

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013591.D
 Acq On : 03 May 2023 18:54
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 04 01:22:14 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	7.783	168	269275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	368284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	184795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159334	53.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.960%	
35) Dibromofluoromethane	7.716	113	135198	52.723	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.440%	
50) Toluene-d8	10.179	98	465653	51.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.100%	
62) 4-Bromofluorobenzene	12.477	95	170457	55.427	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	144426	56.417	ug/l	98
3) Chloromethane	2.107	50	166746	48.594	ug/l	98
4) Vinyl Chloride	2.247	62	166523	48.739	ug/l	100
5) Bromomethane	2.650	94	124968	45.899	ug/l	100
6) Chloroethane	2.790	64	111953	47.431	ug/l	94
7) Trichlorofluoromethane	3.119	101	273702	52.880	ug/l	98
8) Diethyl Ether	3.528	74	94636	53.692	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.893	101	156014	53.738	ug/l	97
10) Methyl Iodide	4.082	142	165344	45.344	ug/l	98
11) Tert butyl alcohol	4.966	59	33586	101.405	ug/l #	57
12) 1,1-Dichloroethene	3.869	96	144327	51.572	ug/l	93
13) Acrolein	3.729	56	47950	183.560	ug/l	97
14) Allyl chloride	4.472	41	271236	52.234	ug/l	97
15) Acrylonitrile	5.161	53	312606	316.691	ug/l	99
16) Acetone	3.948	43	342893	294.970	ug/l	97
17) Carbon Disulfide	4.192	76	440593	48.467	ug/l	100
18) Methyl Acetate	4.472	43	235355	61.300	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	468738	58.017	ug/l	98
20) Methylene Chloride	4.710	84	190768	52.844	ug/l #	84
21) trans-1,2-Dichloroethene	5.216	96	164074	53.622	ug/l	94
22) Diisopropyl ether	6.112	45	566674	55.833	ug/l	94
23) Vinyl Acetate	6.058	43	1877218	326.666	ug/l	96
24) 1,1-Dichloroethane	6.009	63	305865	54.072	ug/l	98
25) 2-Butanone	6.990	43	465081	315.467	ug/l	92
26) 2,2-Dichloropropane	6.978	77	261898	53.730	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	186412	55.139	ug/l	95
28) Bromochloromethane	7.326	49	106124	52.868	ug/l	84
29) Tetrahydrofuran	7.344	42	292697	318.947	ug/l	93
30) Chloroform	7.502	83	319460	56.802	ug/l	98
31) Cyclohexane	7.783	56	263799	49.914	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	283158	56.421	ug/l	98
36) 1,1-Dichloropropene	7.911	75	238461	56.031	ug/l	98
37) Ethyl Acetate	7.070	43	202135	63.115	ug/l	97
38) Carbon Tetrachloride	7.899	117	260279	58.350	ug/l	99
39) Methylcyclohexane	9.179	83	278659	55.541	ug/l	94
40) Benzene	8.155	78	675902	56.381	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	272766	182.767	ug/l #	21
42) 1,2-Dichloroethane	8.234	62	237616	60.627	ug/l	98
43) Isopropyl Acetate	8.271	43	336390	62.228	ug/l	96
44) Trichloroethene	8.935	130	180047	56.461	ug/l	95
45) 1,2-Dichloropropane	9.209	63	179014	57.111	ug/l	98
46) Dibromomethane	9.301	93	110262	58.791	ug/l	98
47) Bromodichloromethane	9.490	83	251186	59.854	ug/l	99
48) Methyl methacrylate	9.289	41	161077	64.880	ug/l	92
49) 1,4-Dioxane	9.313	88	36942	1379.159	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	1003620	333.169	ug/l	96
52) Toluene	10.240	92	419933	58.210	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	266125	59.918	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	288560	57.739	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	152771	61.510	ug/l	98
56) Ethyl methacrylate	10.508	69	221205	64.197	ug/l	90
57) 1,3-Dichloropropane	10.788	76	253284	60.214	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	381525	295.275	ug/l	94
59) 2-Hexanone	10.831	43	751079	343.001	ug/l	96
60) Dibromochloromethane	10.983	129	183579	60.873	ug/l	100
61) 1,2-Dibromoethane	11.087	107	148513	60.819	ug/l	100
64) Tetrachloroethene	10.715	164	160811	57.423	ug/l	99
65) Chlorobenzene	11.514	112	448720	55.932	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	175391	58.455	ug/l	99
67) Ethyl Benzene	11.587	91	811206	57.582	ug/l	98
68) m/p-Xylenes	11.697	106	613261	114.510	ug/l	97
69) o-Xylene	12.026	106	288443	56.949	ug/l	95
70) Styrene	12.038	104	497494	58.745	ug/l	99
71) Bromoform	12.203	173	131615	62.625	ug/l #	100
73) Isopropylbenzene	12.325	105	769651	55.065	ug/l	98
74) N-amyl acetate	12.142	43	302219	60.761	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	199877	58.505	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	264257	106.034	ug/l #	100
77) Bromobenzene	12.605	156	194589	57.456	ug/l	94
78) n-propylbenzene	12.666	91	952296	55.314	ug/l	98
79) 2-Chlorotoluene	12.751	91	533696	55.512	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	644700	56.512	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	70629	57.971	ug/l	95
82) 4-Chlorotoluene	12.849	91	553718	55.258	ug/l	98
83) tert-Butylbenzene	13.075	119	564145	57.079	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	642231	57.903	ug/l	99
85) sec-Butylbenzene	13.251	105	825433	55.646	ug/l	100
86) p-Isopropyltoluene	13.367	119	682799	57.240	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	363102	56.275	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	364712	55.956	ug/l	100
89) n-Butylbenzene	13.696	91	658353	56.547	ug/l	98
90) Hexachloroethane	13.959	117	137089	54.604	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	338768	58.141	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	38646	64.049	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	218915	63.018	ug/l	97
94) Hexachlorobutadiene	15.111	225	125690	62.169	ug/l	99
95) Naphthalene	15.233	128	517204	68.619	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	198977	64.264	ug/l	98

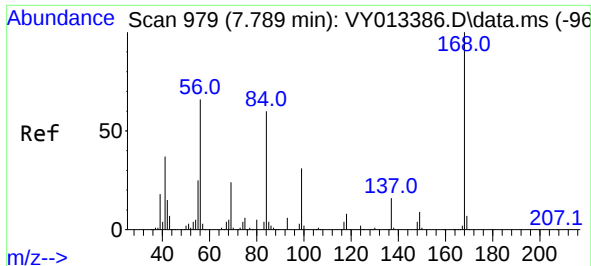
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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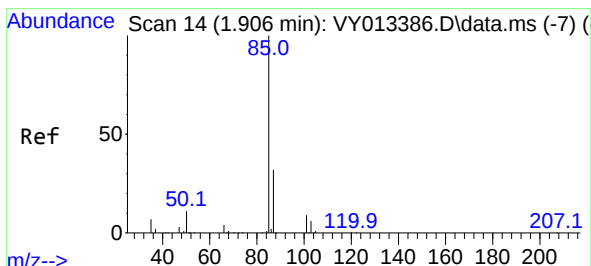
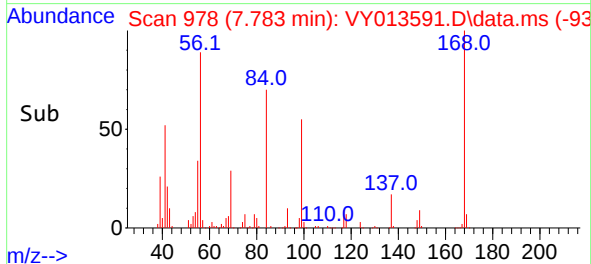
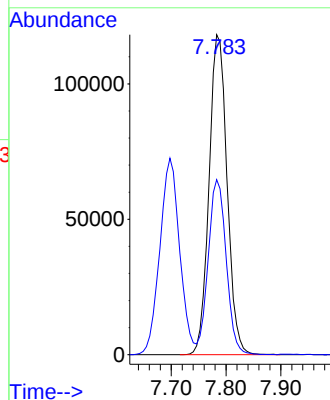
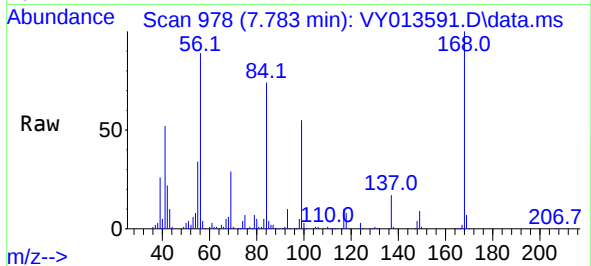
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

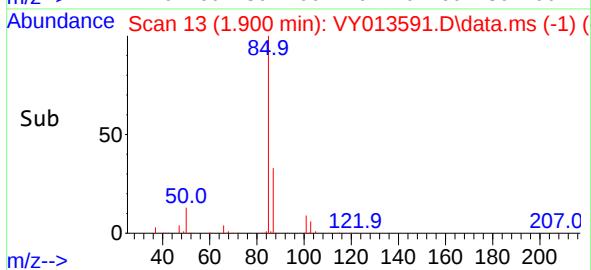
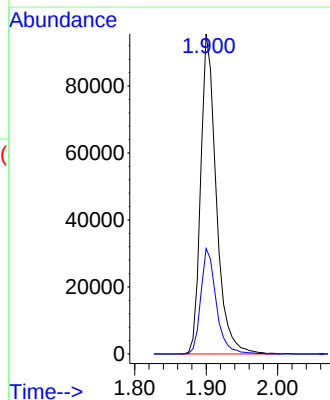
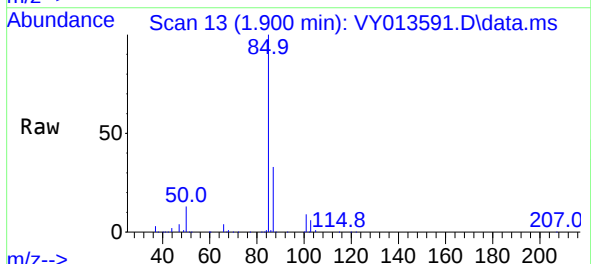
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 269275
Ion Ratio Lower Upper
168 100
99 54.6 41.8 62.6

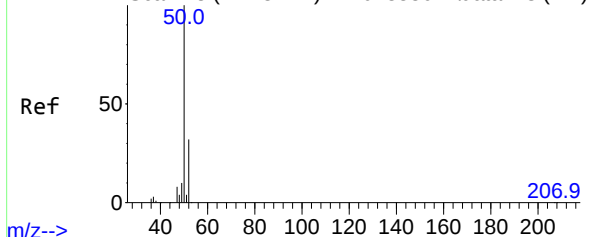


#2
Dichlorodifluoromethane
Concen: 56.417 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 85 Resp: 144426
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2



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



#3

Chloromethane

Concen: 48.594 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

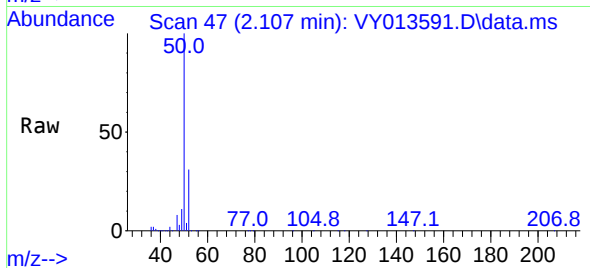
VSTDCCC050EC

Tgt Ion: 50 Resp: 166746

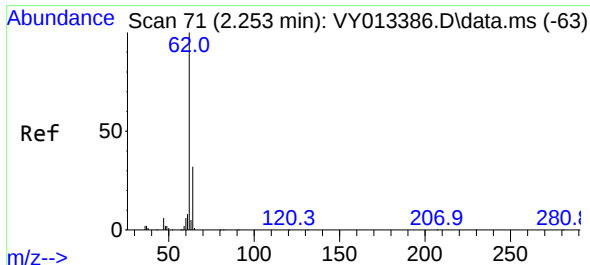
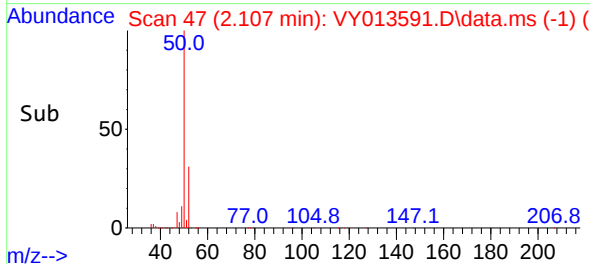
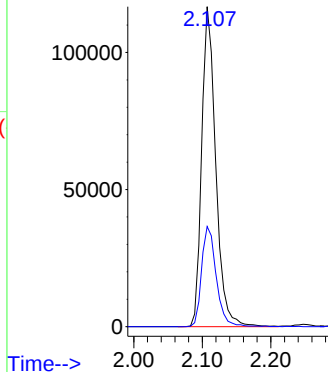
Ion Ratio Lower Upper

50 100

52 31.3 25.9 38.9



Abundance



#4

Vinyl Chloride

Concen: 48.739 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY013591.D

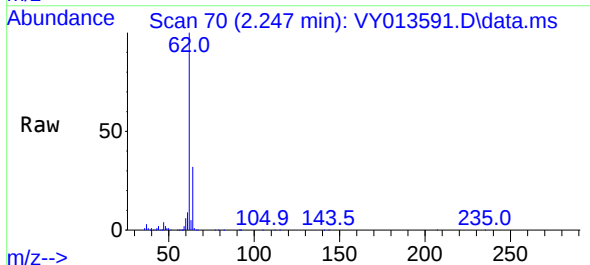
Acq: 03 May 2023 18:54

Tgt Ion: 62 Resp: 166523

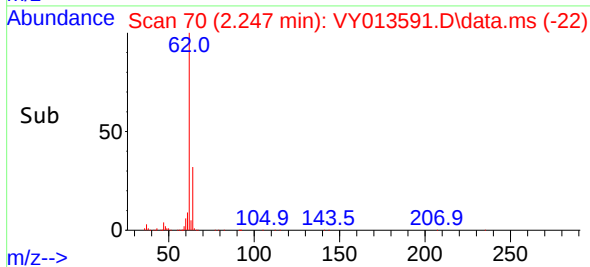
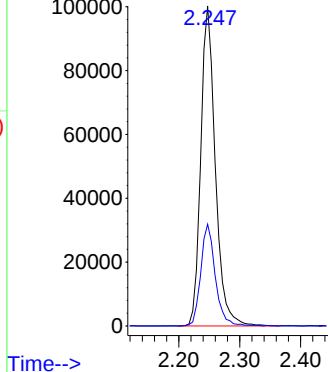
Ion Ratio Lower Upper

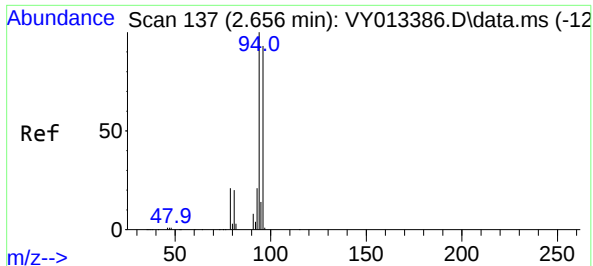
62 100

64 31.8 25.4 38.0



Abundance

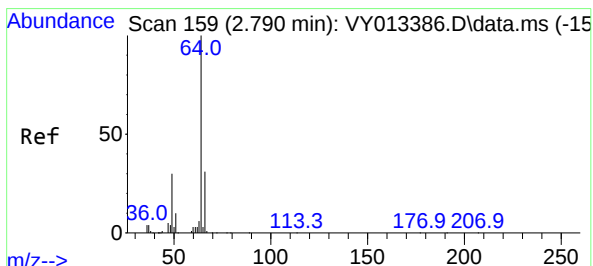
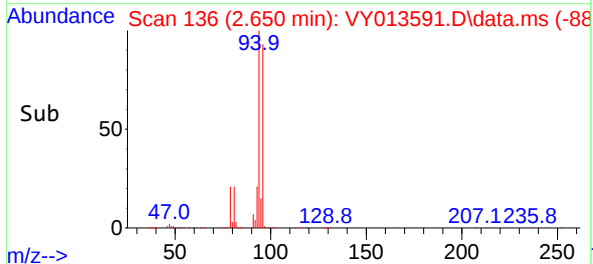
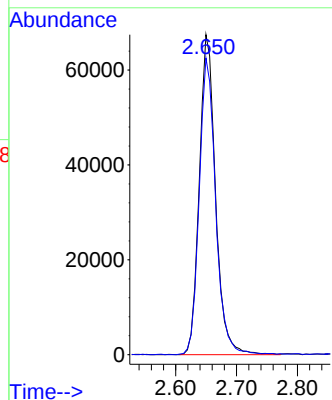
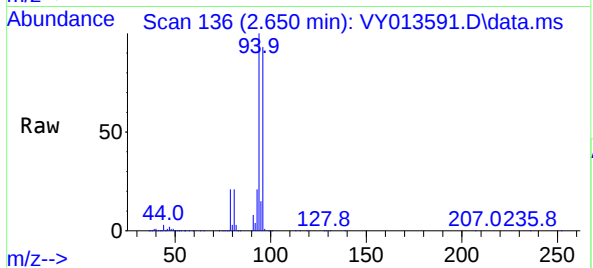




#5
Bromomethane
Concen: 45.899 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

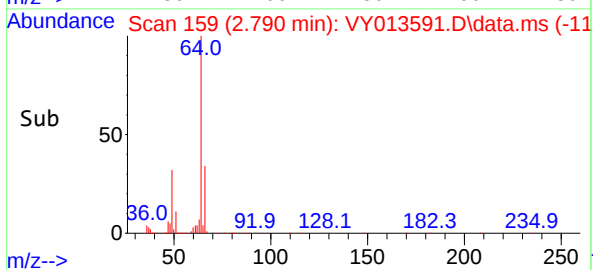
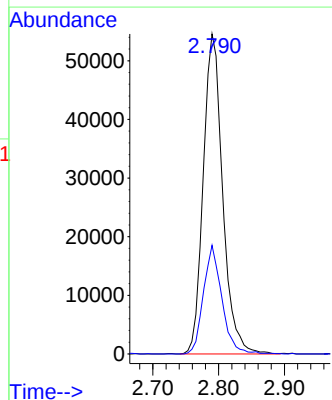
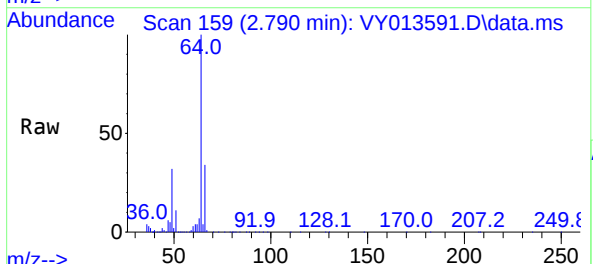
Instrument :
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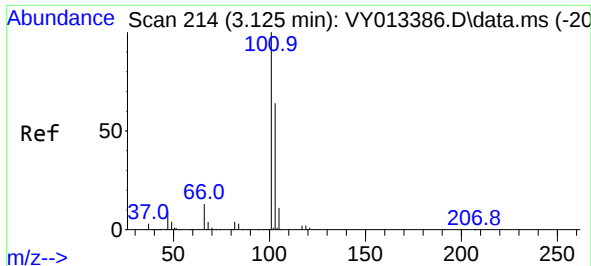
Tgt Ion: 94 Resp: 124968
Ion Ratio Lower Upper
94 100
96 92.5 74.2 111.2



#6
Chloroethane
Concen: 47.431 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 64 Resp: 111953
Ion Ratio Lower Upper
64 100
66 33.9 24.6 37.0

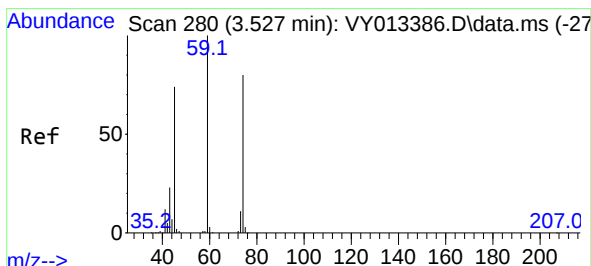
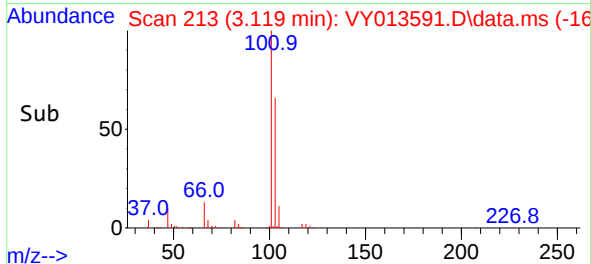
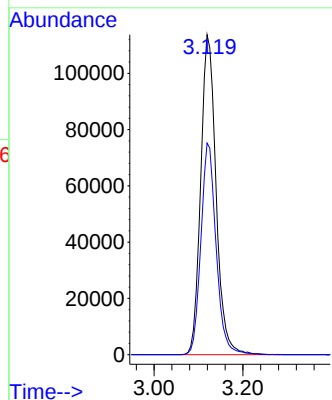
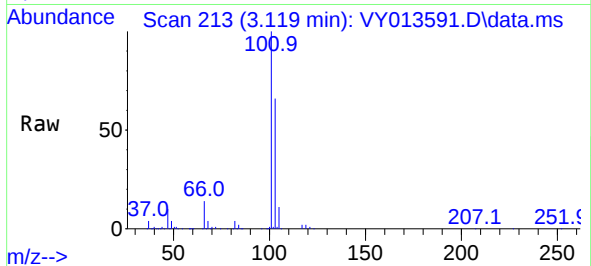




#7
Trichlorofluoromethane
Concen: 52.880 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

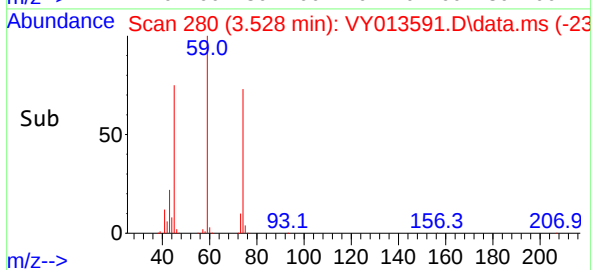
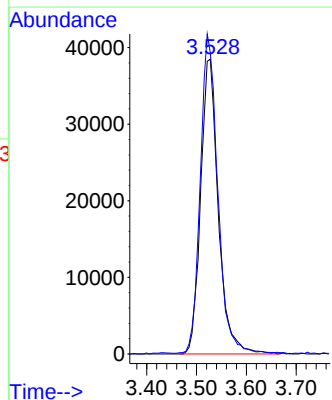
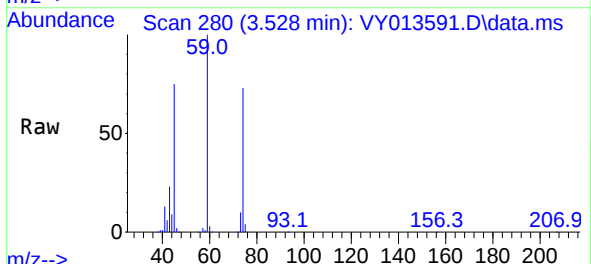
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

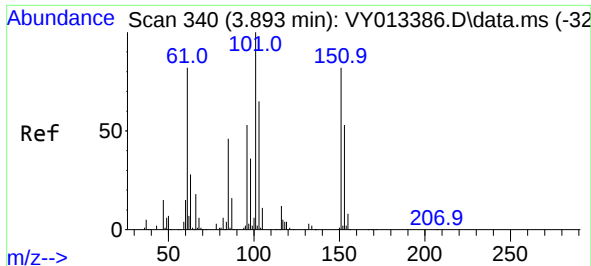
Tgt Ion:101 Resp: 273702
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4



#8
Diethyl Ether
Concen: 53.692 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 74 Resp: 94636
Ion Ratio Lower Upper
74 100
45 107.0 48.2 144.6

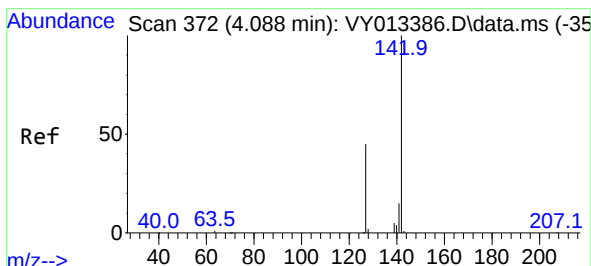
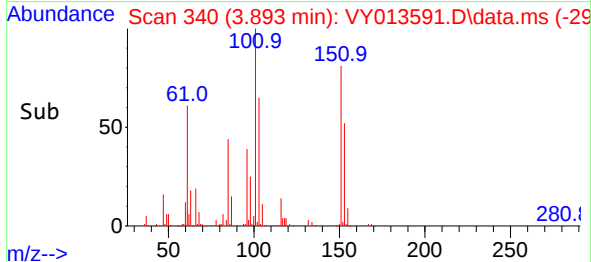
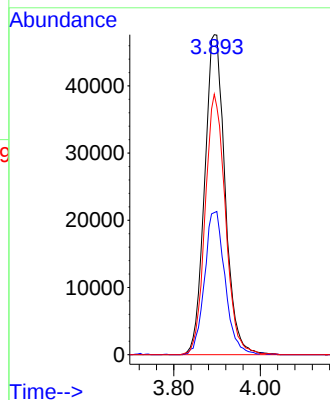
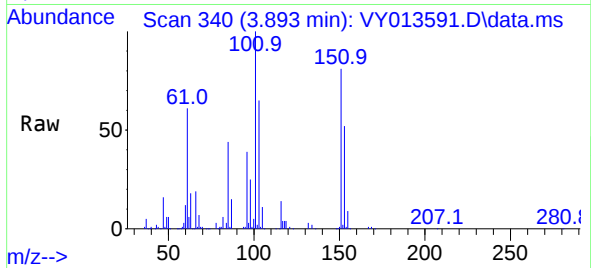




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.738 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

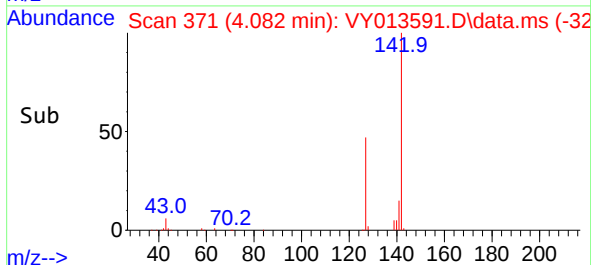
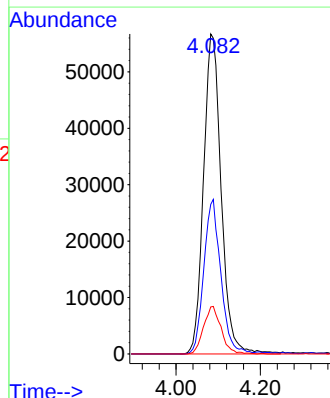
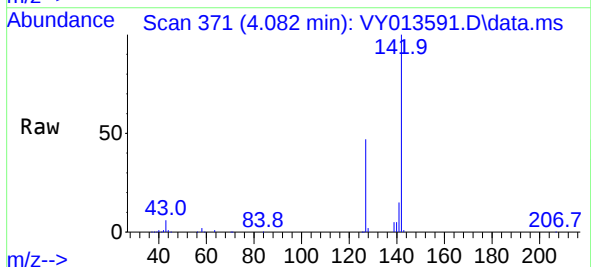
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

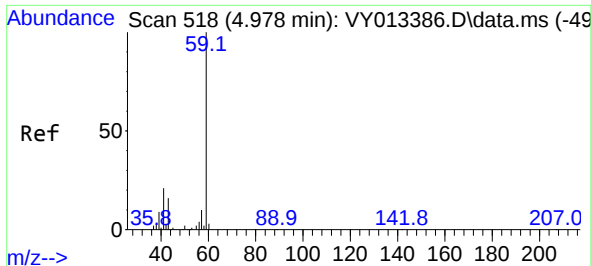
Tgt Ion:101 Resp: 156014
Ion Ratio Lower Upper
101 100
85 45.1 35.6 53.4
151 81.0 68.0 102.0



#10
Methyl Iodide
Concen: 45.344 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:142 Resp: 165344
Ion Ratio Lower Upper
142 100
127 46.5 36.1 54.1
141 14.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 101.405 ug/l

RT: 4.966 min Scan# 518

Delta R.T. -0.012 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

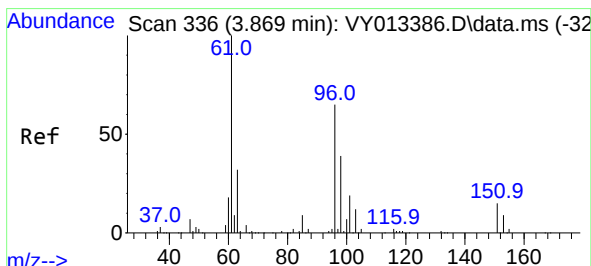
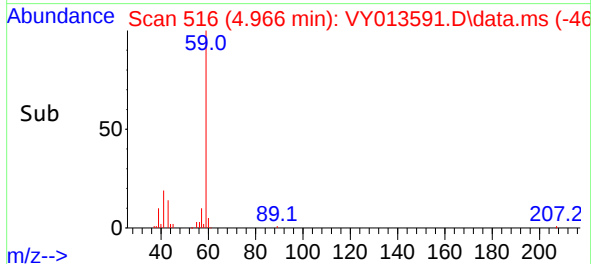
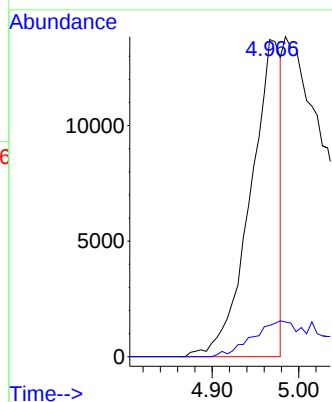
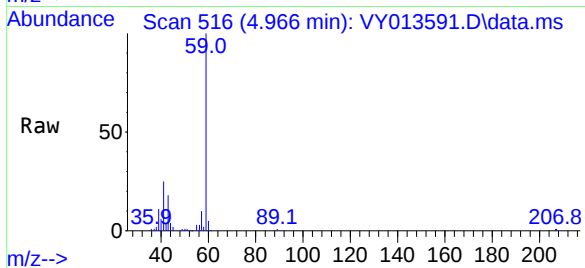
VSTDCCC050EC

Tgt Ion: 59 Resp: 33586

Ion Ratio Lower Upper

59 100

57 17.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 51.572 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

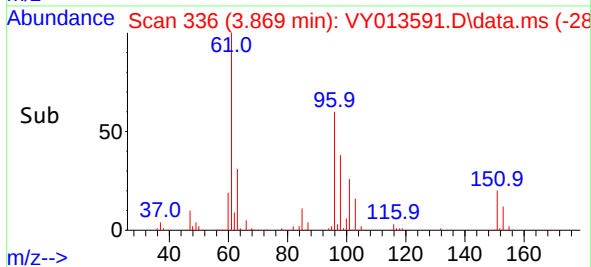
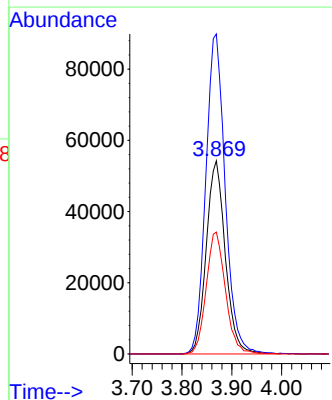
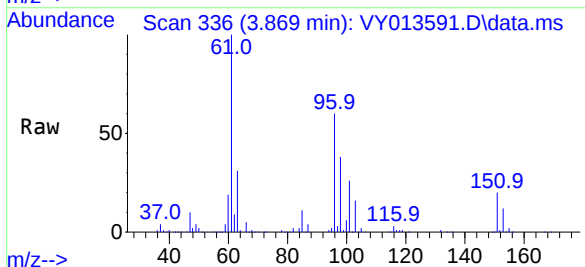
Tgt Ion: 96 Resp: 144327

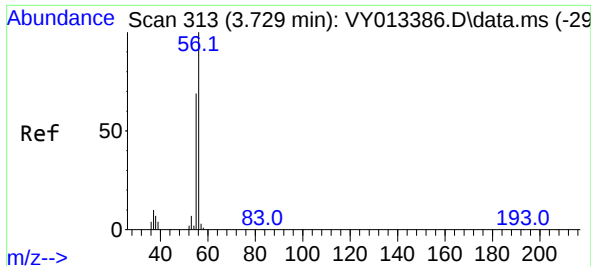
Ion Ratio Lower Upper

96 100

61 165.8 123.9 185.9

98 63.1 48.9 73.3

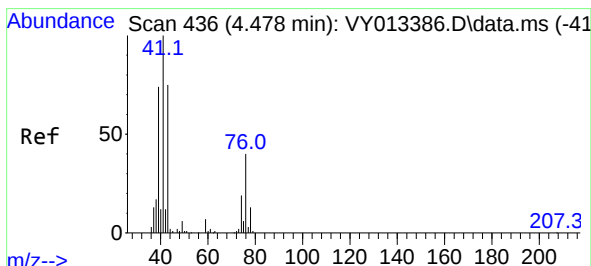
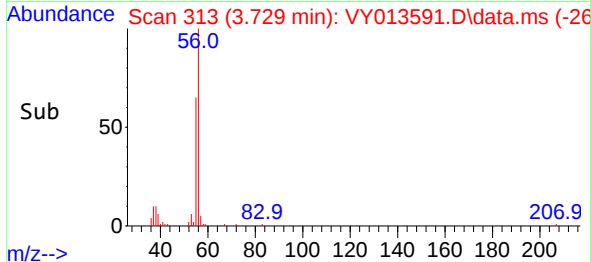
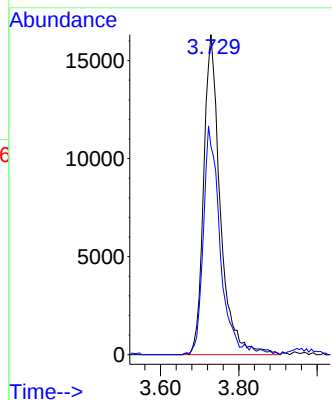
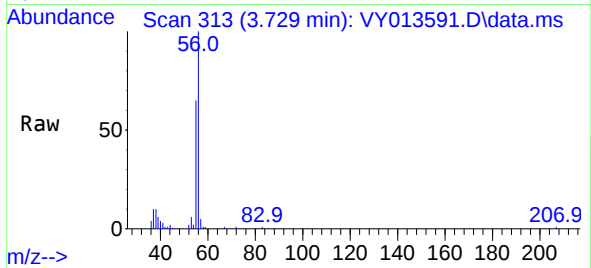




#13
Acrolein
Concen: 183.560 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

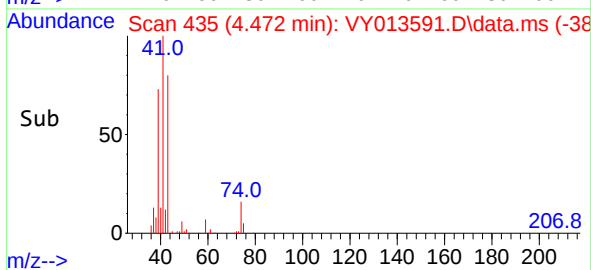
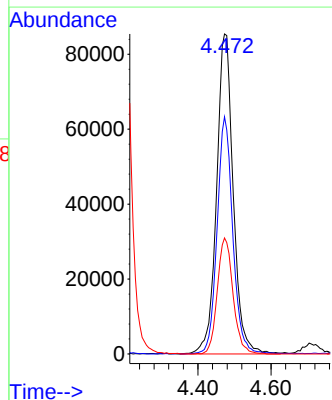
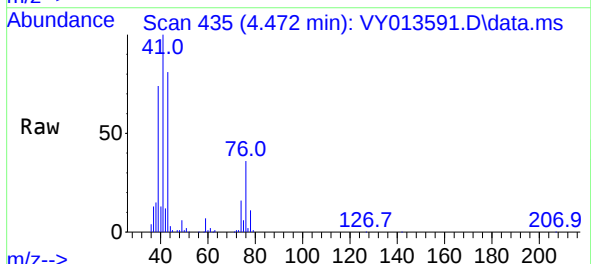
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

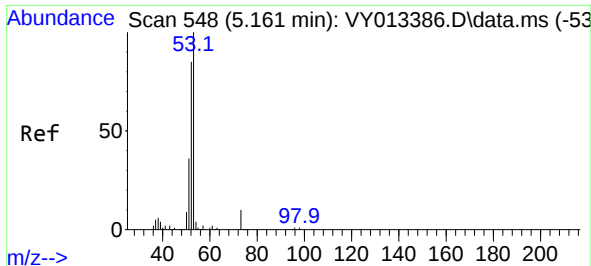
Tgt Ion: 56 Resp: 47950
Ion Ratio Lower Upper
56 100
55 70.4 54.1 81.1



#14
Allyl chloride
Concen: 52.234 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 41 Resp: 271236
Ion Ratio Lower Upper
41 100
39 69.7 56.6 85.0
76 34.2 30.5 45.7

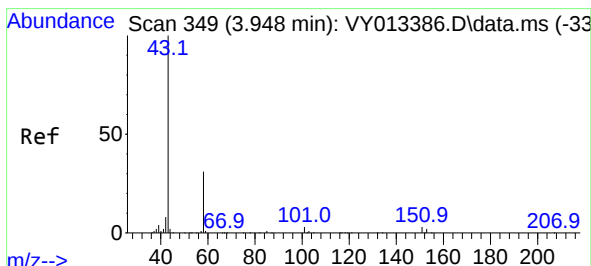
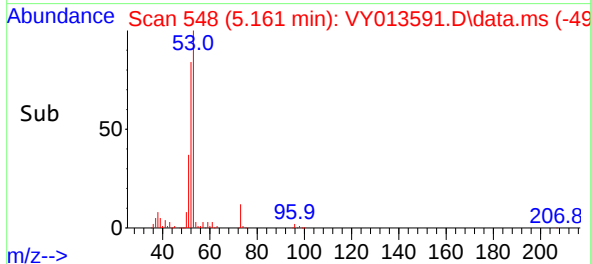
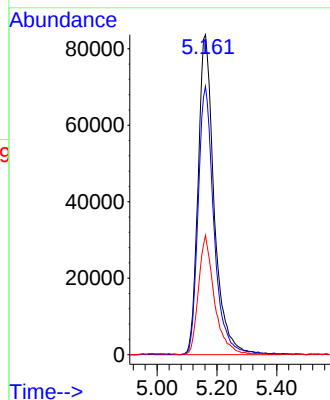
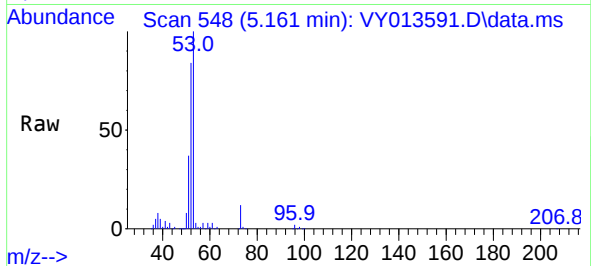




#15
Acrylonitrile
Concen: 316.691 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

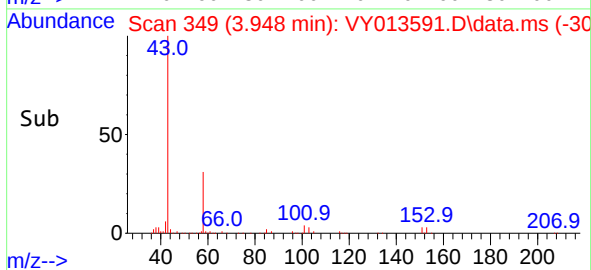
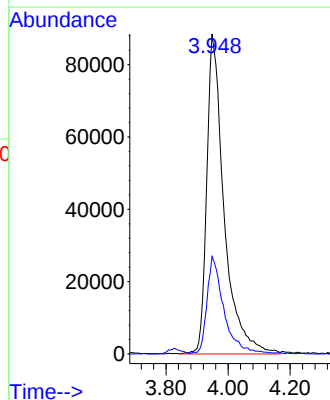
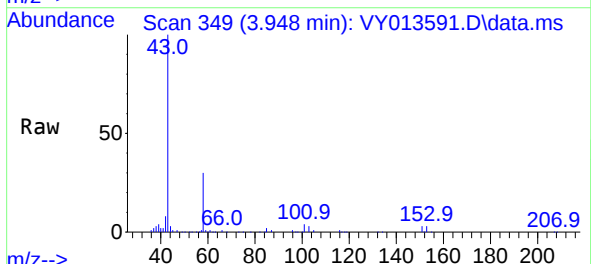
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

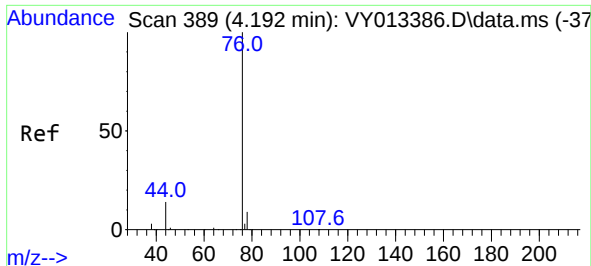
Tgt Ion: 53 Resp: 312606
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 36.9 29.3 43.9



#16
Acetone
Concen: 294.970 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 43 Resp: 342893
Ion Ratio Lower Upper
43 100
58 30.1 25.4 38.0

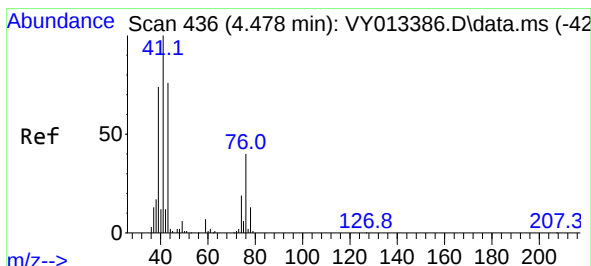
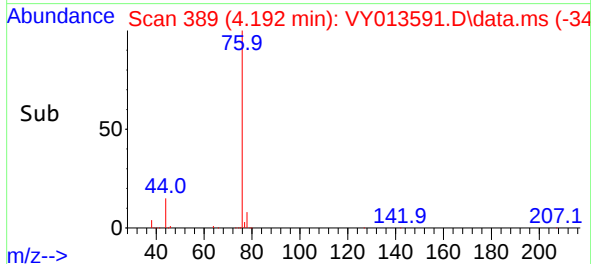
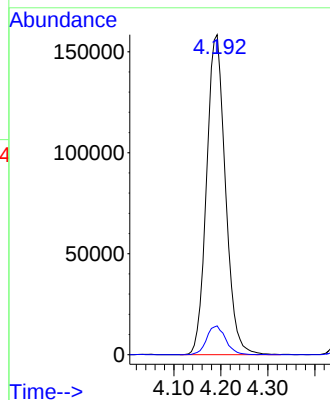
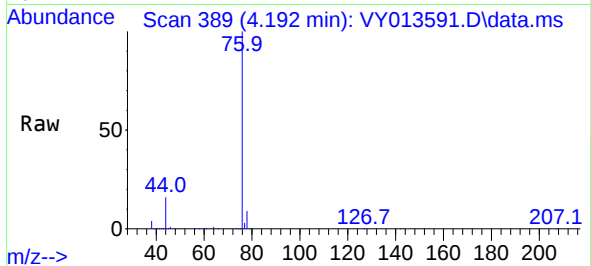




#17
Carbon Disulfide
Concen: 48.467 ug/l
RT: 4.192 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

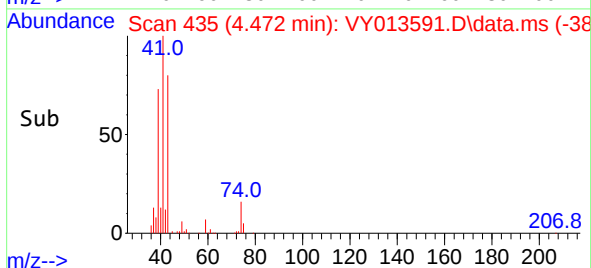
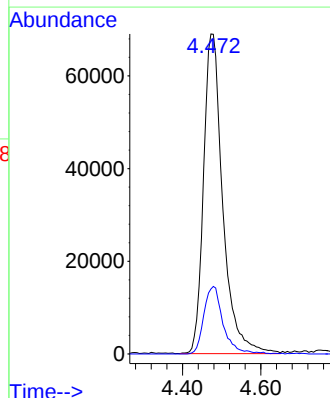
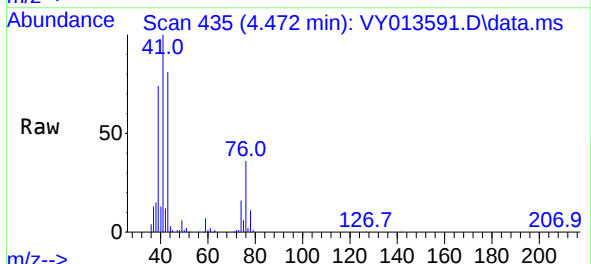
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

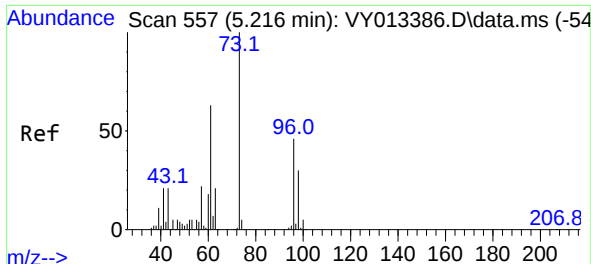
Tgt Ion: 76 Resp: 440593
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 61.300 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 43 Resp: 235355
Ion Ratio Lower Upper
43 100
74 21.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 58.017 ug/l

RT: 5.216 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

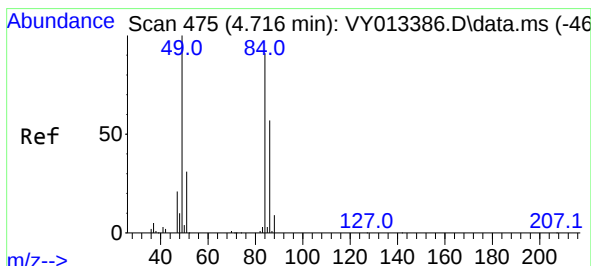
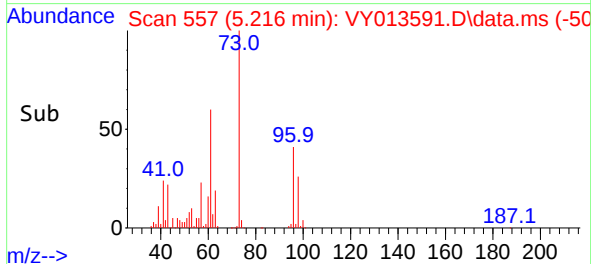
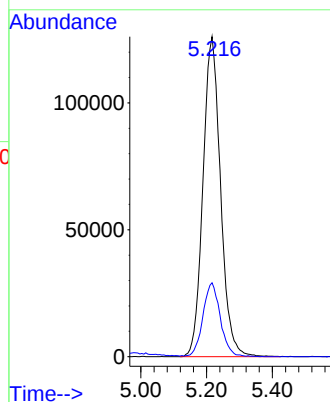
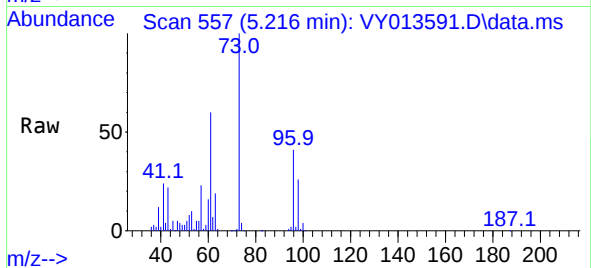
VSTDCCC050EC

Tgt Ion: 73 Resp: 468738

Ion Ratio Lower Upper

73 100

57 23.1 17.8 26.8



#20

Methylene Chloride

Concen: 52.844 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Tgt Ion: 84 Resp: 190768

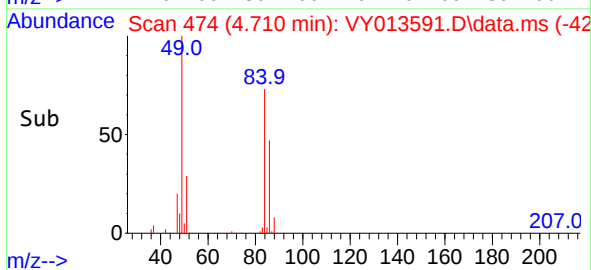
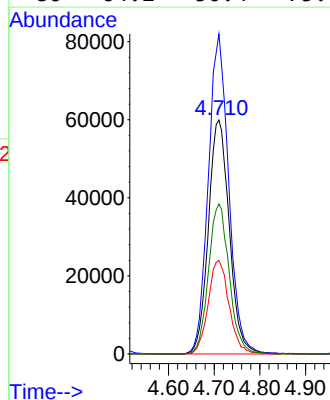
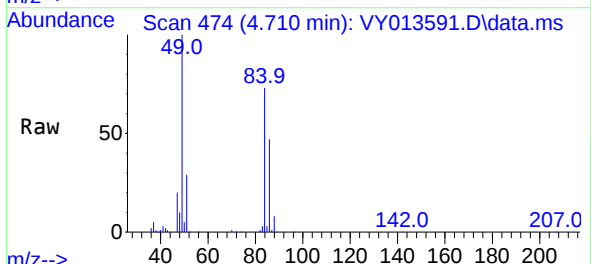
Ion Ratio Lower Upper

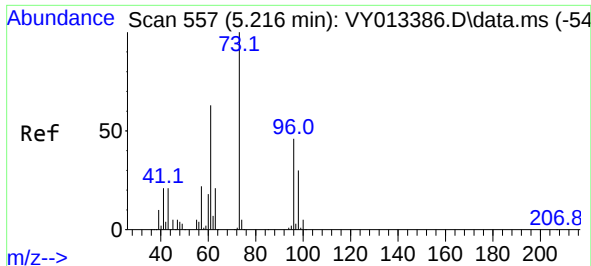
84 100

49 136.8 88.0 132.0#

51 40.1 27.4 41.0

86 64.2 50.4 75.6

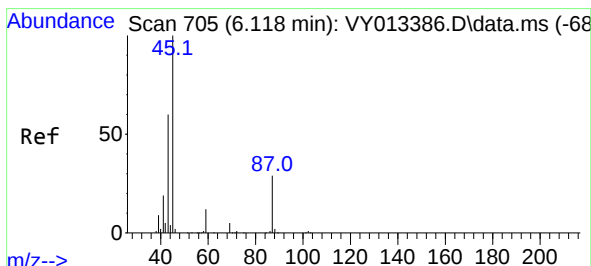
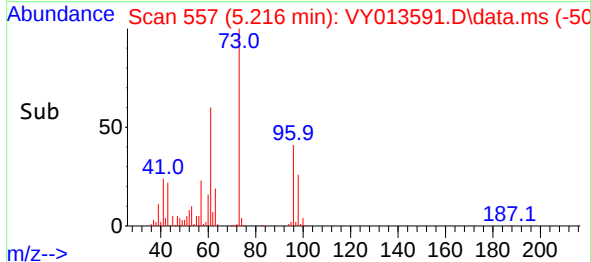
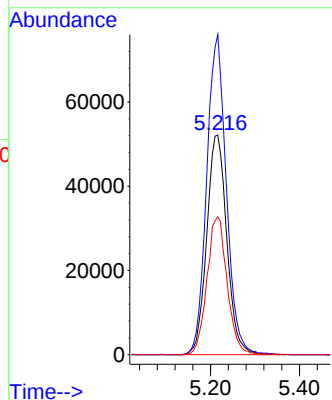
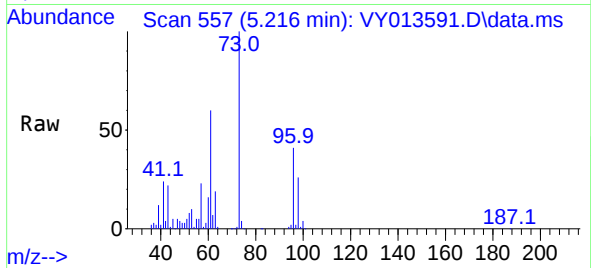




#21
trans-1,2-Dichloroethene
Concen: 53.622 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

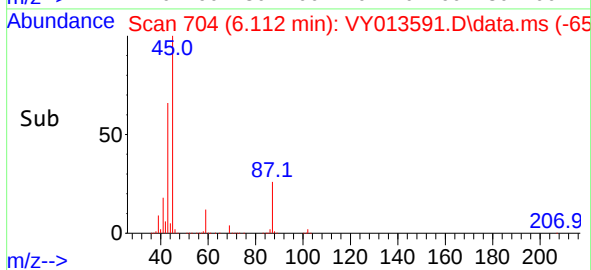
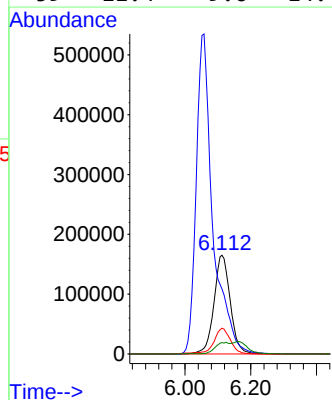
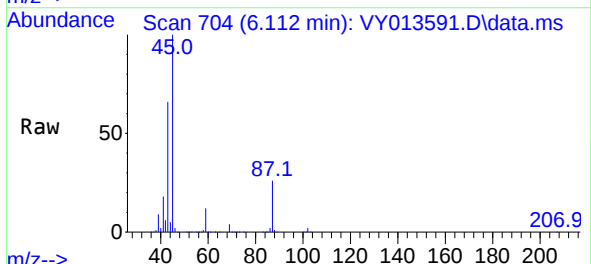
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

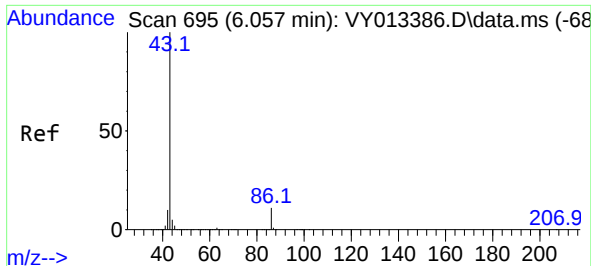
Tgt Ion: 96 Resp: 164074
Ion Ratio Lower Upper
96 100
61 145.7 110.6 165.8
98 62.7 53.1 79.7



#22
Diisopropyl ether
Concen: 55.833 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 45 Resp: 566674
Ion Ratio Lower Upper
45 100
43 65.7 48.4 72.6
87 26.1 23.8 35.6
59 11.4 9.6 14.4

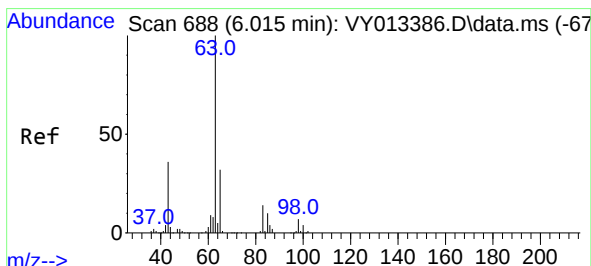
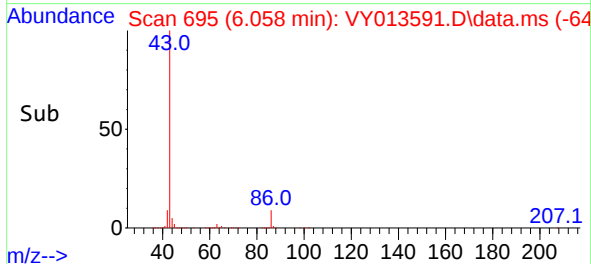
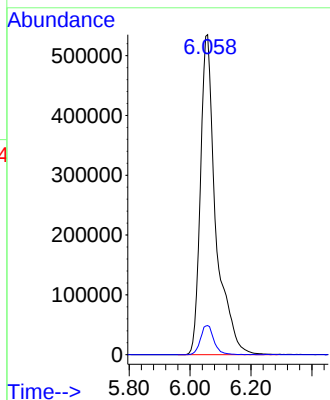
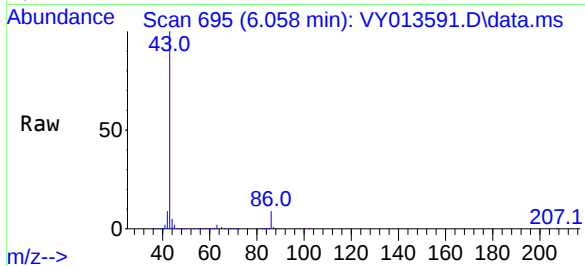




#23
 Vinyl Acetate
 Concen: 326.666 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY013591.D
 Acq: 03 May 2023 18:54

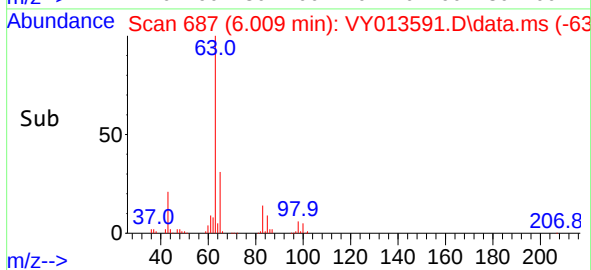
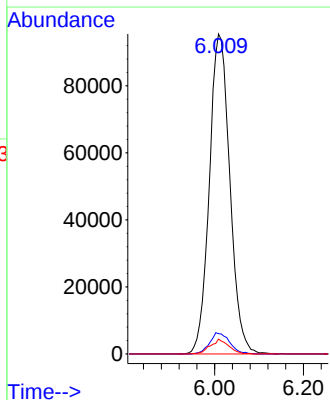
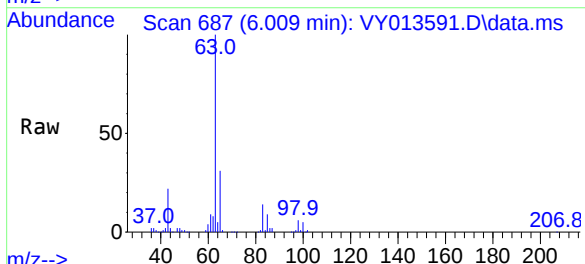
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

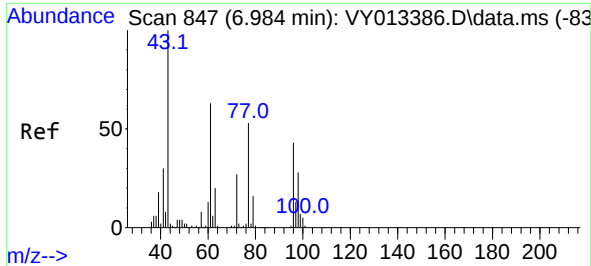
Tgt Ion: 43 Resp: 1877218
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 54.072 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013591.D
 Acq: 03 May 2023 18:54

Tgt Ion: 63 Resp: 305865
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.6
 100 4.6 2.2 6.6

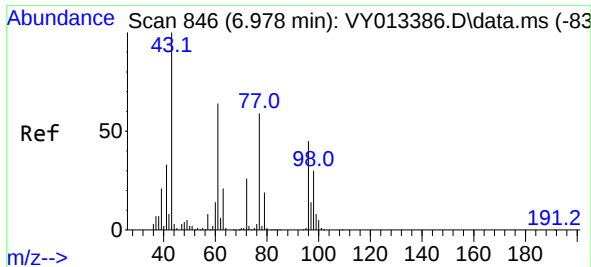
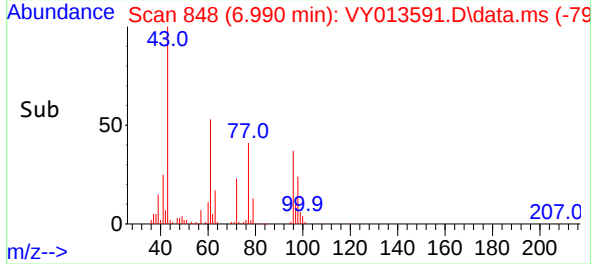
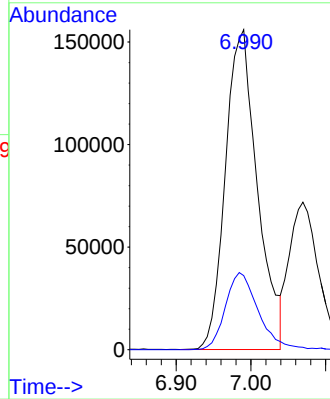
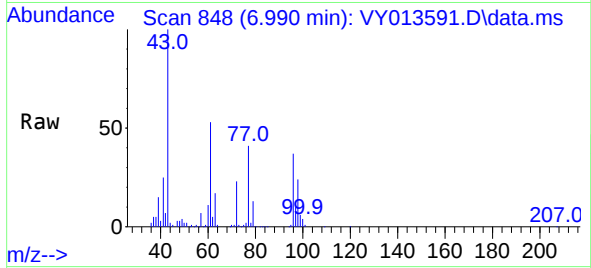




#25
2-Butanone
Concen: 315.467 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

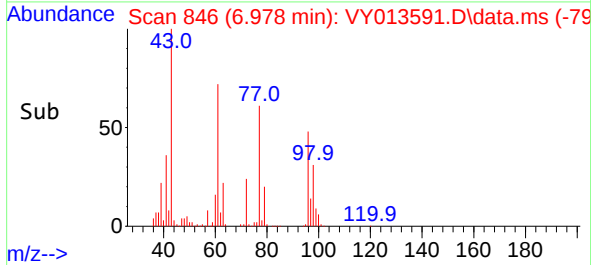
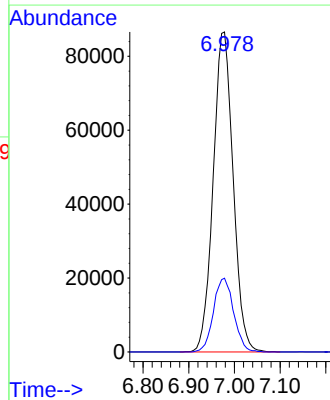
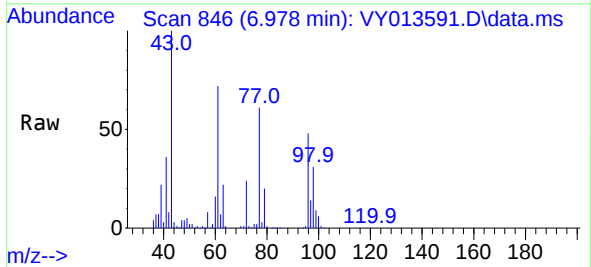
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

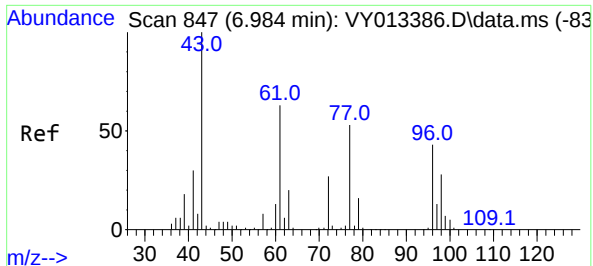
Tgt Ion: 43 Resp: 465081
Ion Ratio Lower Upper
43 100
72 23.1 21.9 32.9



#26
2,2-Dichloropropane
Concen: 53.730 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 77 Resp: 261898
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.4

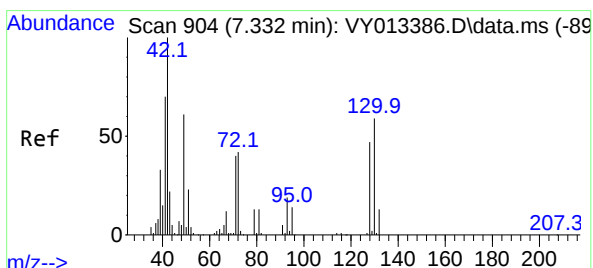
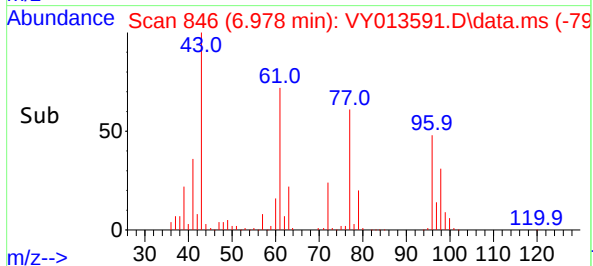
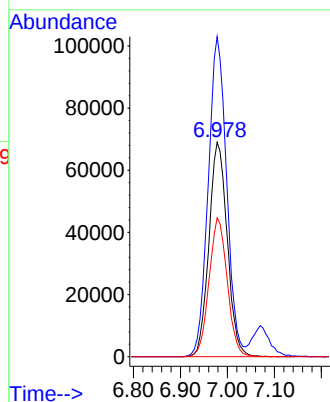
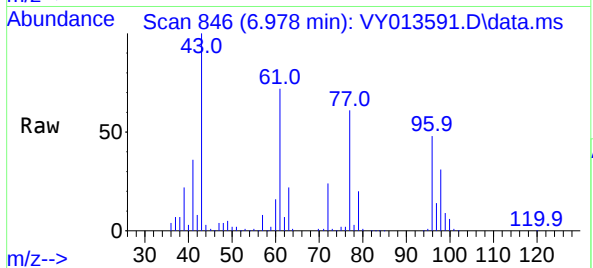




#27
 cis-1,2-Dichloroethene
 Concen: 55.139 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY013591.D
 Acq: 03 May 2023 18:54

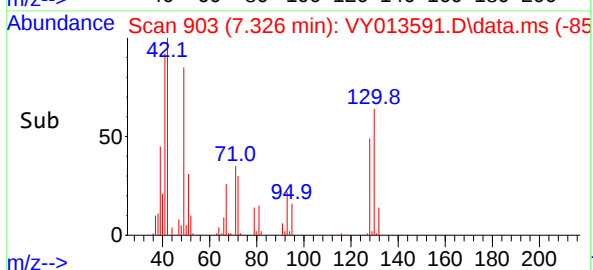
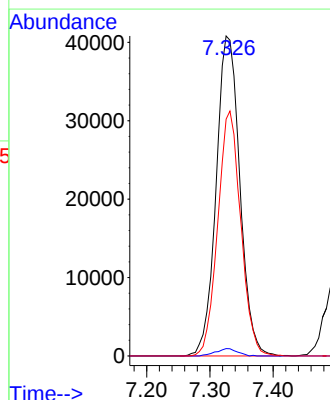
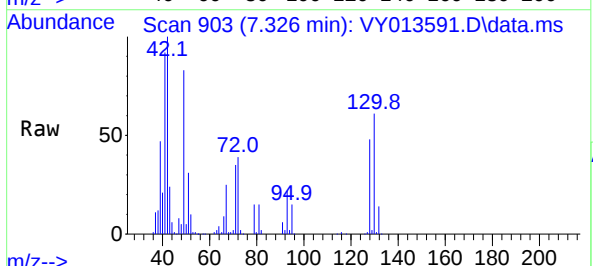
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

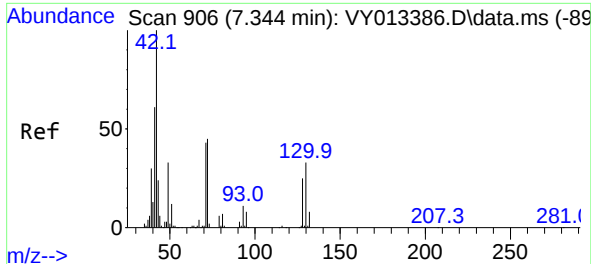
Tgt Ion: 96 Resp: 186412
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 285.0
 98 64.3 0.0 130.6



#28
 Bromochloromethane
 Concen: 52.868 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY013591.D
 Acq: 03 May 2023 18:54

Tgt Ion: 49 Resp: 106124
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.2
 130 74.2 72.1 108.1

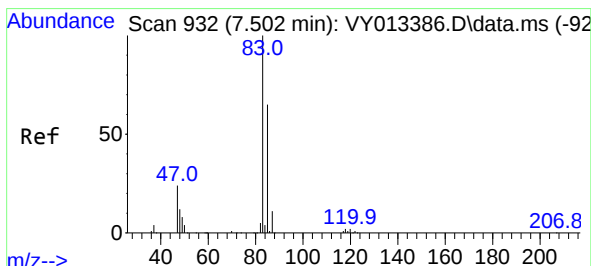
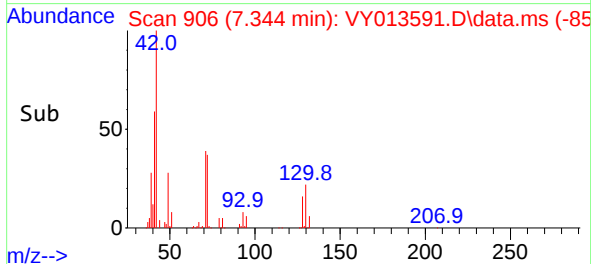
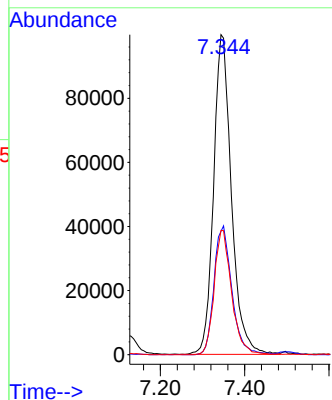
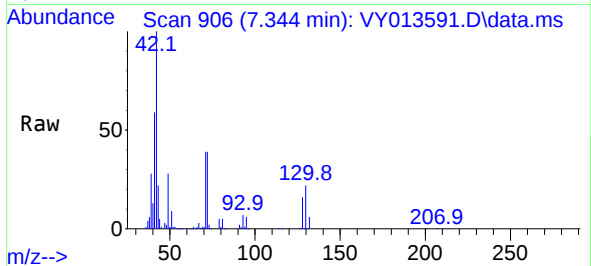




#29
Tetrahydrofuran
Concen: 318.947 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

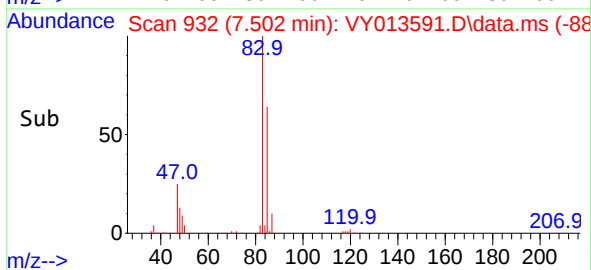
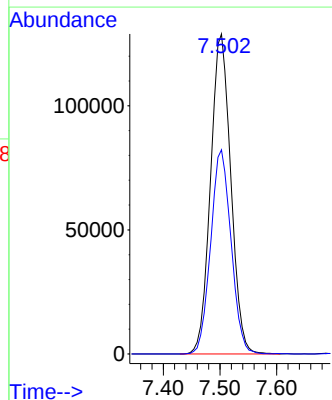
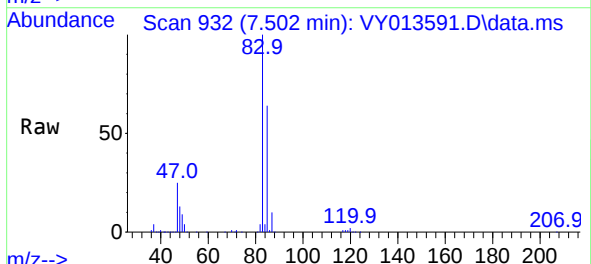
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

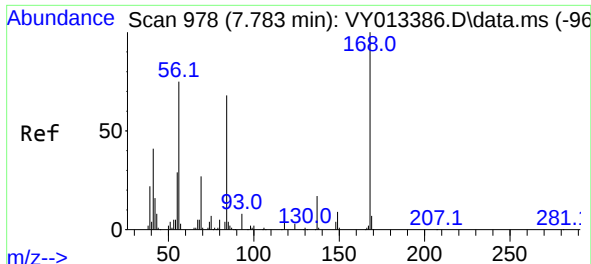
Tgt Ion: 42 Resp: 292697
Ion Ratio Lower Upper
42 100
72 40.4 35.9 53.9
71 38.1 34.3 51.5



#30
Chloroform
Concen: 56.802 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

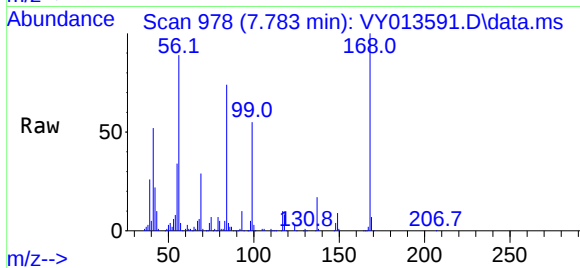
Tgt Ion: 83 Resp: 319460
Ion Ratio Lower Upper
83 100
85 63.8 52.0 78.0



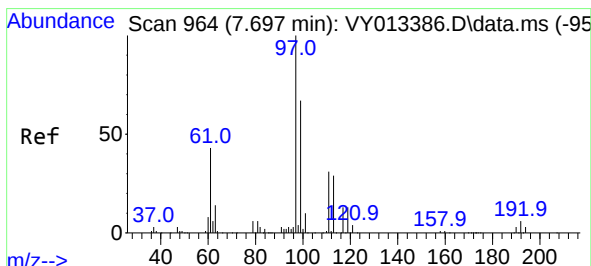
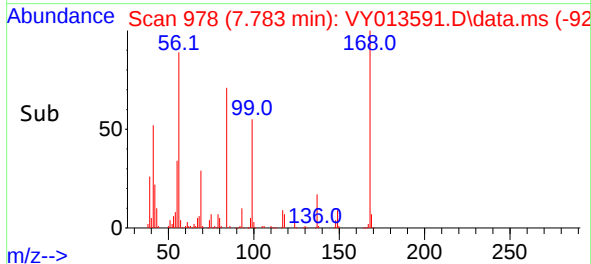
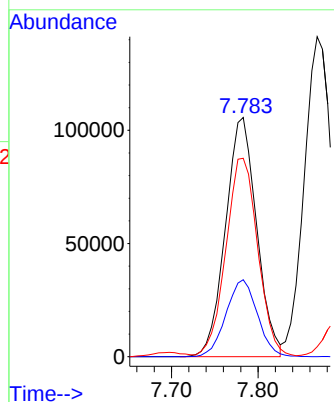


#31
Cyclohexane
Concen: 49.914 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

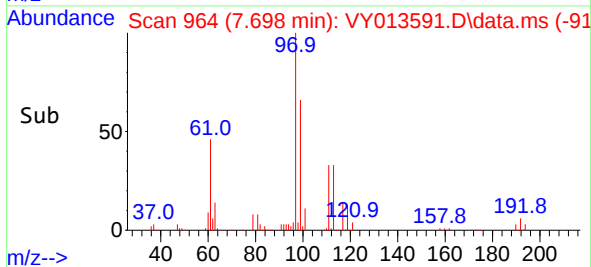
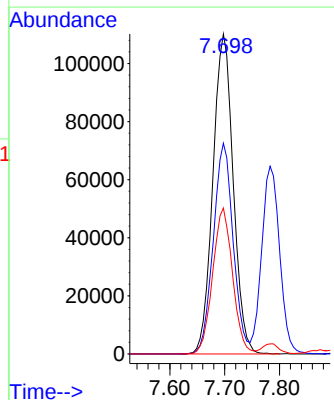
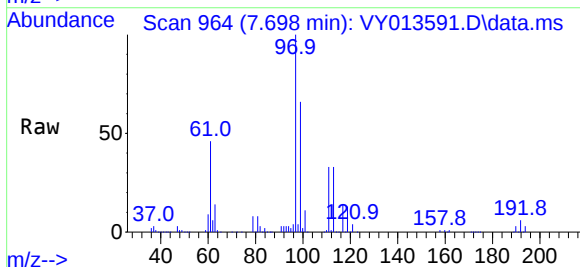


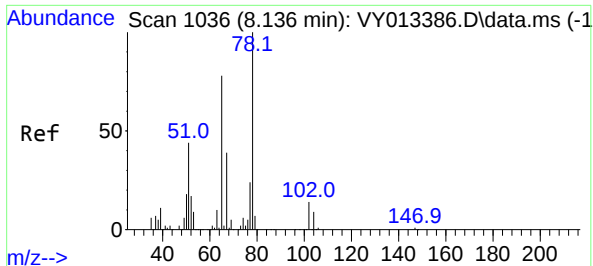
Tgt Ion: 56 Resp: 263799
Ion Ratio Lower Upper
56 100
69 32.2 29.2 43.8
84 81.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 56.421 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 97 Resp: 283158
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 44.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.978 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

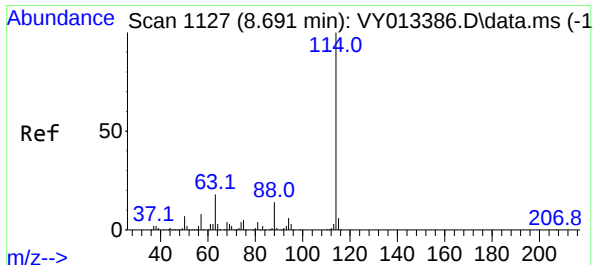
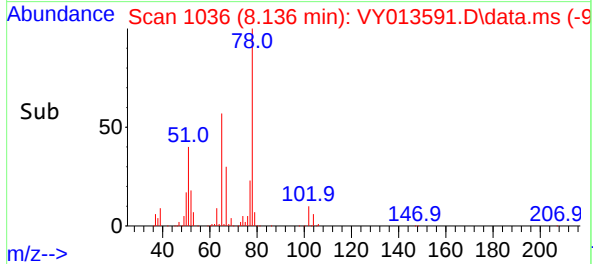
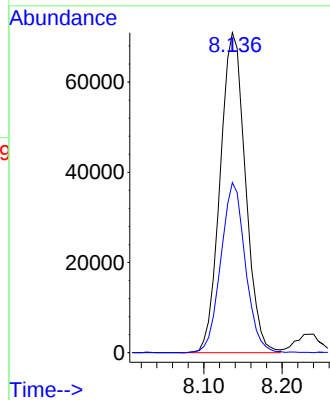
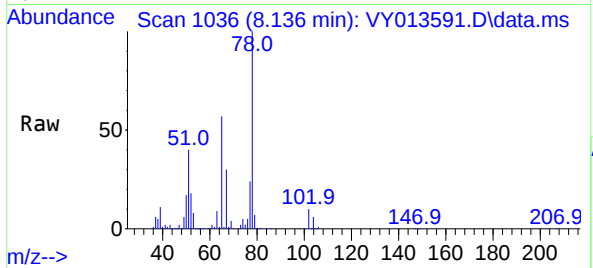
VSTDCCC050EC

Tgt Ion: 65 Resp: 159334

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

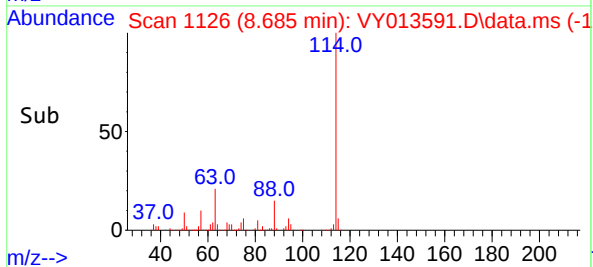
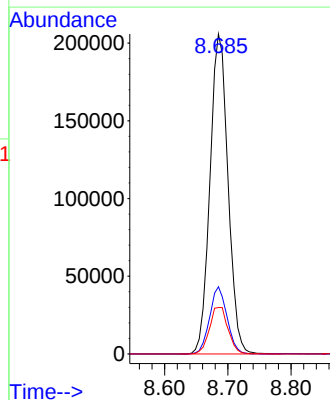
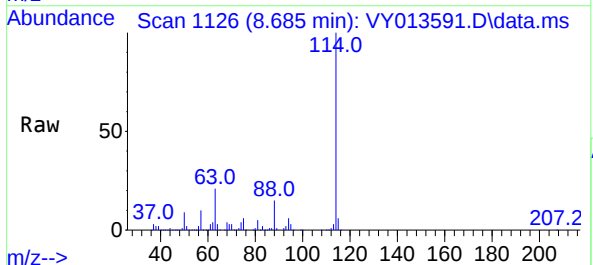
Tgt Ion: 114 Resp: 407712

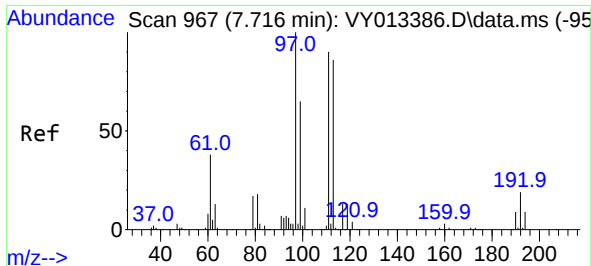
Ion Ratio Lower Upper

114 100

63 21.0 0.0 36.6

88 14.5 0.0 28.8

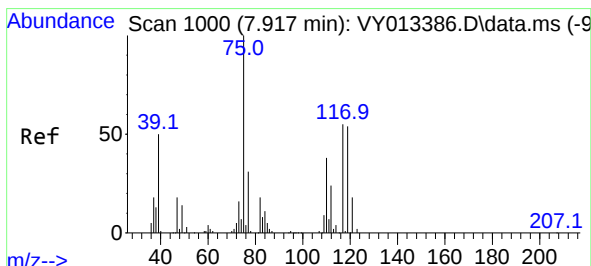
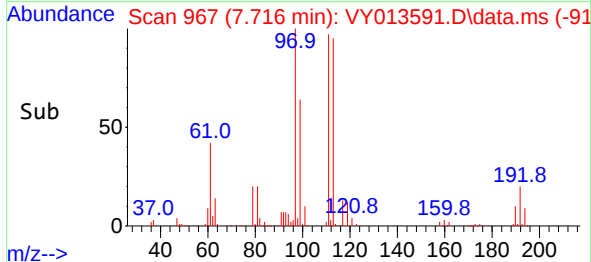
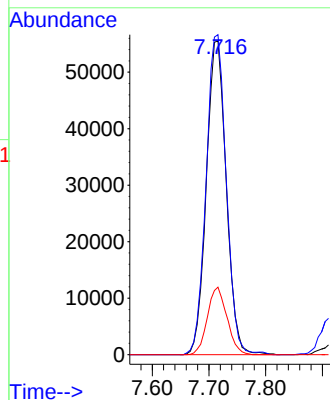
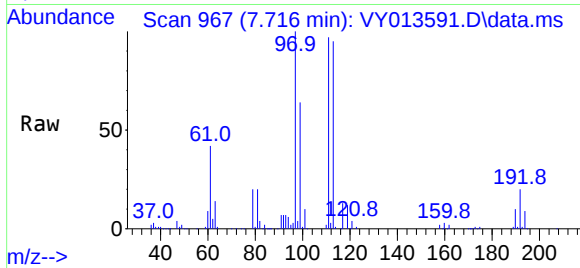




#35
Dibromofluoromethane
Concen: 52.723 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

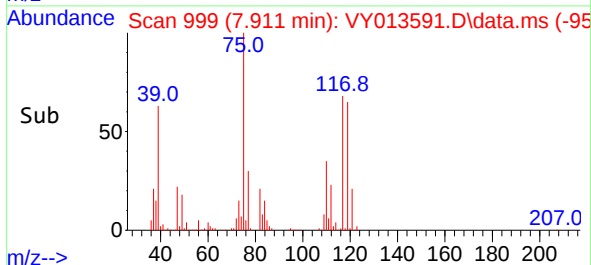
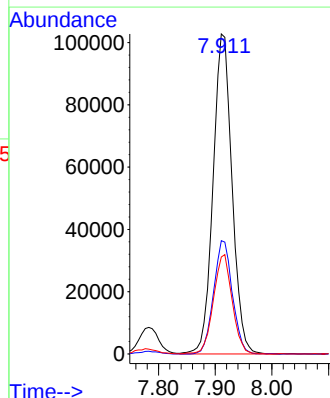
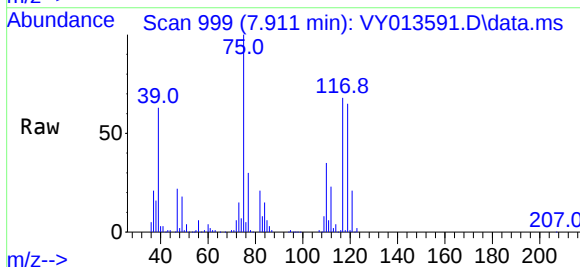
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

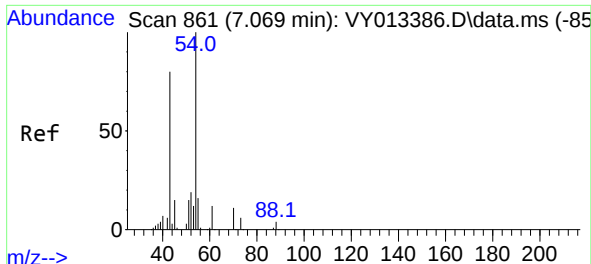
Tgt Ion:113 Resp: 135198
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 56.031 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 75 Resp: 238461
Ion Ratio Lower Upper
75 100
110 35.0 18.7 56.1
77 30.7 24.6 37.0

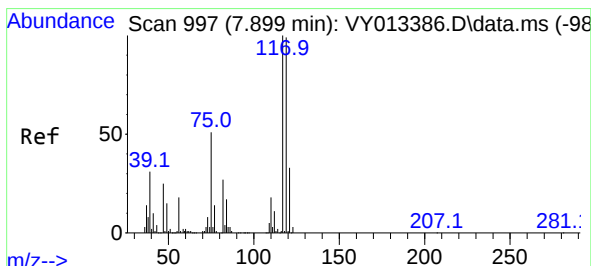
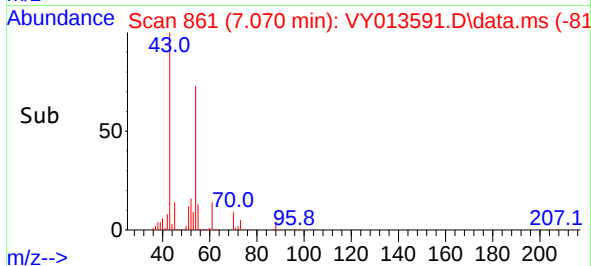
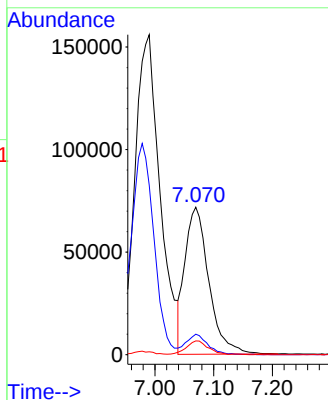
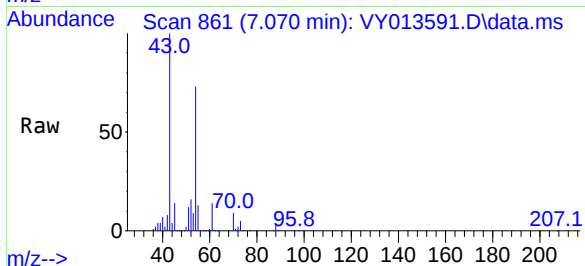




#37
Ethyl Acetate
Concen: 63.115 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

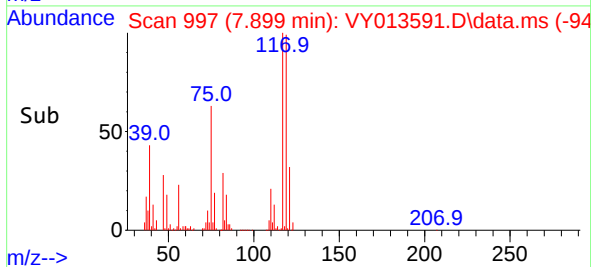
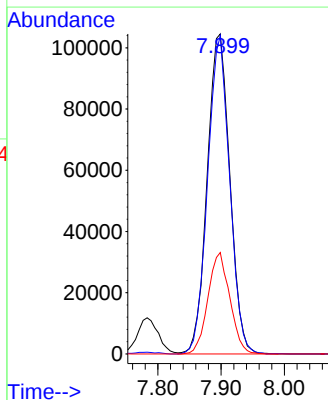
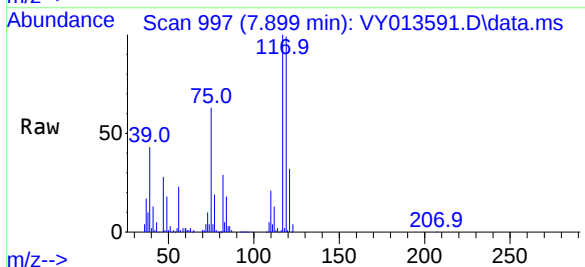
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

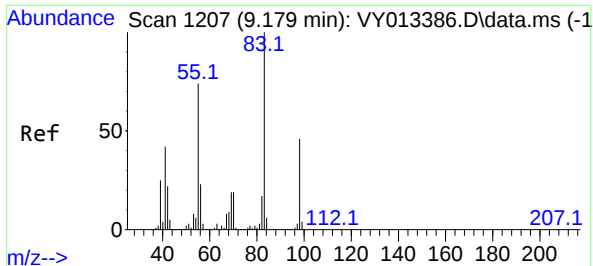
Tgt Ion: 43 Resp: 202135
Ion Ratio Lower Upper
43 100
61 12.7 11.4 17.0
70 8.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 58.350 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 117 Resp: 260279
Ion Ratio Lower Upper
117 100
119 99.5 79.0 118.6
121 31.7 26.6 40.0





#39

Methylcyclohexane

Concen: 55.541 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

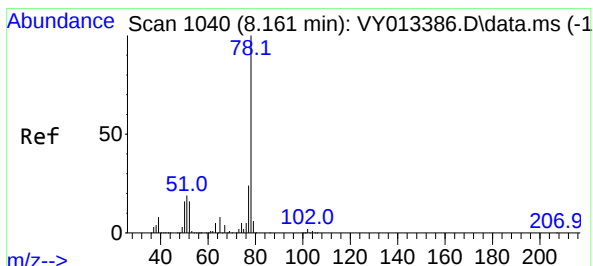
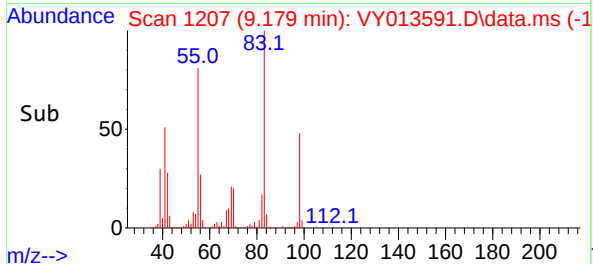
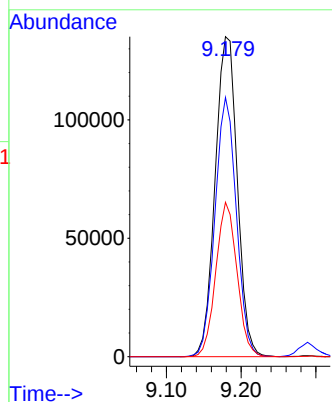
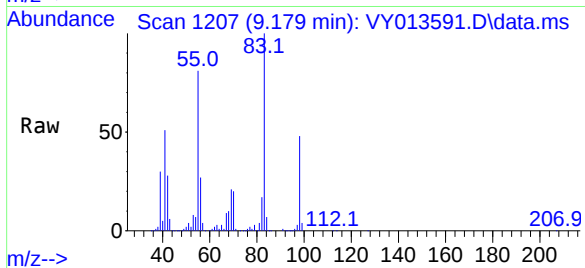
Tgt Ion: 83 Resp: 278659

Ion Ratio Lower Upper

83 100

55 81.0 59.0 88.4

98 48.2 37.0 55.4



#40

Benzene

Concen: 56.381 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013591.D

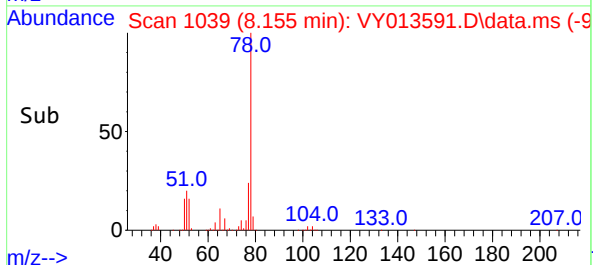
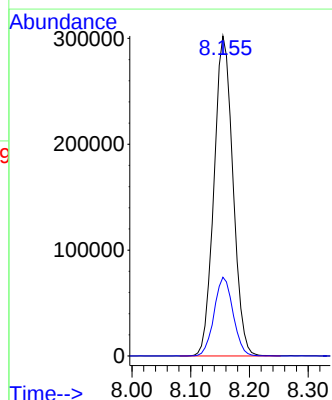
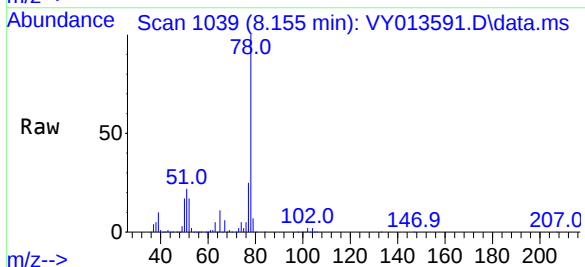
Acq: 03 May 2023 18:54

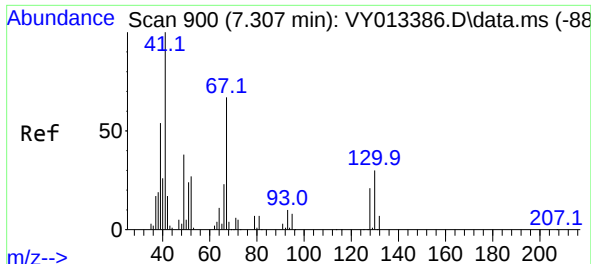
Tgt Ion: 78 Resp: 675902

Ion Ratio Lower Upper

78 100

77 24.6 19.2 28.8

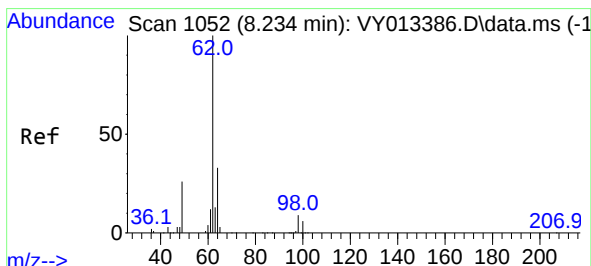
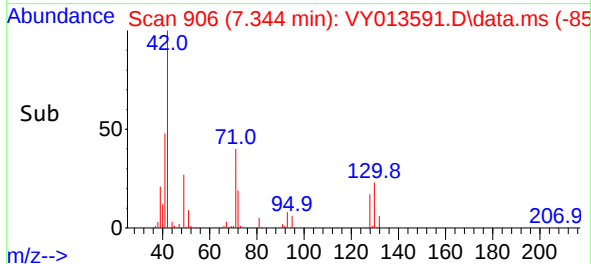
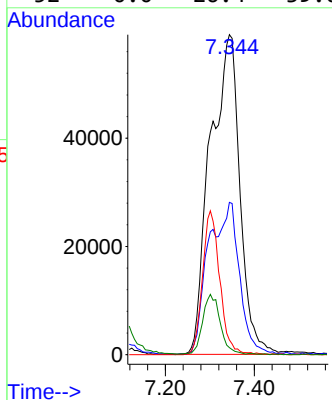
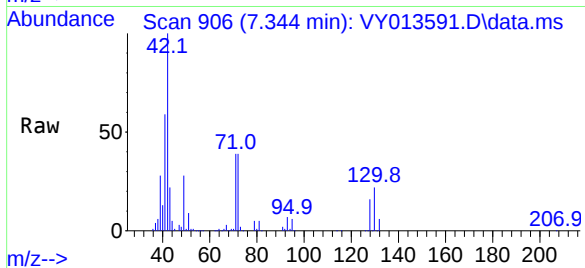




#41
Methacrylonitrile
Concen: 182.767 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

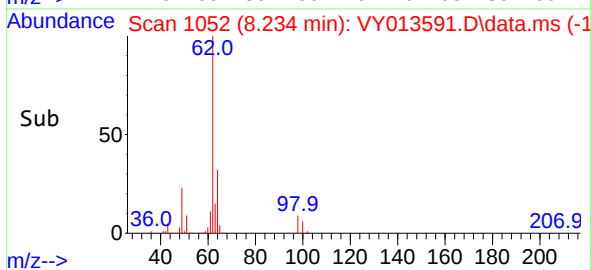
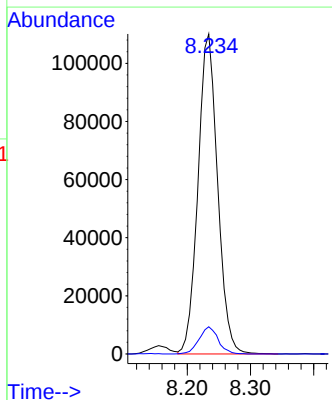
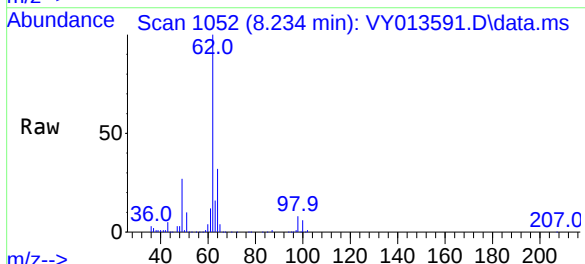
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

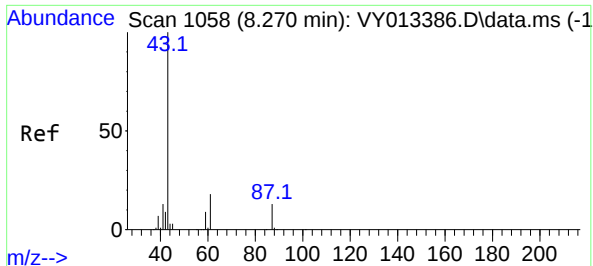
Tgt Ion: 41 Resp: 272766
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 60.627 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 62 Resp: 237616
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8

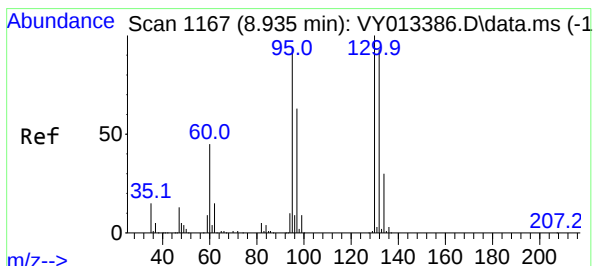
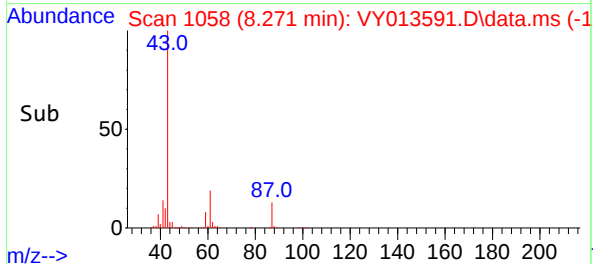
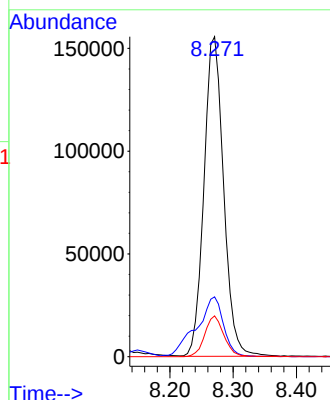
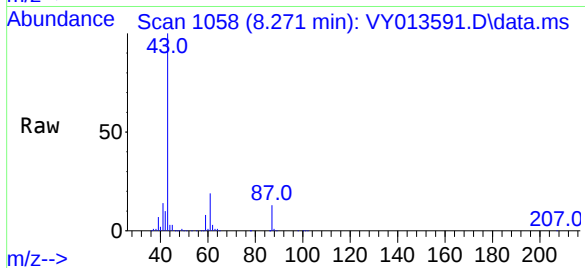




#43
Isopropyl Acetate
Concen: 62.228 ug/l
RT: 8.271 min Scan# 11058
Delta R.T. 0.001 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

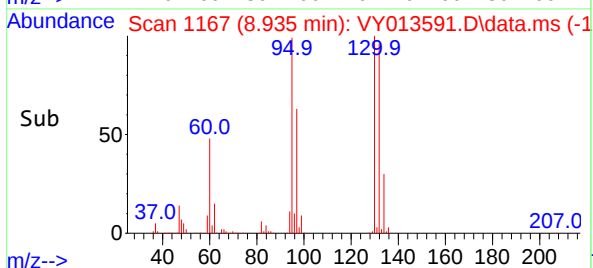
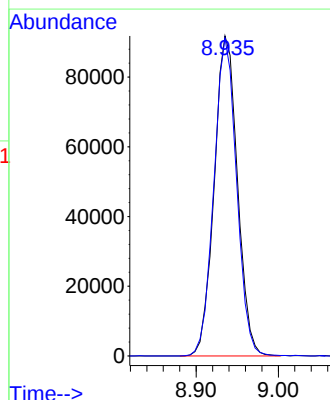
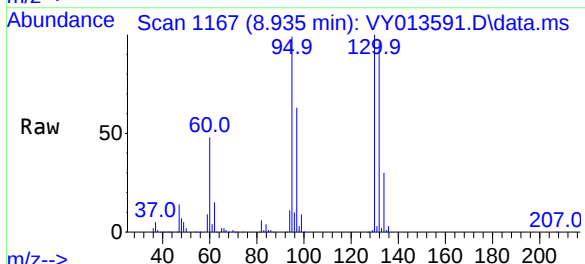
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

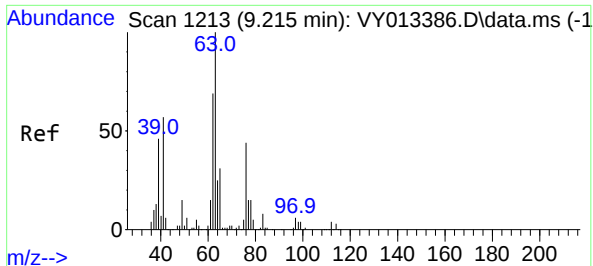
Tgt Ion: 43 Resp: 336390
Ion Ratio Lower Upper
43 100
61 25.8 22.2 33.4
87 12.5 11.0 16.6



#44
Trichloroethene
Concen: 56.461 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:130 Resp: 180047
Ion Ratio Lower Upper
130 100
95 99.3 0.0 188.8

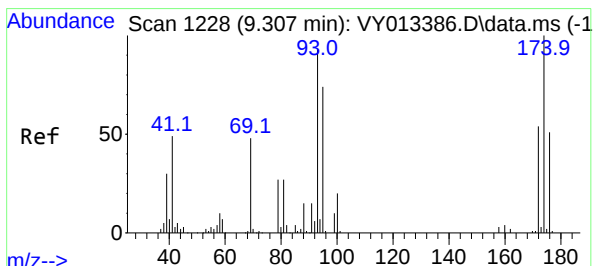
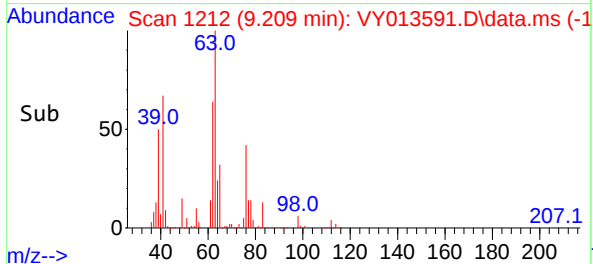
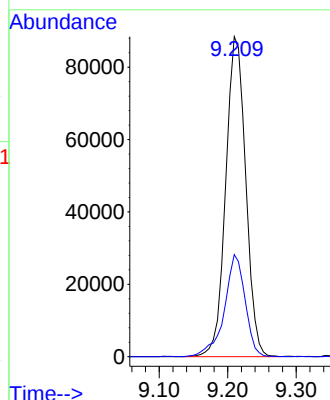
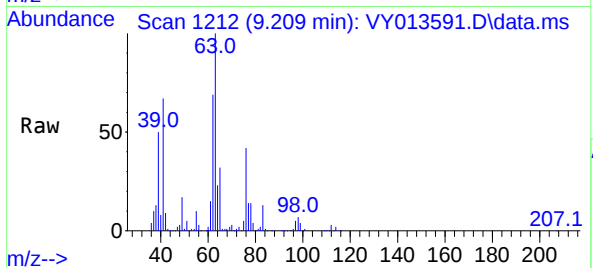




#45
1,2-Dichloropropane
Concen: 57.111 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

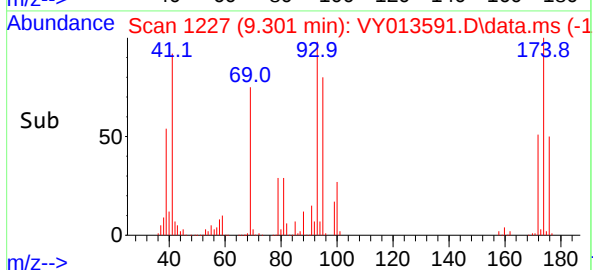
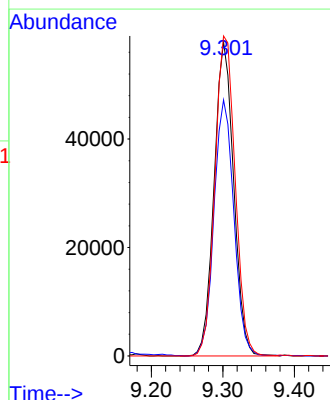
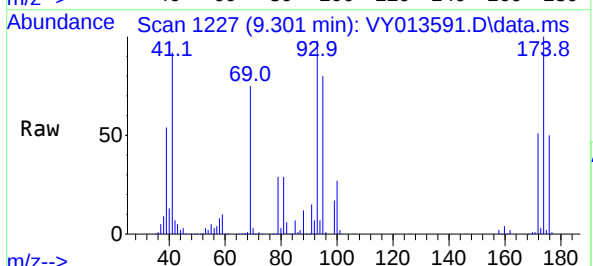
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

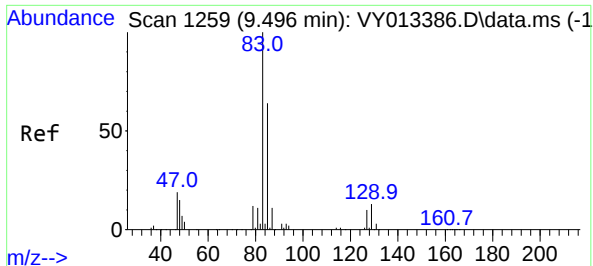
Tgt Ion: 63 Resp: 179014
Ion Ratio Lower Upper
63 100
65 31.9 24.6 37.0



#46
Dibromomethane
Concen: 58.791 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 93 Resp: 110262
Ion Ratio Lower Upper
93 100
95 82.9 67.1 100.7
174 105.5 87.0 130.4





#47

Bromodichloromethane

Concen: 59.854 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

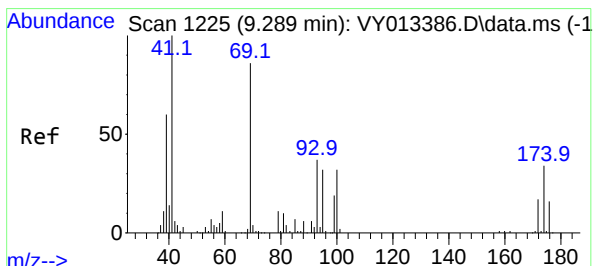
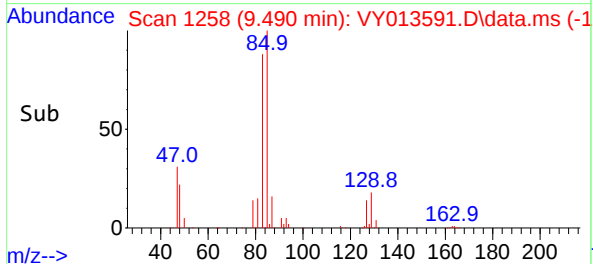
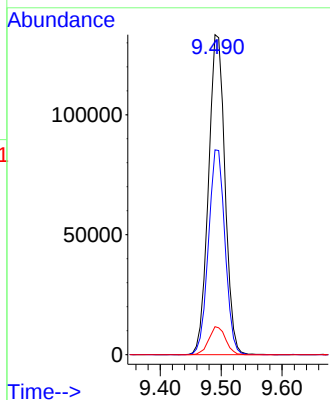
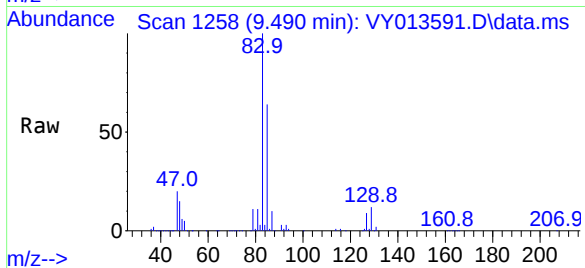
Tgt Ion: 83 Resp: 251186

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2

127 8.8 8.1 12.1



#48

Methyl methacrylate

Concen: 64.880 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

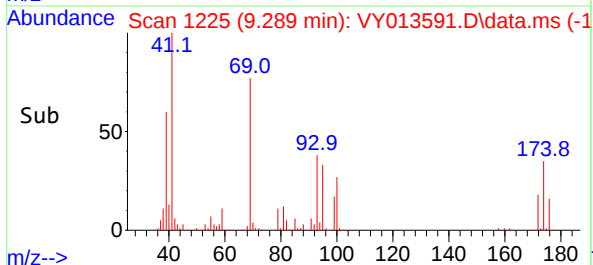
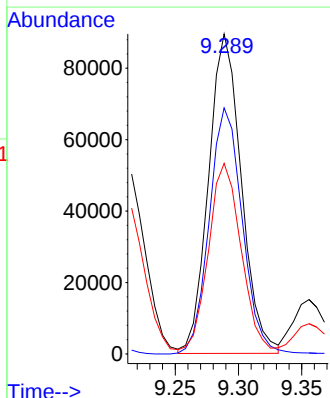
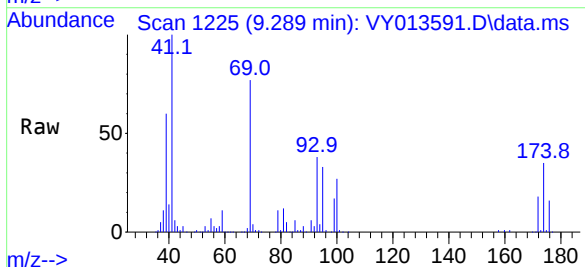
Tgt Ion: 41 Resp: 161077

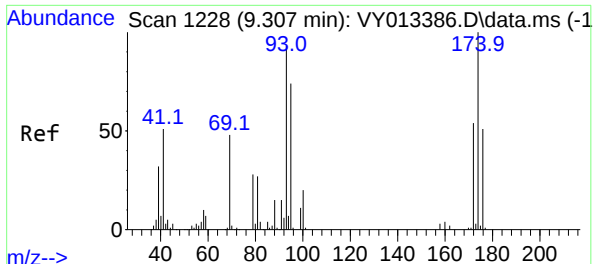
Ion Ratio Lower Upper

41 100

69 77.8 70.2 105.4

39 57.2 47.9 71.9





#49

1,4-Dioxane

Concen: 1379.159 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

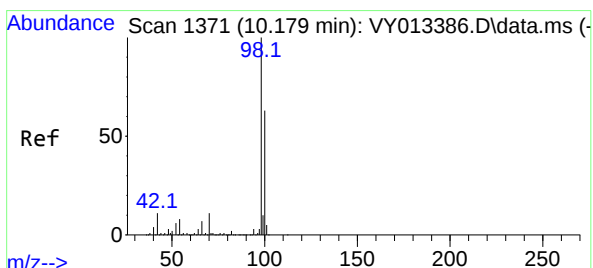
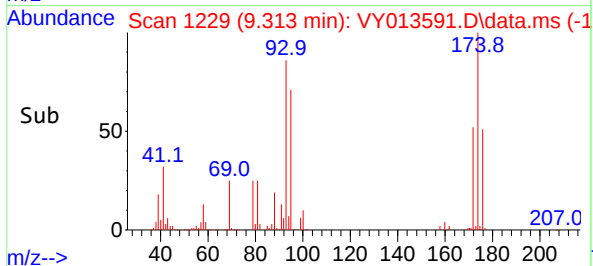
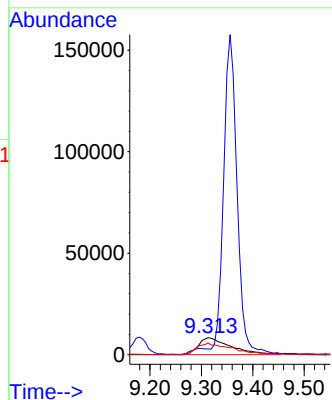
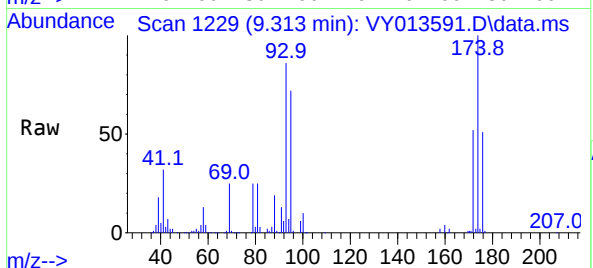
Tgt Ion: 88 Resp: 36942

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 74.5 54.3 81.5



#50

Toluene-d8

Concen: 51.045 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013591.D

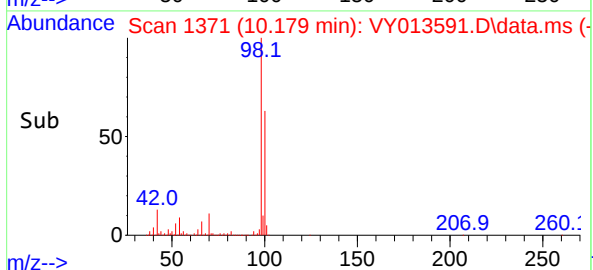
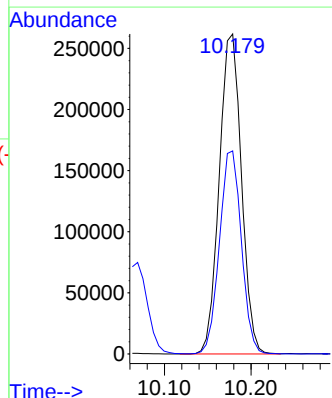
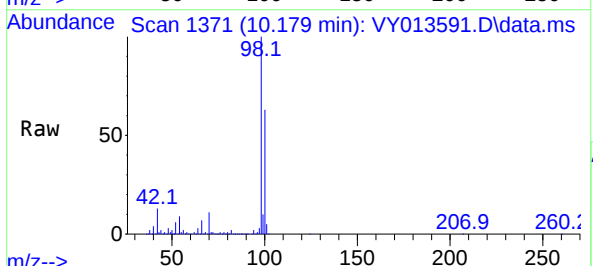
Acq: 03 May 2023 18:54

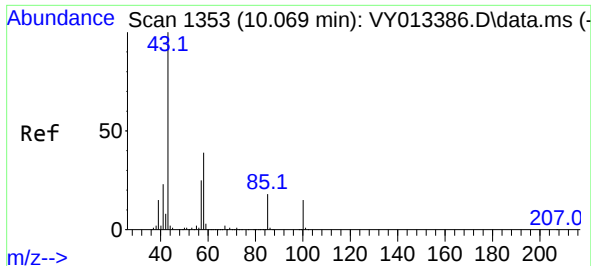
Tgt Ion: 98 Resp: 465653

Ion Ratio Lower Upper

98 100

100 62.8 50.5 75.7

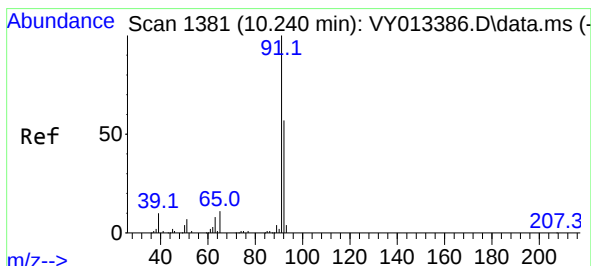
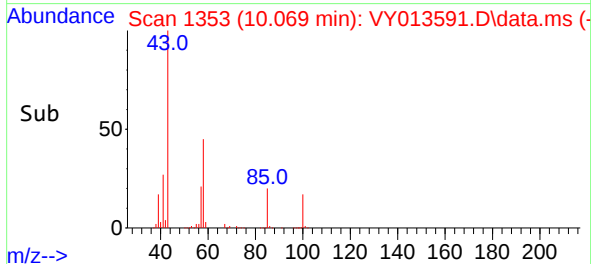
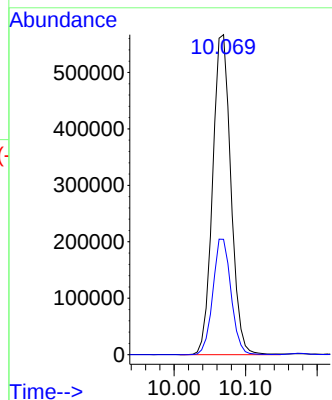
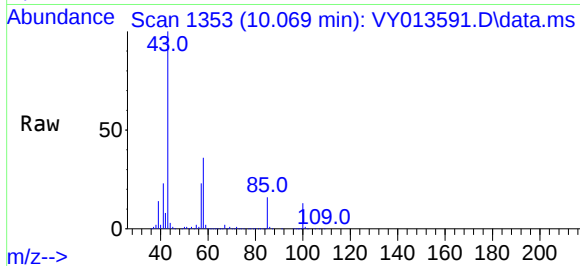




#51
4-Methyl-2-Pentanone
Concen: 333.169 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

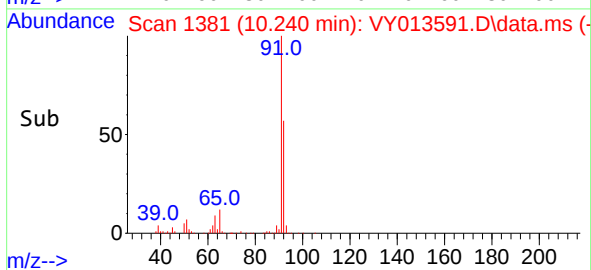
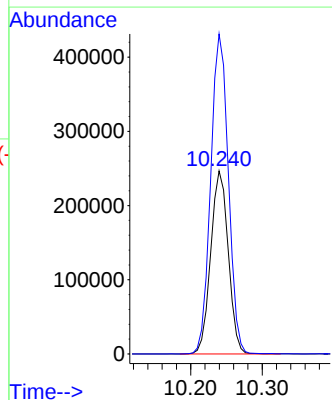
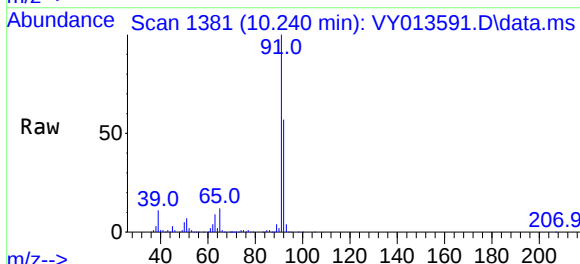
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

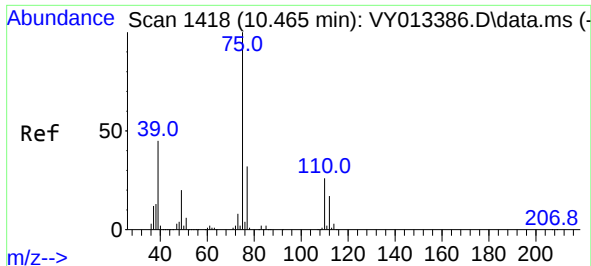
Tgt Ion: 43 Resp: 1003620
Ion Ratio Lower Upper
43 100
58 36.0 30.6 46.0



#52
Toluene
Concen: 58.210 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 92 Resp: 419933
Ion Ratio Lower Upper
92 100
91 176.0 140.2 210.4

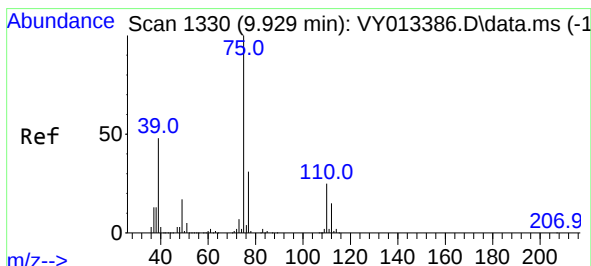
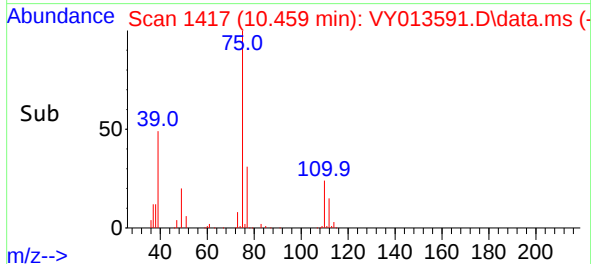
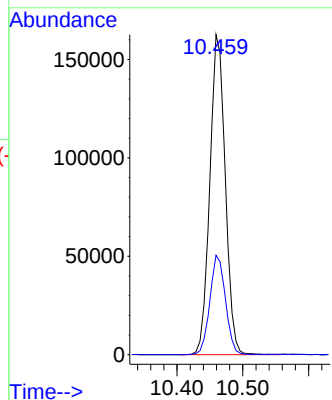
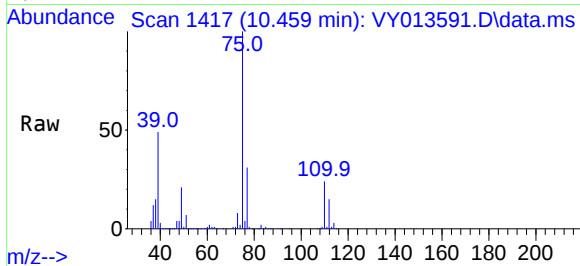




#53
 t-1,3-Dichloropropene
 Concen: 59.918 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY013591.D
 Acq: 03 May 2023 18:54

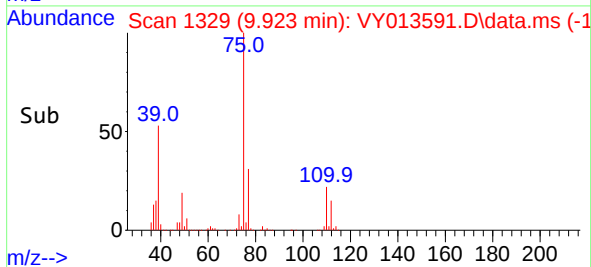
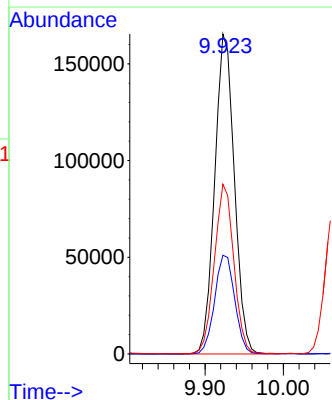
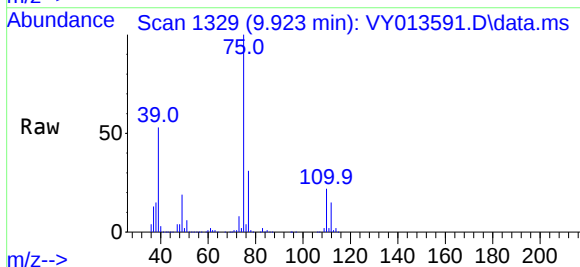
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

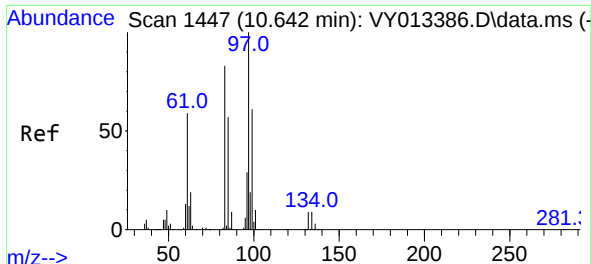
Tgt Ion: 75 Resp: 266125
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 57.739 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: VY013591.D
 Acq: 03 May 2023 18:54

Tgt Ion: 75 Resp: 288560
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.8 37.2
 39 53.0 38.1 57.1



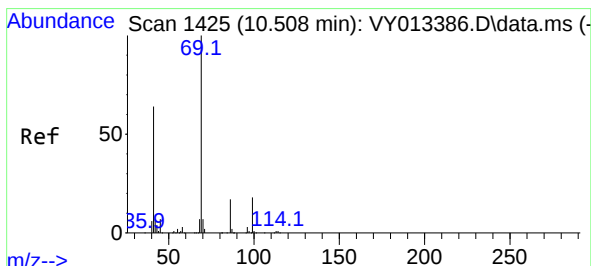
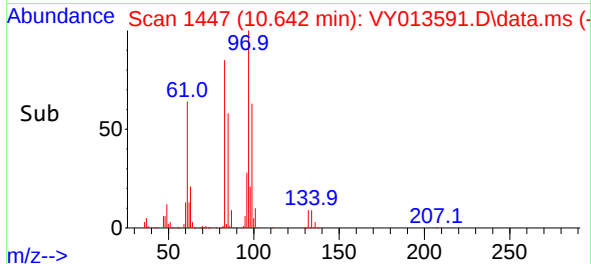
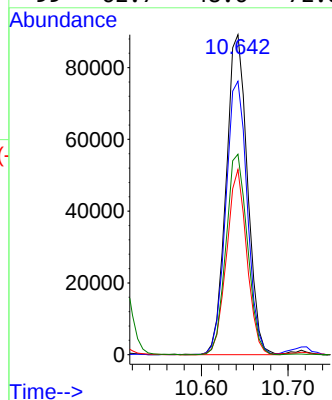
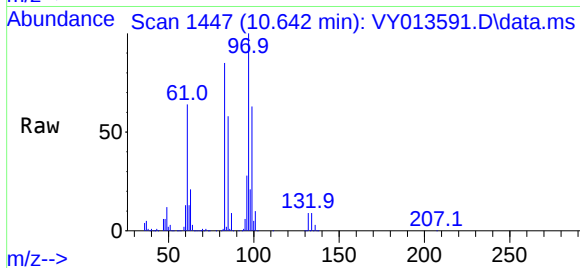


#55
1,1,2-Trichloroethane
Concen: 61.510 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 152771

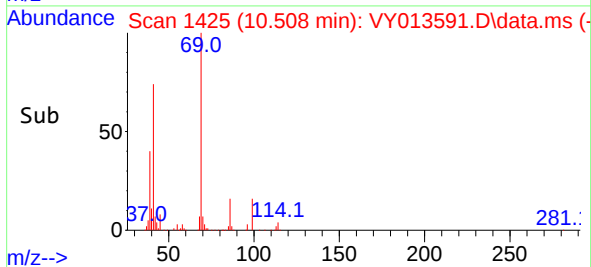
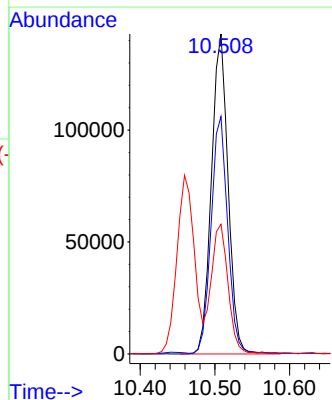
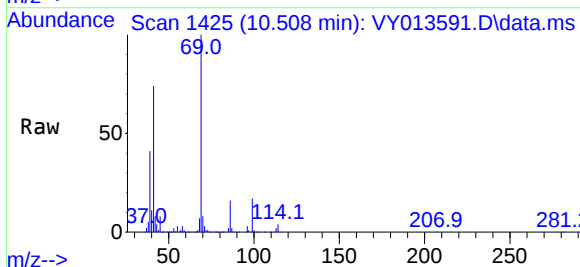
Ion	Ratio	Lower	Upper
97	100		
83	85.4	66.4	99.6
85	57.8	45.6	68.4
99	62.7	48.6	72.8

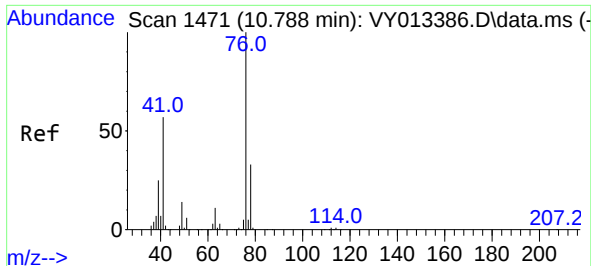


#56
Ethyl methacrylate
Concen: 64.197 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 69 Resp: 221205

Ion	Ratio	Lower	Upper
69	100		
41	73.6	51.4	77.0
39	40.9	29.0	43.6





#57

1,3-Dichloropropane

Concen: 60.214 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

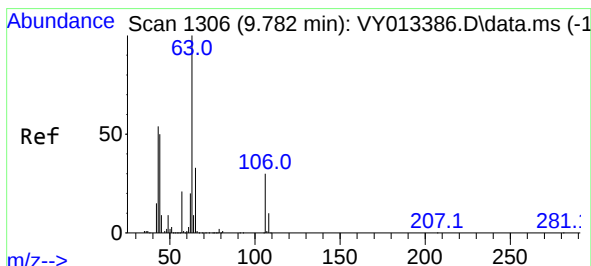
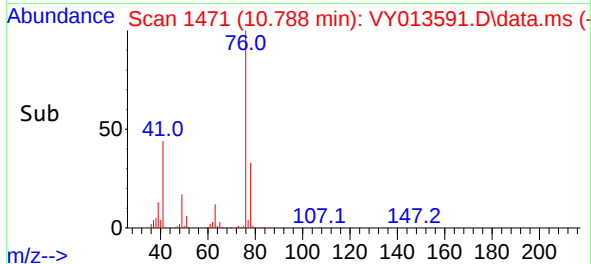
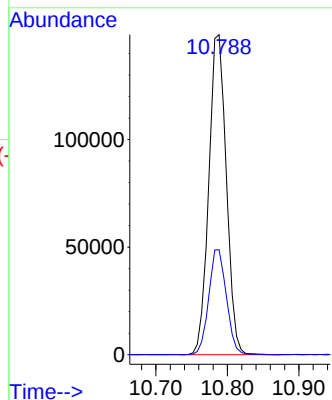
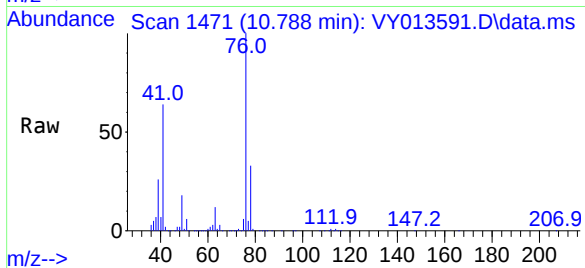
VSTDCCC050EC

Tgt Ion: 76 Resp: 253284

Ion Ratio Lower Upper

76 100

78 33.1 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 295.275 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013591.D

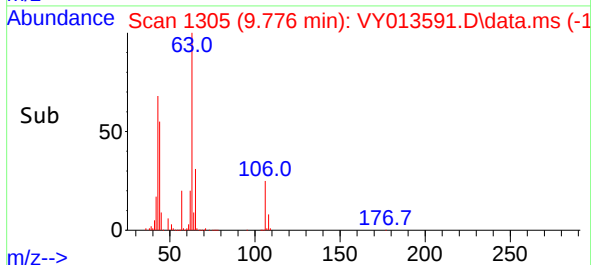
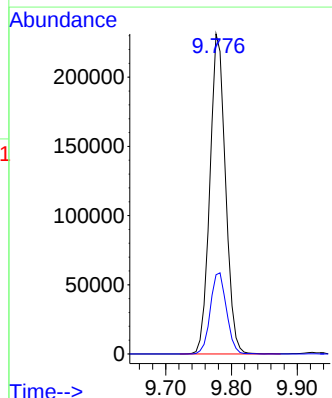
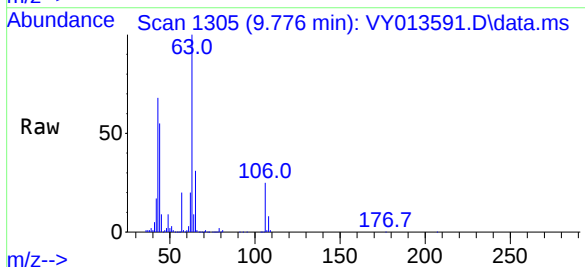
Acq: 03 May 2023 18:54

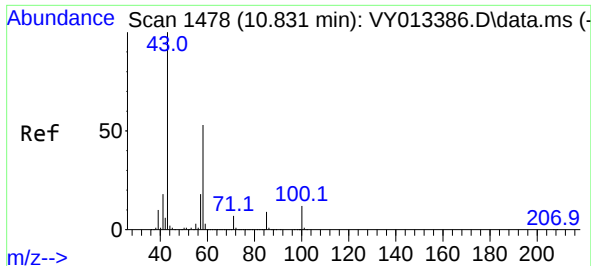
Tgt Ion: 63 Resp: 381525

Ion Ratio Lower Upper

63 100

106 26.2 23.5 35.3

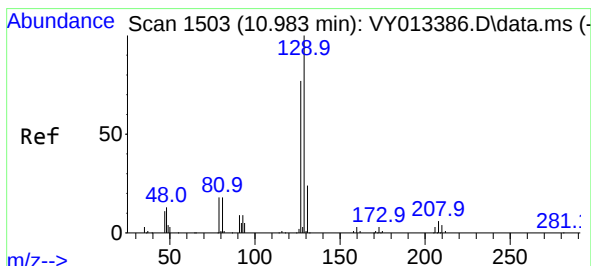
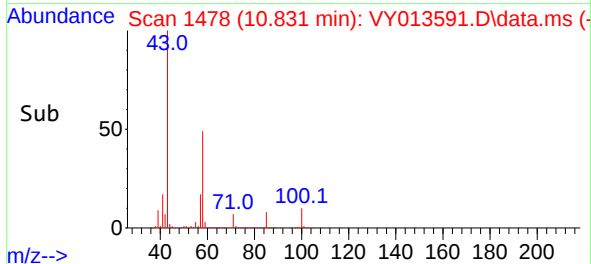
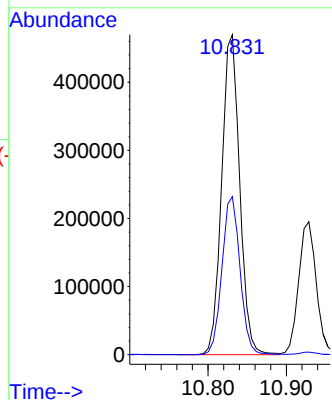
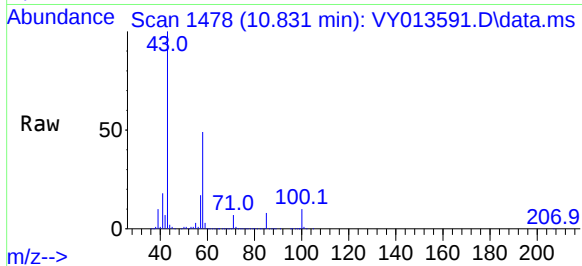




#59
2-Hexanone
Concen: 343.001 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

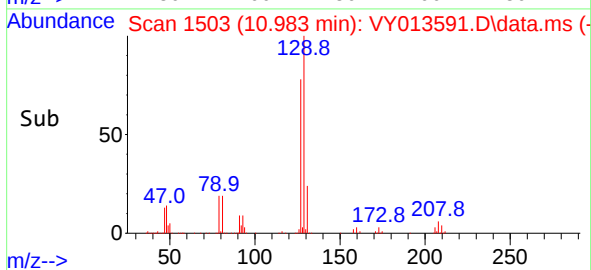
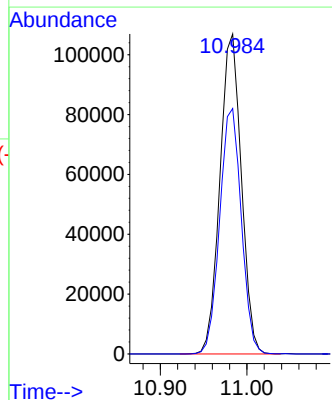
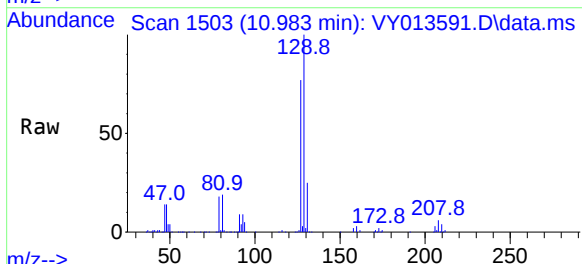
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

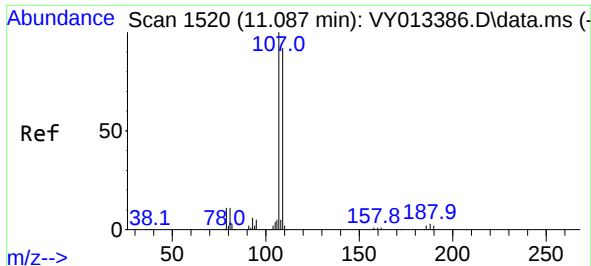
Tgt Ion: 43 Resp: 751079
Ion Ratio Lower Upper
43 100
58 49.6 26.3 78.8



#60
Dibromochloromethane
Concen: 60.873 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 129 Resp: 183579
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1

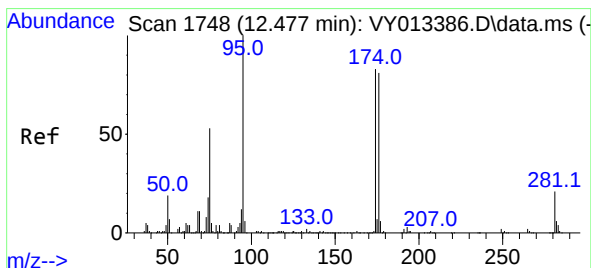
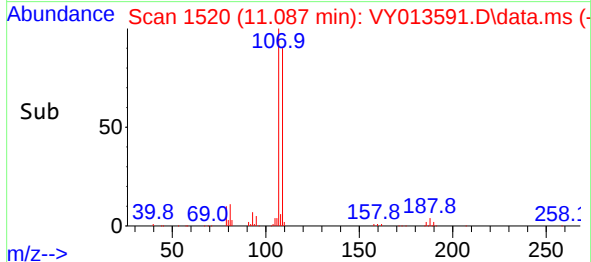
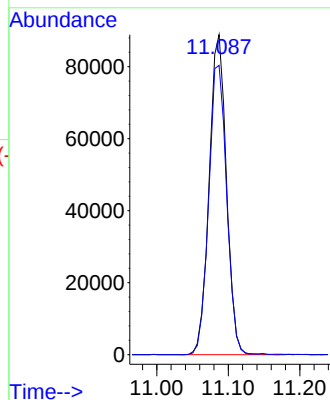
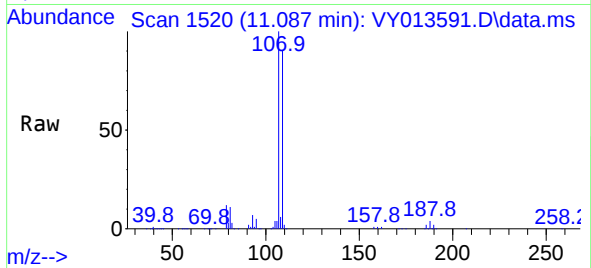




#61
1,2-Dibromoethane
Concen: 60.819 ug/l
RT: 11.087 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

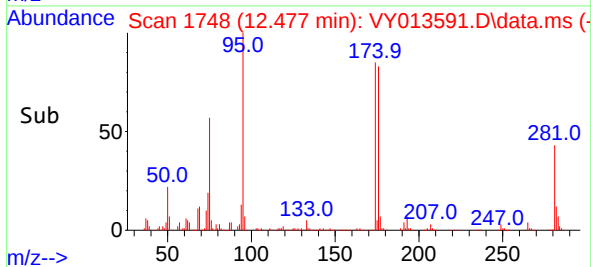
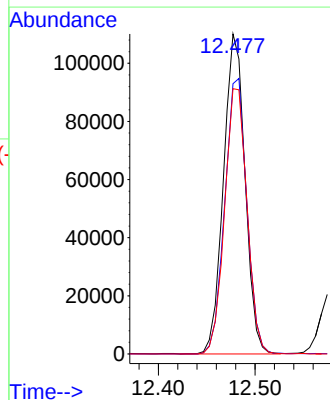
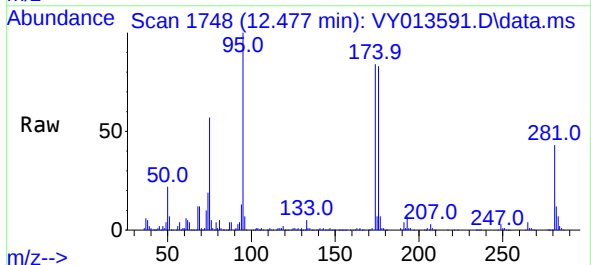
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

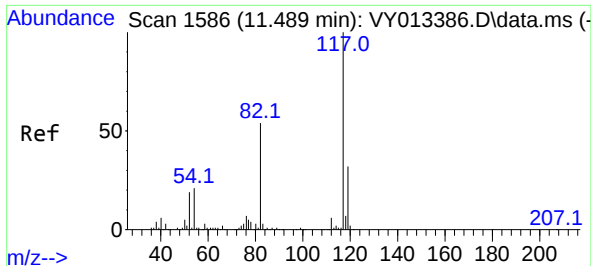
Tgt Ion:107 Resp: 148513
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.427 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 95 Resp: 170457
Ion Ratio Lower Upper
95 100
174 88.0 0.0 182.0
176 86.1 0.0 175.4



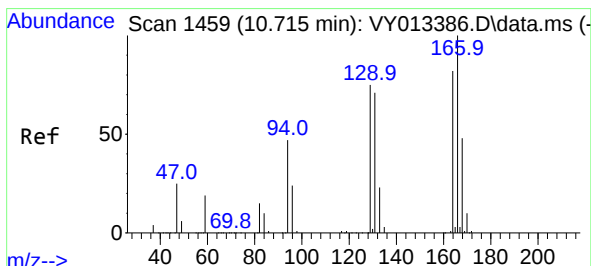
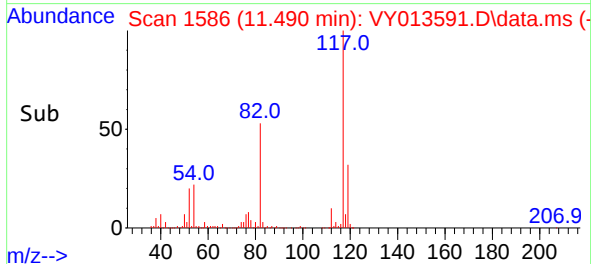
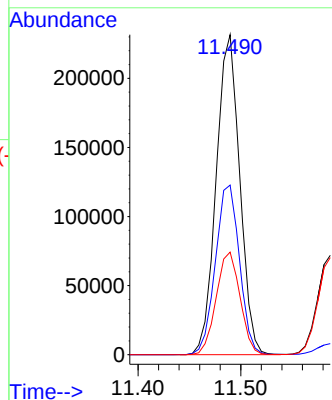
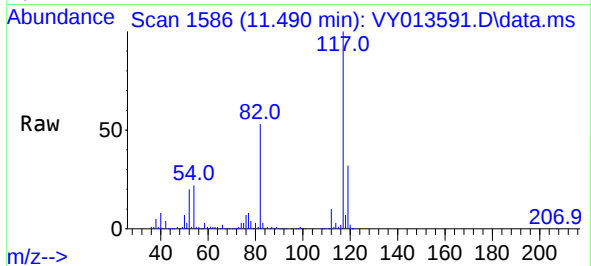


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 368284

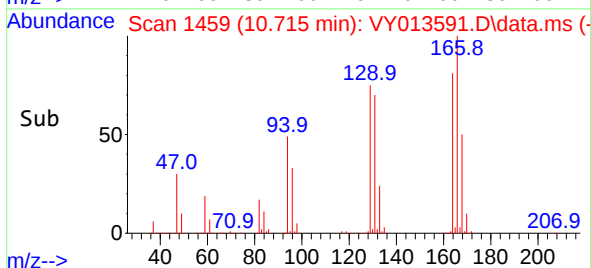
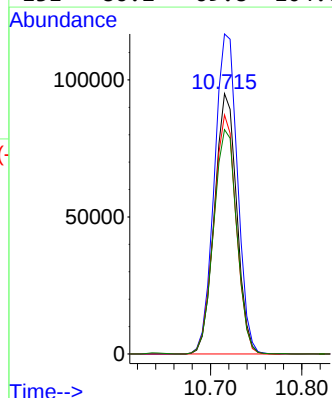
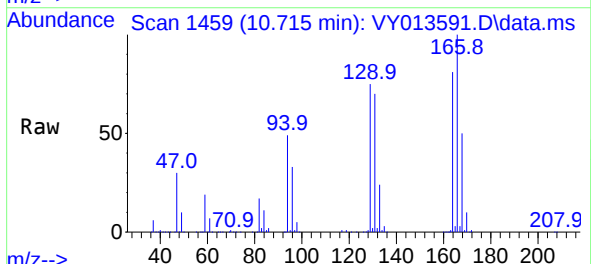
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.0	64.6
119	32.1	25.5	38.3

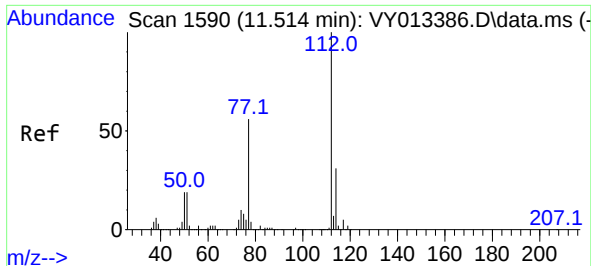


#64
Tetrachloroethene
Concen: 57.423 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:164 Resp: 160811

Ion	Ratio	Lower	Upper
164	100		
166	122.9	97.5	146.3
129	91.8	72.6	109.0
131	86.2	69.8	104.6

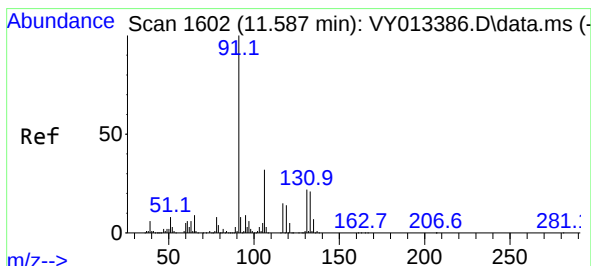
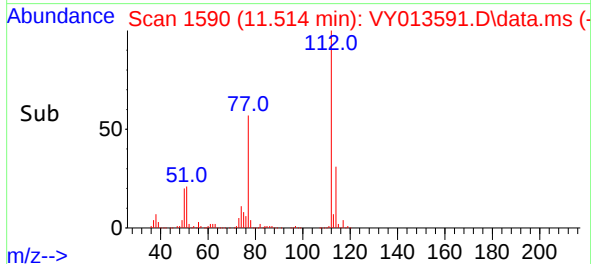
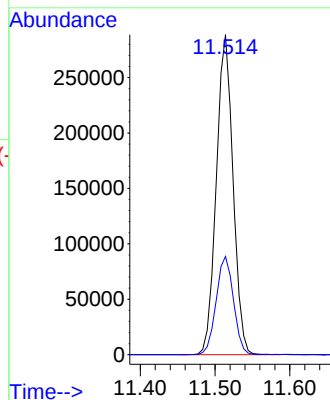
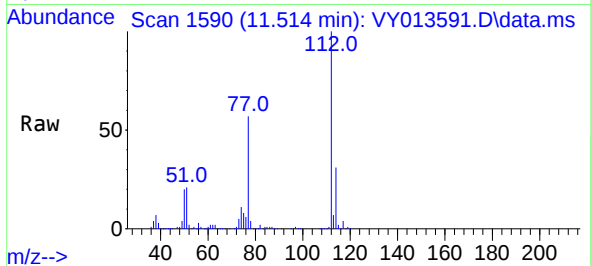




#65
Chlorobenzene
Concen: 55.932 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

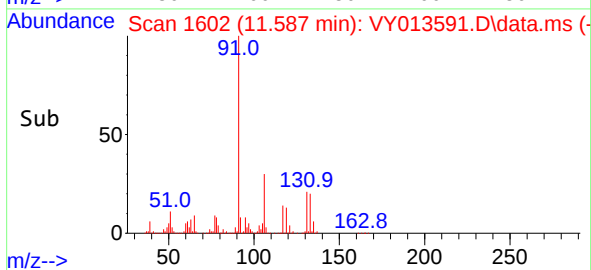
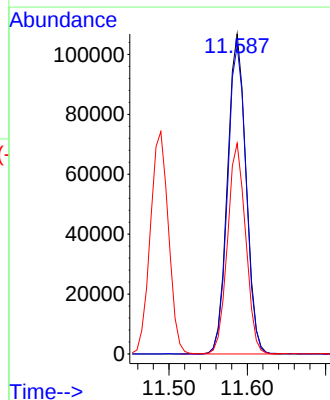
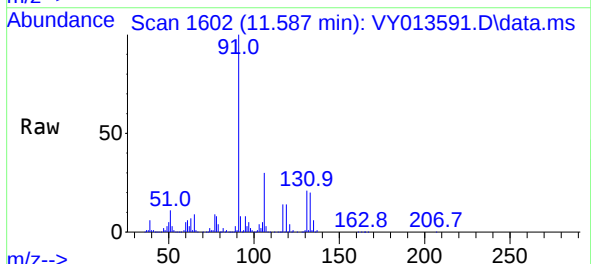
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

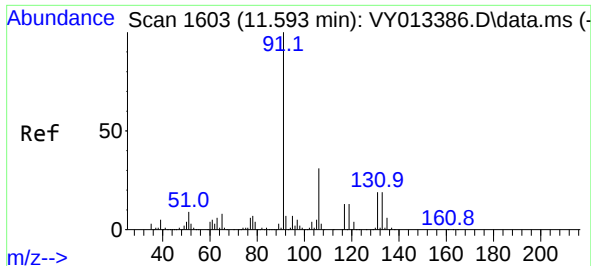
Tgt Ion:112 Resp: 448720
Ion Ratio Lower Upper
112 100
114 30.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 58.455 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:131 Resp: 175391
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 64.5 32.6 98.0





#67

Ethyl Benzene

Concen: 57.582 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013591.D

Acq: 03 May 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

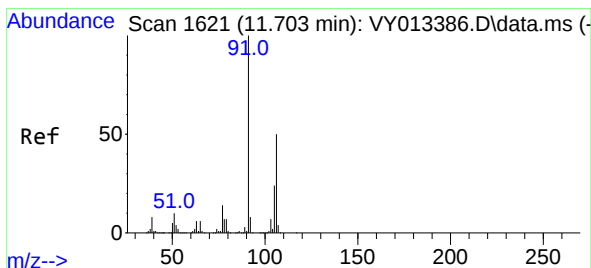
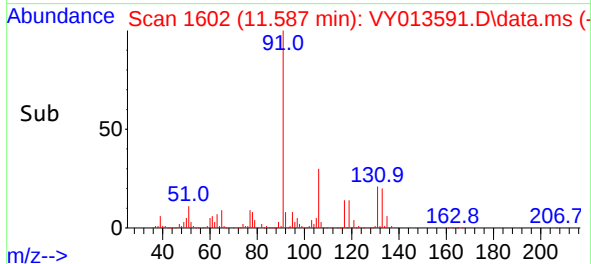
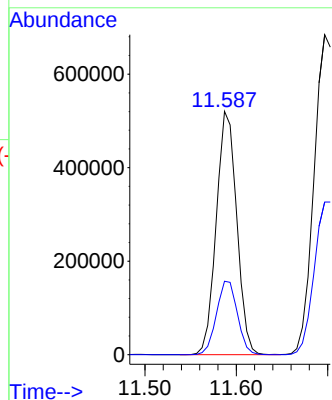
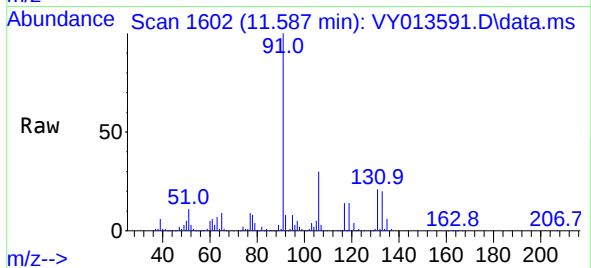
VSTDCCC050EC

Tgt Ion: 91 Resp: 811206

Ion Ratio Lower Upper

91 100

106 30.2 25.1 37.7



#68

m/p-Xylenes

Concen: 114.510 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013591.D

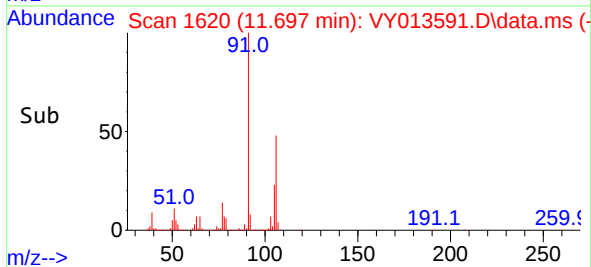
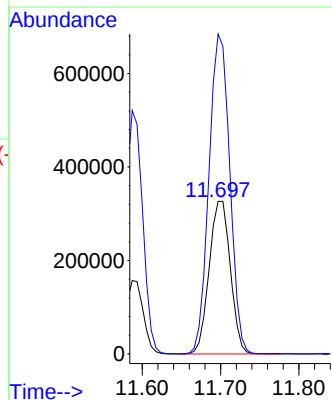
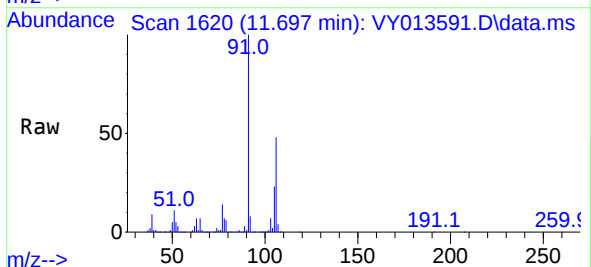
Acq: 03 May 2023 18:54

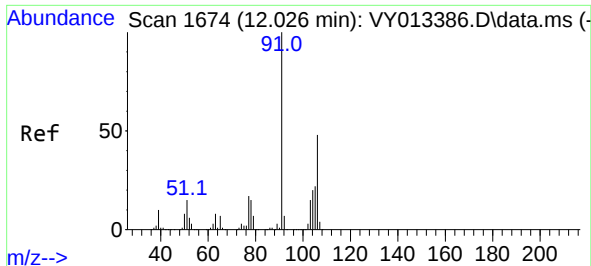
Tgt Ion:106 Resp: 613261

Ion Ratio Lower Upper

106 100

91 206.4 160.9 241.3

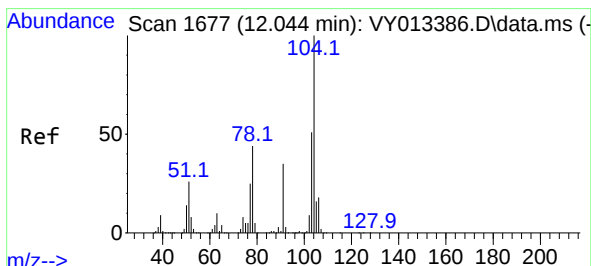
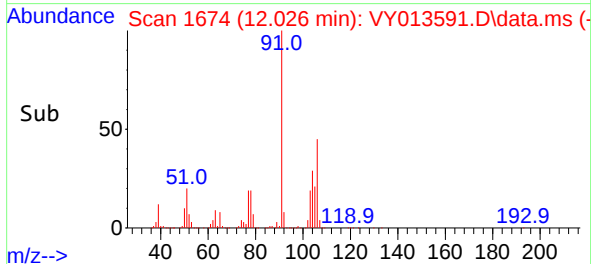
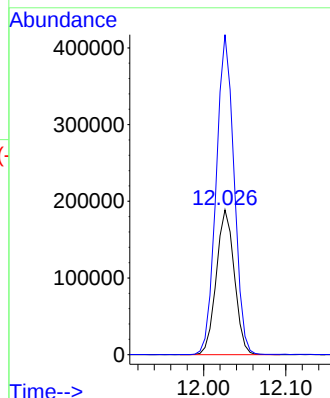
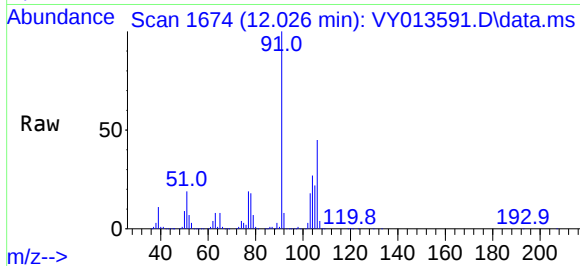




#69
o-Xylene
Concen: 56.949 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

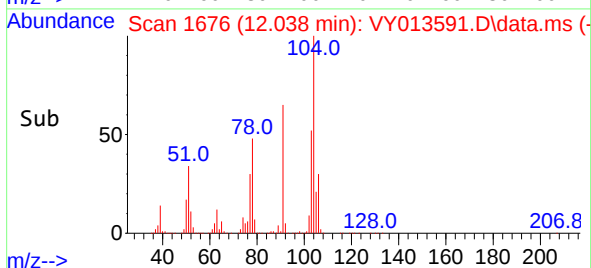
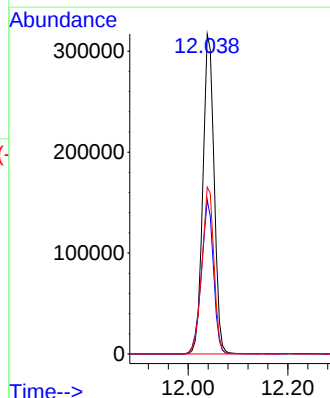
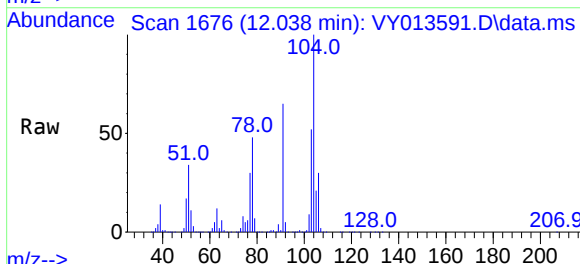
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

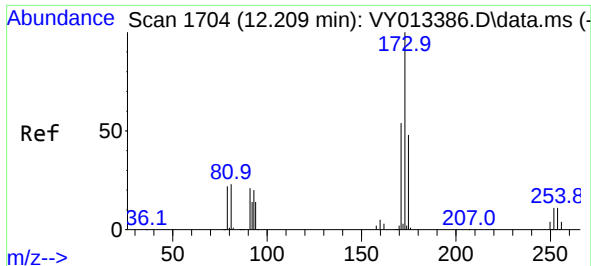
Tgt Ion:106 Resp: 288443
Ion Ratio Lower Upper
106 100
91 218.8 105.5 316.4



#70
Styrene
Concen: 58.745 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:104 Resp: 497494
Ion Ratio Lower Upper
104 100
78 51.4 40.3 60.5
103 56.0 45.0 67.4

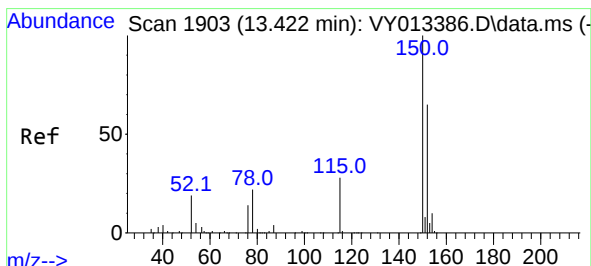
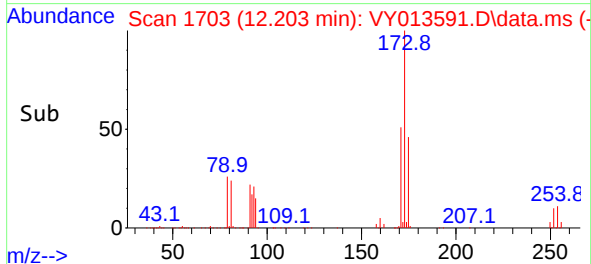
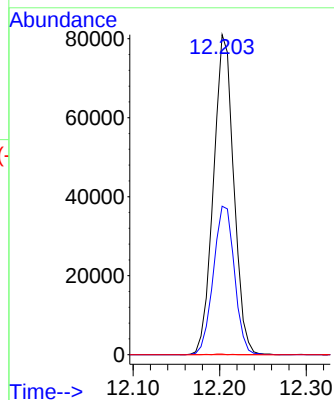
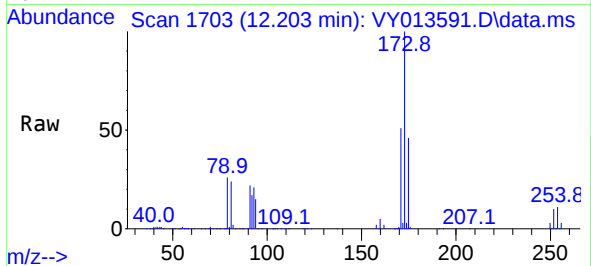




#71
Bromoform
Concen: 62.625 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

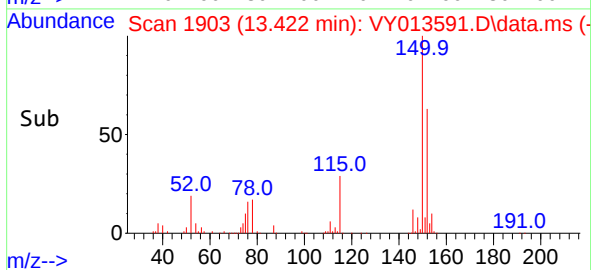
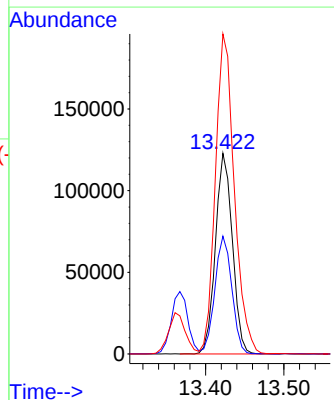
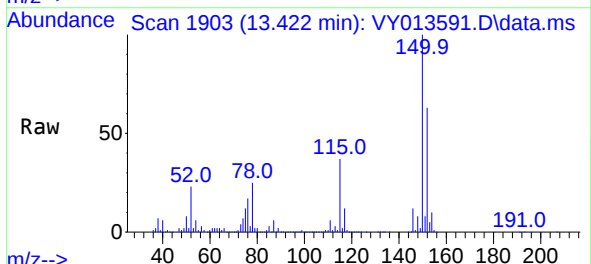
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

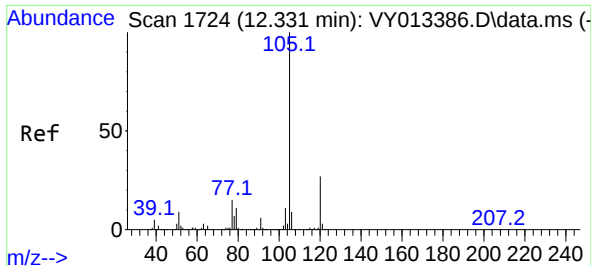
Tgt Ion:173 Resp: 131615
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:152 Resp: 184795
Ion Ratio Lower Upper
152 100
115 58.9 28.1 84.2
150 178.3 0.0 352.0

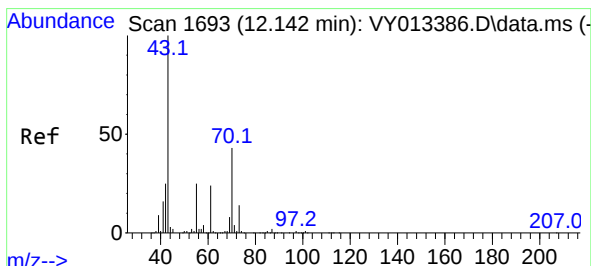
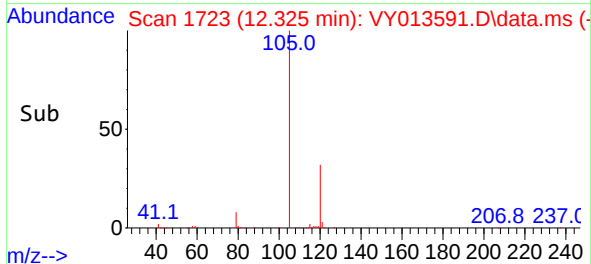
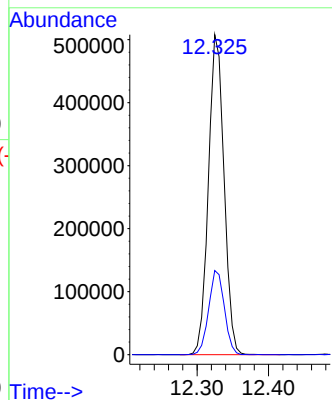
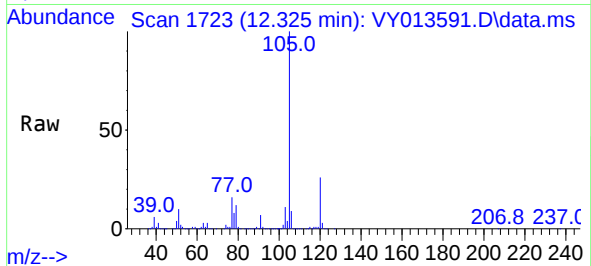




#73
Isopropylbenzene
Concen: 55.065 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

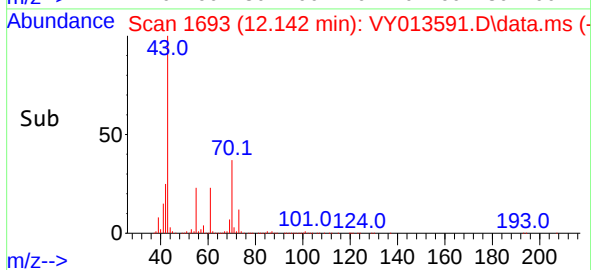
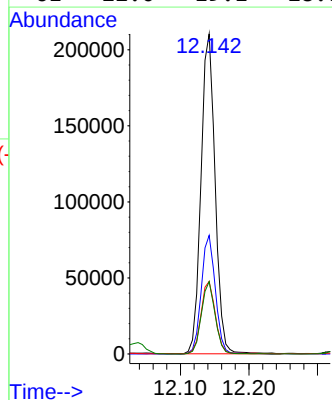
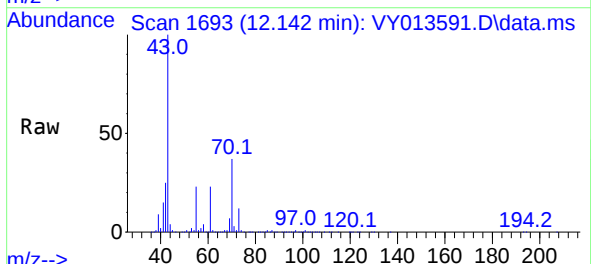
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

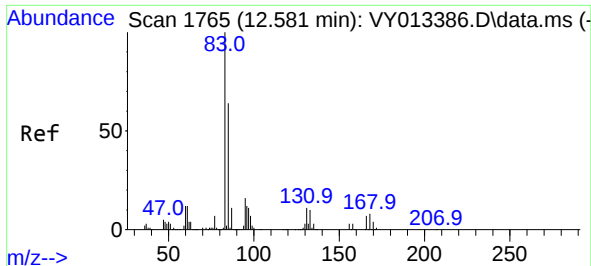
Tgt Ion:105 Resp: 769651
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.0



#74
N-ethyl acetate
Concen: 60.761 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 43 Resp: 302219
Ion Ratio Lower Upper
43 100
70 36.9 33.0 49.4
55 22.9 19.8 29.6
61 22.0 19.1 28.7

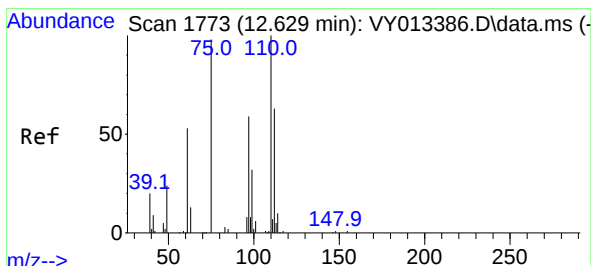
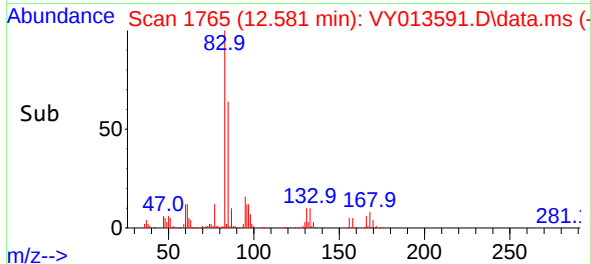
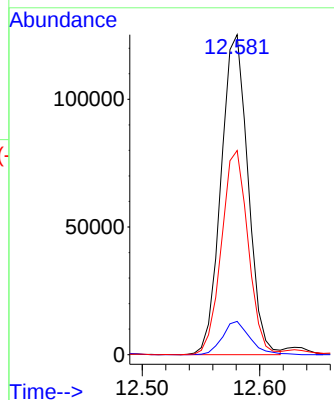
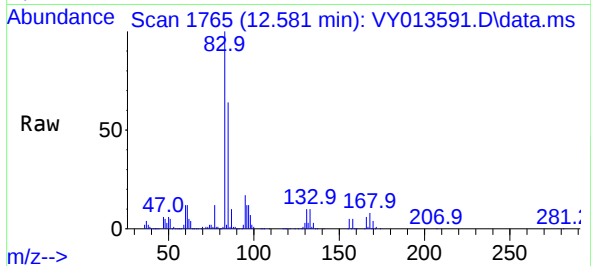




#75
1,1,2,2-Tetrachloroethane
Concen: 58.505 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

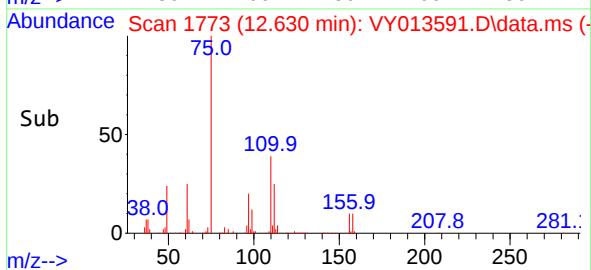
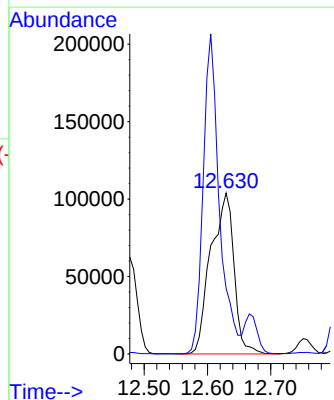
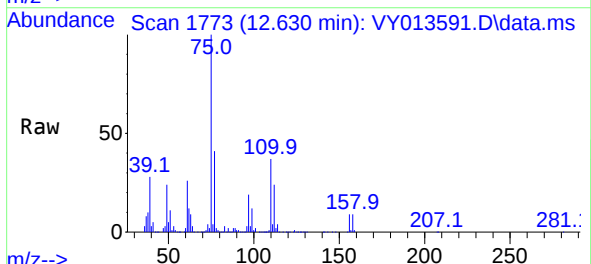
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

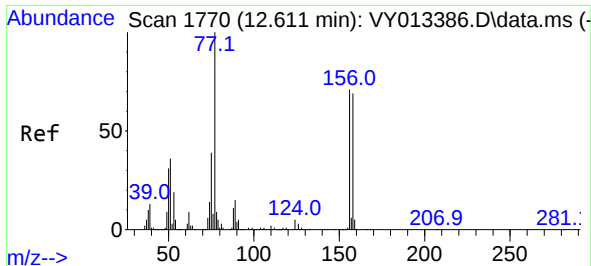
Tgt Ion: 83 Resp: 199877
Ion Ratio Lower Upper
83 100
131 10.6 5.7 17.0
85 63.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 106.034 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 75 Resp: 264257
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

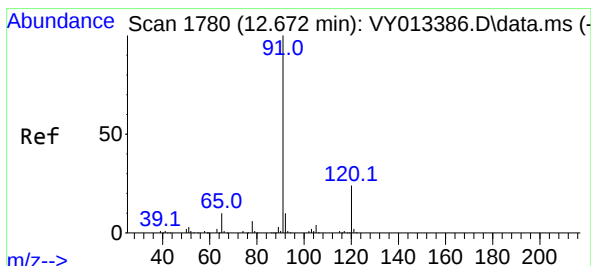
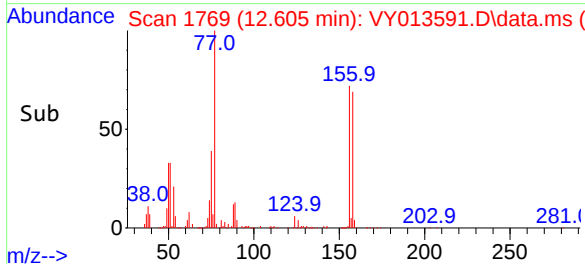
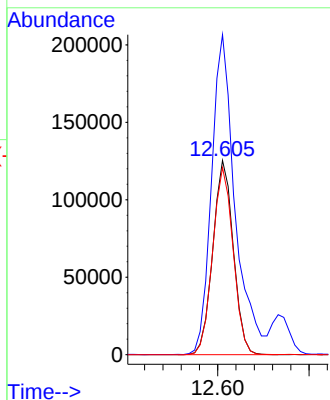
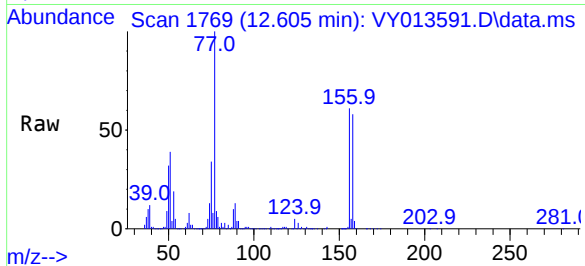




#77
Bromobenzene
Concen: 57.456 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

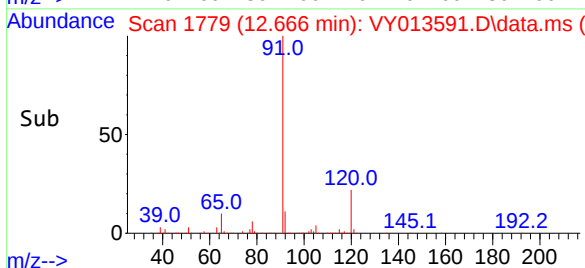
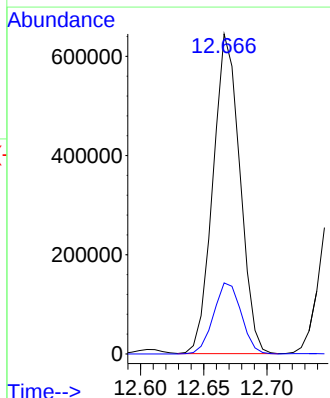
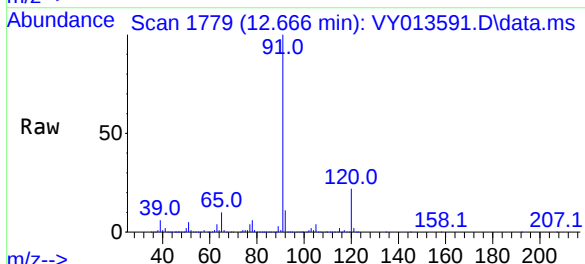
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

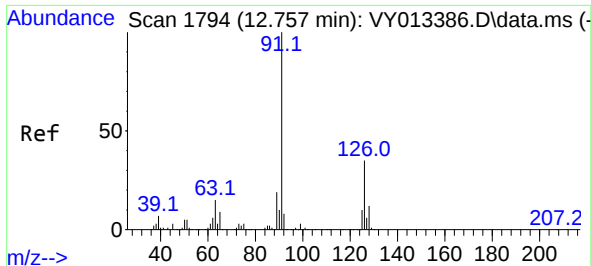
Tgt Ion:156 Resp: 194589
Ion Ratio Lower Upper
156 100
77 188.1 87.6 262.9
158 97.0 48.5 145.5



#78
n-propylbenzene
Concen: 55.314 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 91 Resp: 952296
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9

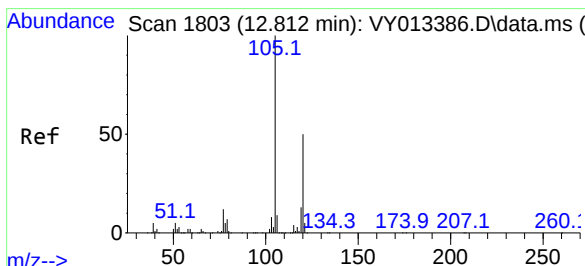
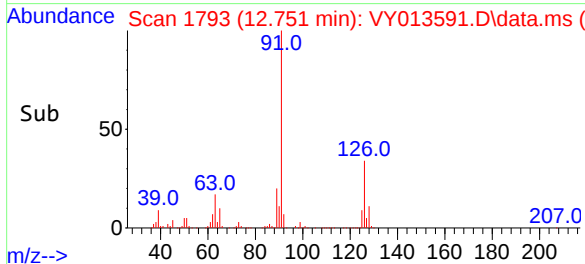
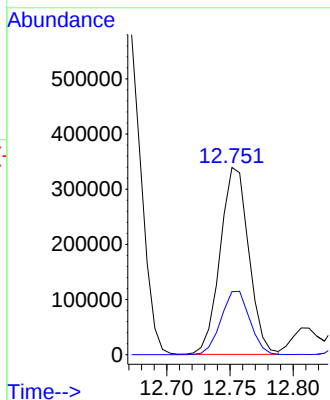
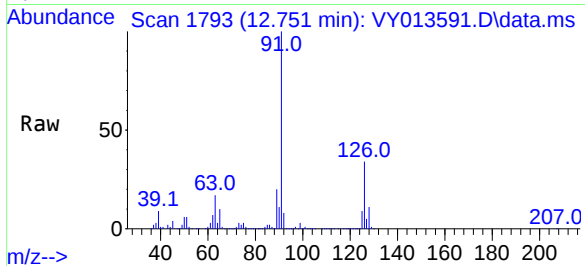




#79
2-Chlorotoluene
Concen: 55.512 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

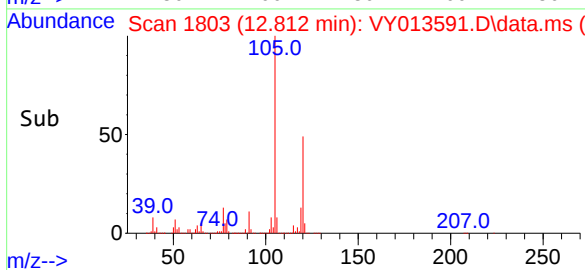
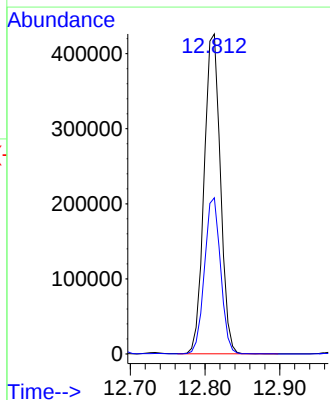
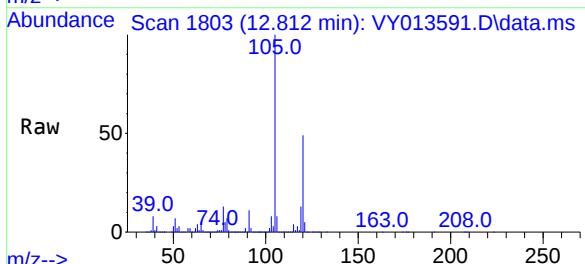
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

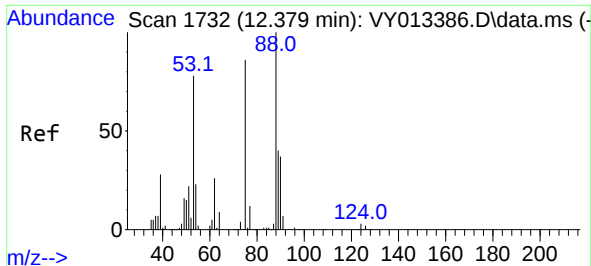
Tgt Ion: 91 Resp: 533696
Ion Ratio Lower Upper
91 100
126 34.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 56.512 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:105 Resp: 644700
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1

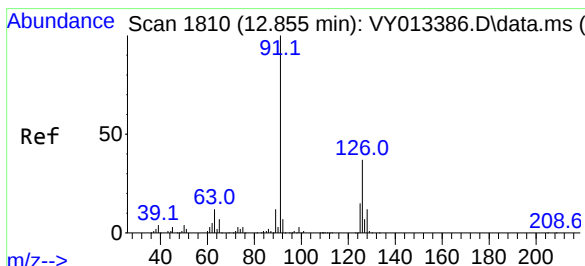
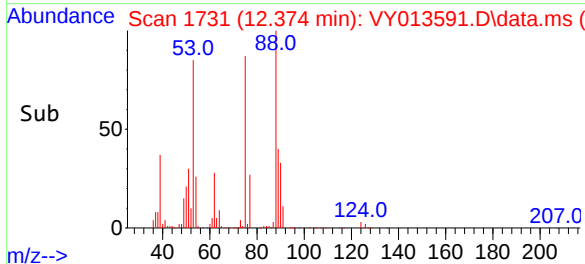
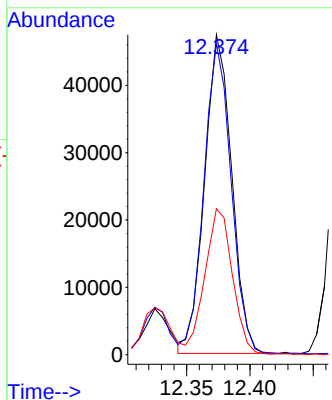
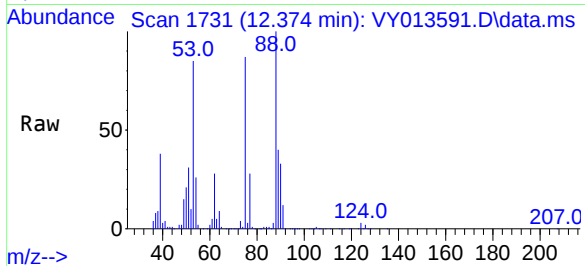




#81
trans-1,4-Dichloro-2-butene
Concen: 57.971 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

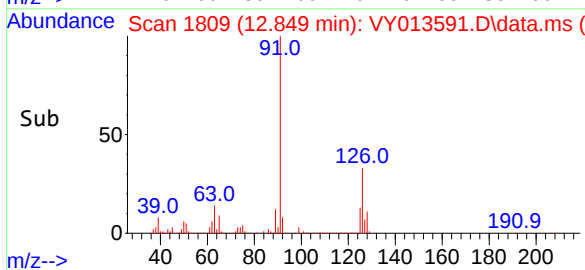
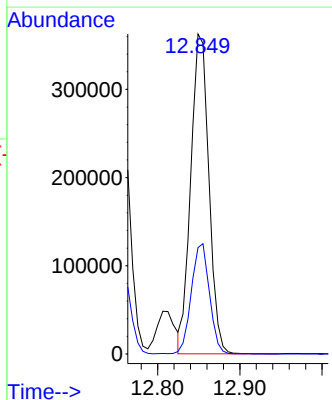
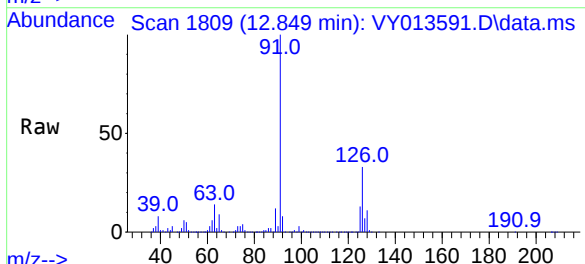
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

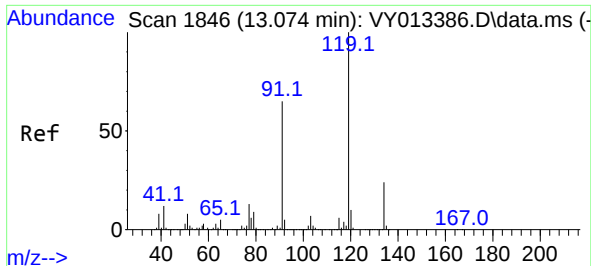
Tgt Ion: 75 Resp: 70629
Ion Ratio Lower Upper
75 100
53 98.5 73.2 109.8
89 46.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 55.258 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 91 Resp: 553718
Ion Ratio Lower Upper
91 100
126 34.6 17.9 53.8

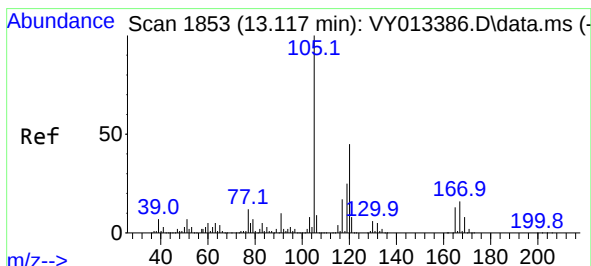
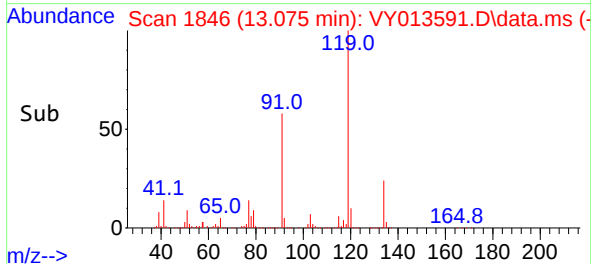
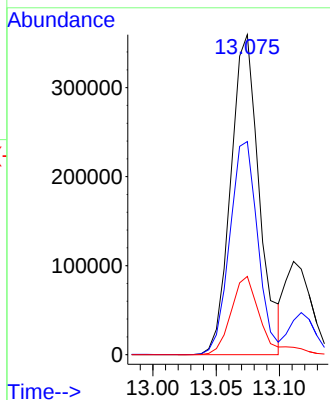
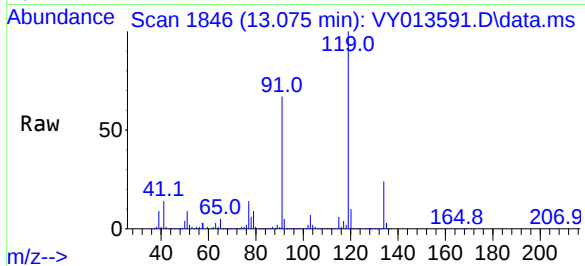




#83
tert-Butylbenzene
Concen: 57.079 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

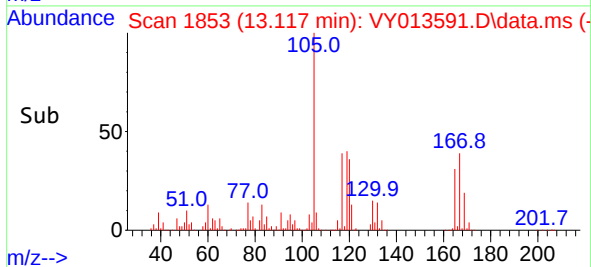
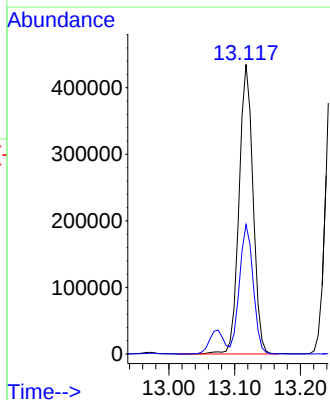
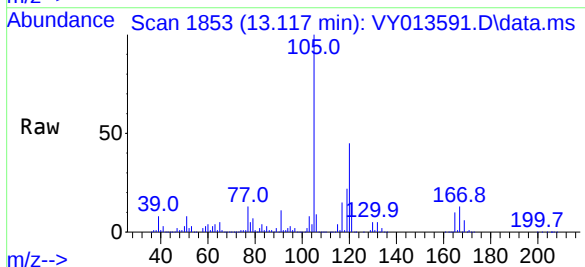
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

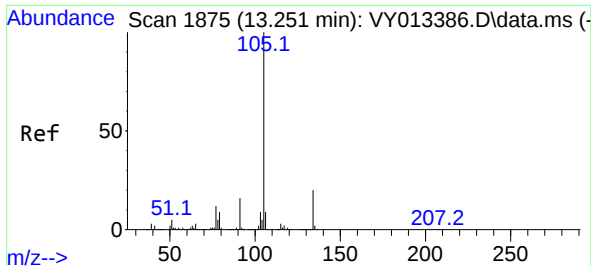
Tgt Ion:119 Resp: 564145
Ion Ratio Lower Upper
119 100
91 65.4 32.2 96.6
134 25.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 57.903 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:105 Resp: 642231
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.9

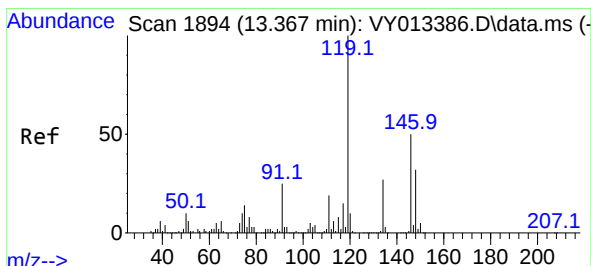
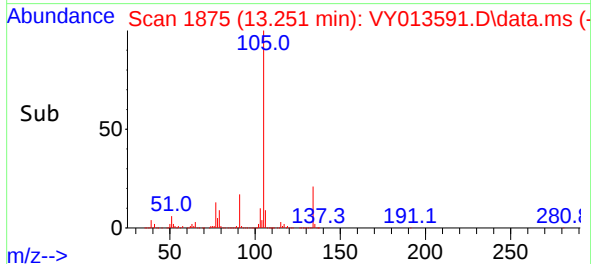
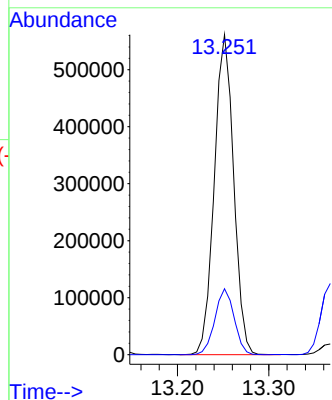
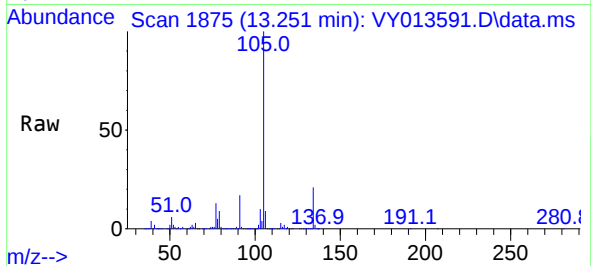




#85
 sec-Butylbenzene
 Concen: 55.646 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013591.D
 Acq: 03 May 2023 18:54

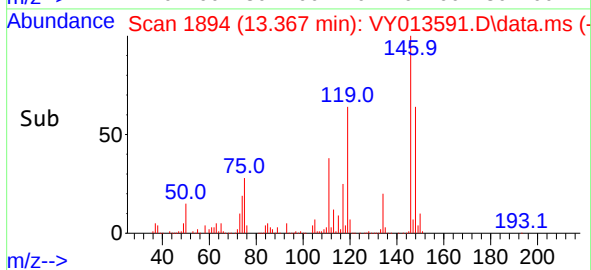
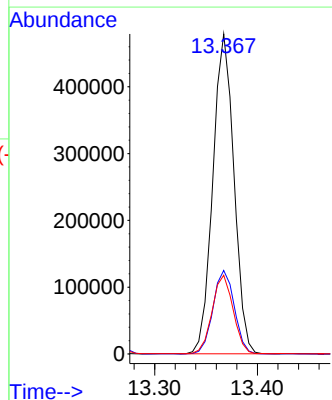
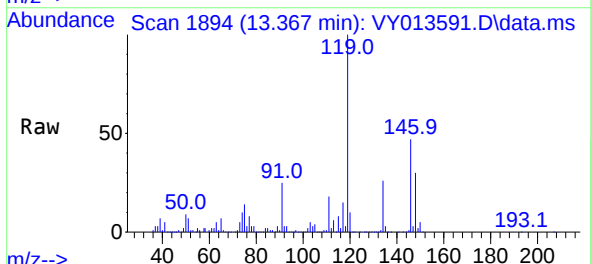
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

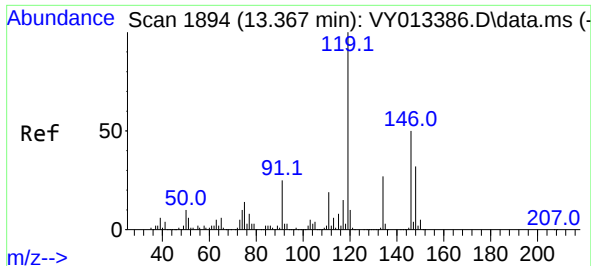
Tgt Ion:105 Resp: 825433
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 57.240 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013591.D
 Acq: 03 May 2023 18:54

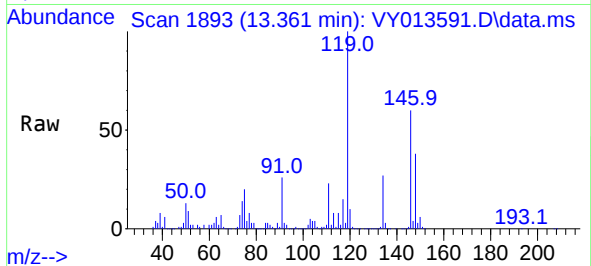
Tgt Ion:119 Resp: 682799
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 24.4 12.1 36.3



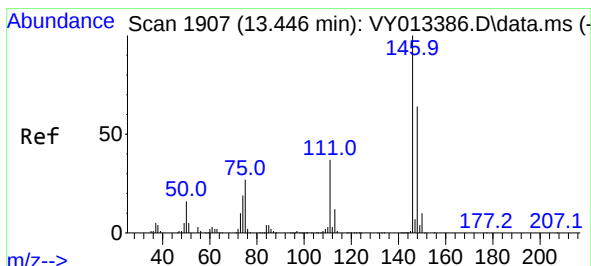
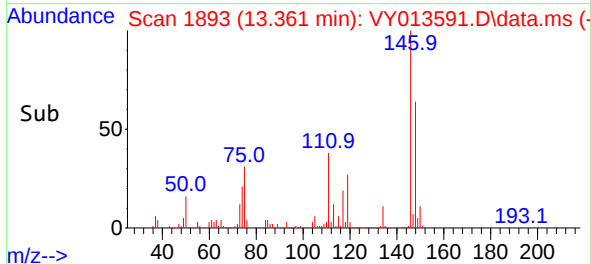
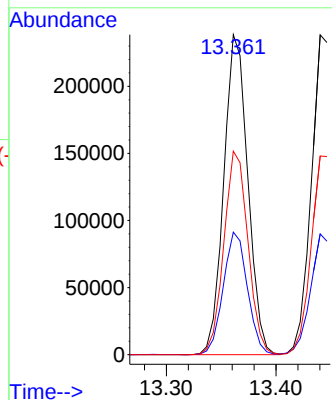


#87
1,3-Dichlorobenzene
Concen: 56.275 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

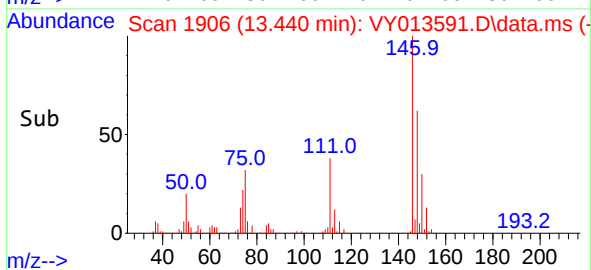
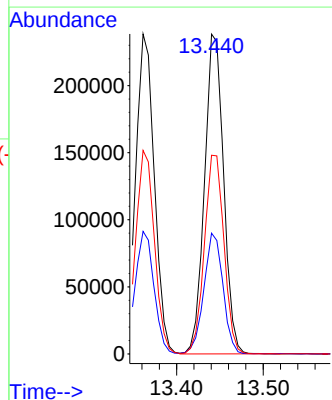
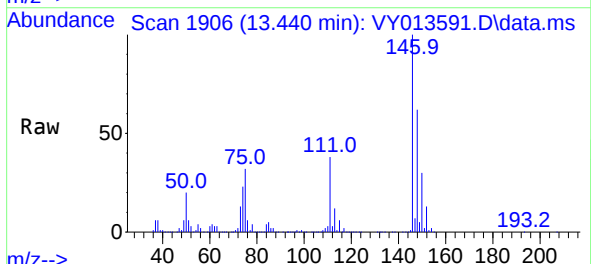


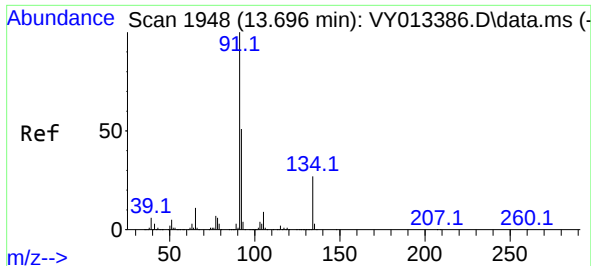
Tgt Ion:146 Resp: 363102
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 55.956 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:146 Resp: 364712
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.5
148 63.9 31.9 95.5

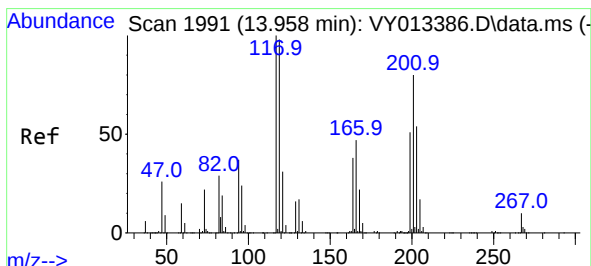
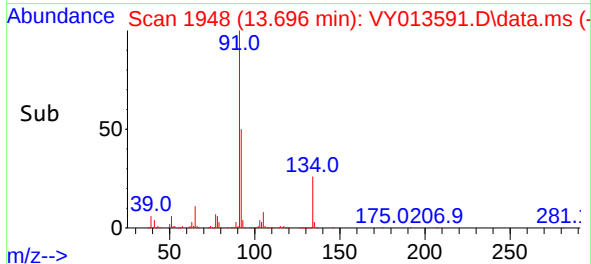
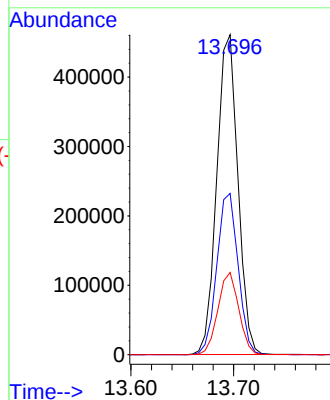
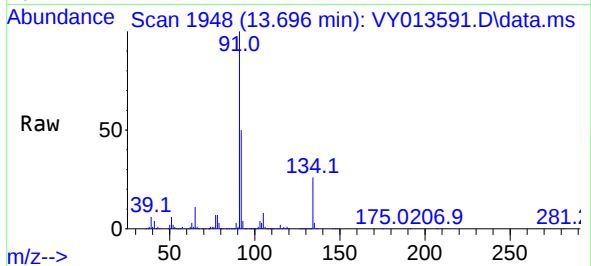




#89
n-Butylbenzene
Concen: 56.547 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

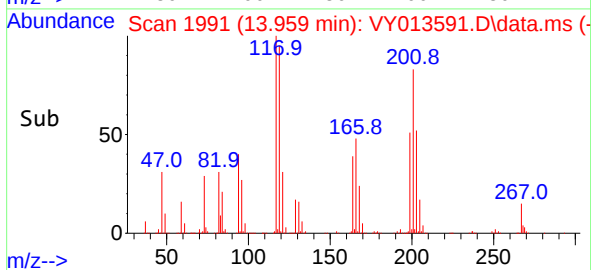
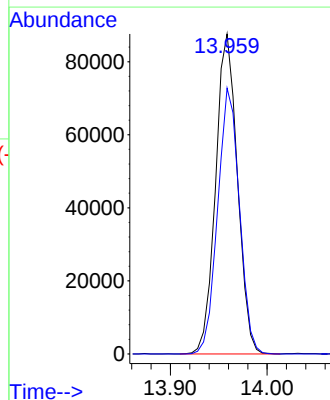
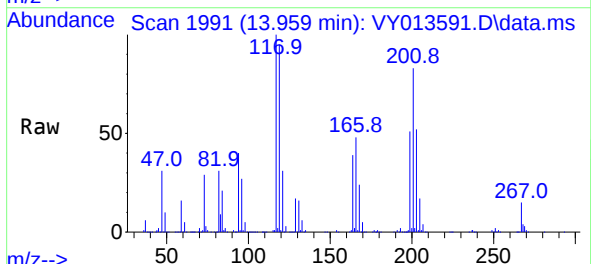
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

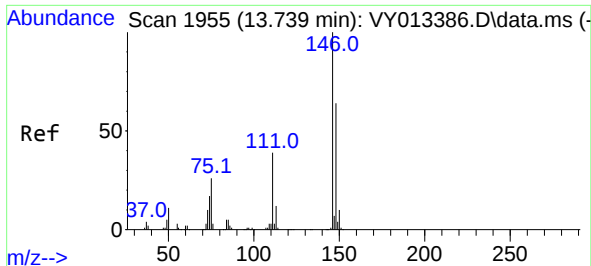
Tgt Ion: 91 Resp: 658353
Ion Ratio Lower Upper
91 100
92 50.8 25.8 77.3
134 25.4 13.5 40.4



#90
Hexachloroethane
Concen: 54.604 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 117 Resp: 137089
Ion Ratio Lower Upper
117 100
201 82.7 41.6 124.8

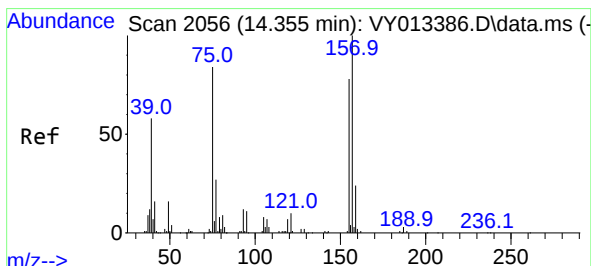
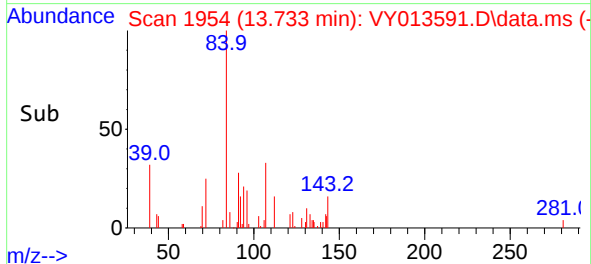
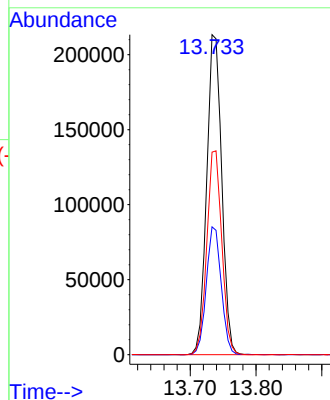
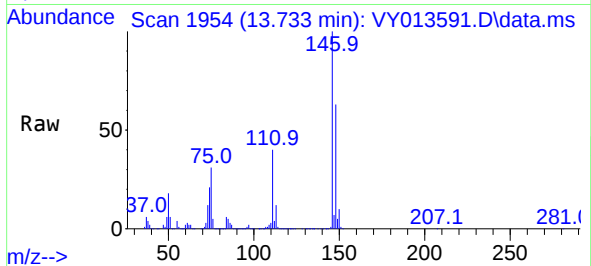




#91
1,2-Dichlorobenzene
Concen: 58.141 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

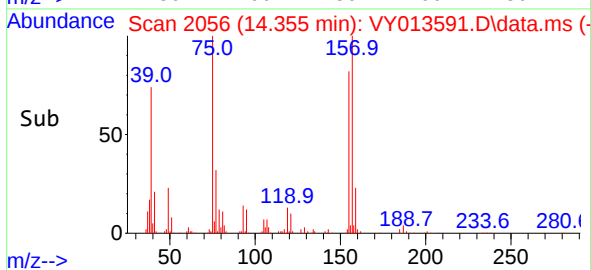
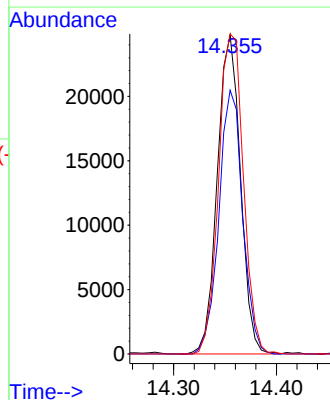
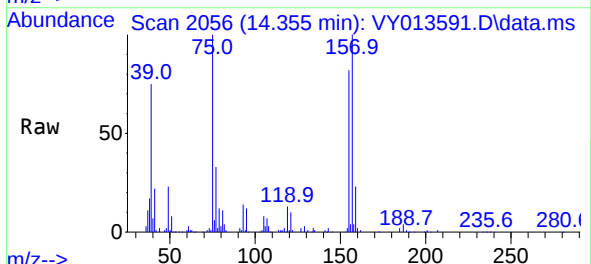
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

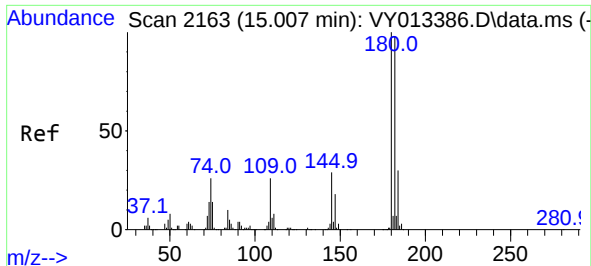
Tgt Ion:146 Resp: 338768
Ion Ratio Lower Upper
146 100
111 39.7 19.8 59.4
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 64.049 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion: 75 Resp: 38646
Ion Ratio Lower Upper
75 100
155 84.8 44.6 134.0
157 107.7 57.6 172.7

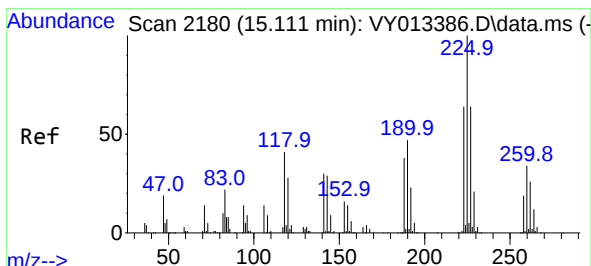
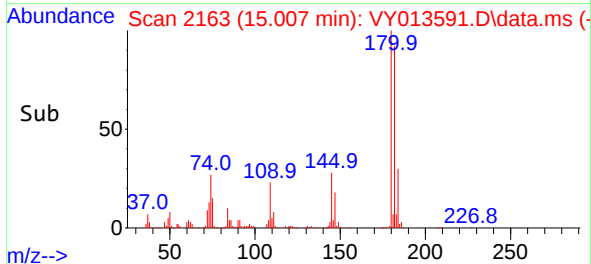
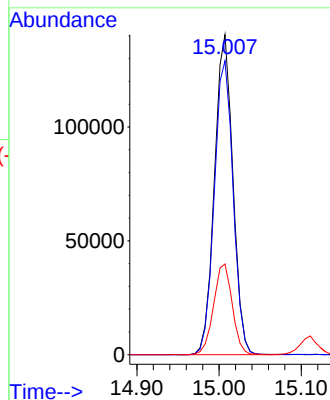
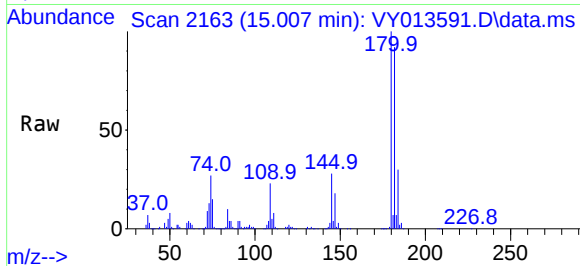




#93
1,2,4-Trichlorobenzene
Concen: 63.018 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

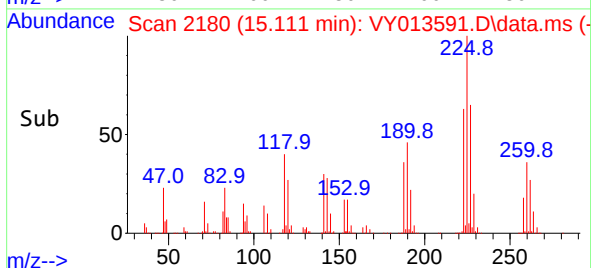
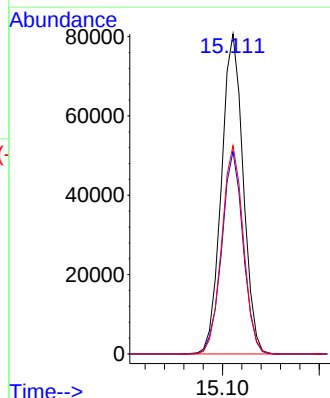
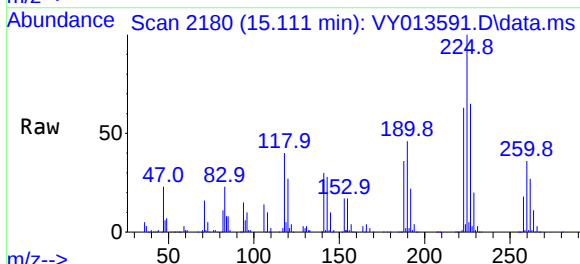
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

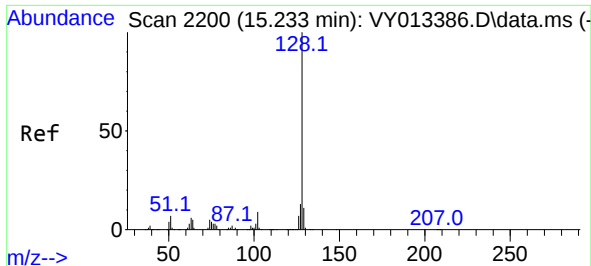
Tgt Ion:180 Resp: 218915
Ion Ratio Lower Upper
180 100
182 93.7 48.5 145.5
145 28.8 15.0 45.0



#94
Hexachlorobutadiene
Concen: 62.169 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:225 Resp: 125690
Ion Ratio Lower Upper
225 100
223 62.2 31.4 94.2
227 64.5 32.0 96.0

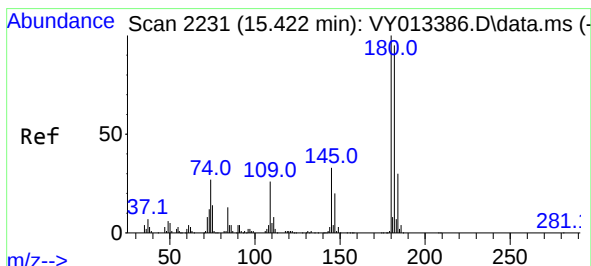
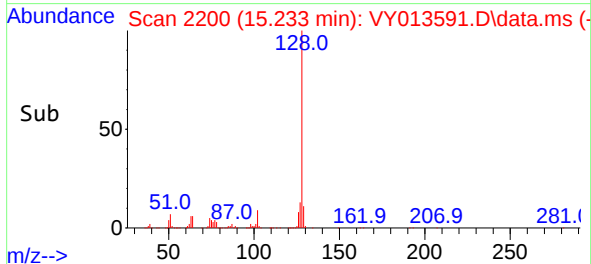
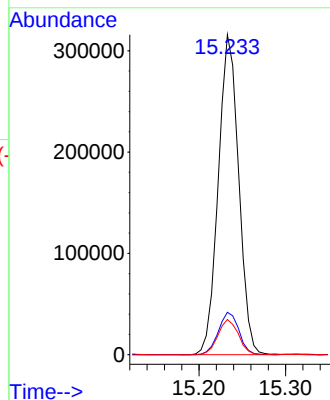
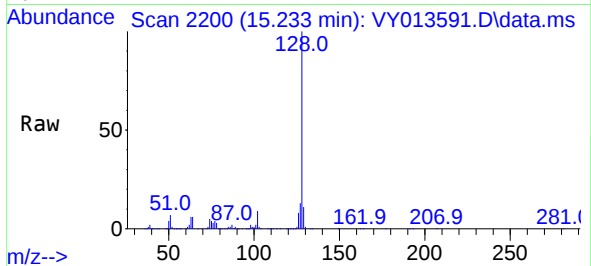




#95
Naphthalene
Concen: 68.619 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 517204
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 64.264 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013591.D
Acq: 03 May 2023 18:54

Tgt Ion:180 Resp: 198977
Ion Ratio Lower Upper
180 100
182 96.1 47.1 141.3
145 31.2 15.9 47.7

