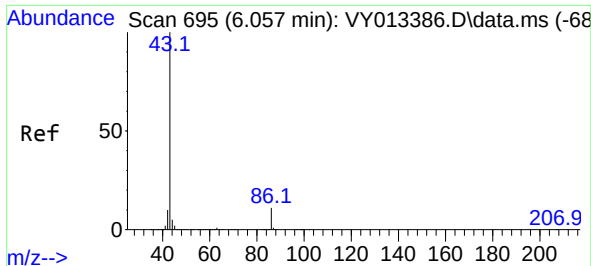
Tgt Ion: 96 Resp: 146472
Ion Ratio Lower Upper
96 100
61 142.4 110.6 165.8
98 62.6 53.1 79.7



#22
Diisopropyl ether
Concen: 51.090 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 45 Resp: 475197
Ion Ratio Lower Upper
45 100
43 60.3 48.4 72.6
87 27.2 23.8 35.6
59 11.3 9.6 14.4

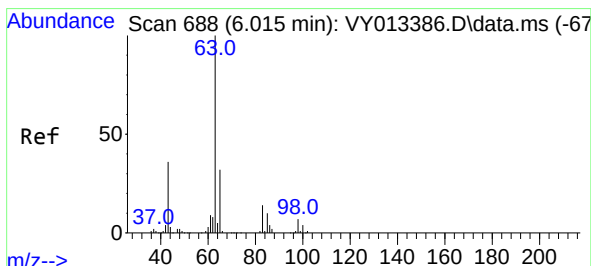
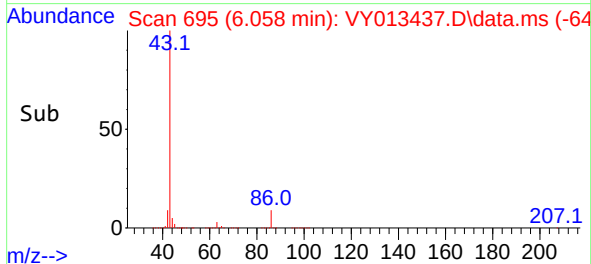
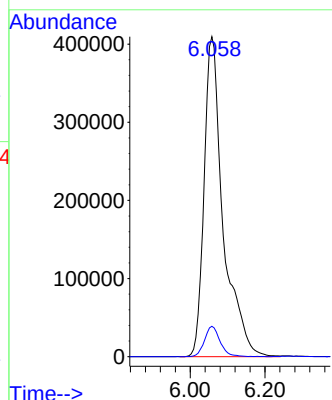
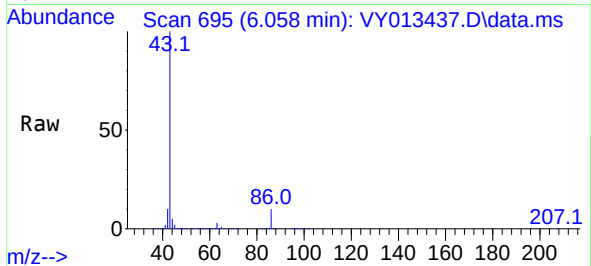




#23
Vinyl Acetate
Concen: 275.062 ug/l
RT: 6.058 min Scan# 61
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

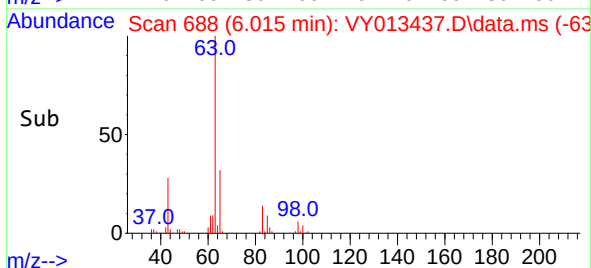
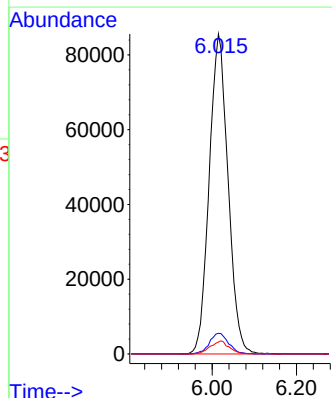
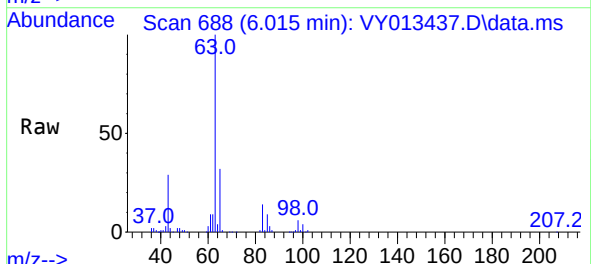
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

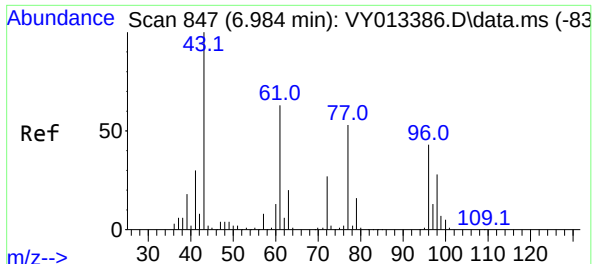
Tgt Ion: 43 Resp: 1448551
Ion Ratio Lower Upper
43 100
86 9.5 8.5 12.7



#24
1,1-Dichloroethane
Concen: 51.221 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 63 Resp: 265520
Ion Ratio Lower Upper
63 100
98 6.4 3.5 10.6
100 3.7 2.2 6.6





#25

2-Butanone

Concen: 243.164 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

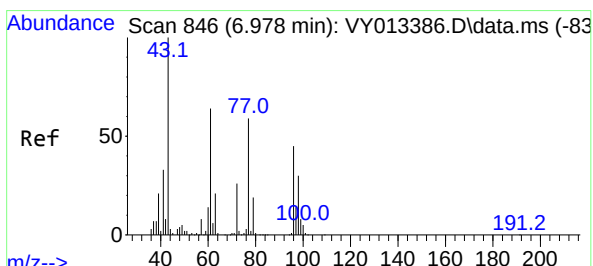
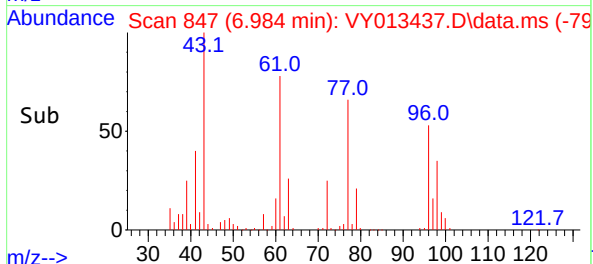
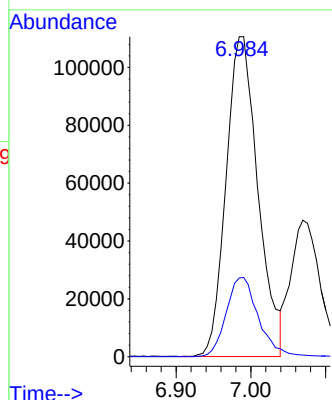
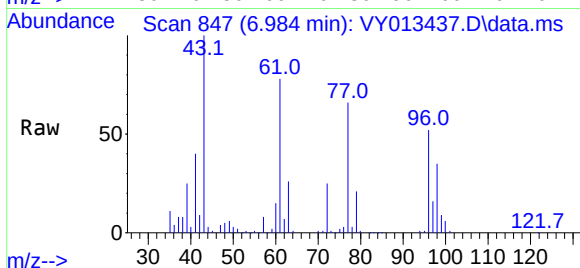
VSTDCCC050

Tgt Ion: 43 Resp: 328524

Ion Ratio Lower Upper

43 100

72 24.6 21.9 32.9



#26

2,2-Dichloropropane

Concen: 51.402 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013437.D

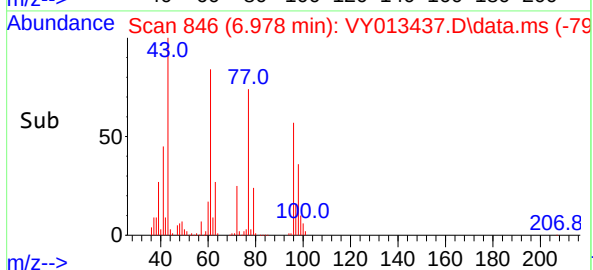
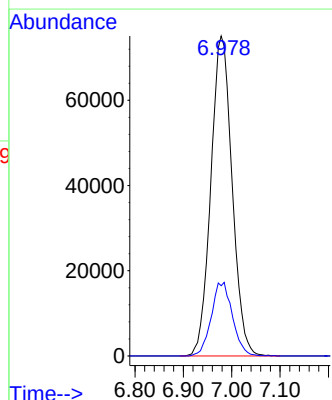
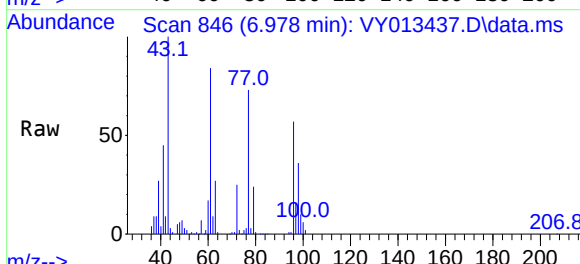
Acq: 25 Apr 2023 10:49

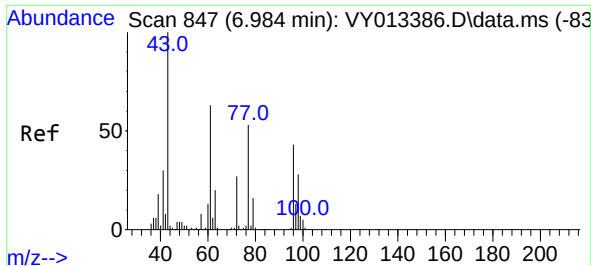
Tgt Ion: 77 Resp: 229609

Ion Ratio Lower Upper

77 100

97 22.9 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 52.104 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

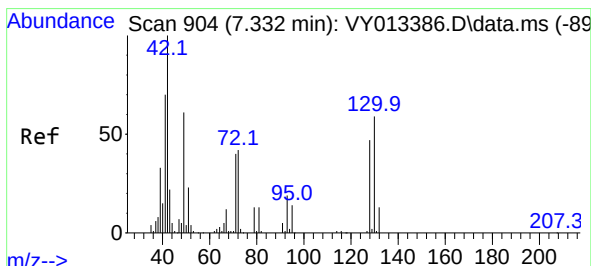
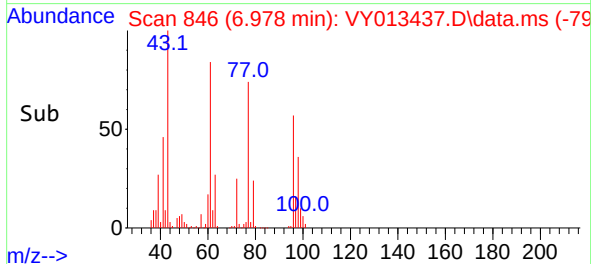
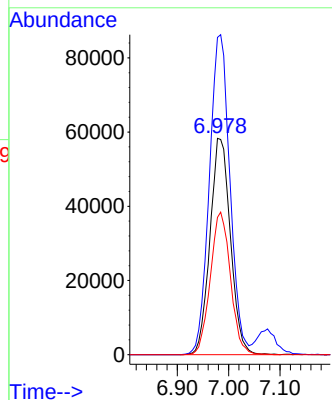
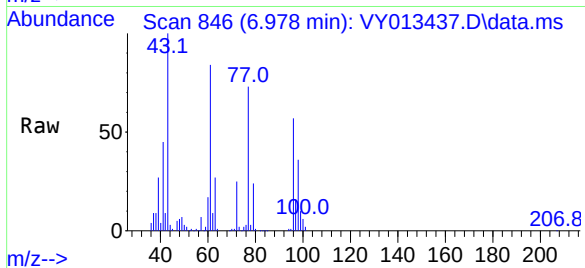
Tgt Ion: 96 Resp: 161428

Ion Ratio Lower Upper

96 100

61 148.6 0.0 285.0

98 64.8 0.0 130.6



#28

Bromochloromethane

Concen: 47.269 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

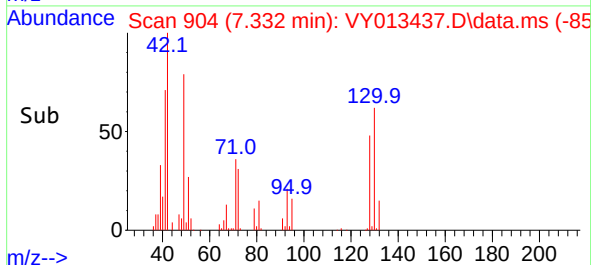
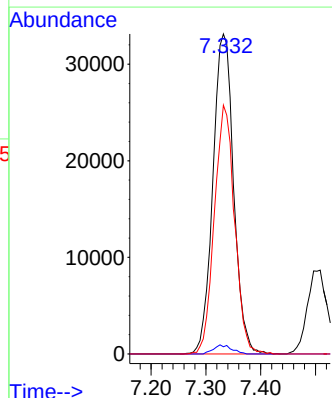
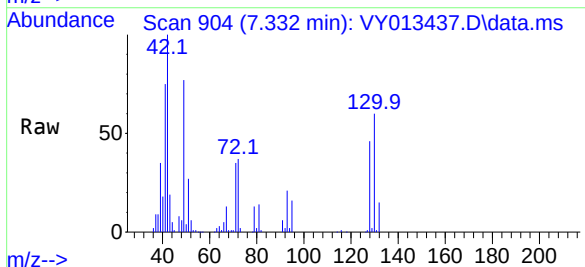
Tgt Ion: 49 Resp: 86954

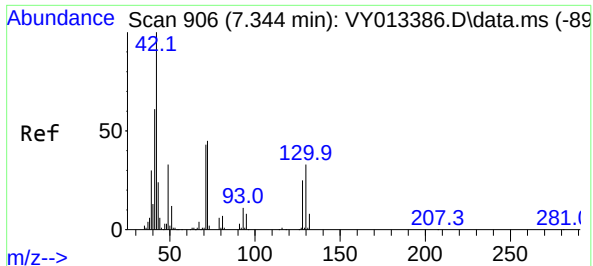
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 75.8 72.1 108.1

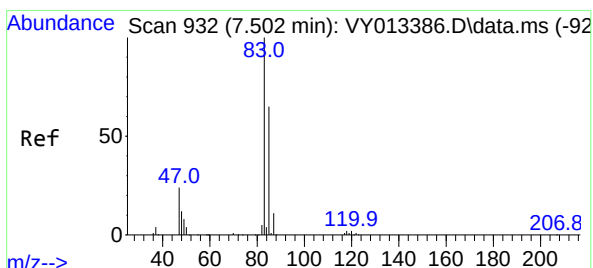
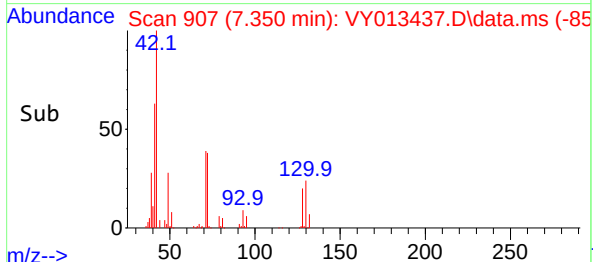
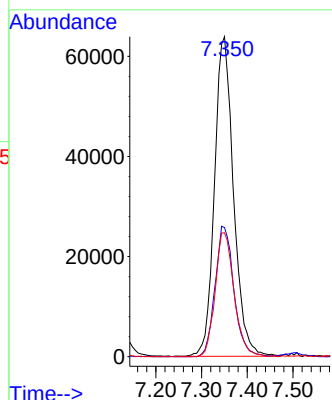
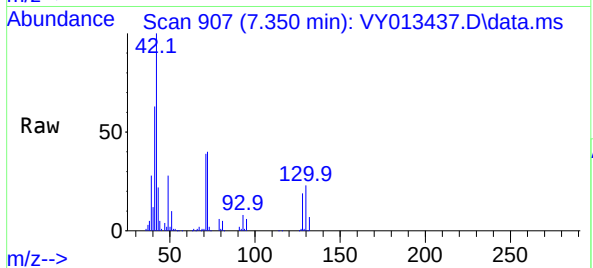




#29
Tetrahydrofuran
Concen: 219.996 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

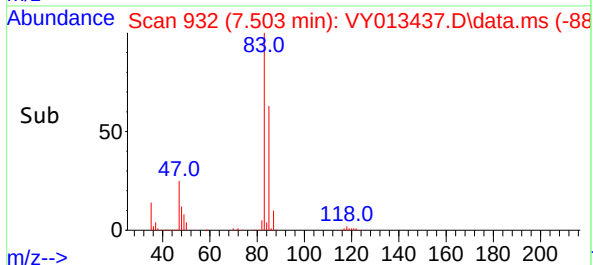
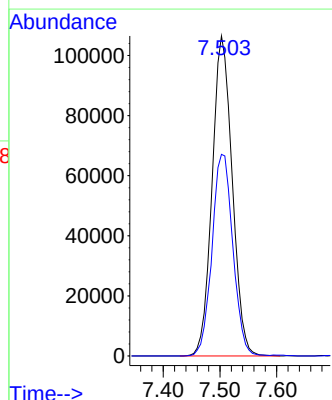
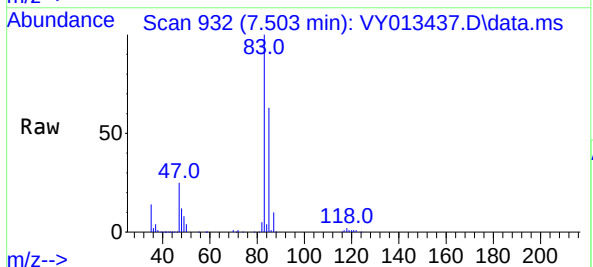
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

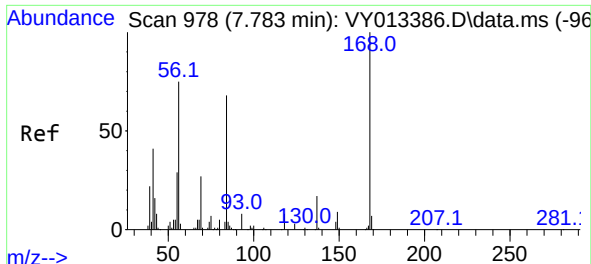
Tgt Ion: 42 Resp: 185015
Ion Ratio Lower Upper
42 100
72 40.4 35.9 53.9
71 38.6 34.3 51.5



#30
Chloroform
Concen: 50.875 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 83 Resp: 262210
Ion Ratio Lower Upper
83 100
85 63.0 52.0 78.0

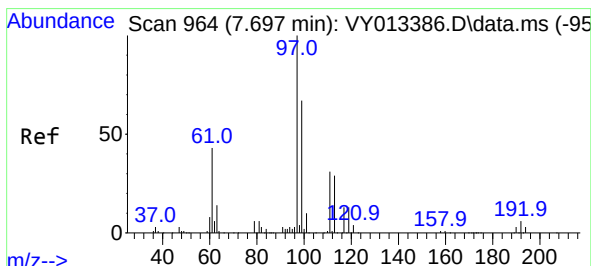
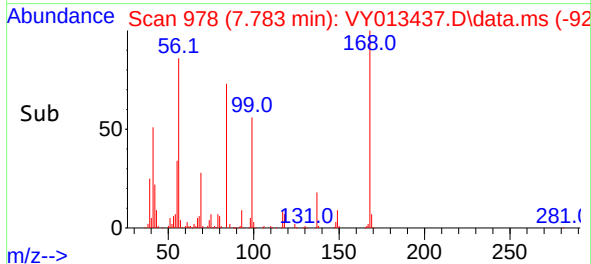
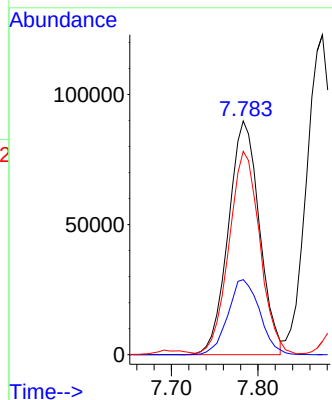
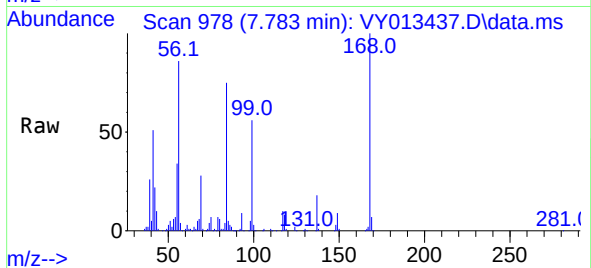




#31
Cyclohexane
Concen: 46.216 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

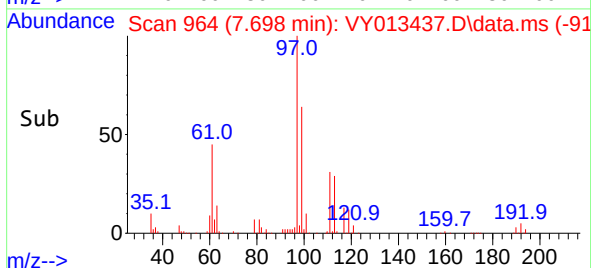
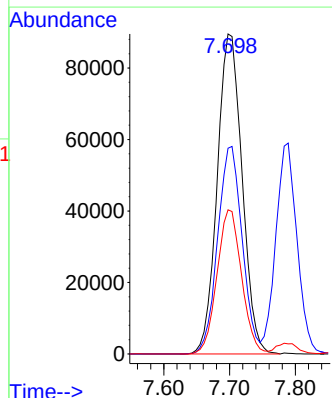
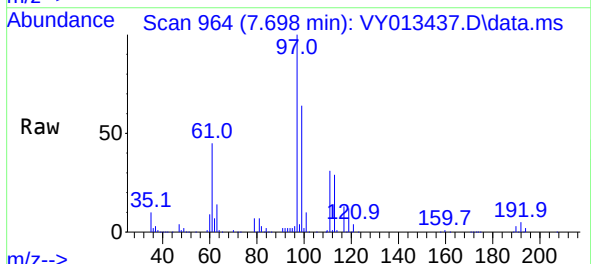
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

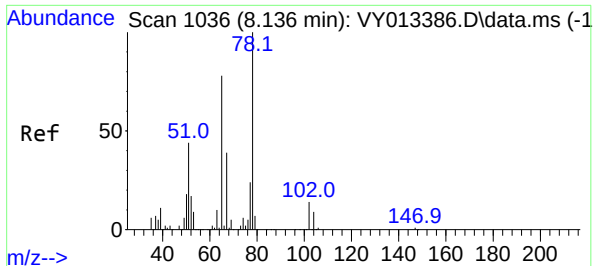
Tgt Ion: 56 Resp: 223837
Ion Ratio Lower Upper
56 100
69 32.1 29.2 43.8
84 85.4 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 51.289 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 97 Resp: 235888
Ion Ratio Lower Upper
97 100
99 64.0 52.2 78.2
61 44.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.247 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

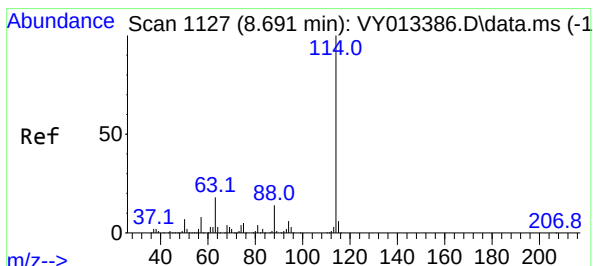
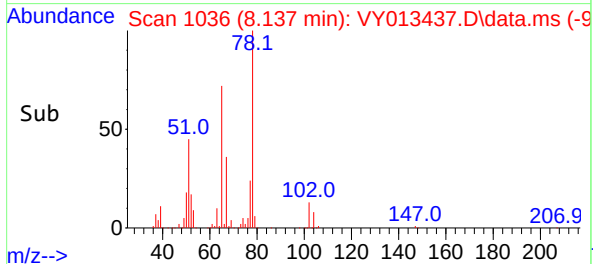
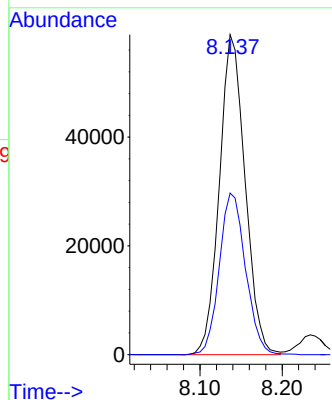
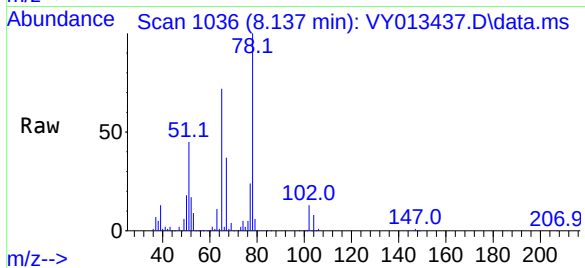
VSTDCCC050

Tgt Ion: 65 Resp: 127809

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

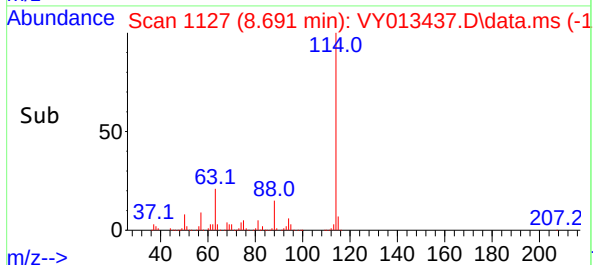
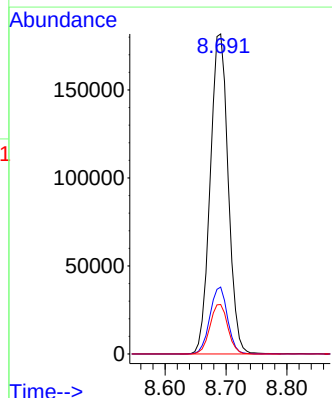
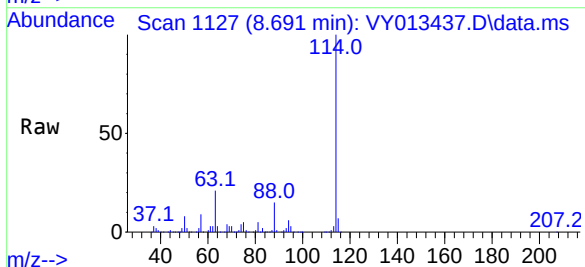
Tgt Ion: 114 Resp: 371980

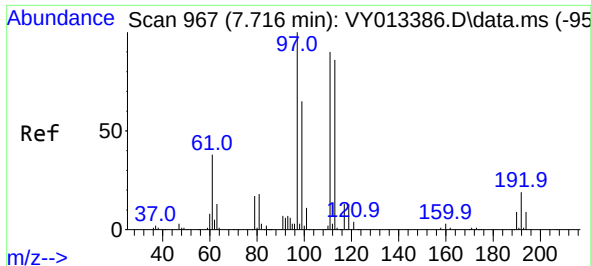
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 15.4 0.0 28.8

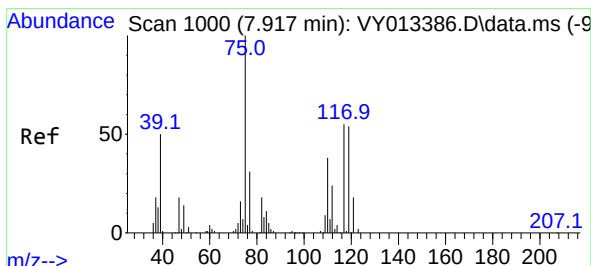
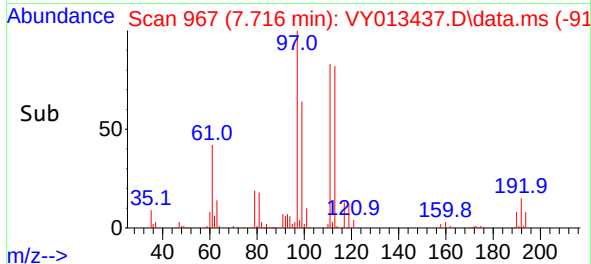
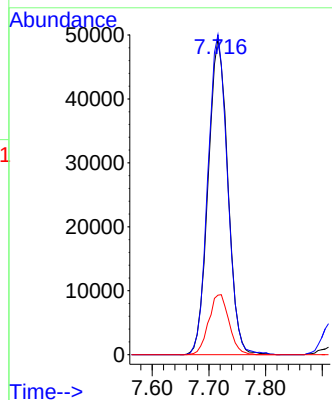
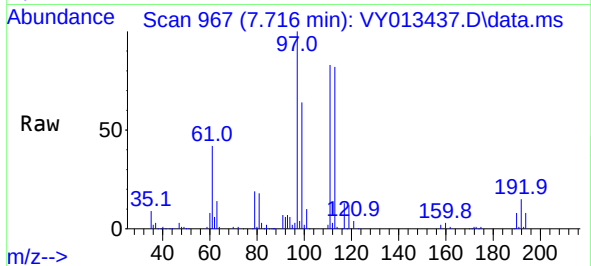




#35
Dibromofluoromethane
Concen: 50.785 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

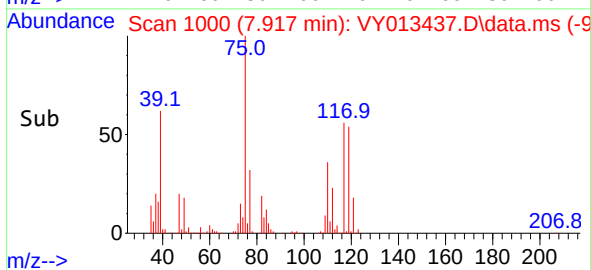
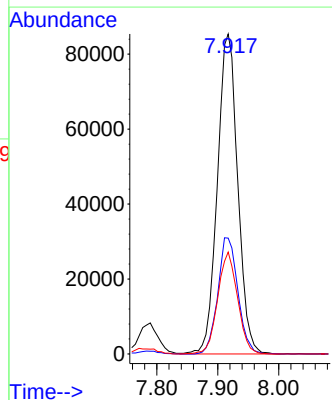
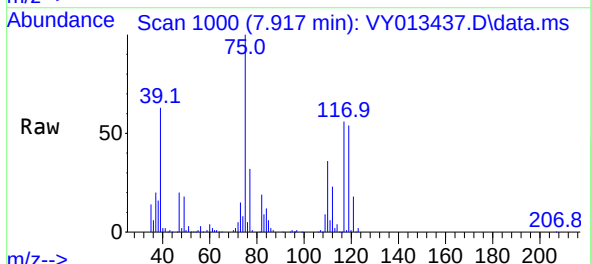
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

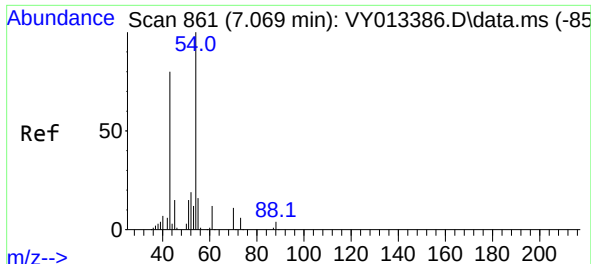
Tgt Ion:113 Resp: 118815
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 51.079 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 75 Resp: 198332
Ion Ratio Lower Upper
75 100
110 35.9 18.7 56.1
77 31.1 24.6 37.0

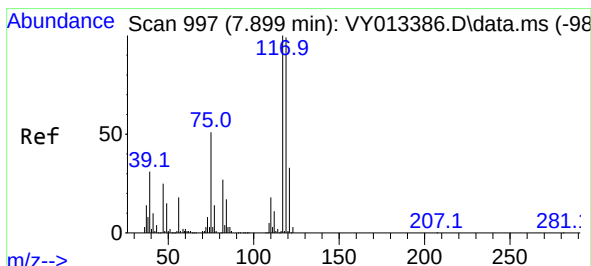
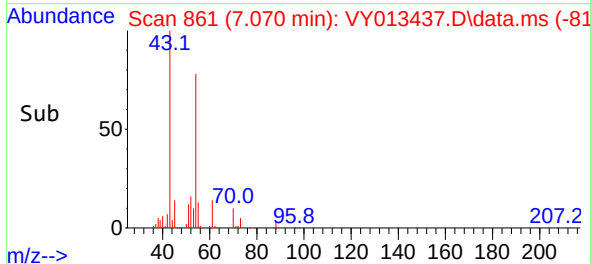
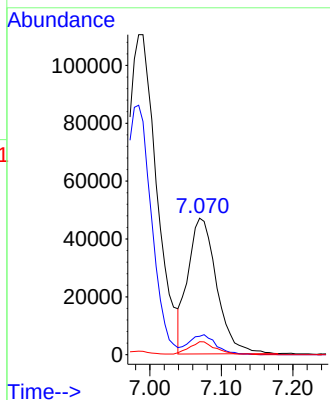
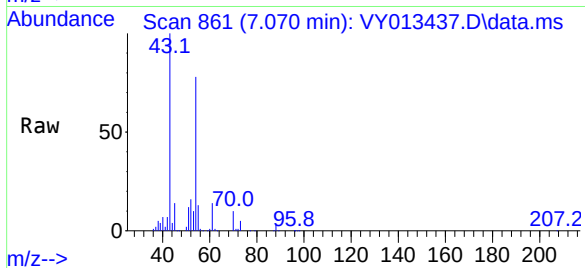




#37
Ethyl Acetate
Concen: 44.868 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

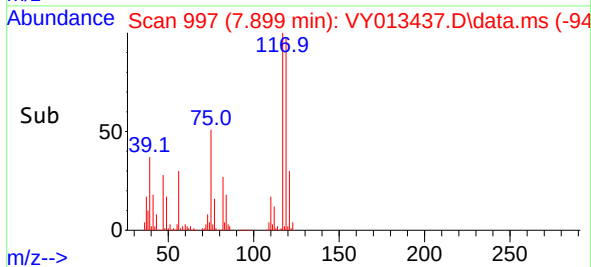
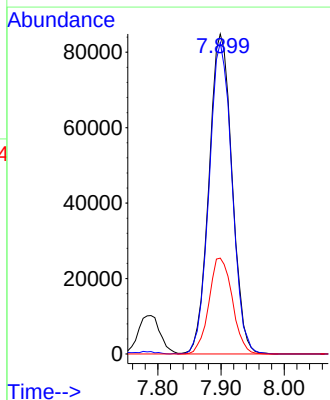
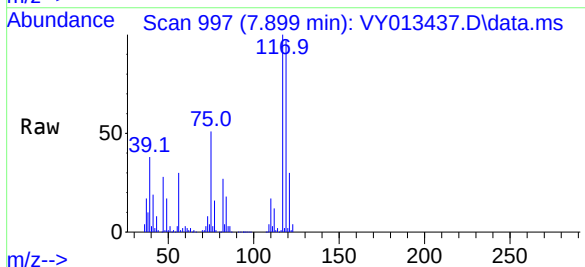
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

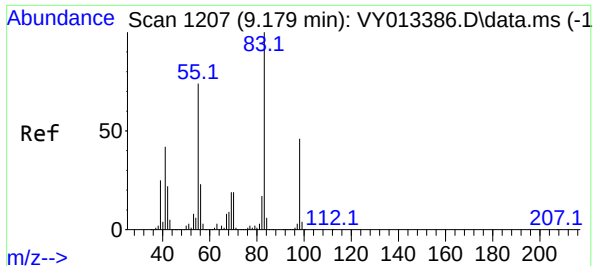
Tgt Ion: 43 Resp: 131103
Ion Ratio Lower Upper
43 100
61 14.1 11.4 17.0
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 52.796 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 117 Resp: 214863
Ion Ratio Lower Upper
117 100
119 97.3 79.0 118.6
121 30.0 26.6 40.0





#39

Methylcyclohexane

Concen: 52.412 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

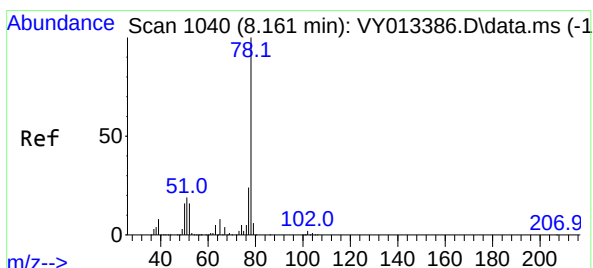
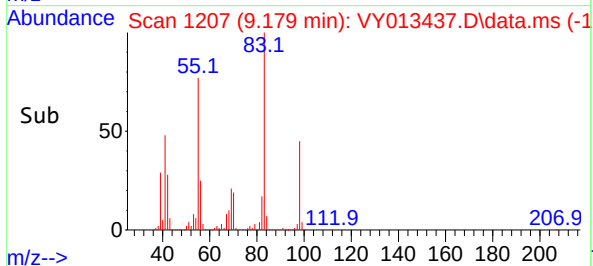
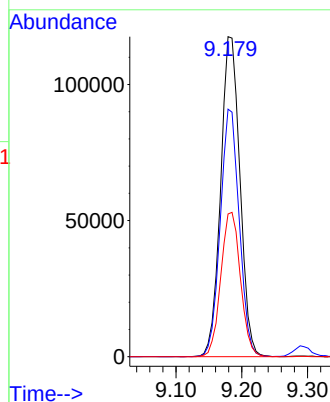
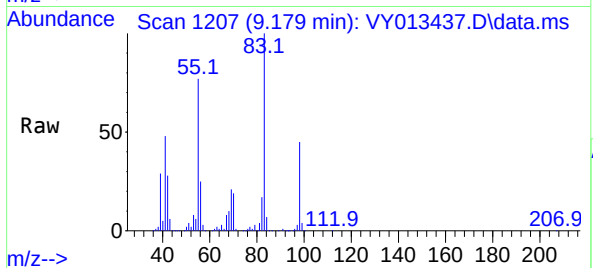
Tgt Ion: 83 Resp: 239915

Ion Ratio Lower Upper

83 100

55 77.3 59.0 88.4

98 44.6 37.0 55.4



#40

Benzene

Concen: 52.723 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013437.D

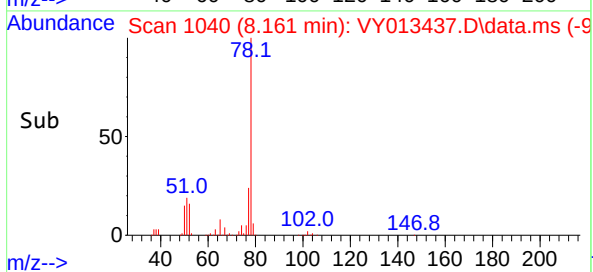
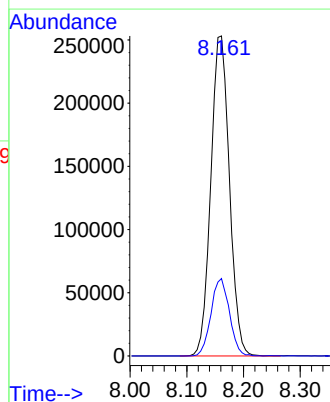
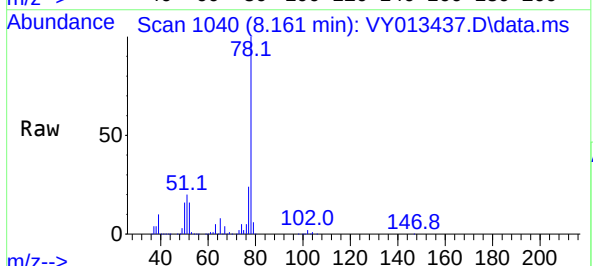
Acq: 25 Apr 2023 10:49

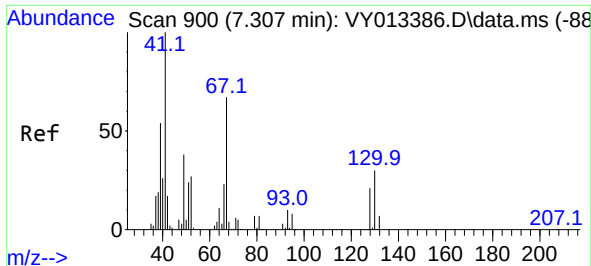
Tgt Ion: 78 Resp: 576662

Ion Ratio Lower Upper

78 100

77 24.2 19.2 28.8



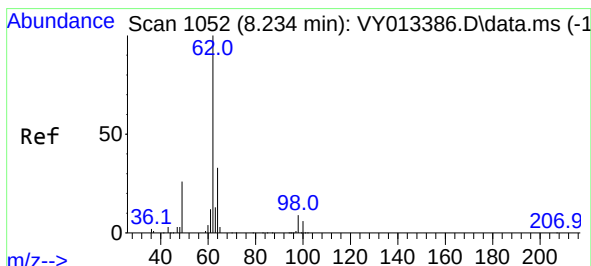
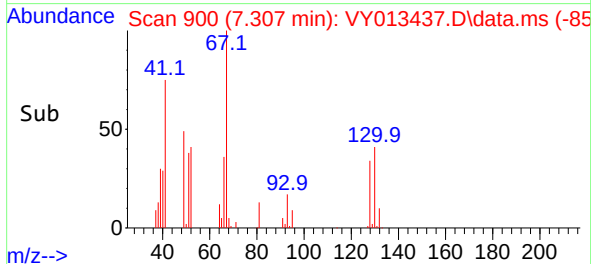
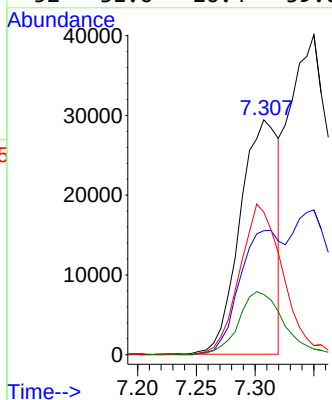
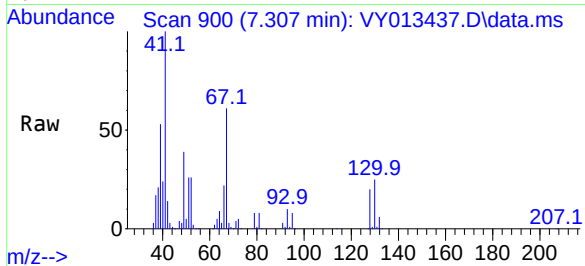


#41
Methacrylonitrile
Concen: 48.989 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 66705

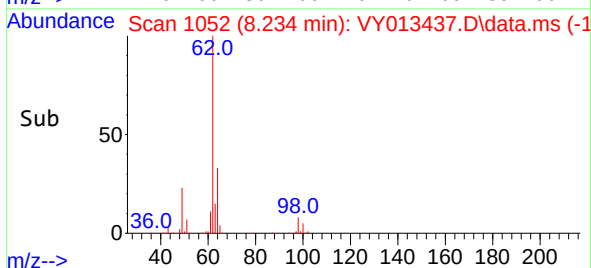
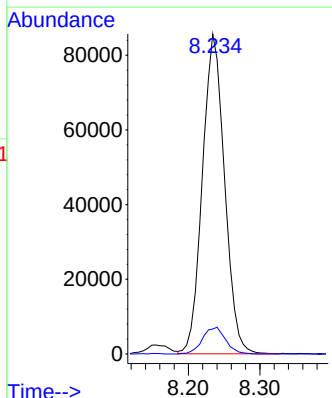
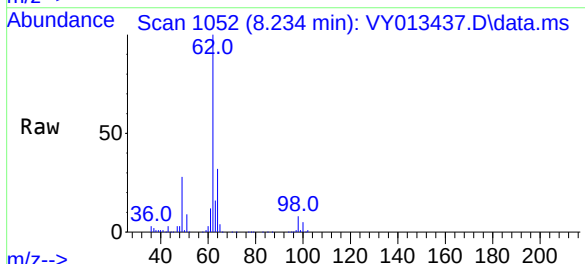
Ion	Ratio	Lower	Upper
41	100		
39	61.4	44.2	66.4
67	73.3	62.9	94.3
52	31.6	26.4	39.6

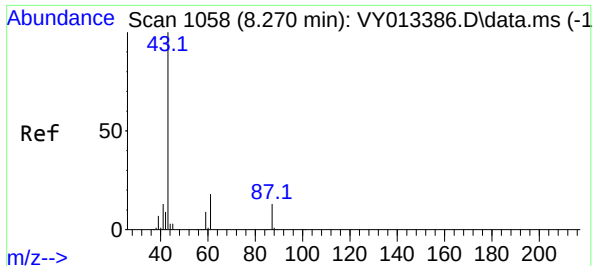


#42
1,2-Dichloroethane
Concen: 51.557 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 62 Resp: 184360

Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8





#43

Isopropyl Acetate

Concen: 47.235 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

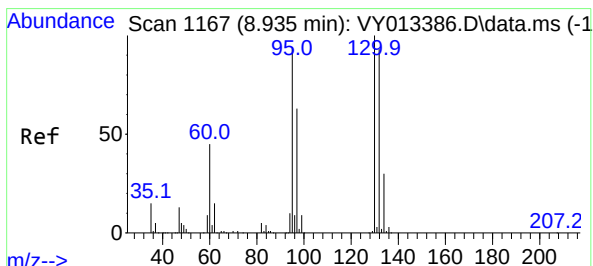
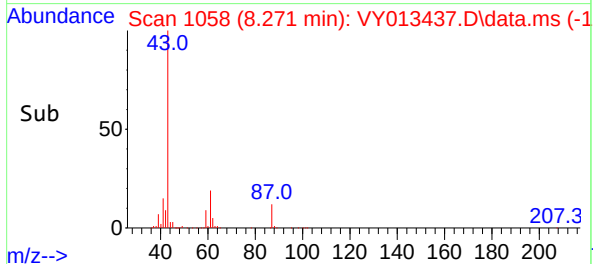
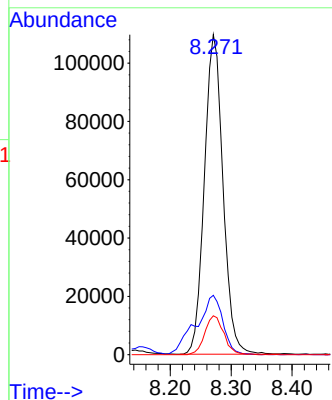
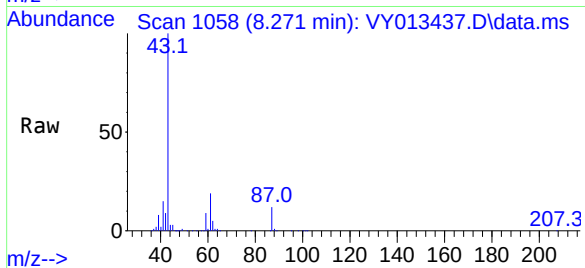
Tgt Ion: 43 Resp: 232963

Ion Ratio Lower Upper

43 100

61 26.9 22.2 33.4

87 12.5 11.0 16.6



#44

Trichloroethene

Concen: 52.533 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013437.D

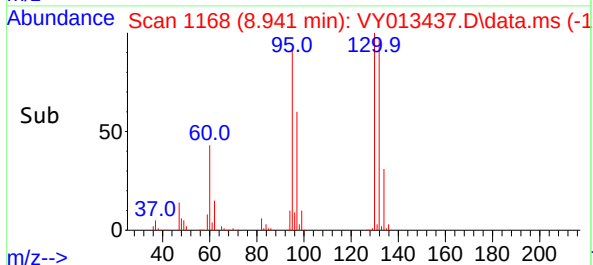
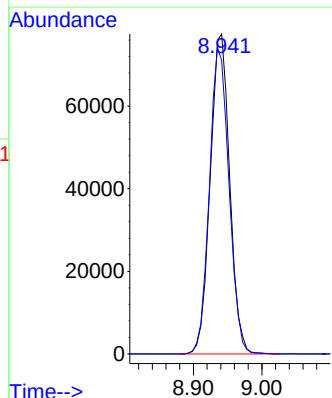
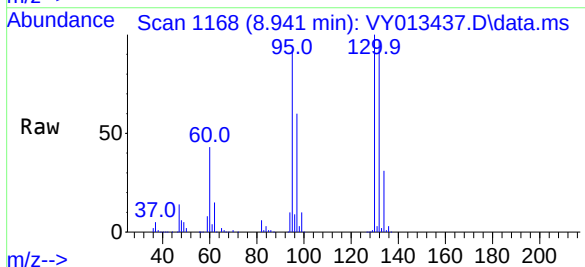
Acq: 25 Apr 2023 10:49

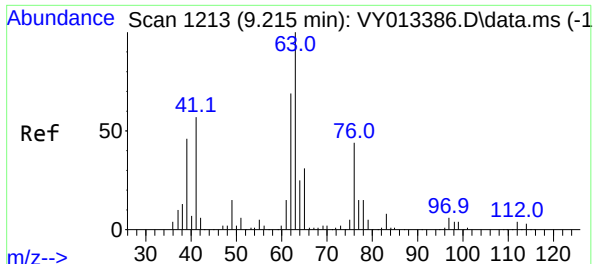
Tgt Ion:130 Resp: 152838

Ion Ratio Lower Upper

130 100

95 91.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 51.839 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

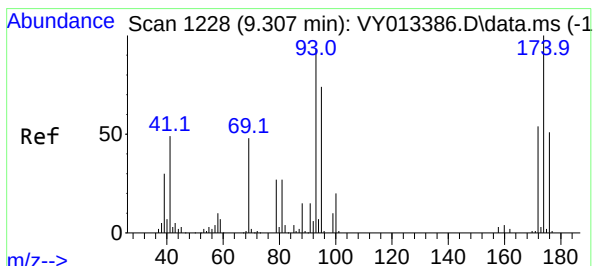
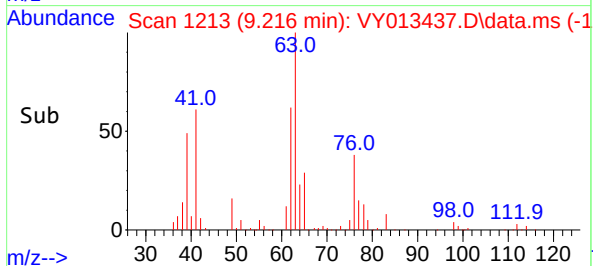
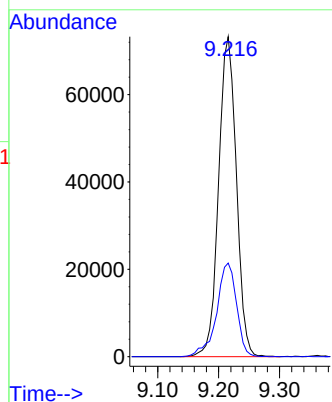
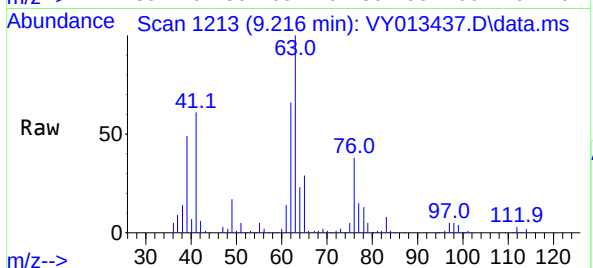
VSTDCCC050

Tgt Ion: 63 Resp: 148248

Ion Ratio Lower Upper

63 100

65 29.3 24.6 37.0



#46

Dibromomethane

Concen: 50.727 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

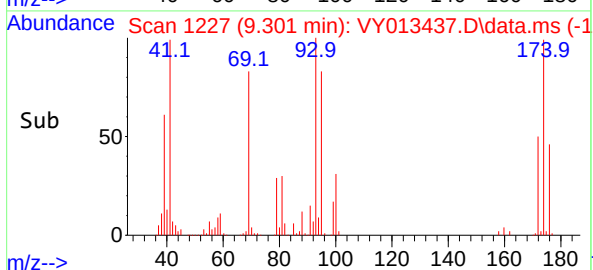
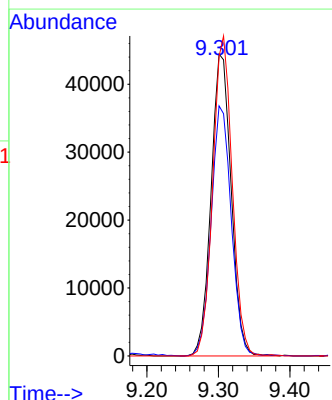
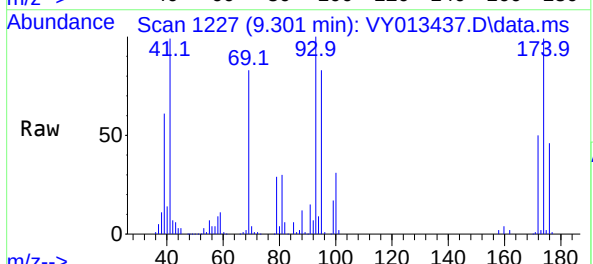
Tgt Ion: 93 Resp: 86800

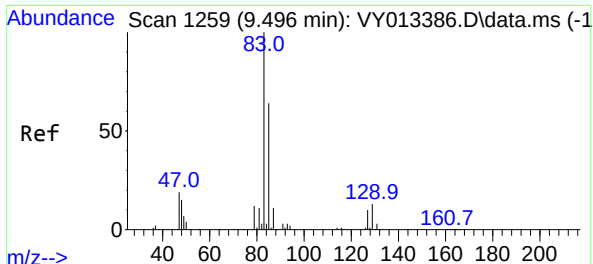
Ion Ratio Lower Upper

93 100

95 82.8 67.1 100.7

174 102.5 87.0 130.4

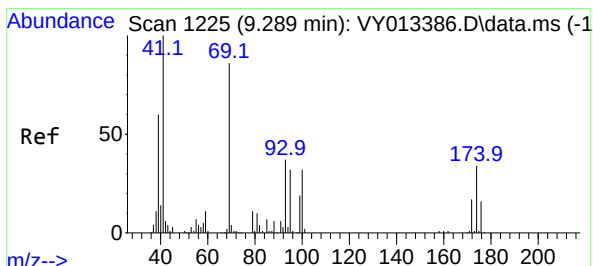
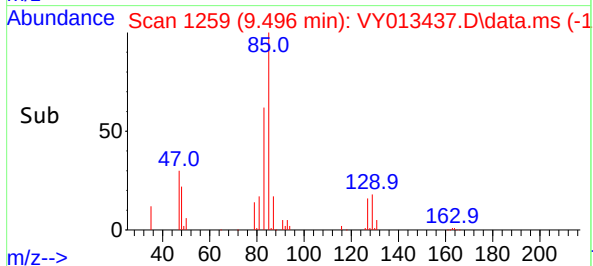
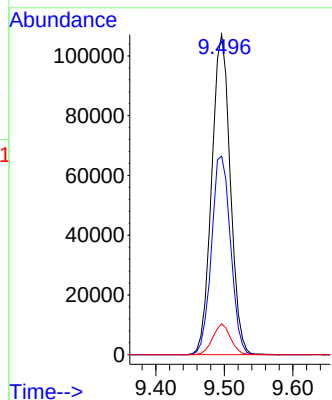
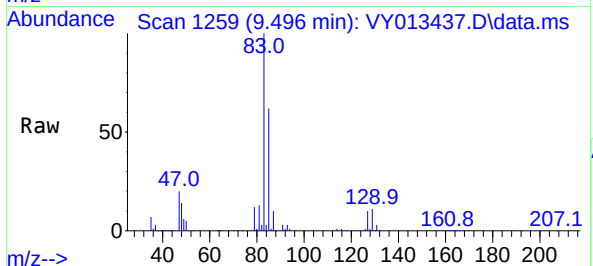




#47
Bromodichloromethane
Concen: 52.606 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

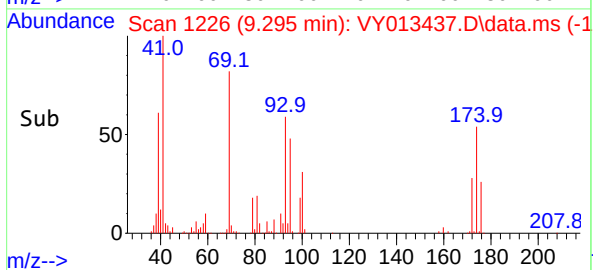
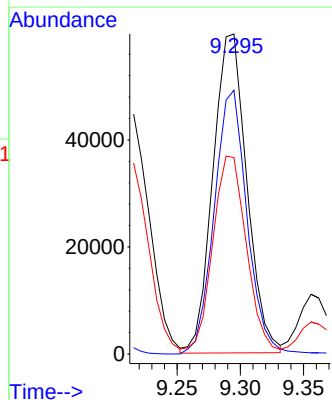
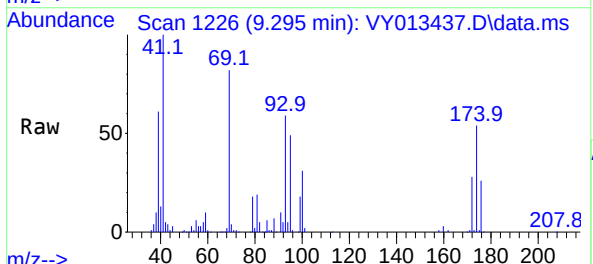
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

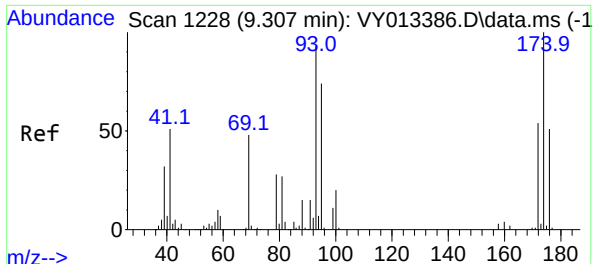
Tgt Ion: 83 Resp: 201422
Ion Ratio Lower Upper
83 100
85 62.0 51.4 77.2
127 9.6 8.1 12.1



#48
Methyl methacrylate
Concen: 49.108 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 41 Resp: 111234
Ion Ratio Lower Upper
41 100
69 80.0 70.2 105.4
39 59.0 47.9 71.9





#49

1,4-Dioxane

Concen: 925.758 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

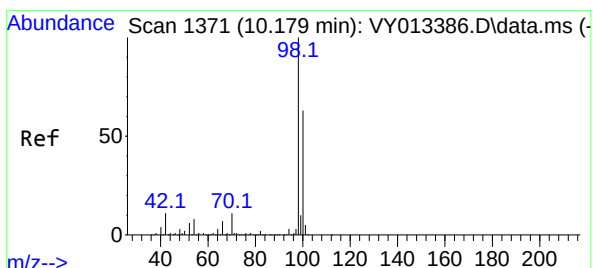
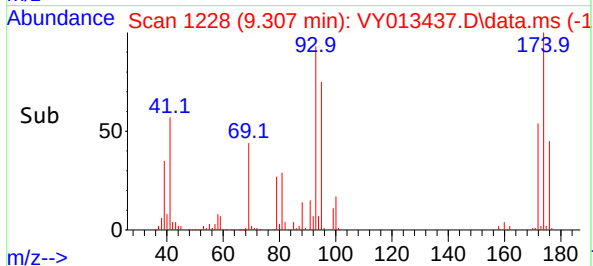
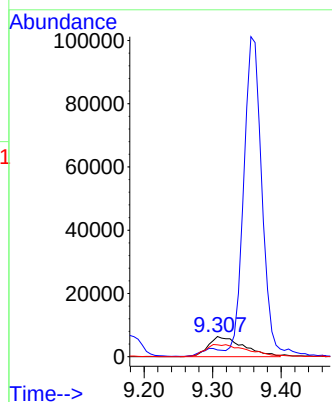
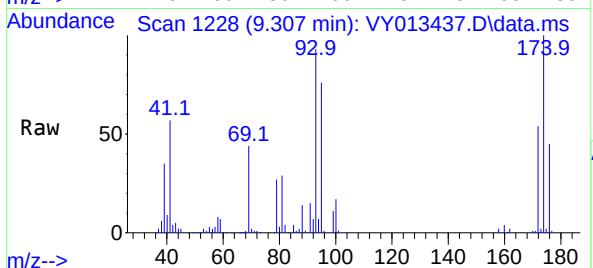
Tgt Ion: 88 Resp: 22624

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 74.8 54.3 81.5



#50

Toluene-d8

Concen: 50.385 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013437.D

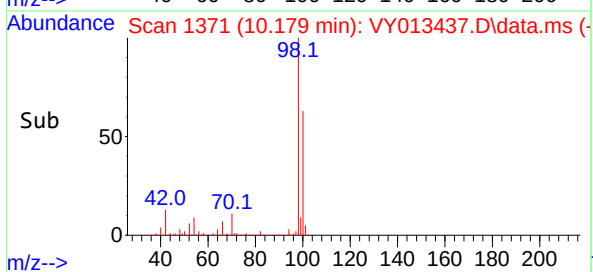
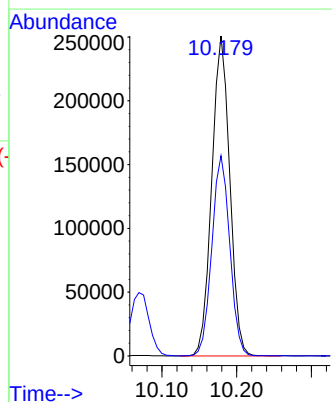
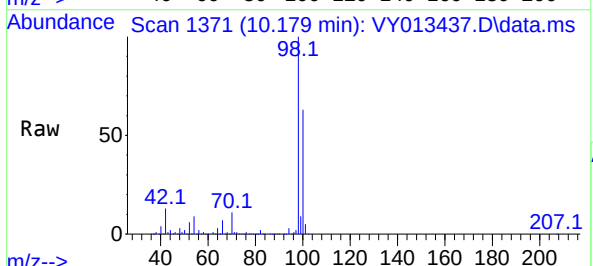
Acq: 25 Apr 2023 10:49

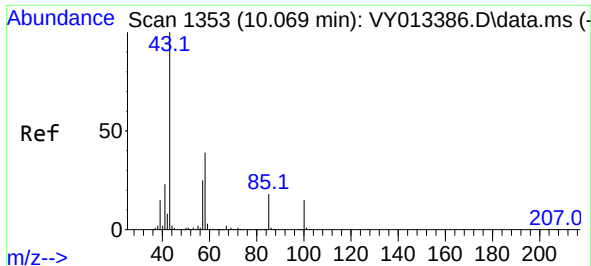
Tgt Ion: 98 Resp: 419349

Ion Ratio Lower Upper

98 100

100 62.4 50.5 75.7

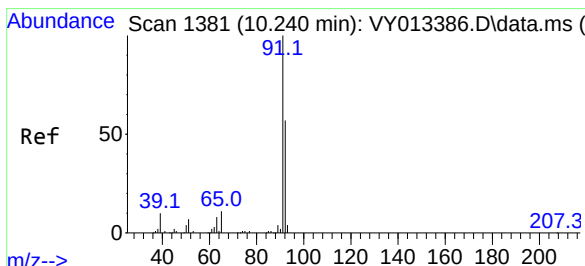
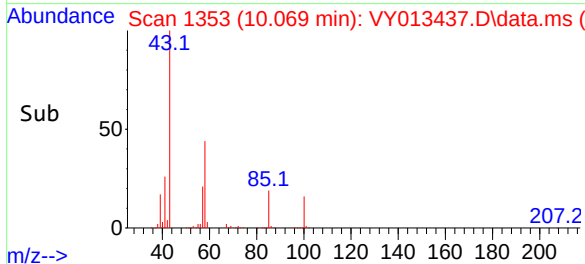
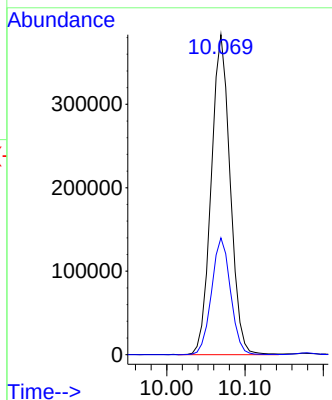
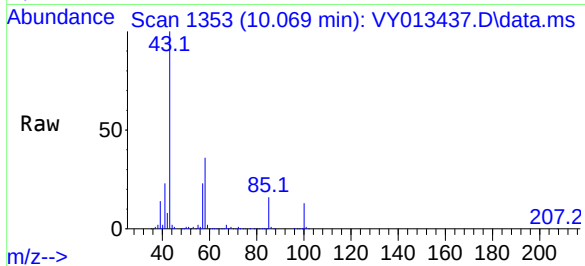




#51
4-Methyl-2-Pentanone
Concen: 234.286 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

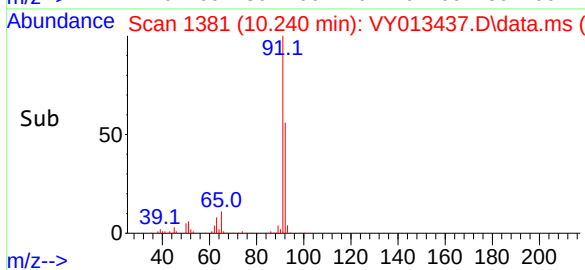
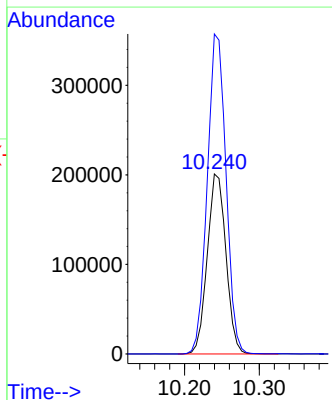
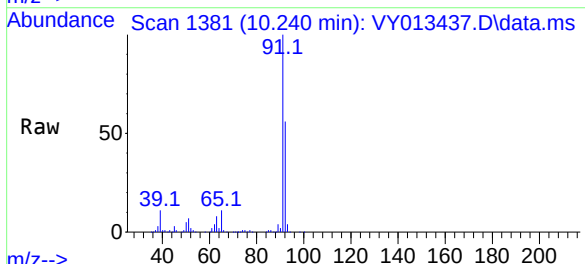
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

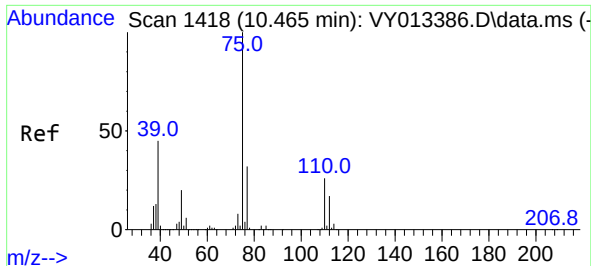
Tgt Ion: 43 Resp: 643898
Ion Ratio Lower Upper
43 100
58 36.6 30.6 46.0



#52
Toluene
Concen: 52.994 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 92 Resp: 348804
Ion Ratio Lower Upper
92 100
91 178.3 140.2 210.4

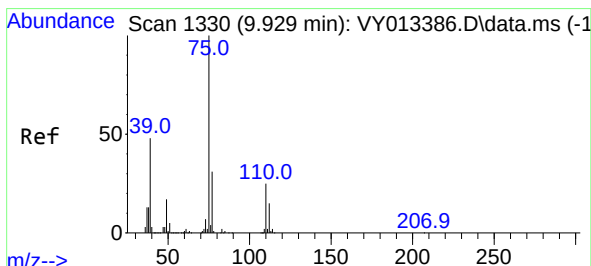
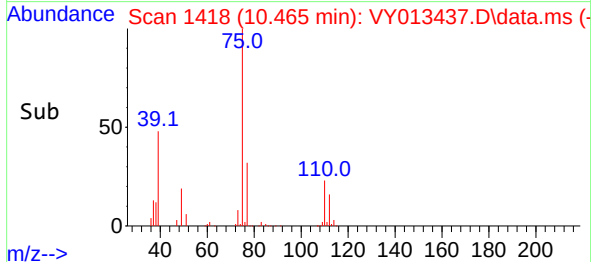
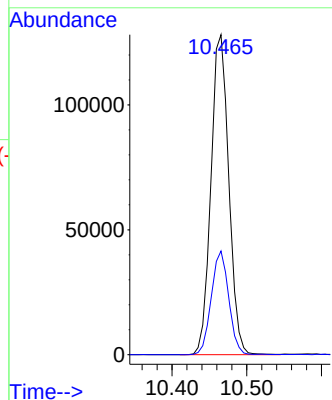
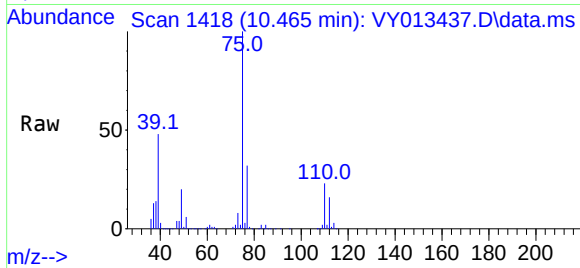




#53
t-1,3-Dichloropropene
Concen: 52.495 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

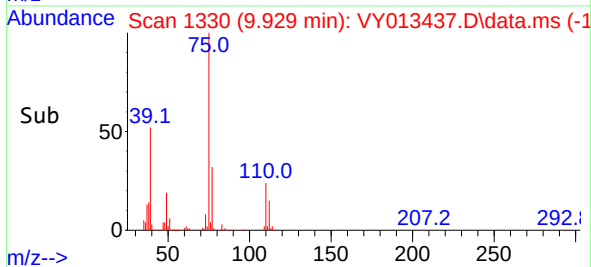
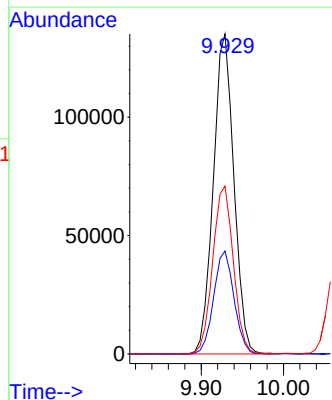
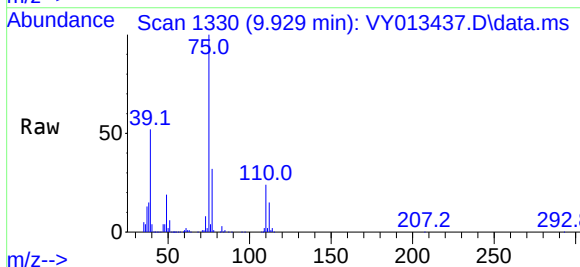
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

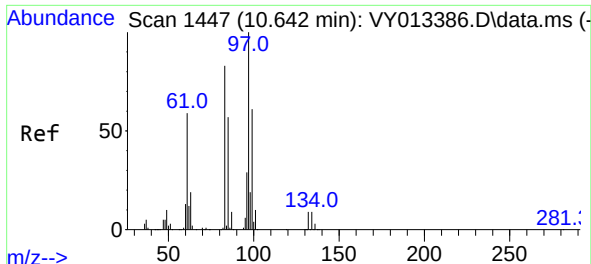
Tgt Ion: 75 Resp: 212722
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.550 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 75 Resp: 235052
Ion Ratio Lower Upper
75 100
77 32.2 24.8 37.2
39 52.4 38.1 57.1



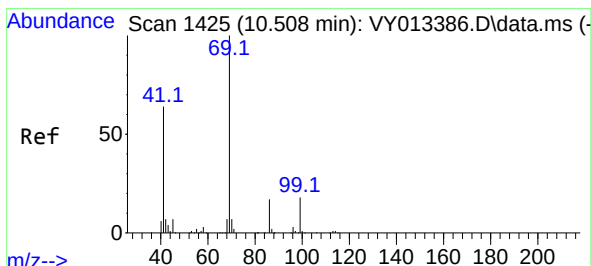
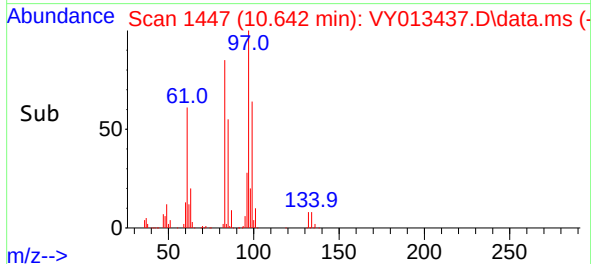
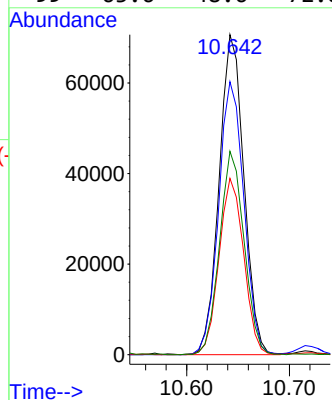
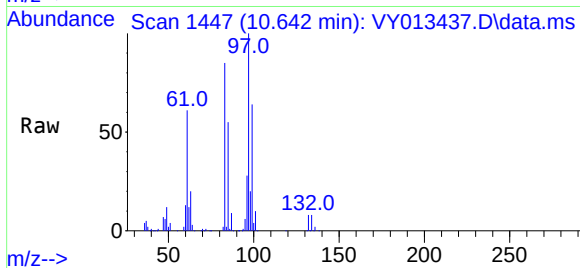


#55
1,1,2-Trichloroethane
Concen: 52.173 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 118225

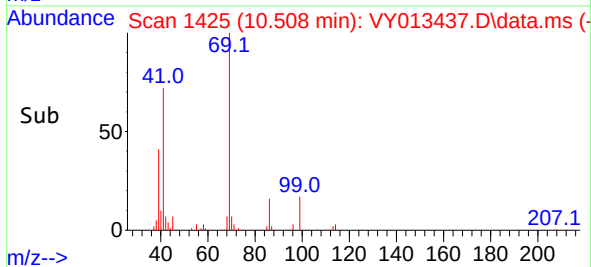
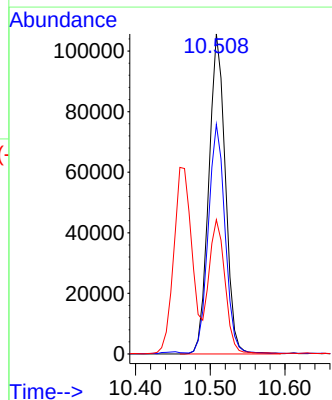
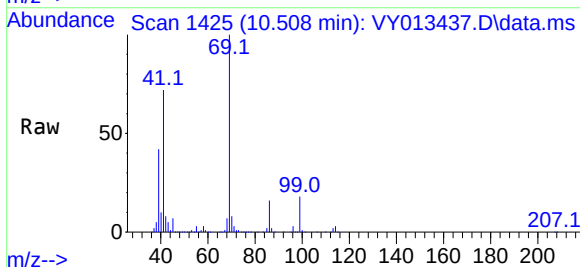
Ion	Ratio	Lower	Upper
97	100		
83	85.3	66.4	99.6
85	55.0	45.6	68.4
99	63.6	48.6	72.8

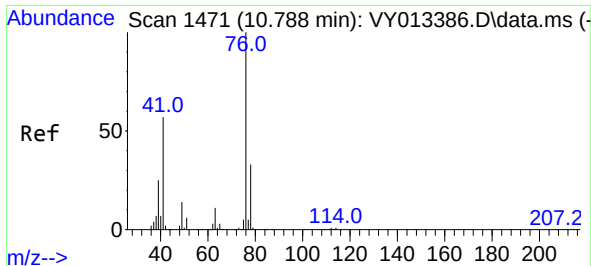


#56
Ethyl methacrylate
Concen: 51.882 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 69 Resp: 163105

Ion	Ratio	Lower	Upper
69	100		
41	72.4	51.4	77.0
39	39.8	29.0	43.6





#57

1,3-Dichloropropane

Concen: 51.298 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

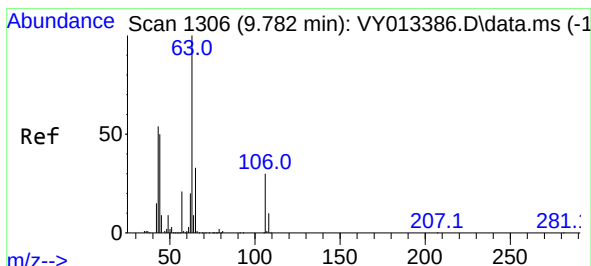
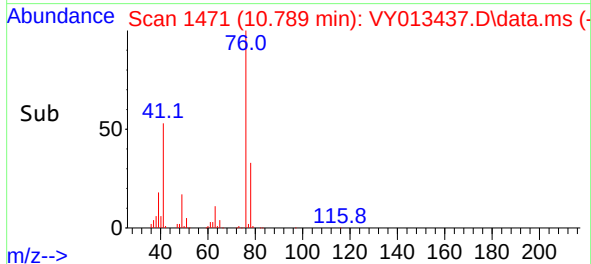
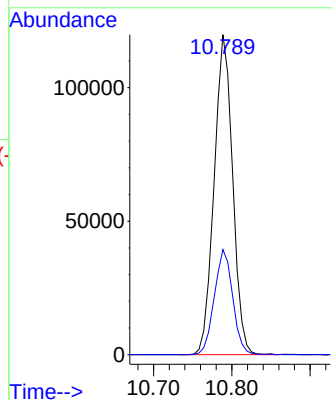
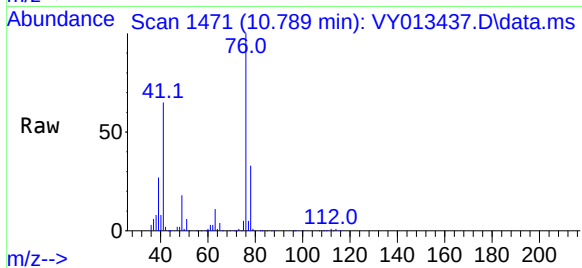
VSTDCCC050

Tgt Ion: 76 Resp: 196867

Ion Ratio Lower Upper

76 100

78 32.6 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 231.727 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013437.D

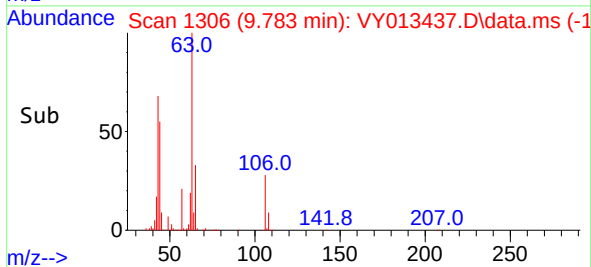
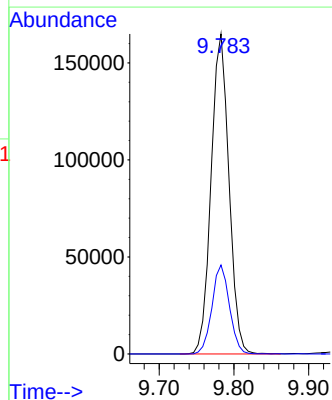
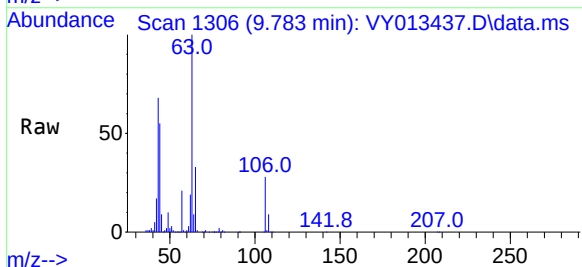
Acq: 25 Apr 2023 10:49

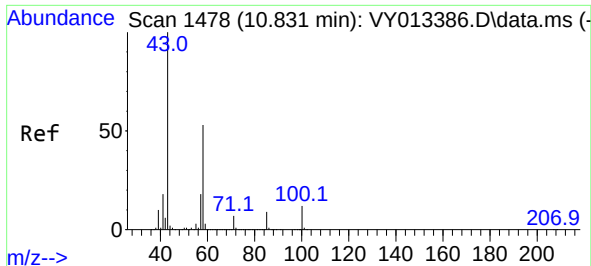
Tgt Ion: 63 Resp: 273174

Ion Ratio Lower Upper

63 100

106 27.2 23.5 35.3

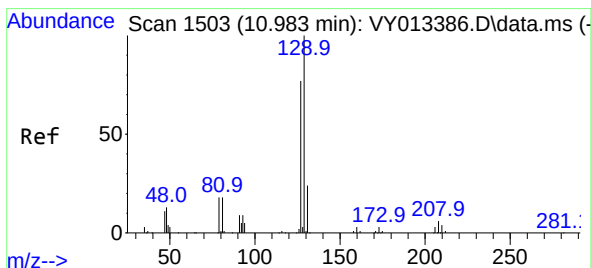
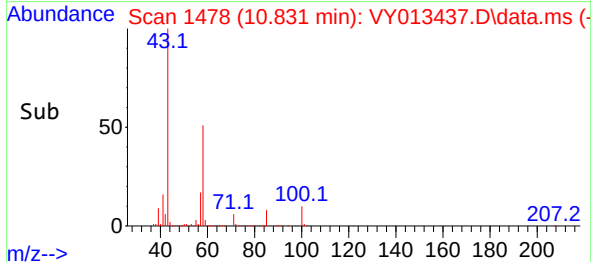
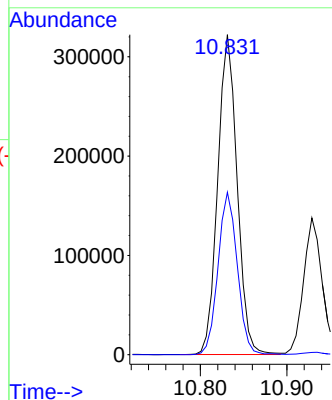
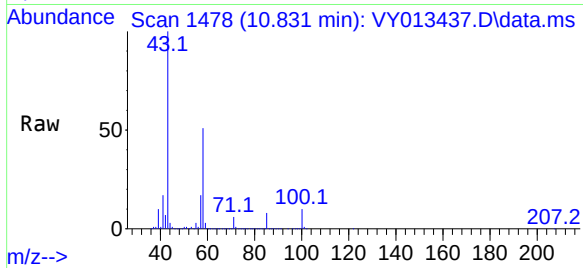




#59
2-Hexanone
Concen: 251.131 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

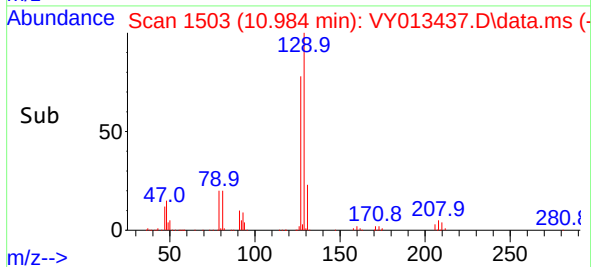
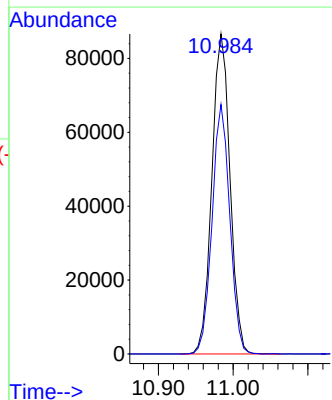
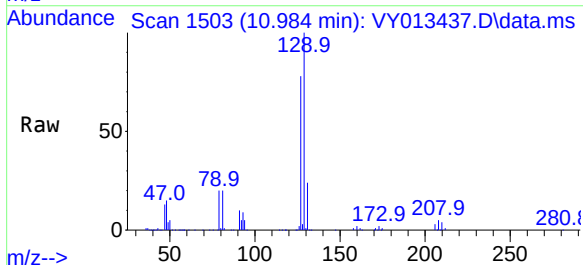
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

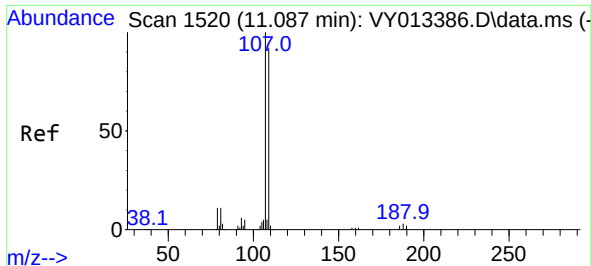
Tgt Ion: 43 Resp: 501716
Ion Ratio Lower Upper
43 100
58 50.5 26.3 78.8



#60
Dibromochloromethane
Concen: 53.051 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 129 Resp: 145967
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1

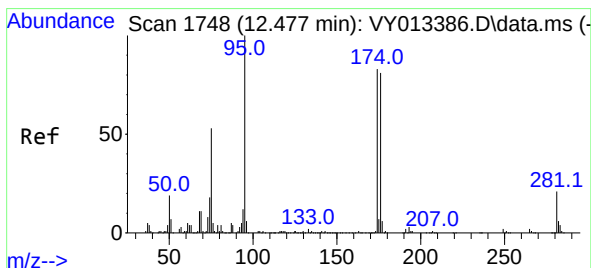
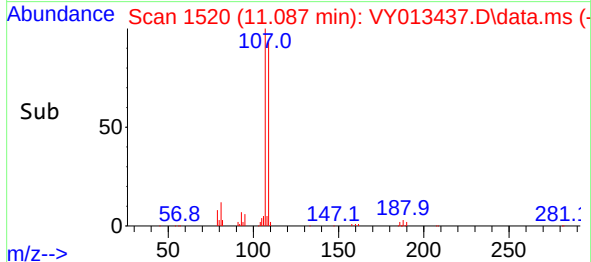
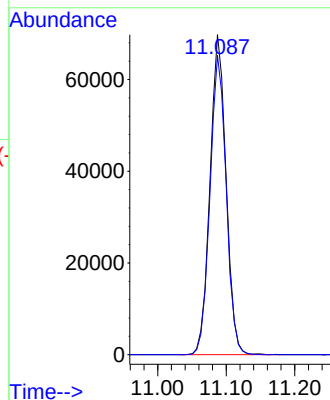
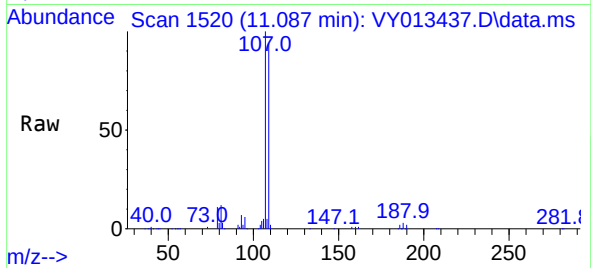




#61
1,2-Dibromoethane
Concen: 51.111 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

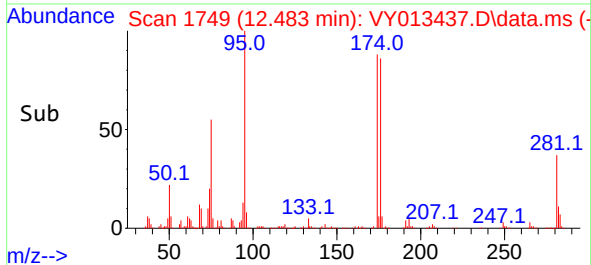
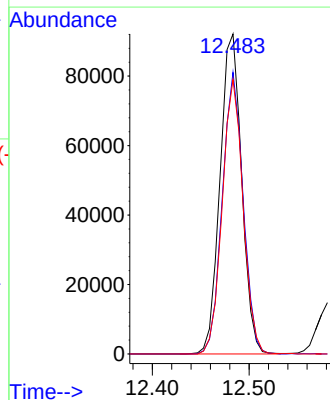
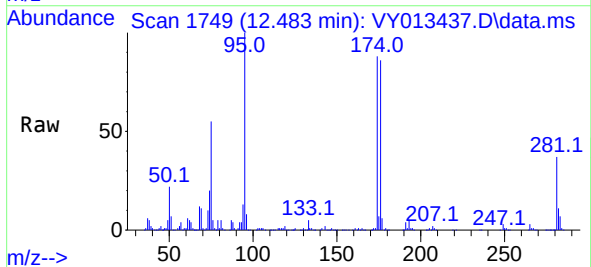
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

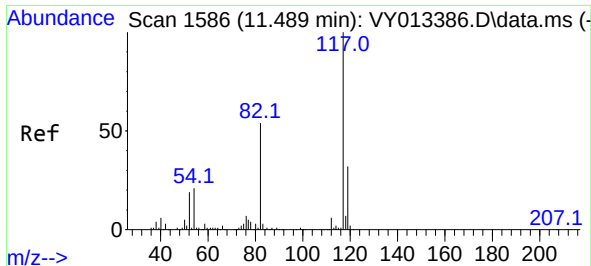
Tgt Ion:107 Resp: 113869
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.858 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 95 Resp: 142700
Ion Ratio Lower Upper
95 100
174 84.7 0.0 182.0
176 82.7 0.0 175.4

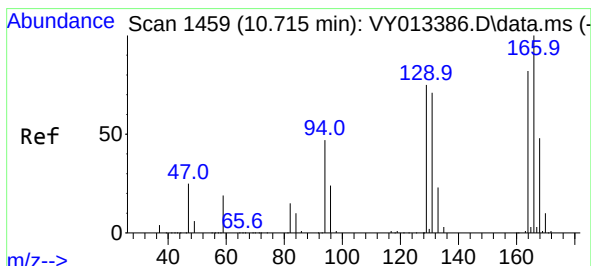
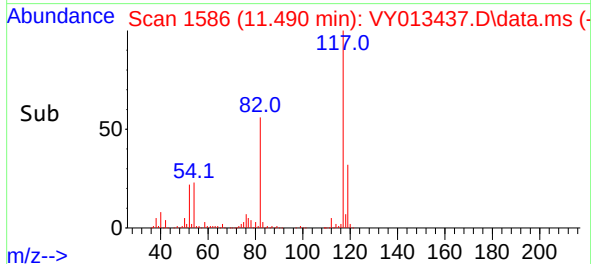
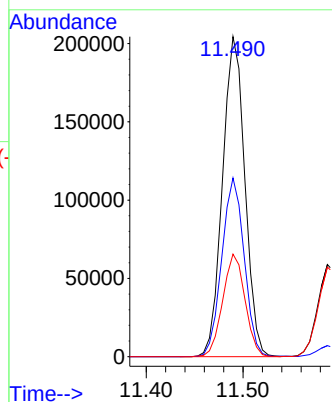
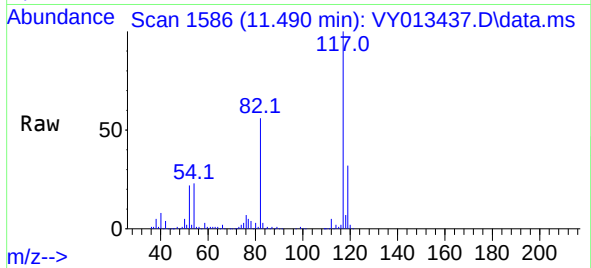




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

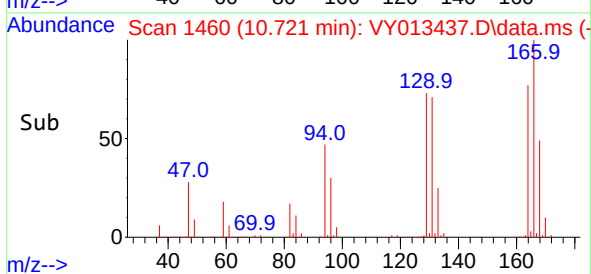
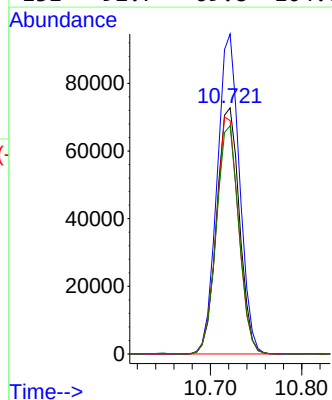
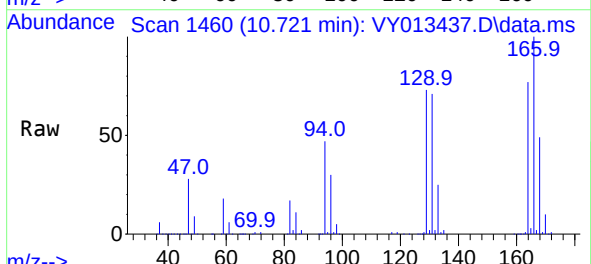
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

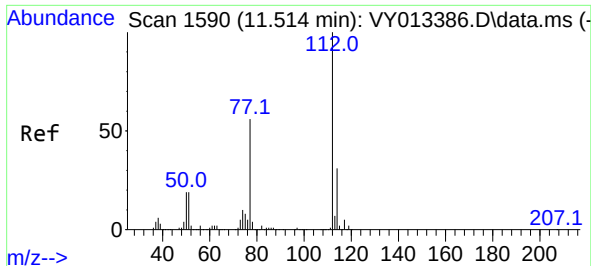
Tgt Ion:117 Resp: 328028
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.6
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 50.588 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:164 Resp: 126185
Ion Ratio Lower Upper
164 100
166 130.0 97.5 146.3
129 94.8 72.6 109.0
131 92.7 69.8 104.6

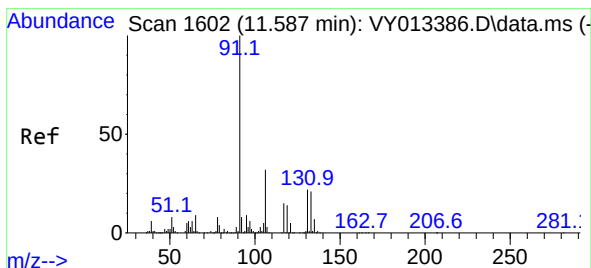
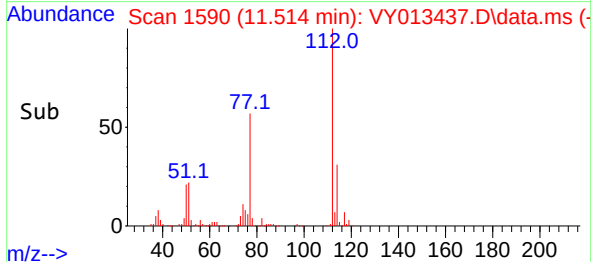
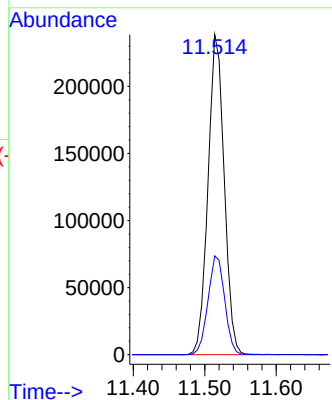
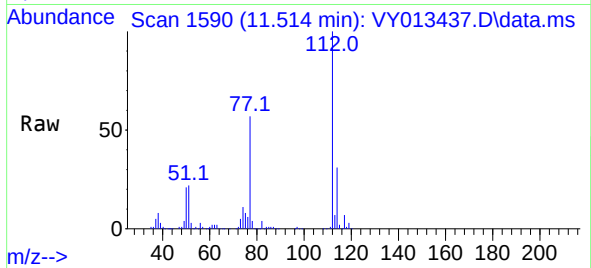




#65
Chlorobenzene
Concen: 52.465 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

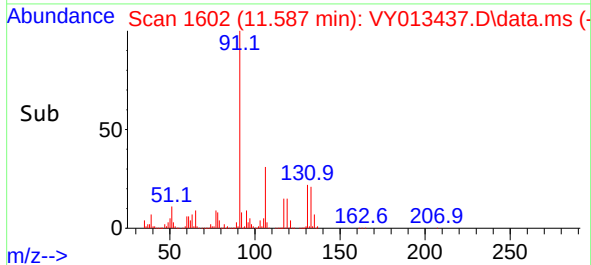
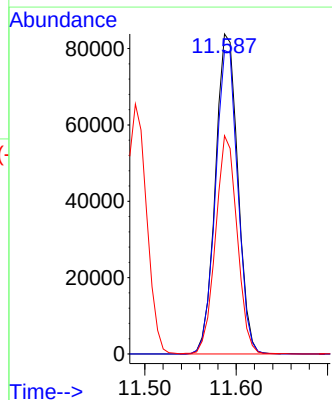
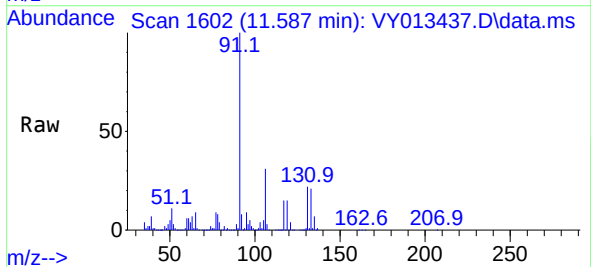
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

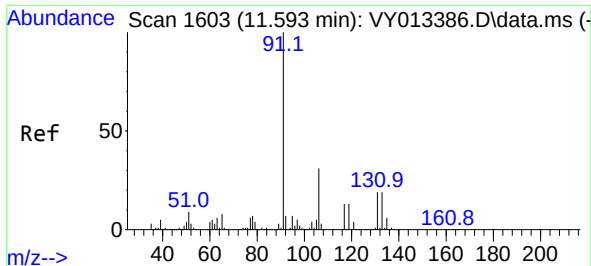
Tgt Ion:112 Resp: 374896
Ion Ratio Lower Upper
112 100
114 30.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.319 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:131 Resp: 142492
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 66.1 32.6 98.0





#67

Ethyl Benzene

Concen: 53.587 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

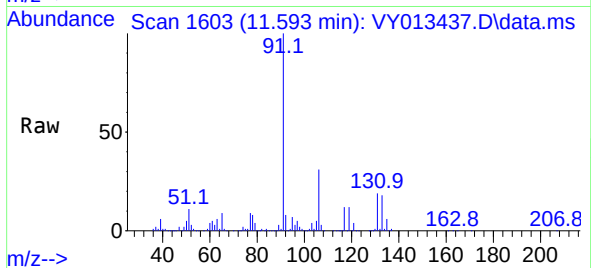
VSTDCCC050

Tgt Ion: 91 Resp: 672396

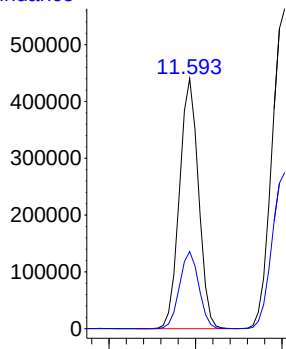
Ion Ratio Lower Upper

91 100

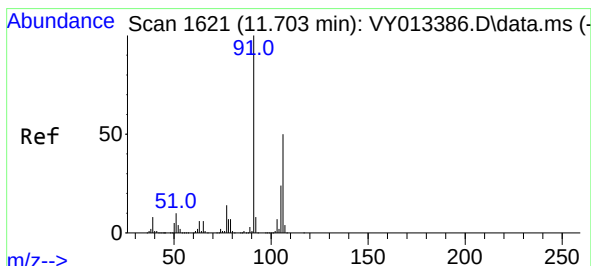
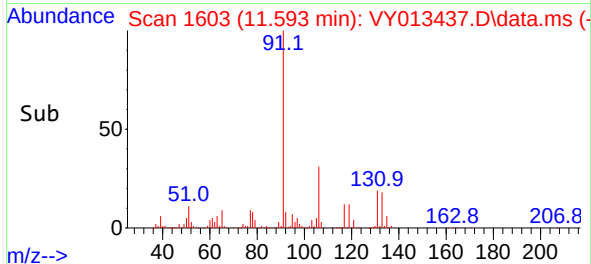
106 30.8 25.1 37.7



Abundance



Time-->



#68

m/p-Xylenes

Concen: 107.192 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013437.D

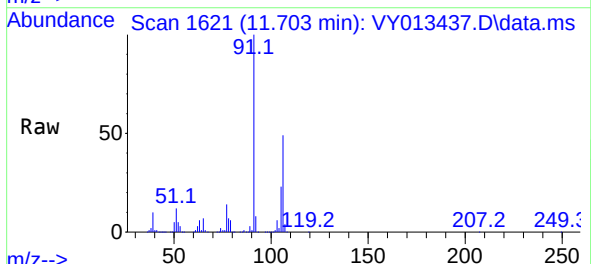
Acq: 25 Apr 2023 10:49

Tgt Ion:106 Resp: 511318

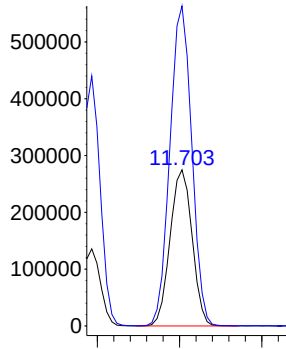
Ion Ratio Lower Upper

106 100

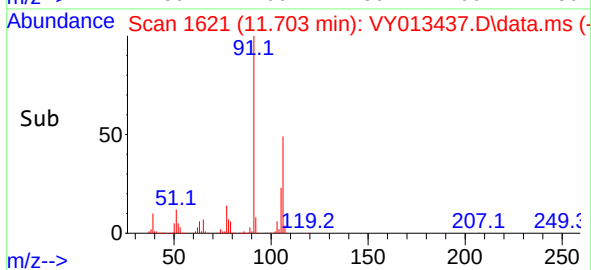
91 203.2 160.9 241.3

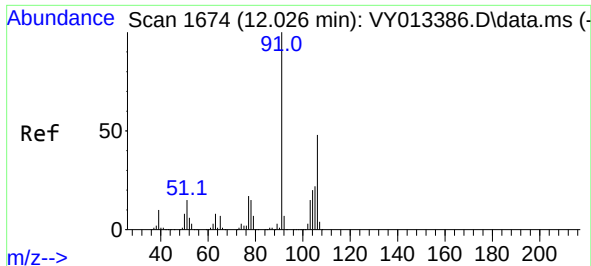


Abundance



Time-->

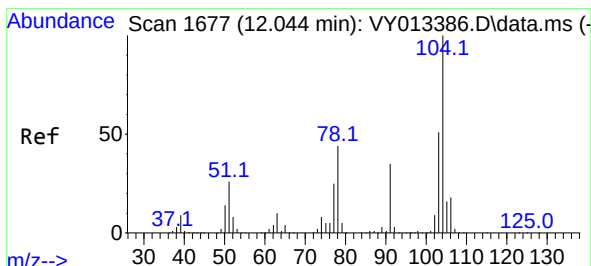
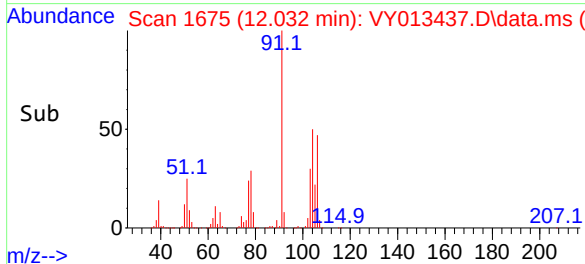
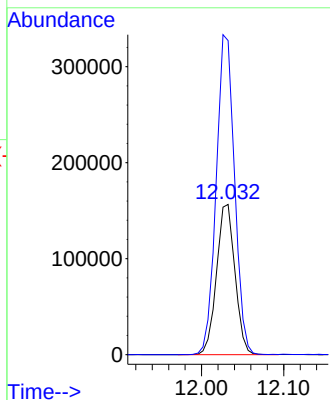
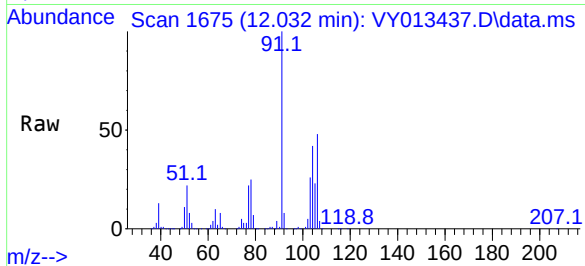




#69
o-Xylene
Concen: 54.035 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

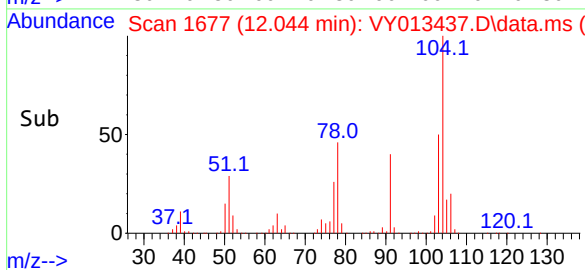
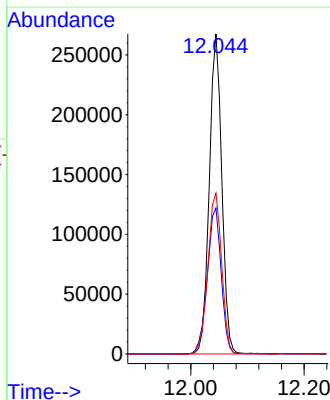
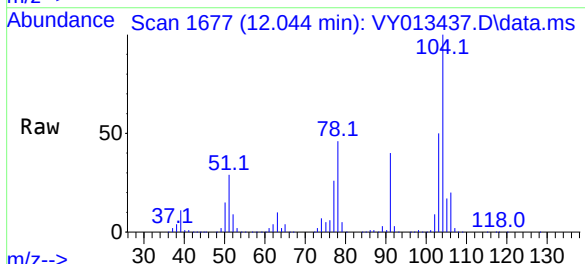
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

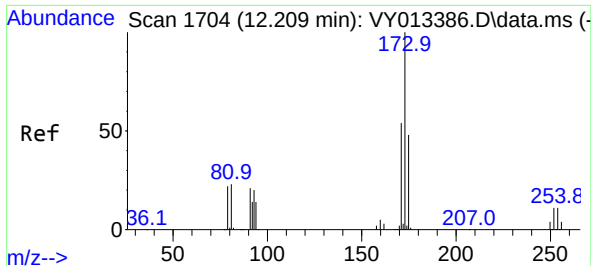
Tgt Ion:106 Resp: 243770
Ion Ratio Lower Upper
106 100
91 212.3 105.5 316.4



#70
Styrene
Concen: 54.455 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:104 Resp: 410756
Ion Ratio Lower Upper
104 100
78 50.8 40.3 60.5
103 55.8 45.0 67.4

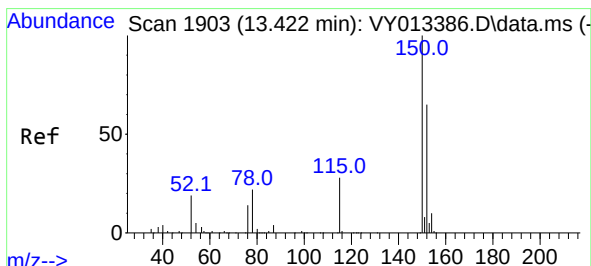
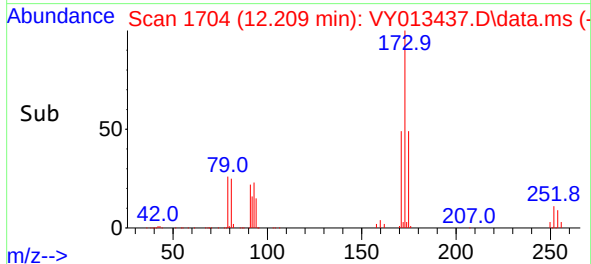
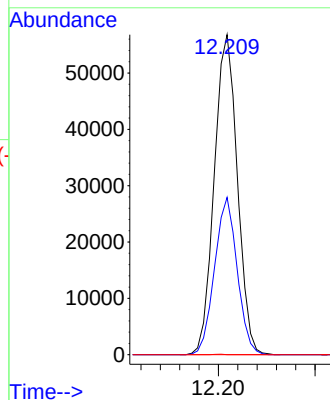
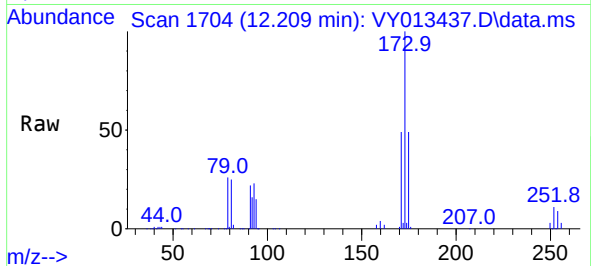




#71
Bromoform
Concen: 50.264 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

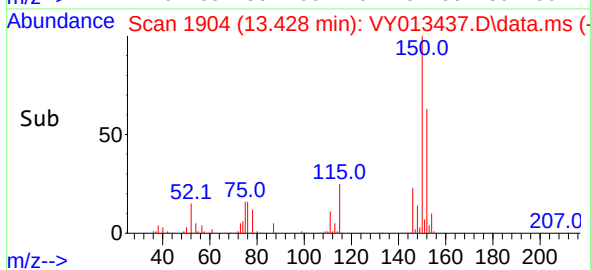
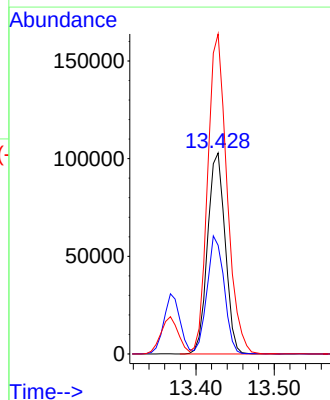
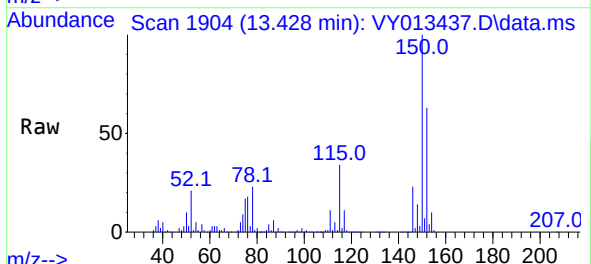
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

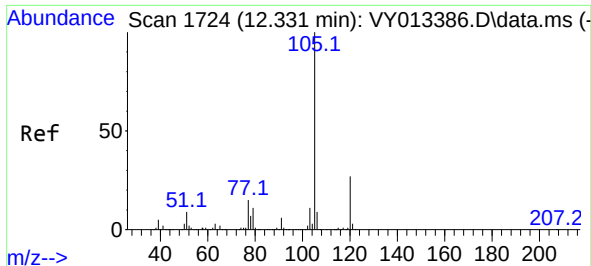
Tgt Ion:173 Resp: 94091
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:152 Resp: 159928
Ion Ratio Lower Upper
152 100
115 57.2 28.1 84.2
150 175.4 0.0 352.0

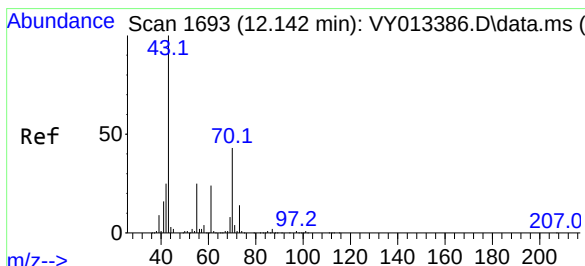
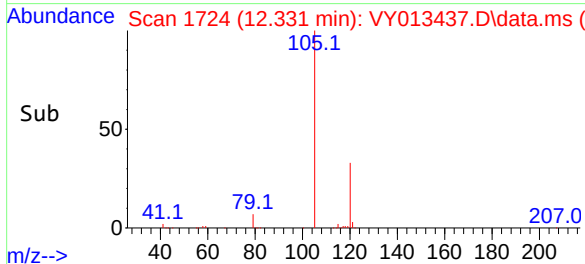
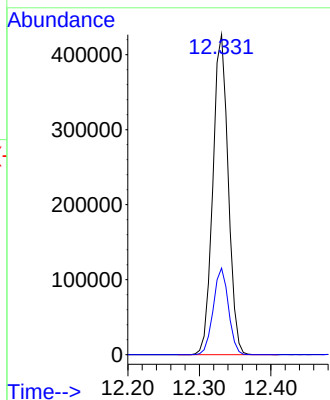
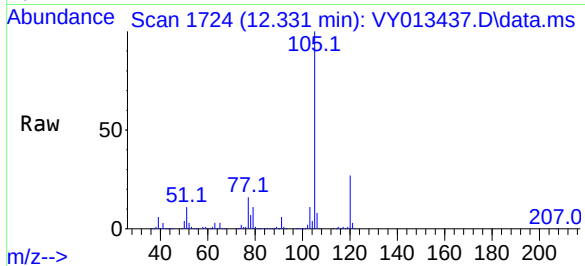




#73
Isopropylbenzene
Concen: 52.512 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

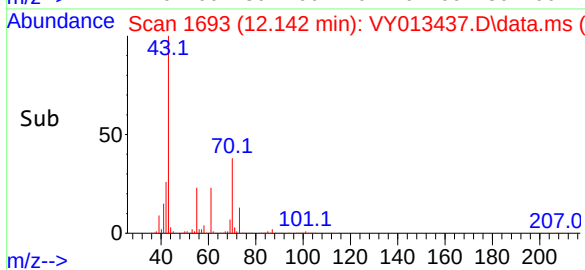
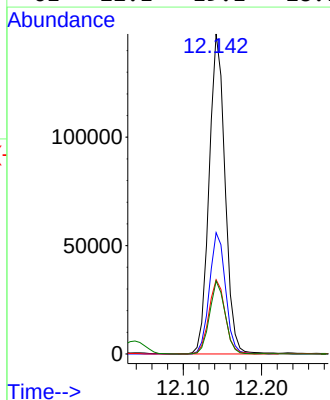
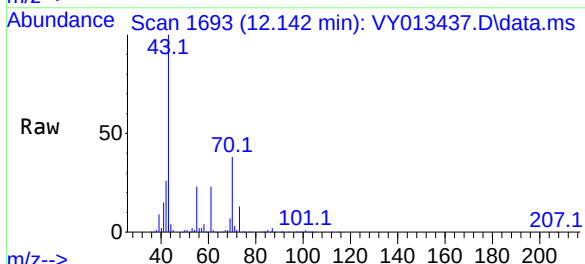
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

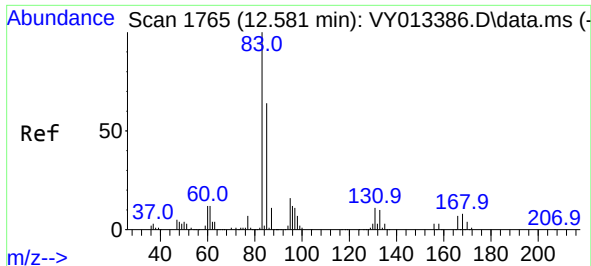
Tgt Ion:105 Resp: 635204
Ion Ratio Lower Upper
105 100
120 26.7 13.7 41.0



#74
N-ethyl acetate
Concen: 48.392 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 43 Resp: 208309
Ion Ratio Lower Upper
43 100
70 38.2 33.0 49.4
55 23.7 19.8 29.6
61 22.1 19.1 28.7

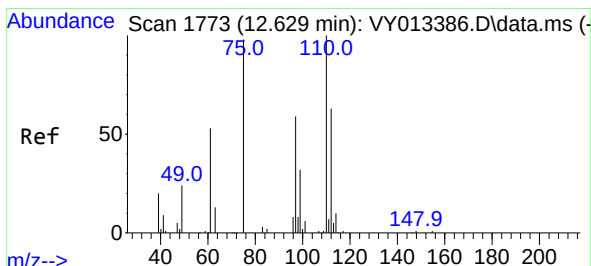
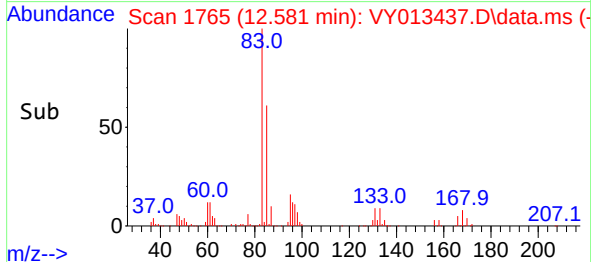
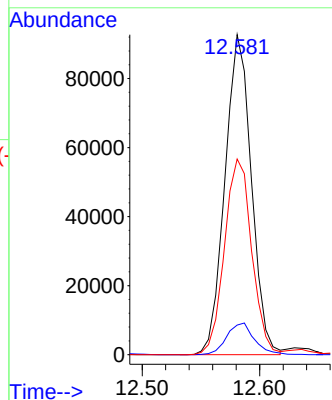
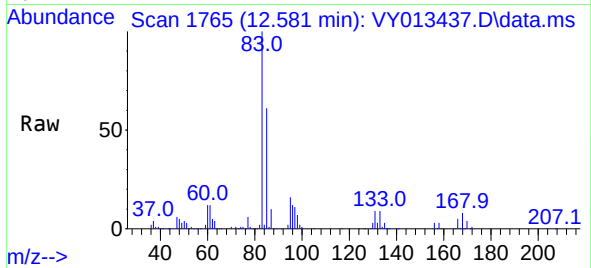




#75
1,1,2,2-Tetrachloroethane
Concen: 49.047 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

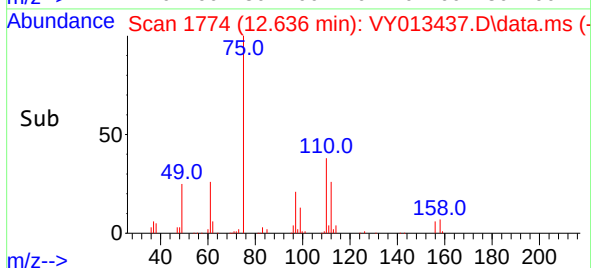
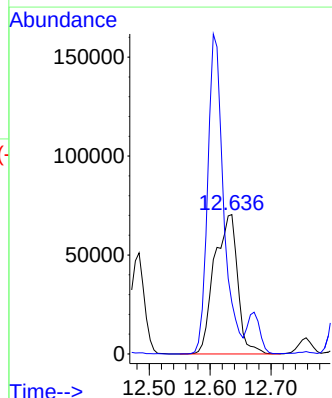
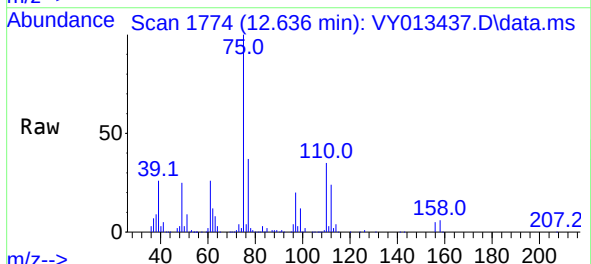
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

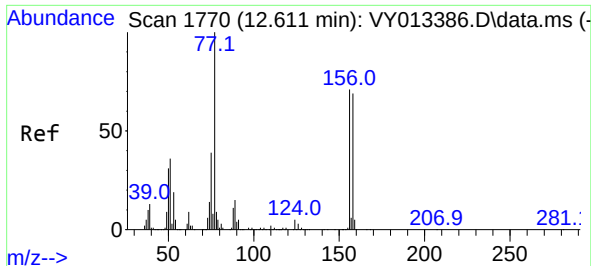
Tgt Ion: 83 Resp: 145016
Ion Ratio Lower Upper
83 100
131 10.4 5.7 17.0
85 63.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 86.907 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 75 Resp: 187442
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

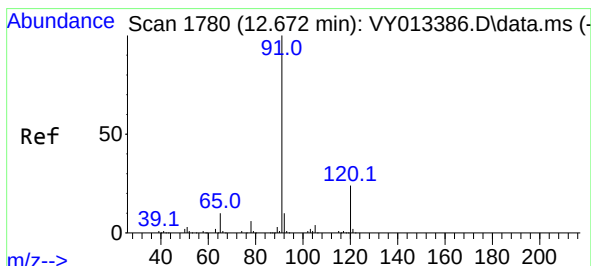
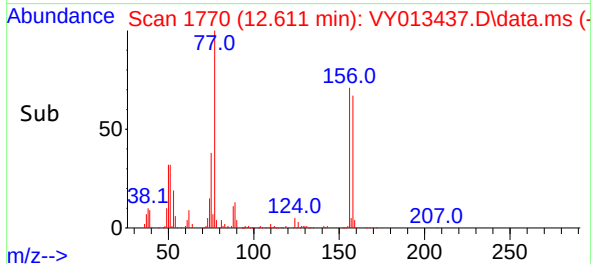
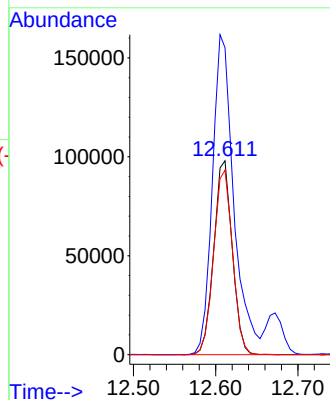
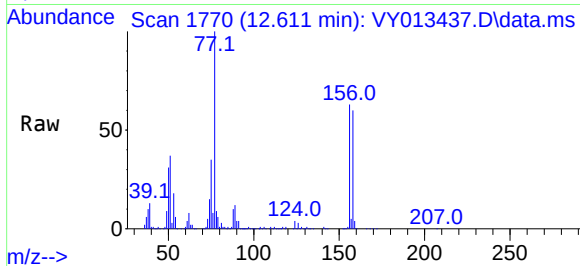




#77
Bromobenzene
Concen: 52.299 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

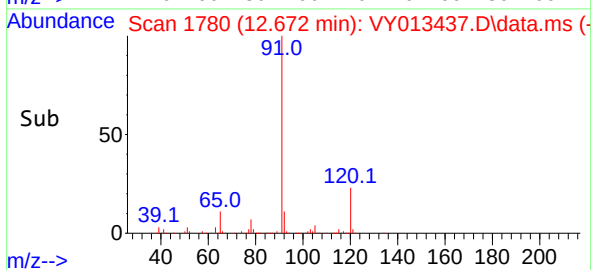
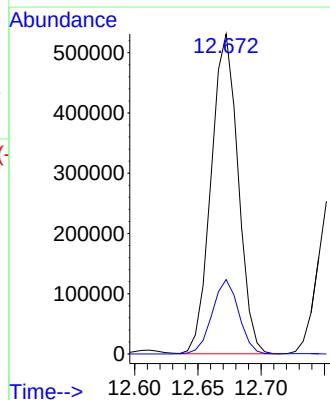
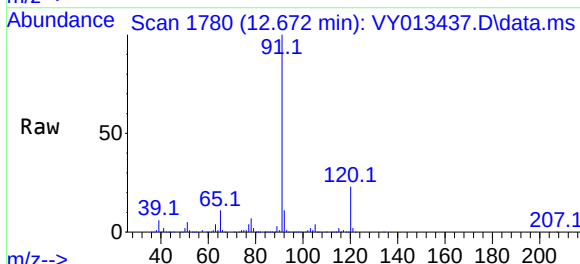
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

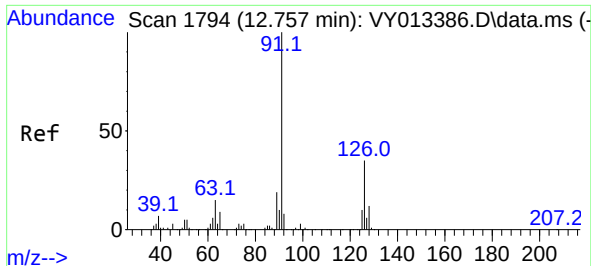
Tgt Ion:156 Resp: 153287
Ion Ratio Lower Upper
156 100
77 190.6 87.6 262.9
158 97.2 48.5 145.5



#78
n-propylbenzene
Concen: 52.796 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 91 Resp: 786631
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9

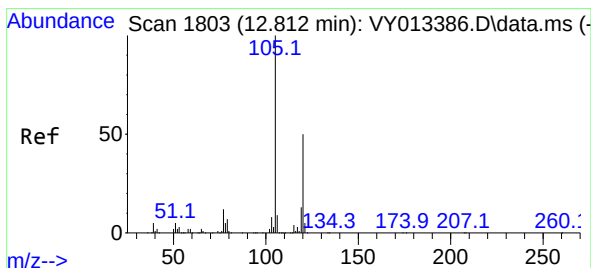
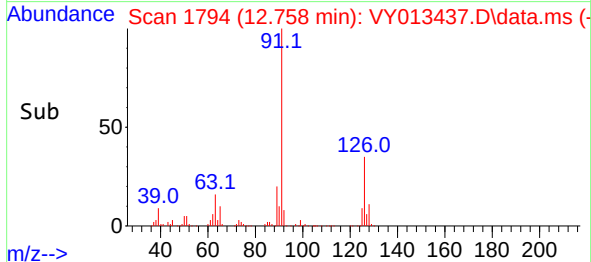
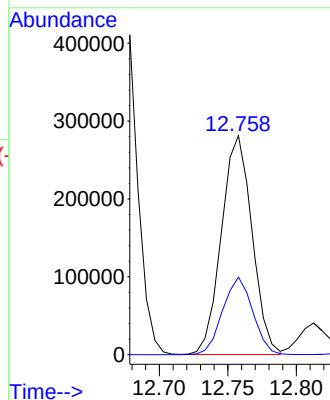
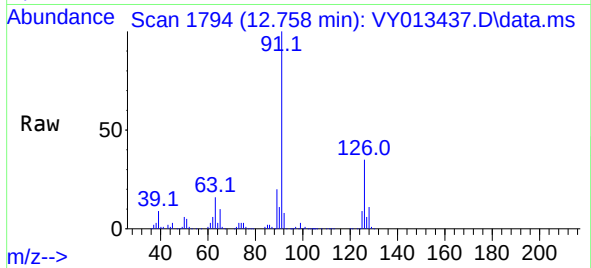




#79
2-Chlorotoluene
Concen: 52.573 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

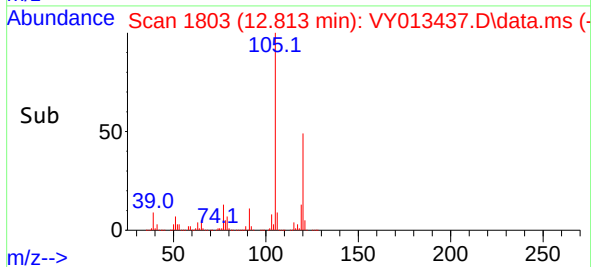
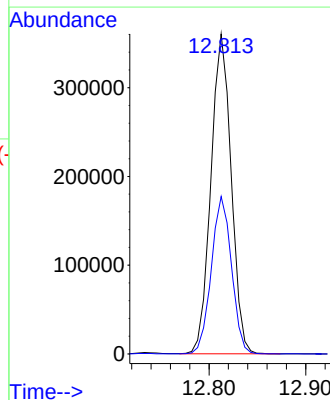
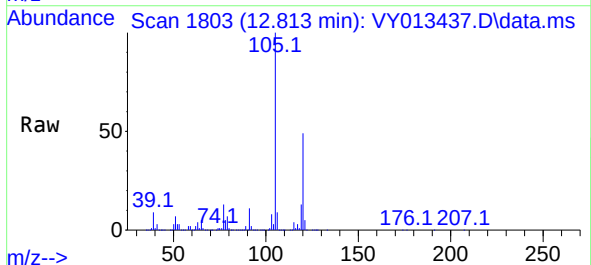
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

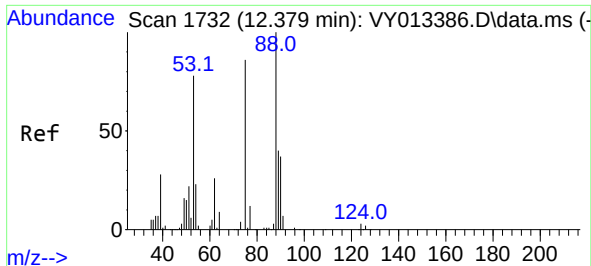
Tgt Ion: 91 Resp: 437423
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 53.161 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion: 105 Resp: 524862
Ion Ratio Lower Upper
105 100
120 49.0 24.7 74.1

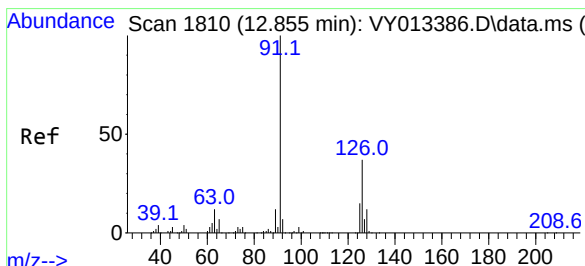
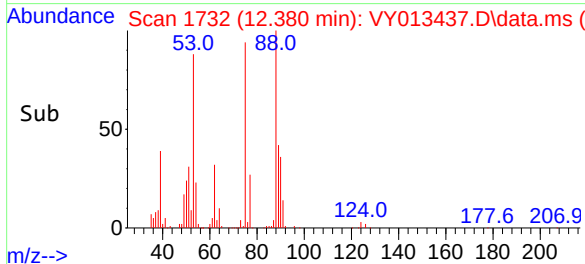
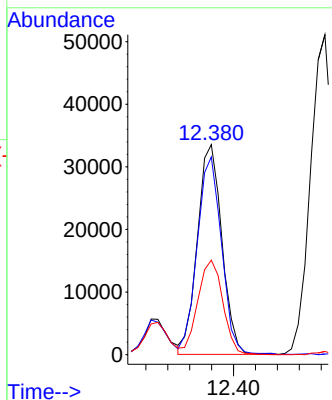
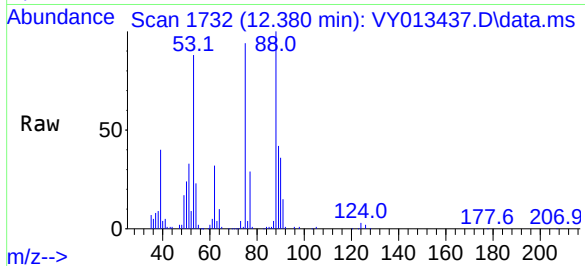




#81
trans-1,4-Dichloro-2-butene
Concen: 49.278 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

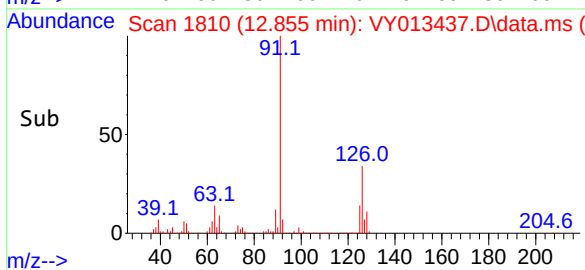
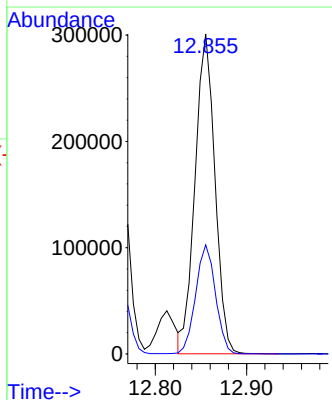
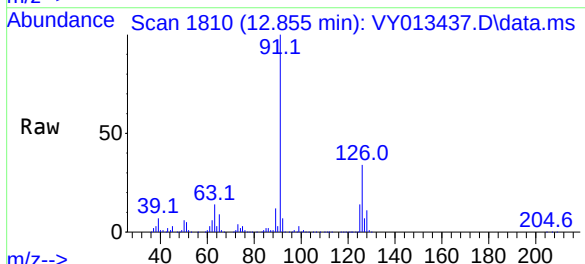
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

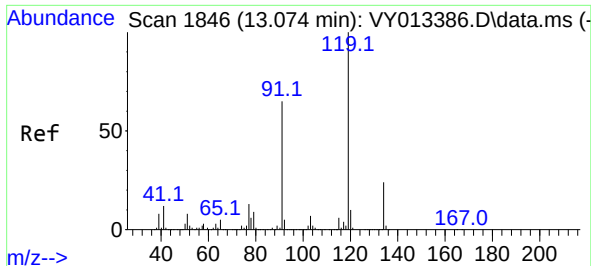
Tgt Ion:	75	Resp:	51958
Ion	Ratio	Lower	Upper
75	100		
53	93.8	73.2	109.8
89	46.4	38.0	57.0



#82
4-Chlorotoluene
Concen: 52.385 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:	91	Resp:	454286
Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.9	53.8

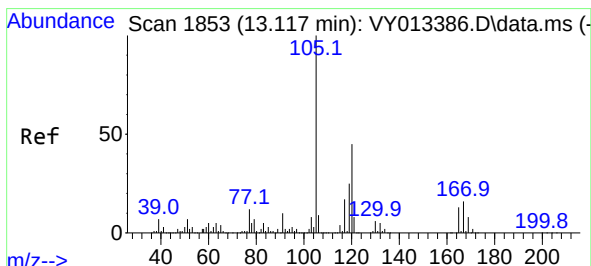
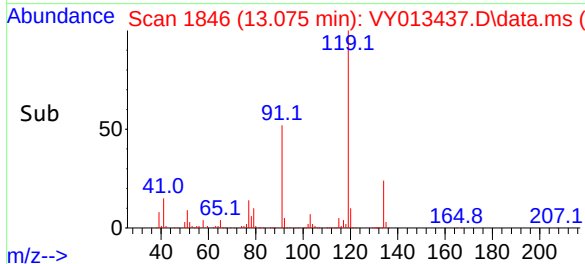
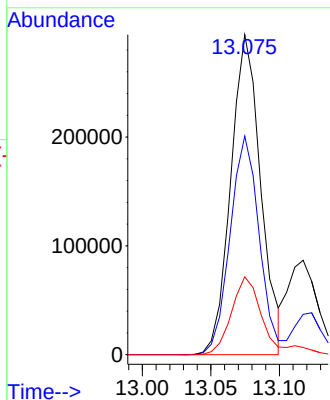
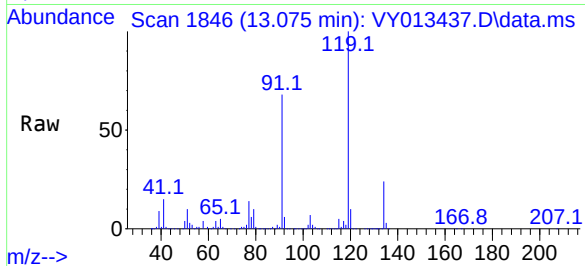




#83
tert-Butylbenzene
Concen: 52.346 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

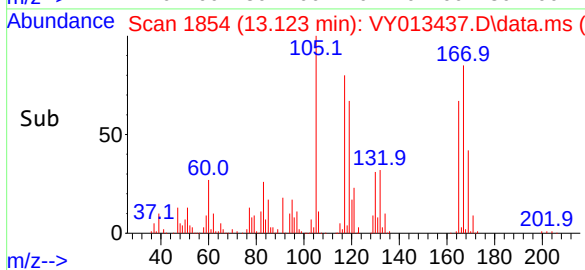
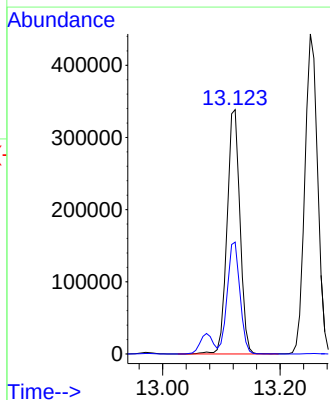
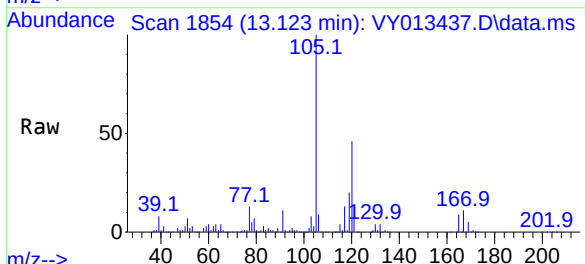
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

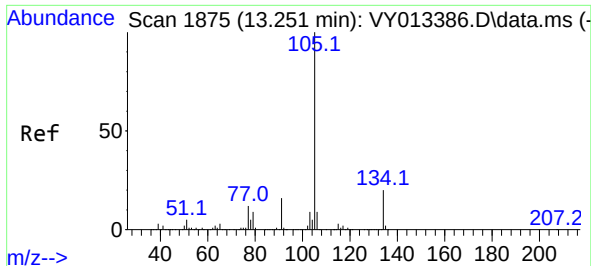
Tgt Ion:119 Resp: 447753
Ion Ratio Lower Upper
119 100
91 67.0 32.2 96.6
134 25.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 53.780 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:105 Resp: 516233
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9

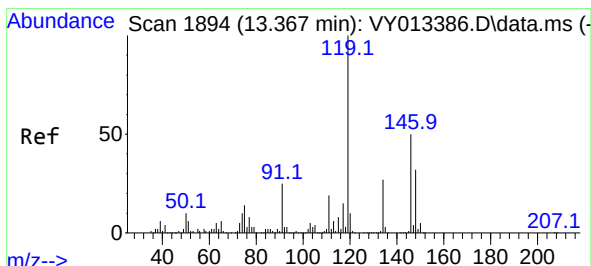
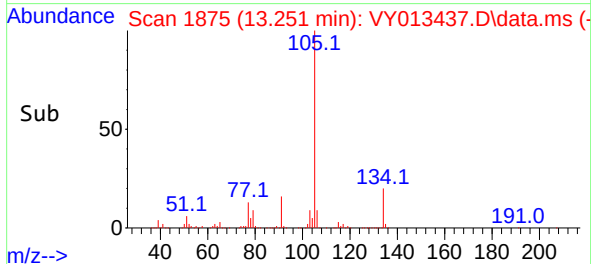
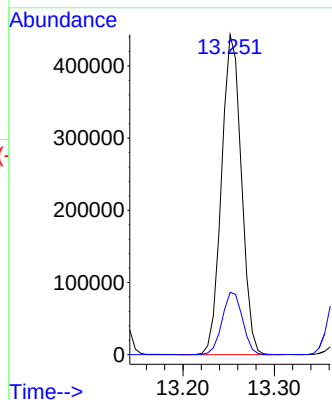
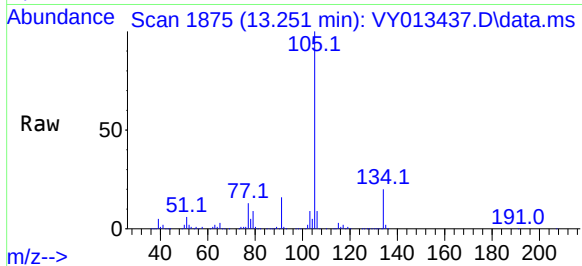




#85
 sec-Butylbenzene
 Concen: 52.180 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013437.D
 Acq: 25 Apr 2023 10:49

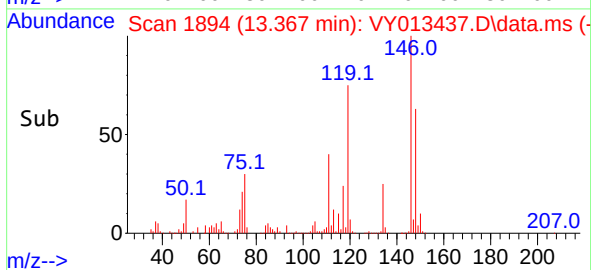
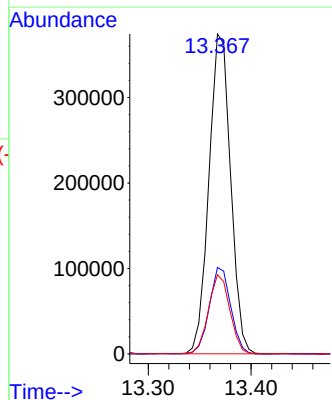
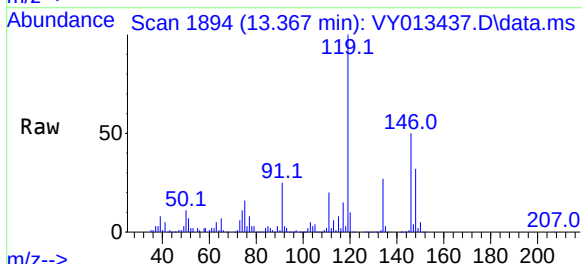
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

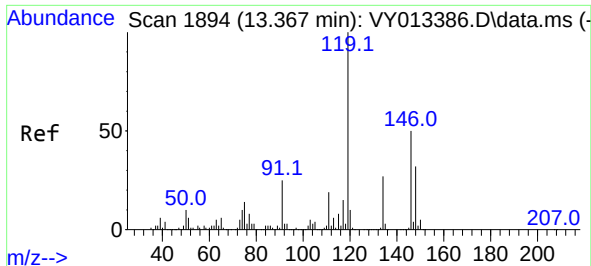
Tgt Ion:105 Resp: 669855
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 53.153 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013437.D
 Acq: 25 Apr 2023 10:49

Tgt Ion:119 Resp: 548725
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 24.3 12.1 36.3

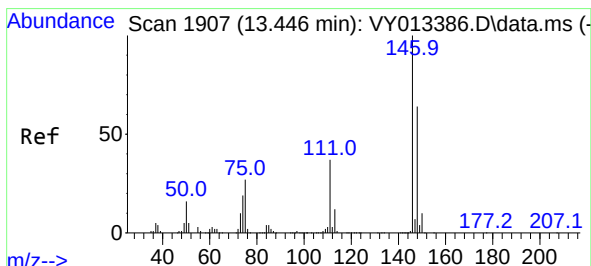
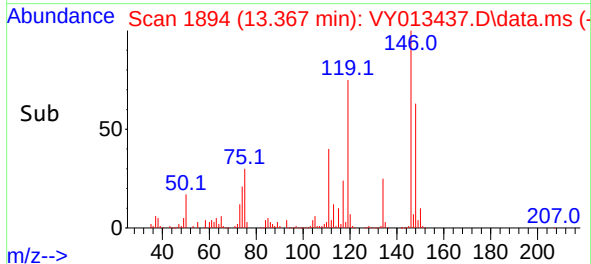
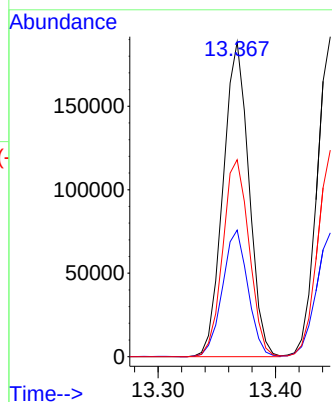
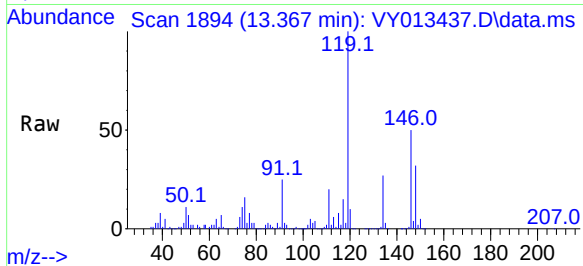




#87
1,3-Dichlorobenzene
Concen: 51.473 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

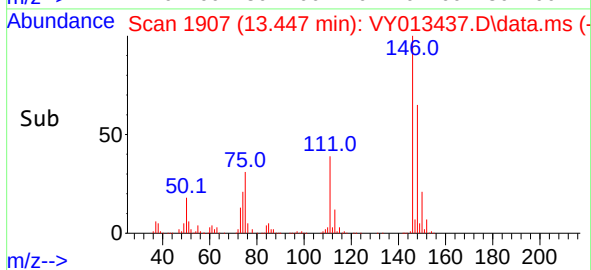
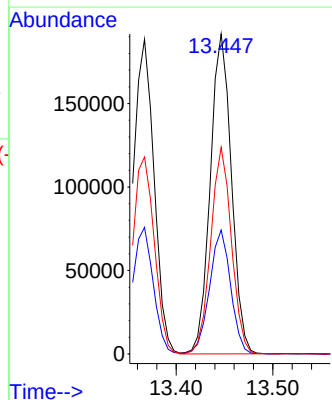
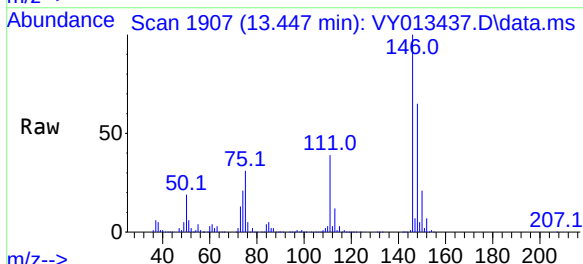
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

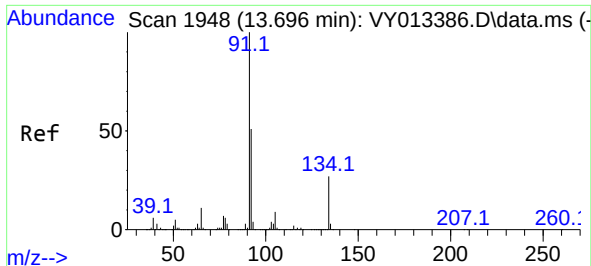
Tgt Ion:146 Resp: 287426
Ion Ratio Lower Upper
146 100
111 39.8 19.3 57.9
148 64.1 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.640 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:146 Resp: 291289
Ion Ratio Lower Upper
146 100
111 38.7 18.9 56.5
148 63.3 31.9 95.5





#89

n-Butylbenzene

Concen: 52.958 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

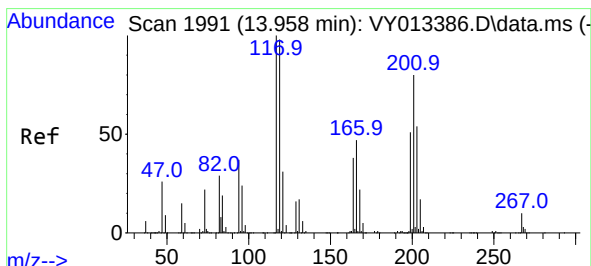
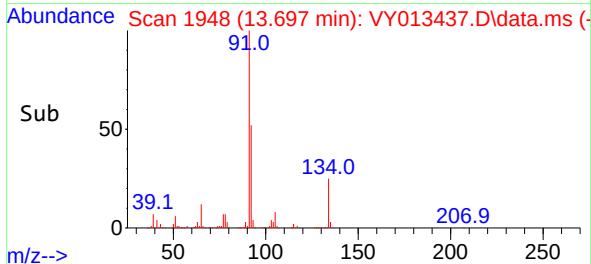
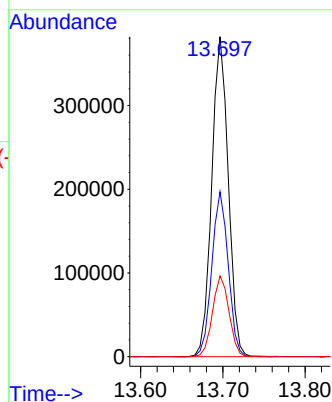
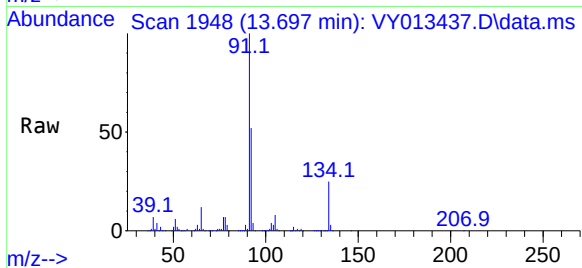
Tgt Ion: 91 Resp: 533603

Ion Ratio Lower Upper

91 100

92 51.2 25.8 77.3

134 25.2 13.5 40.4



#90

Hexachloroethane

Concen: 51.763 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.007 min

Lab File: VY013437.D

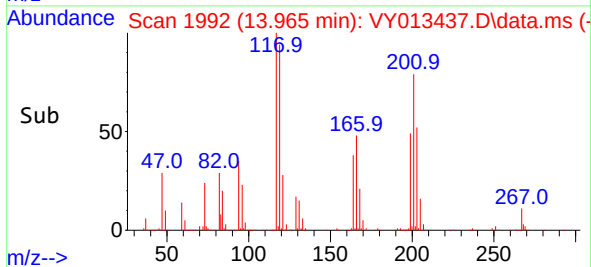
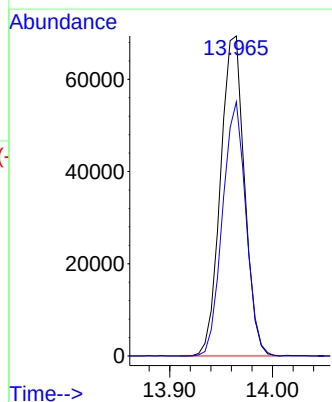
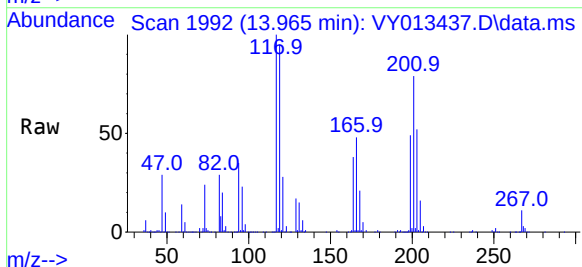
Acq: 25 Apr 2023 10:49

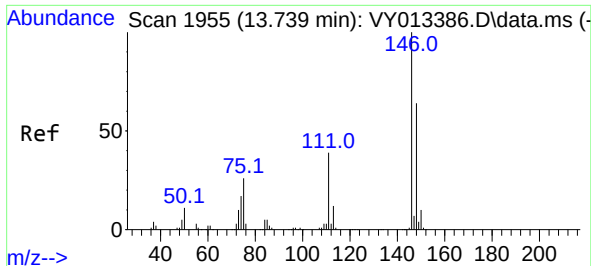
Tgt Ion: 117 Resp: 112467

Ion Ratio Lower Upper

117 100

201 77.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.171 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

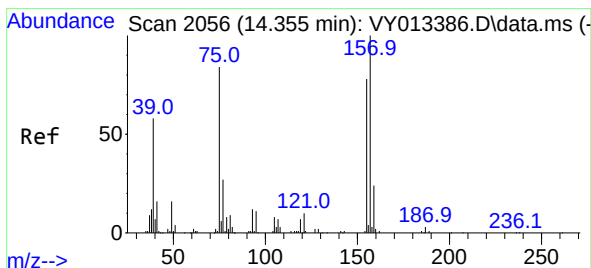
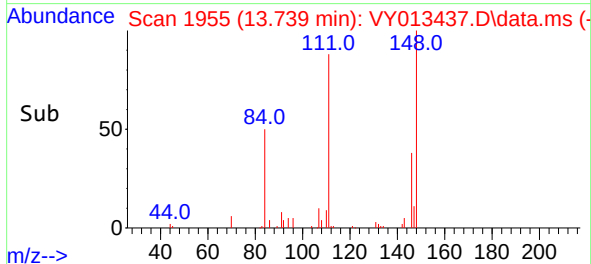
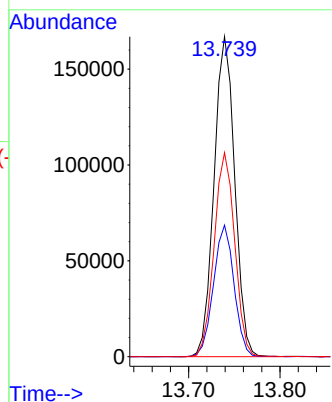
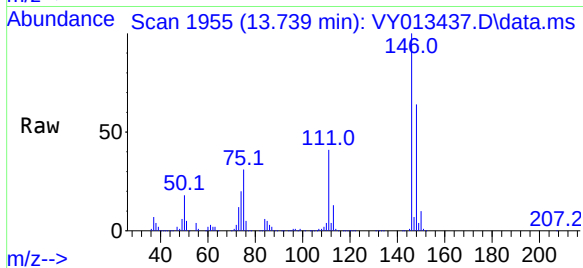
Tgt Ion:146 Resp: 263074

Ion Ratio Lower Upper

146 100

111 40.9 19.8 59.4

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.911 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013437.D

Acq: 25 Apr 2023 10:49

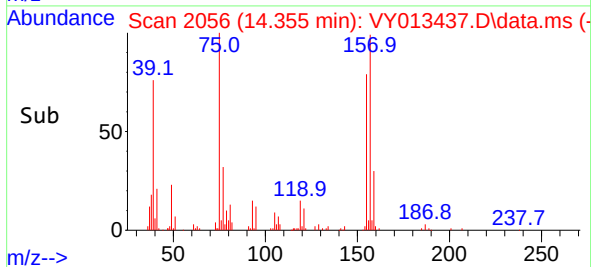
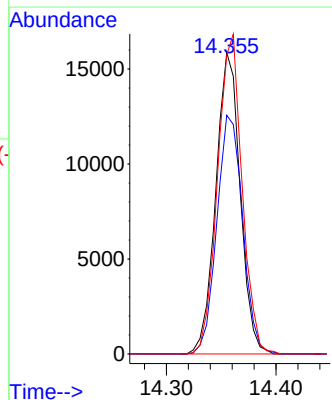
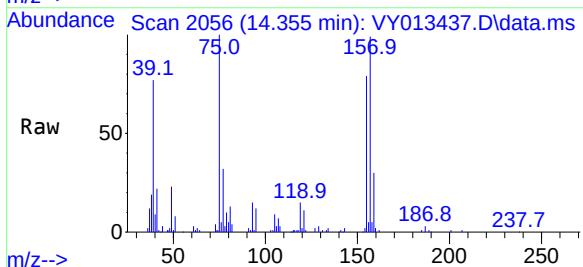
Tgt Ion: 75 Resp: 24496

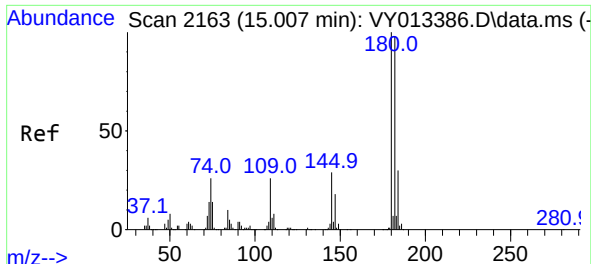
Ion Ratio Lower Upper

75 100

155 83.9 44.6 134.0

157 106.6 57.6 172.7

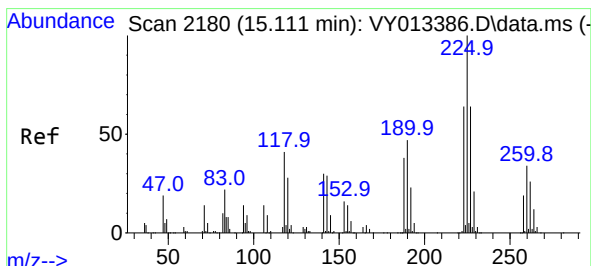
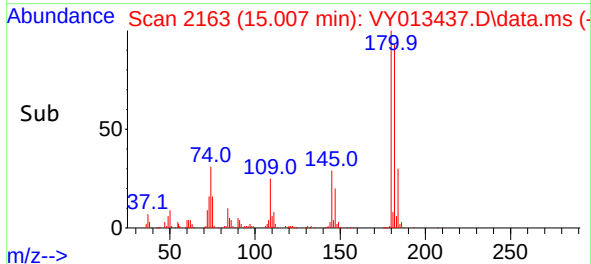
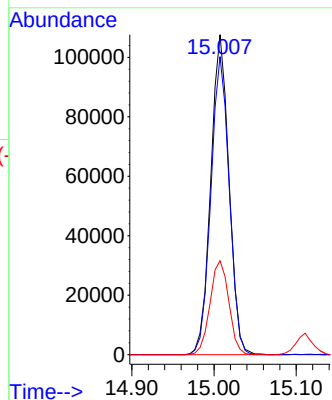
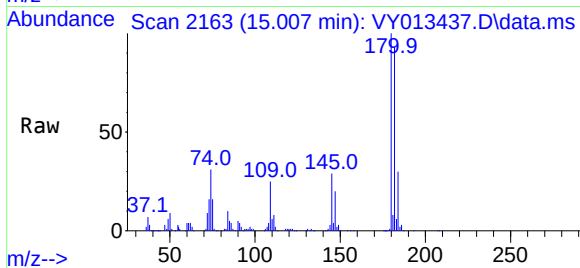




#93
1,2,4-Trichlorobenzene
Concen: 54.994 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

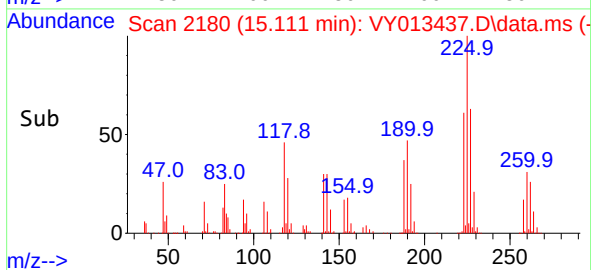
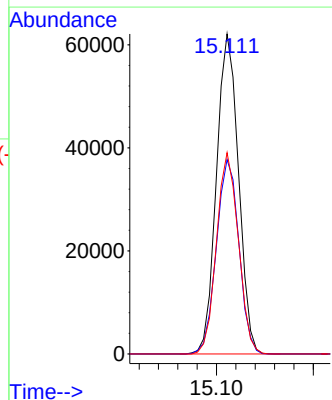
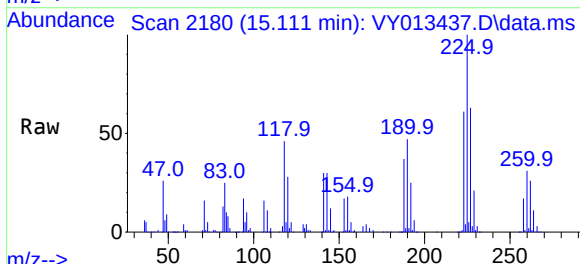
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

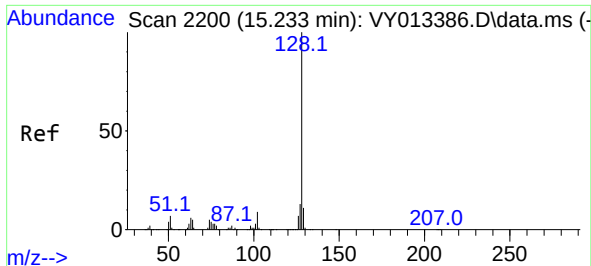
Tgt Ion:180 Resp: 165335
Ion Ratio Lower Upper
180 100
182 94.0 48.5 145.5
145 30.3 15.0 45.0



#94
Hexachlorobutadiene
Concen: 56.002 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:225 Resp: 97985
Ion Ratio Lower Upper
225 100
223 62.0 31.4 94.2
227 62.4 32.0 96.0

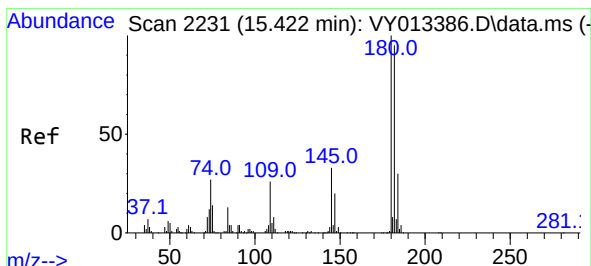
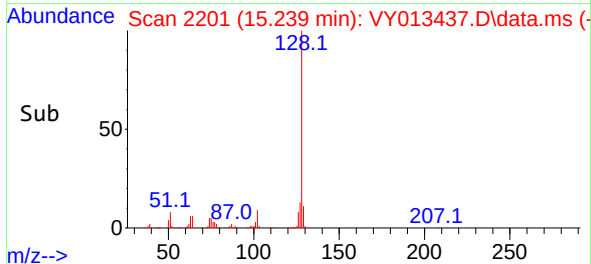
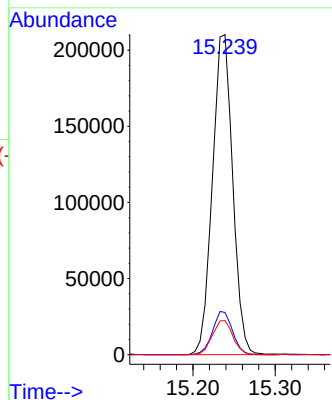
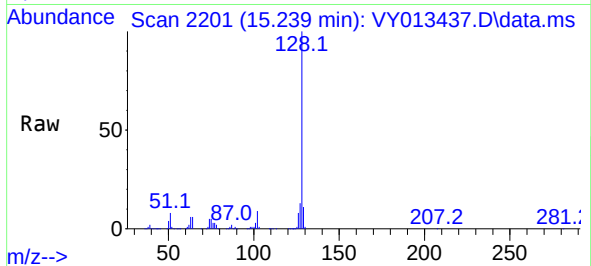




#95
Naphthalene
Concen: 55.259 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 360459
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 55.602 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013437.D
Acq: 25 Apr 2023 10:49

Tgt Ion:180 Resp: 148991
Ion Ratio Lower Upper
180 100
182 94.8 47.1 141.3
145 32.0 15.9 47.7

