

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042823\
 Data File : VY013513.D
 Acq On : 28 Apr 2023 09:40
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 28 15:18:45 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	7.795	168	296316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	445675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	404985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	200637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	166236	51.177	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.722	113	148055	52.818	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.640%	
50) Toluene-d8	10.179	98	519525	52.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.200%	
62) 4-Bromofluorobenzene	12.483	95	182056	54.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	156337	55.497	ug/l	98
3) Chloromethane	2.113	50	175452	46.465	ug/l	98
4) Vinyl Chloride	2.253	62	174865	46.510	ug/l	99
5) Bromomethane	2.656	94	126149	42.104	ug/l	97
6) Chloroethane	2.796	64	110823	42.667	ug/l	97
7) Trichlorofluoromethane	3.131	101	291753	51.224	ug/l	100
8) Diethyl Ether	3.534	74	94223	48.580	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	160439	50.219	ug/l	97
10) Methyl Iodide	4.095	142	198729	49.526	ug/l	97
11) Tert butyl alcohol	4.985	59	81135	221.835	ug/l	100
12) 1,1-Dichloroethene	3.881	96	150809	48.971	ug/l	93
13) Acrolein	3.741	56	52742	183.475	ug/l	99
14) Allyl chloride	4.485	41	275432	48.202	ug/l	97
15) Acrylonitrile	5.174	53	273767	252.034	ug/l	99
16) Acetone	3.960	43	350704	274.158	ug/l	97
17) Carbon Disulfide	4.198	76	484411	48.424	ug/l	99
18) Methyl Acetate	4.485	43	201803	47.765	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	447553	50.340	ug/l	98
20) Methylene Chloride	4.716	84	193980	48.098	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	173487	51.524	ug/l	98
22) Diisopropyl ether	6.119	45	586476	52.511	ug/l	94
23) Vinyl Acetate	6.064	43	1813146	286.723	ug/l	97
24) 1,1-Dichloroethane	6.021	63	317976	51.083	ug/l	98
25) 2-Butanone	6.990	43	419048	258.303	ug/l	95
26) 2,2-Dichloropropane	6.984	77	280691	52.331	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	193978	52.141	ug/l	95
28) Bromochloromethane	7.338	49	113210	51.252	ug/l	82
29) Tetrahydrofuran	7.356	42	250068	247.628	ug/l	92
30) Chloroform	7.509	83	333284	53.852	ug/l	97
31) Cyclohexane	7.789	56	278423	47.874	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	296162	53.627	ug/l	98
36) 1,1-Dichloropropene	7.923	75	249347	53.599	ug/l	97
37) Ethyl Acetate	7.076	43	175515	50.135	ug/l	97
38) Carbon Tetrachloride	7.905	117	274222	56.239	ug/l	98
39) Methylcyclohexane	9.185	83	288385	52.583	ug/l	96
40) Benzene	8.161	78	717252	54.733	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	89638	54.946	ug/l	96
42) 1,2-Dichloroethane	8.240	62	239591	55.923	ug/l	98
43) Isopropyl Acetate	8.277	43	298983	50.597	ug/l	99
44) Trichloroethene	8.941	130	186414	53.478	ug/l	98
45) 1,2-Dichloropropane	9.216	63	187302	54.665	ug/l	100
46) Dibromomethane	9.307	93	110447	53.873	ug/l	97
47) Bromodichloromethane	9.496	83	259830	56.640	ug/l	99
48) Methyl methacrylate	9.295	41	141994	52.322	ug/l	95
49) 1,4-Dioxane	9.319	88	31032	1059.837	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	886557	269.239	ug/l	96
52) Toluene	10.246	92	437023	55.418	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	271011	55.821	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	296028	54.187	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	150654	55.490	ug/l	96
56) Ethyl methacrylate	10.514	69	211578	56.172	ug/l	91
57) 1,3-Dichloropropane	10.789	76	254354	55.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	357800	253.325	ug/l	94
59) 2-Hexanone	10.831	43	683600	285.592	ug/l	97
60) Dibromochloromethane	10.984	129	184145	55.859	ug/l	99
61) 1,2-Dibromoethane	11.093	107	143075	53.601	ug/l	100
64) Tetrachloroethene	10.721	164	160448	52.101	ug/l	94
65) Chlorobenzene	11.514	112	469307	53.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	182752	55.389	ug/l	99
67) Ethyl Benzene	11.593	91	849576	54.841	ug/l	99
68) m/p-Xylenes	11.703	106	645843	109.665	ug/l	97
69) o-Xylene	12.032	106	304864	54.736	ug/l	97
70) Styrene	12.044	104	523311	56.193	ug/l	99
71) Bromoform	12.209	173	125631	54.360	ug/l #	99
73) Isopropylbenzene	12.331	105	796138	52.462	ug/l	98
74) N-amyl acetate	12.142	43	275738	51.059	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	190483	51.353	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	248688	91.908	ug/l #	100
77) Bromobenzene	12.611	156	201536	54.809	ug/l	95
78) n-propylbenzene	12.672	91	995775	53.273	ug/l	98
79) 2-Chlorotoluene	12.758	91	552377	52.919	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	669132	54.023	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	67131	50.750	ug/l	94
82) 4-Chlorotoluene	12.855	91	578780	53.199	ug/l	98
83) tert-Butylbenzene	13.075	119	563622	52.523	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	671725	55.781	ug/l	100
85) sec-Butylbenzene	13.251	105	852578	52.938	ug/l	99
86) p-Isopropyltoluene	13.373	119	710833	54.885	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	381807	54.501	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	379042	53.563	ug/l	100
89) n-Butylbenzene	13.697	91	681951	53.949	ug/l	98
90) Hexachloroethane	13.965	117	141494	51.909	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	347707	54.964	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33973	51.859	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	221270	58.666	ug/l	98
94) Hexachlorobutadiene	15.111	225	128307	58.453	ug/l	99
95) Naphthalene	15.239	128	470733	57.523	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	202291	60.176	ug/l	99

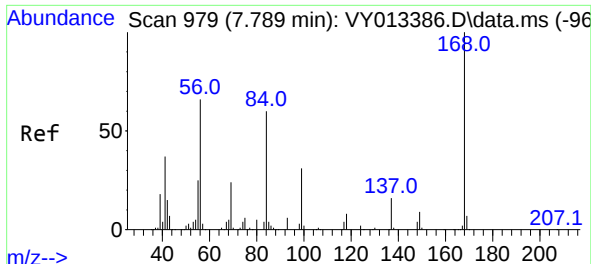
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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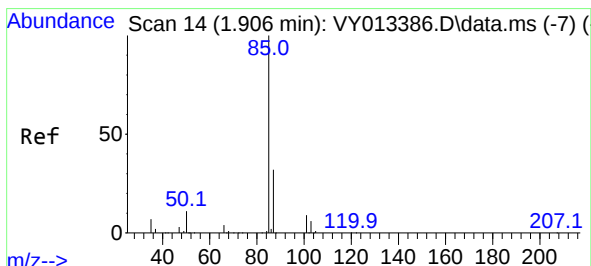
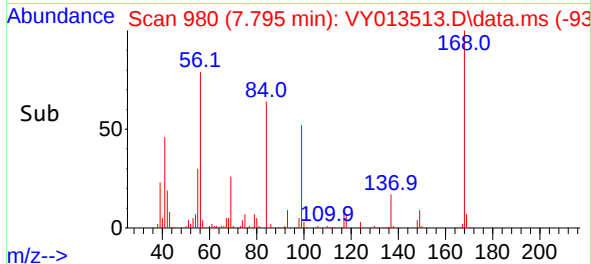
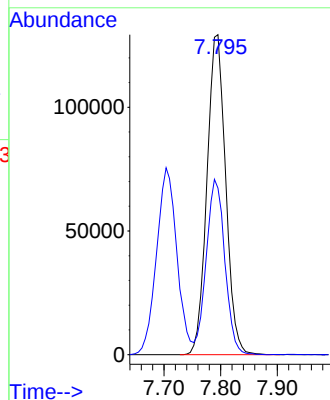
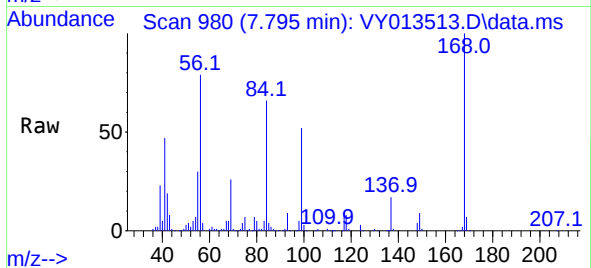
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

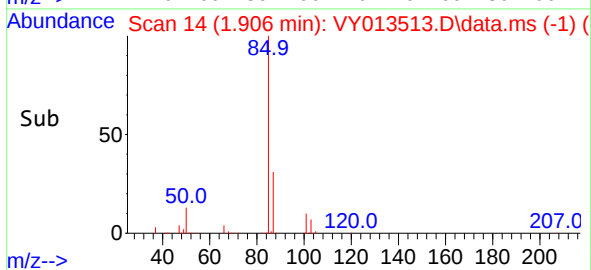
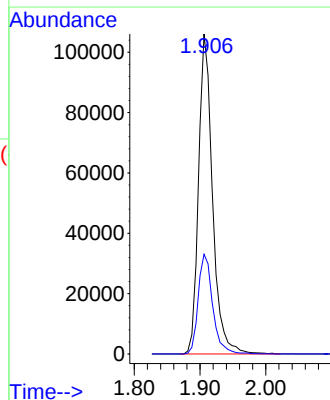
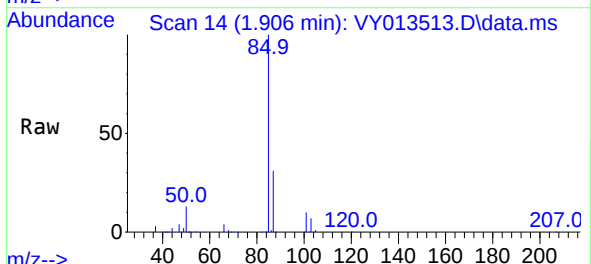
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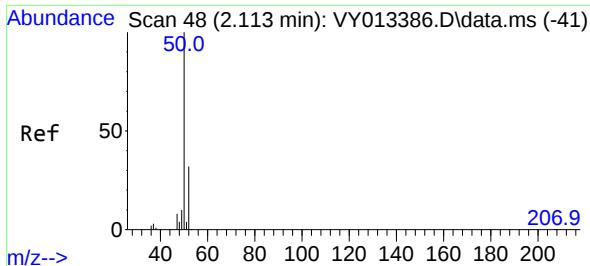
Tgt Ion:168 Resp: 296316
Ion Ratio Lower Upper
168 100
99 52.0 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 55.497 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 85 Resp: 156337
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2

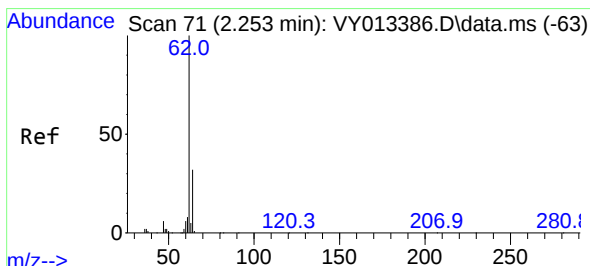
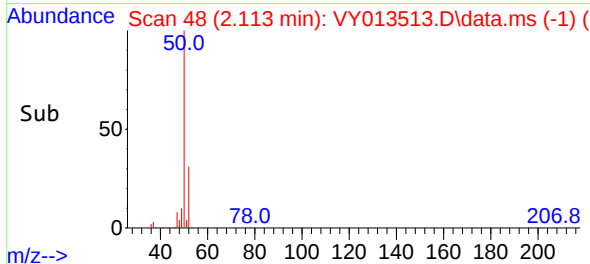
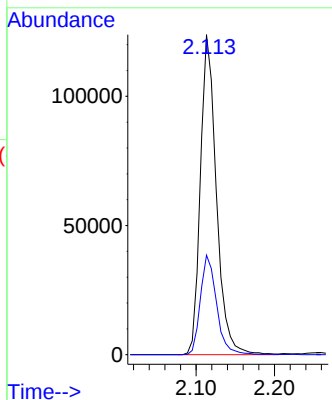
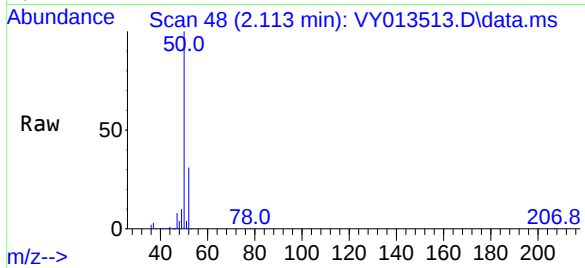




#3
Chloromethane
Concen: 46.465 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

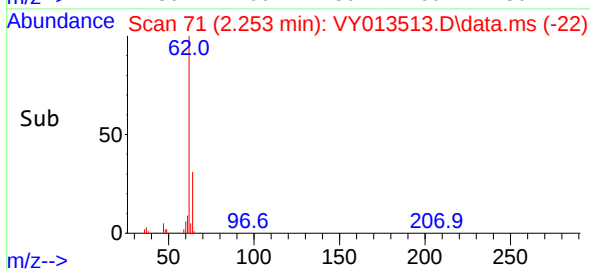
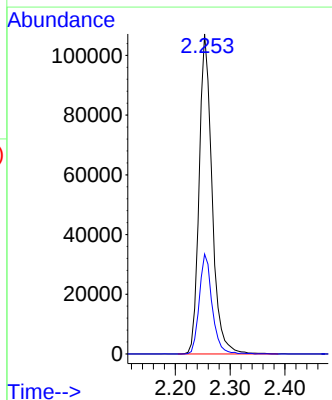
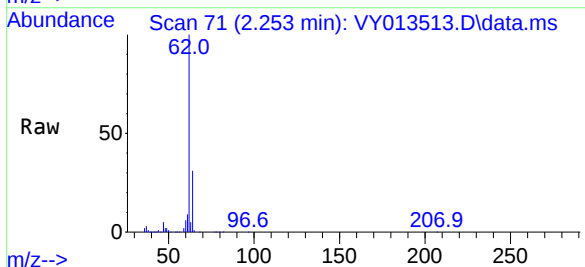
Instrument :
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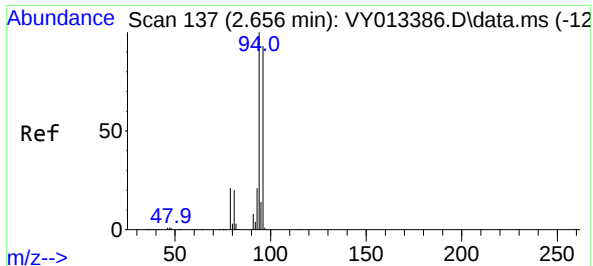
Tgt Ion: 50 Resp: 175452
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9



#4
Vinyl Chloride
Concen: 46.510 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 62 Resp: 174865
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

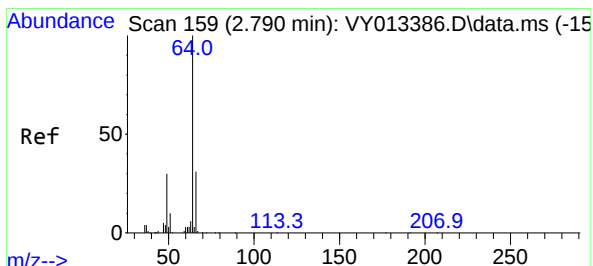
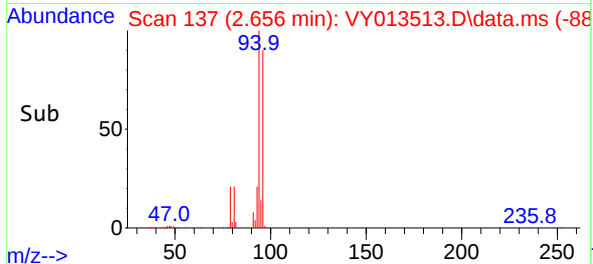
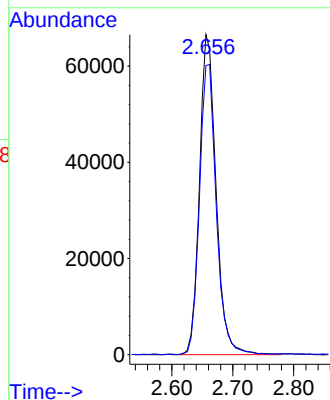
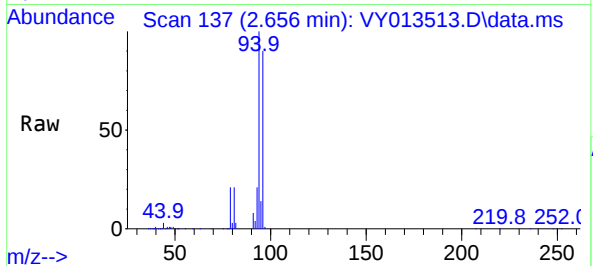




#5
Bromomethane
Concen: 42.104 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

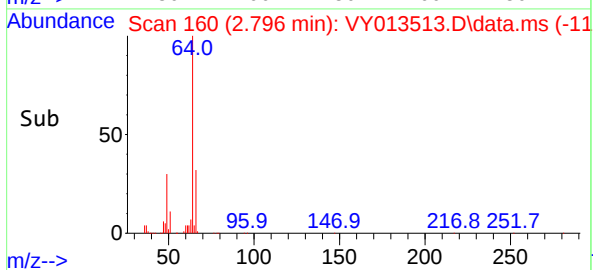
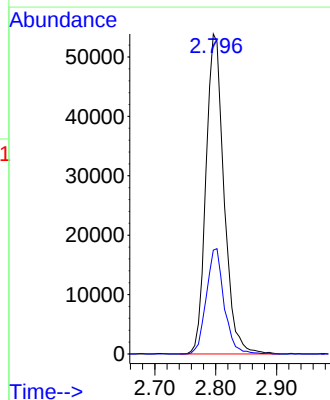
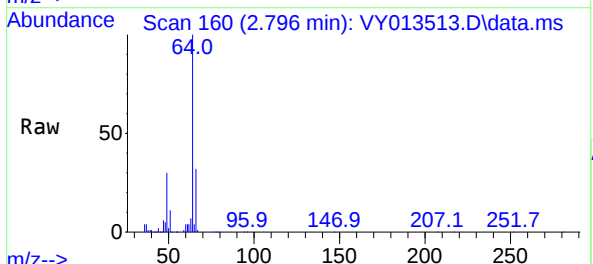
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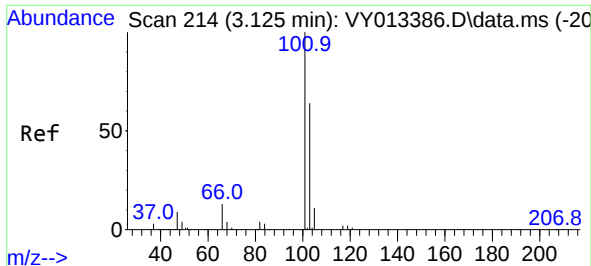
Tgt Ion: 94 Resp: 126149
Ion Ratio Lower Upper
94 100
96 90.2 74.2 111.2



#6
Chloroethane
Concen: 42.667 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 64 Resp: 110823
Ion Ratio Lower Upper
64 100
66 32.4 24.6 37.0

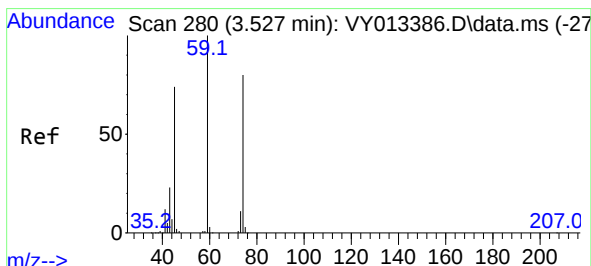
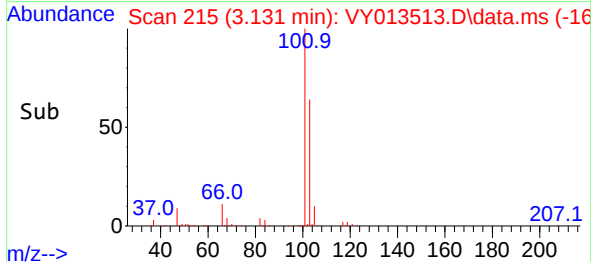
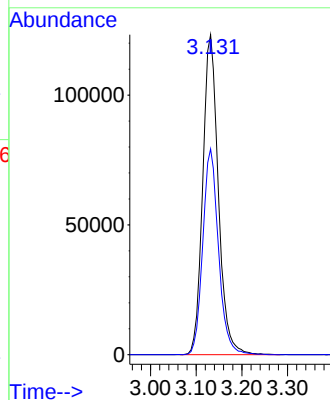
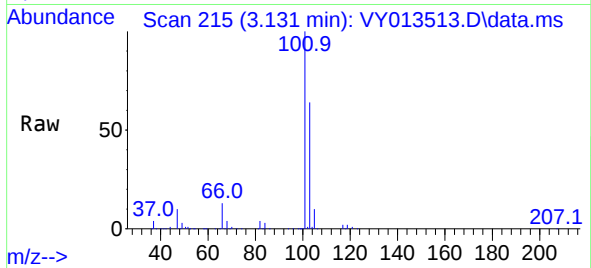




#7
Trichlorofluoromethane
Concen: 51.224 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

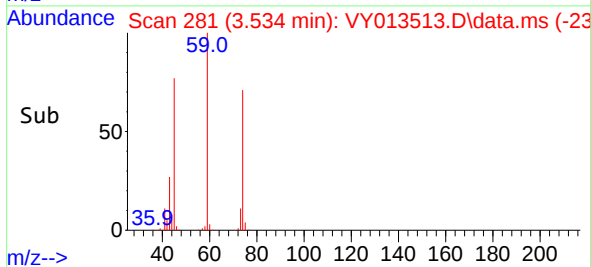
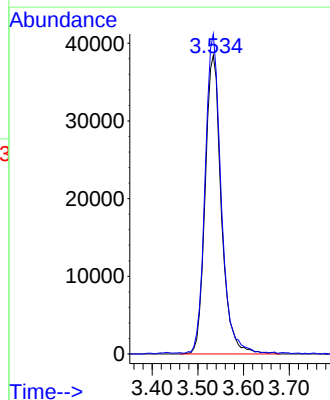
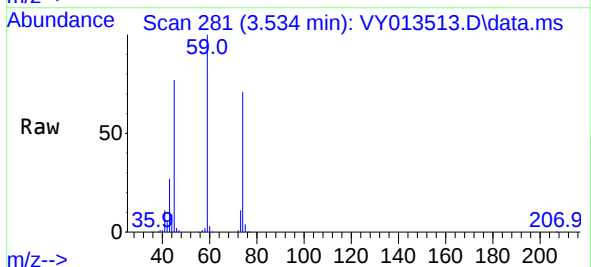
Instrument :
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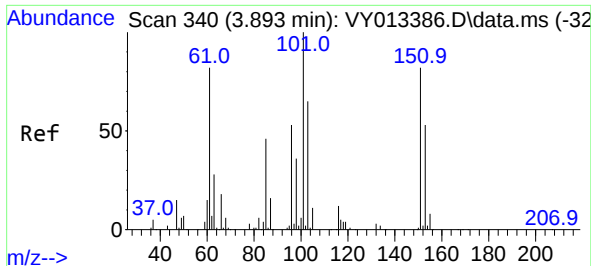
Tgt Ion:101 Resp: 291753
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4



#8
Diethyl Ether
Concen: 48.580 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 74 Resp: 94223
Ion Ratio Lower Upper
74 100
45 105.8 48.2 144.6

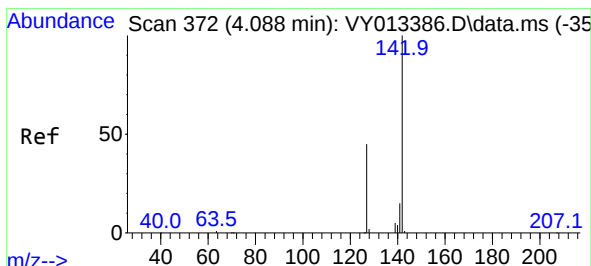
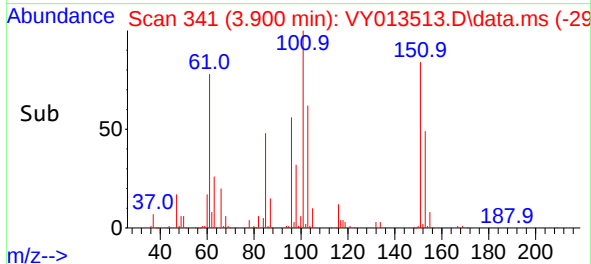
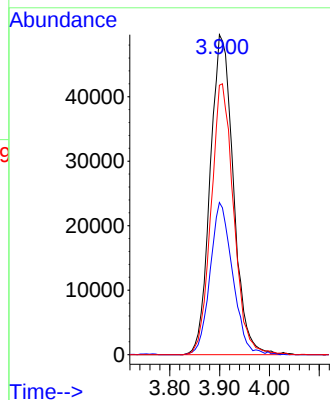
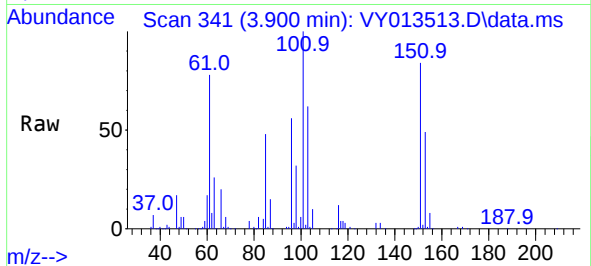




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.219 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.007 min
Lab File: VY013513.D
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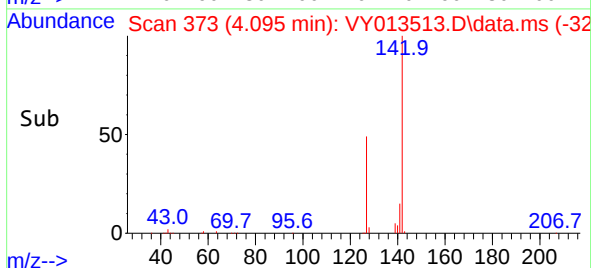
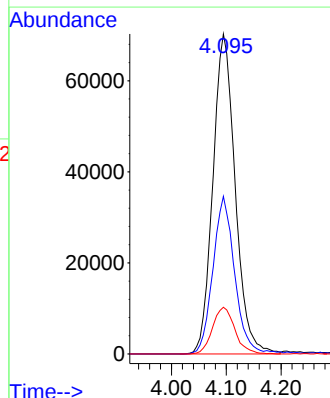
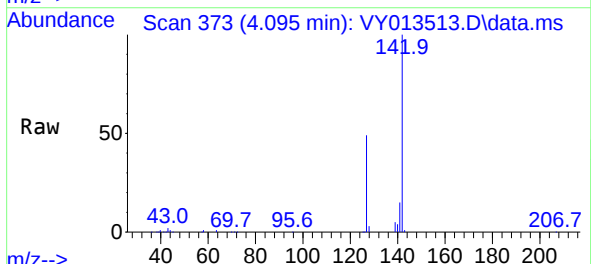
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

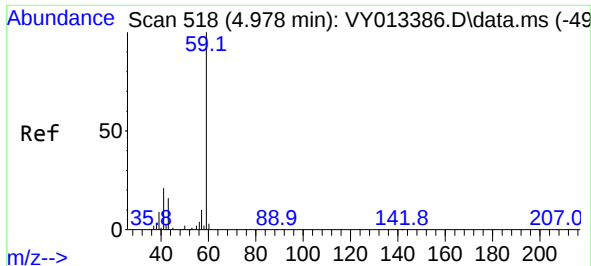
Tgt Ion:101 Resp: 160439
Ion Ratio Lower Upper
101 100
85 46.2 35.6 53.4
151 82.5 68.0 102.0



#10
Methyl Iodide
Concen: 49.526 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:142 Resp: 198729
Ion Ratio Lower Upper
142 100
127 48.0 36.1 54.1
141 14.6 11.6 17.4

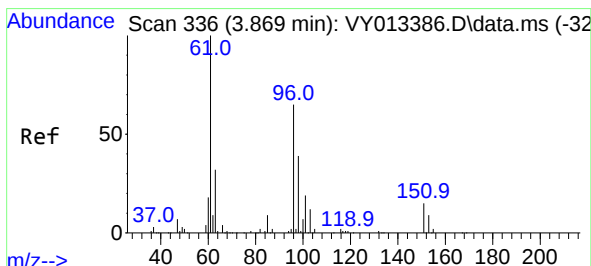
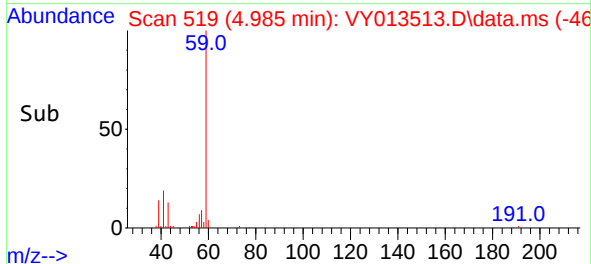
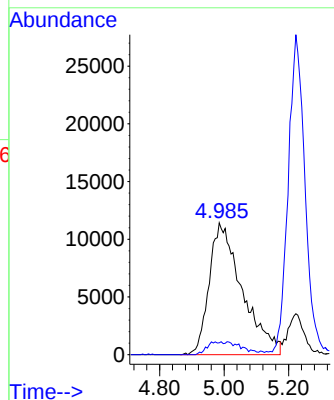
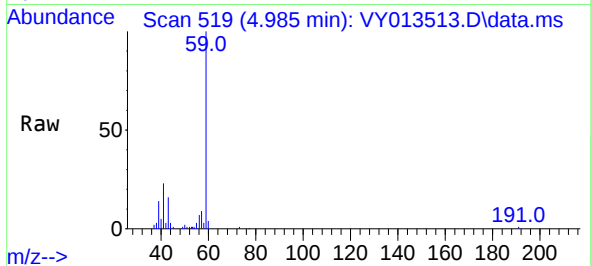




#11
Tert butyl alcohol
Concen: 221.835 ug/l
RT: 4.985 min Scan# 518
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

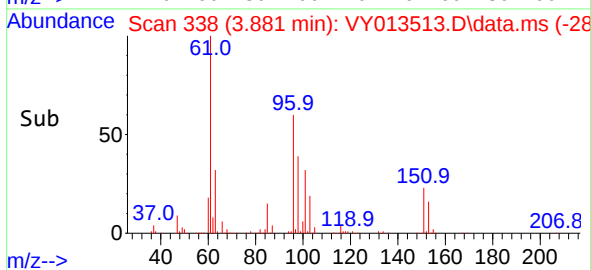
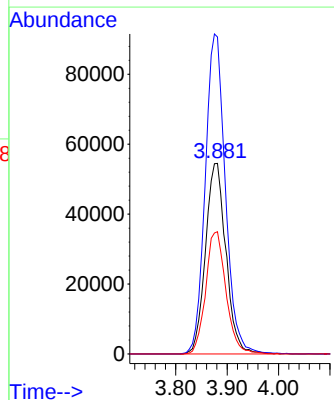
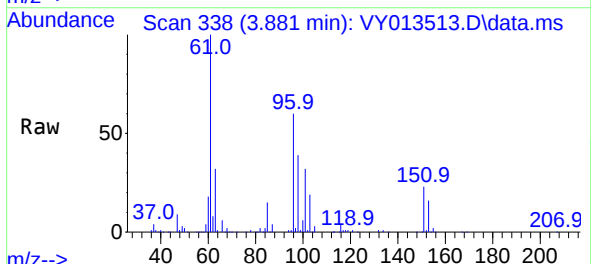
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

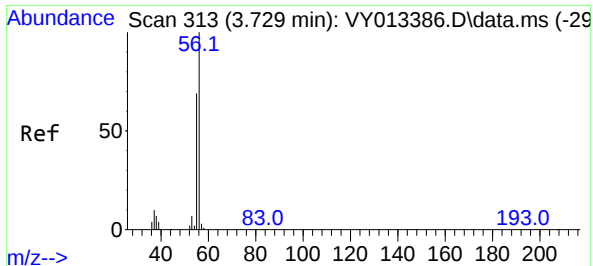
Tgt Ion: 59 Resp: 81135
Ion Ratio Lower Upper
59 100
57 3.7 3.0 4.4



#12
1,1-Dichloroethene
Concen: 48.971 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 96 Resp: 150809
Ion Ratio Lower Upper
96 100
61 166.2 123.9 185.9
98 64.1 48.9 73.3

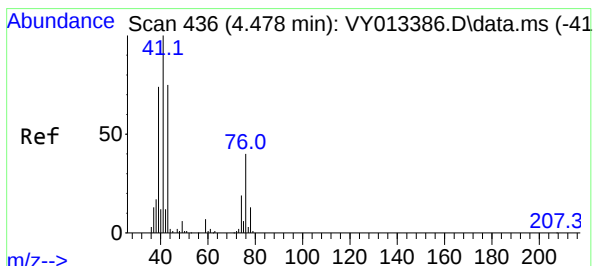
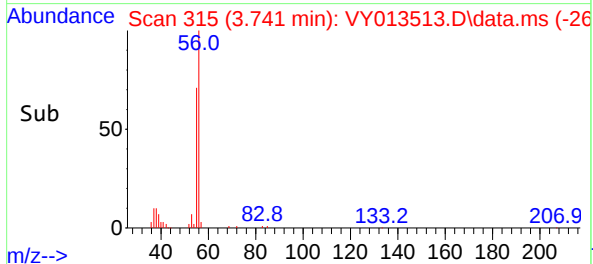
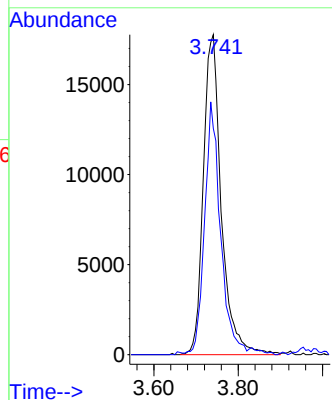
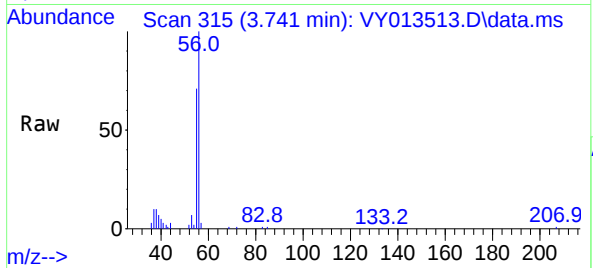




#13
Acrolein
Concen: 183.475 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

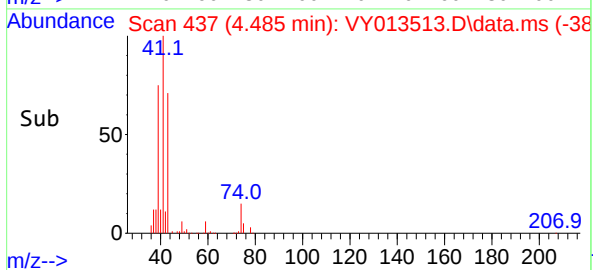
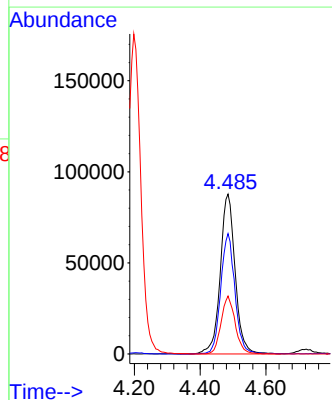
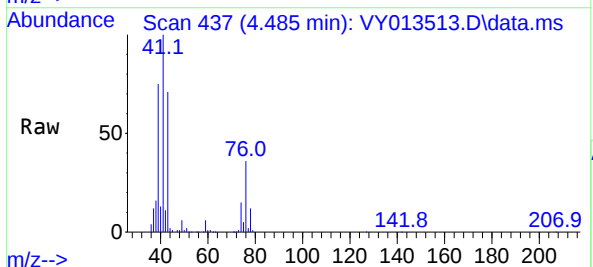
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

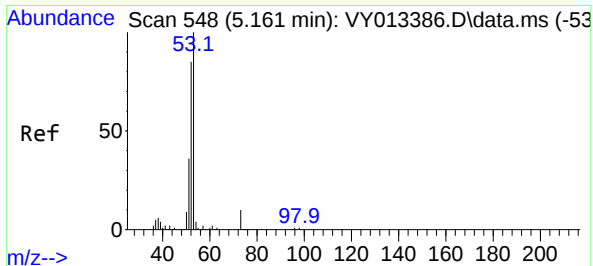
Tgt Ion: 56 Resp: 52742
Ion Ratio Lower Upper
56 100
55 68.3 54.1 81.1



#14
Allyl chloride
Concen: 48.202 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 41 Resp: 275432
Ion Ratio Lower Upper
41 100
39 71.6 56.6 85.0
76 34.2 30.5 45.7

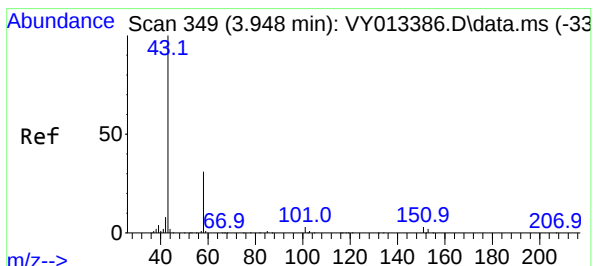
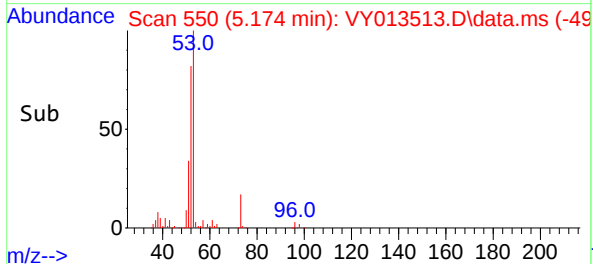
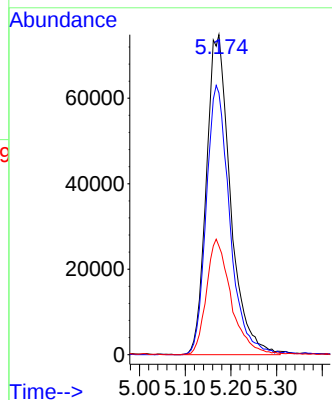
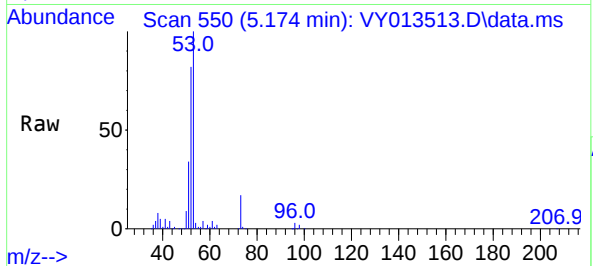




#15
Acrylonitrile
Concen: 252.034 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

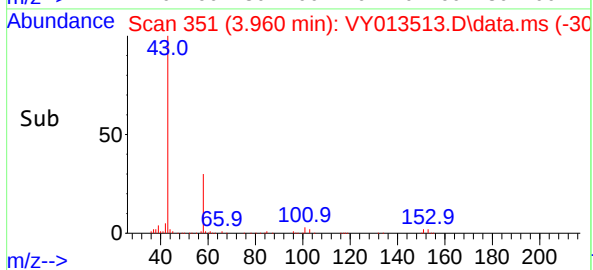
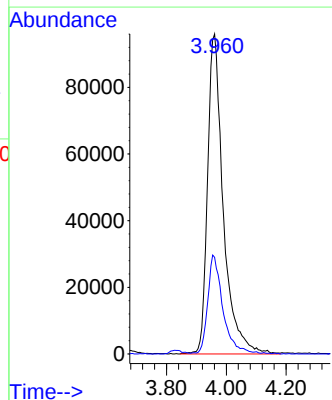
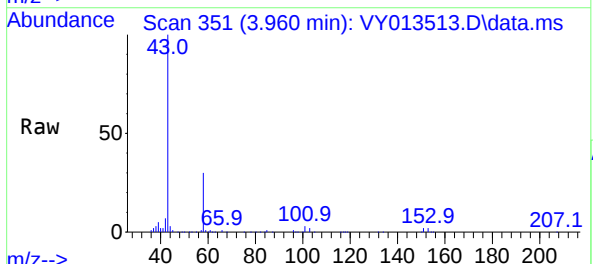
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

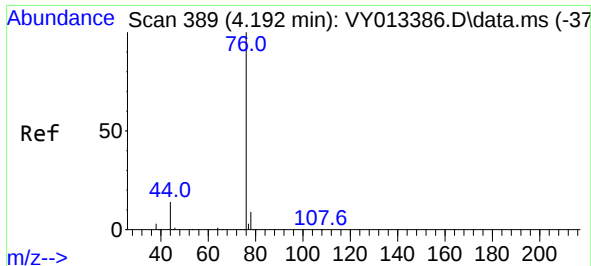
Tgt Ion: 53 Resp: 273767
Ion Ratio Lower Upper
53 100
52 82.3 65.4 98.0
51 37.1 29.3 43.9



#16
Acetone
Concen: 274.158 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 43 Resp: 350704
Ion Ratio Lower Upper
43 100
58 30.2 25.4 38.0

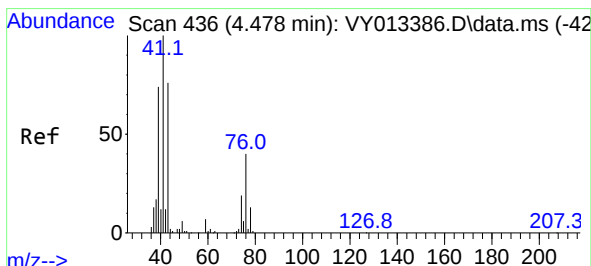
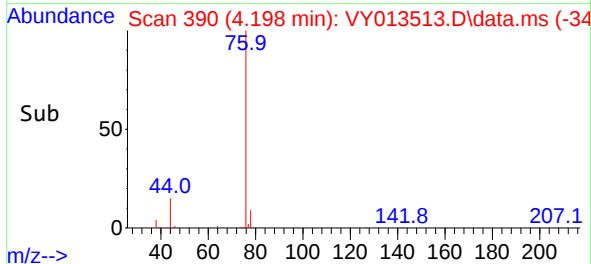
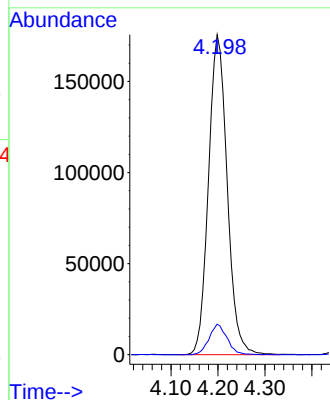
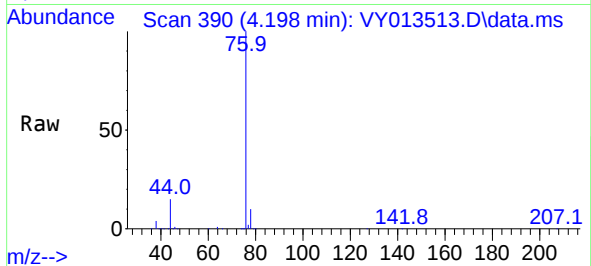




#17
Carbon Disulfide
Concen: 48.424 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

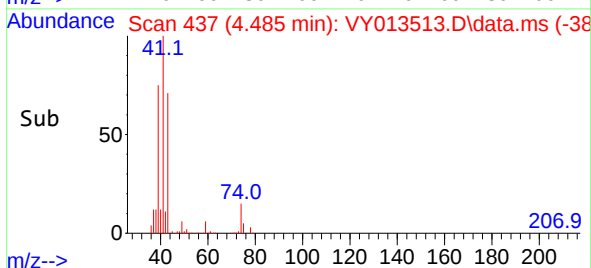
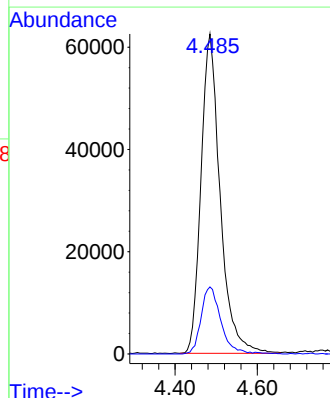
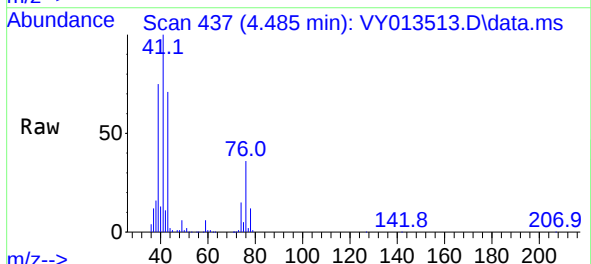
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

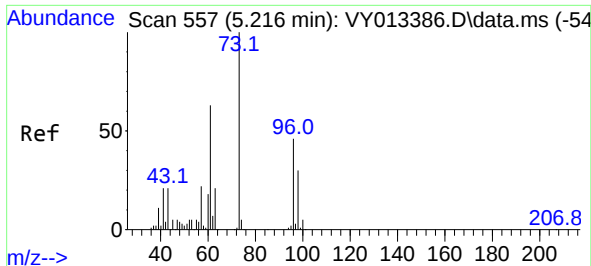
Tgt Ion: 76 Resp: 484411
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 47.765 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 43 Resp: 201803
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 50.340 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

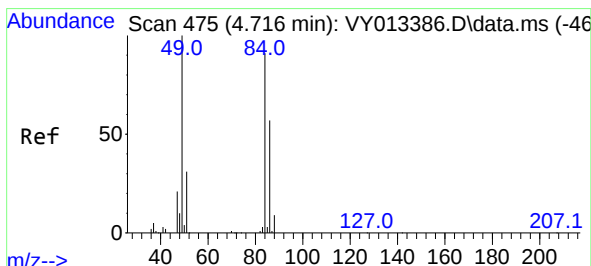
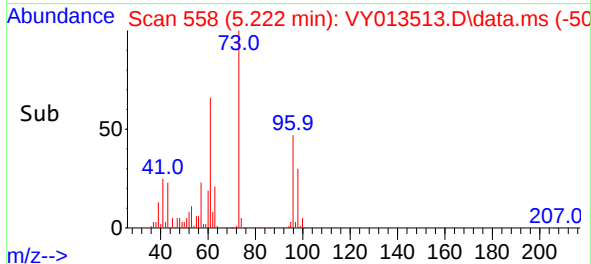
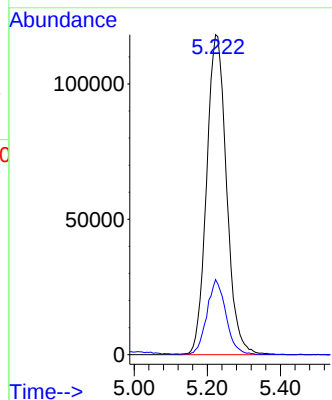
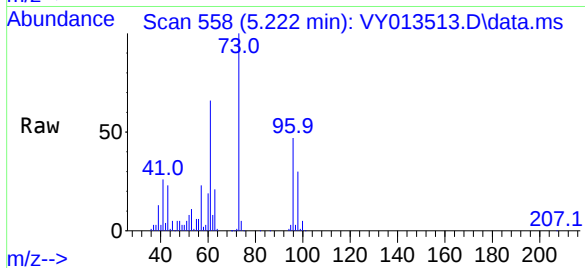
VSTDCCC050

Tgt Ion: 73 Resp: 447553

Ion Ratio Lower Upper

73 100

57 23.4 17.8 26.8



#20

Methylene Chloride

Concen: 48.098 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Tgt Ion: 84 Resp: 193980

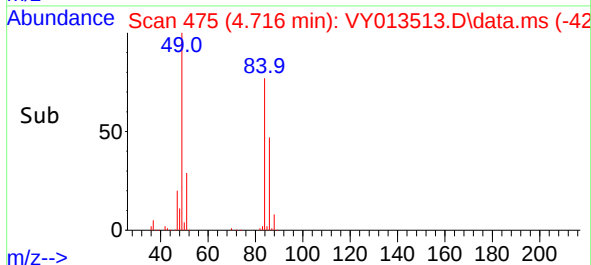
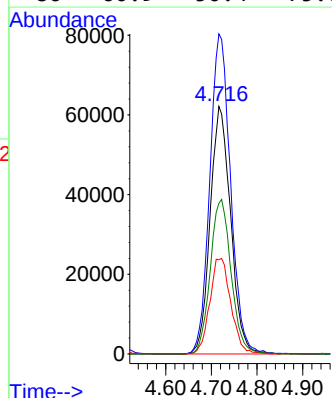
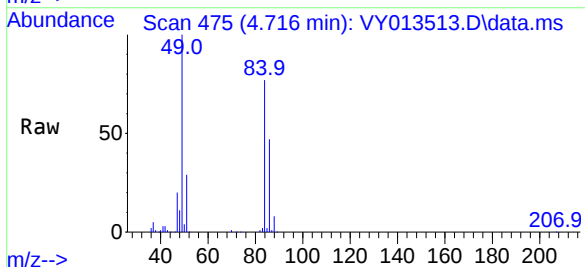
Ion Ratio Lower Upper

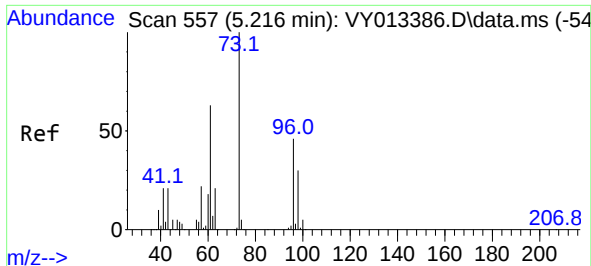
84 100

49 129.2 88.0 132.0

51 38.1 27.4 41.0

86 60.9 50.4 75.6

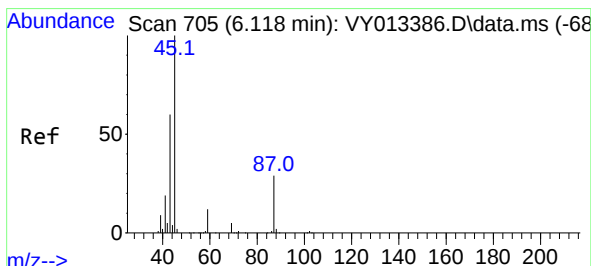
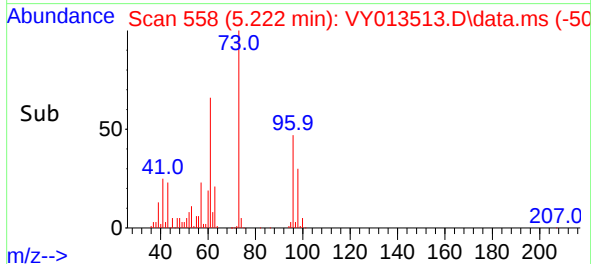
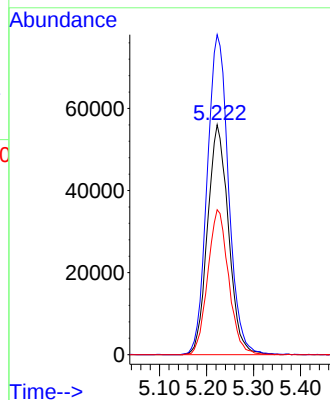
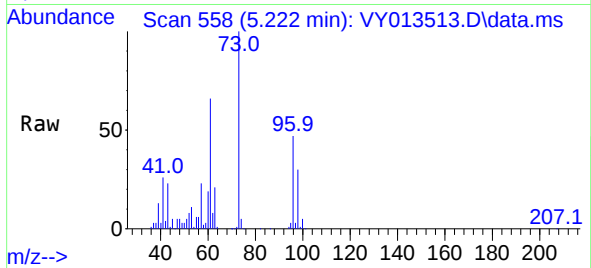




#21
trans-1,2-Dichloroethene
Concen: 51.524 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

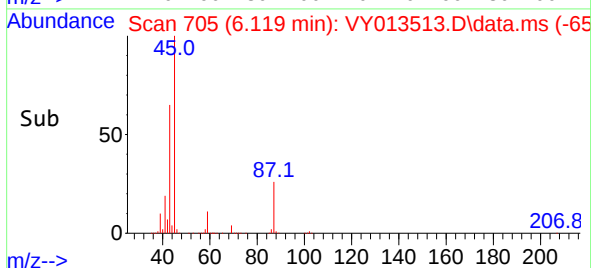
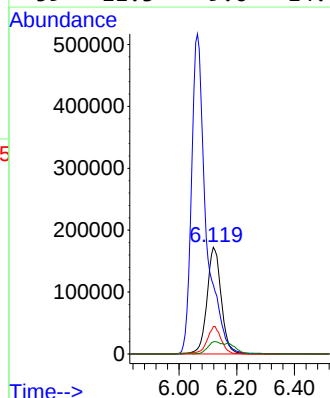
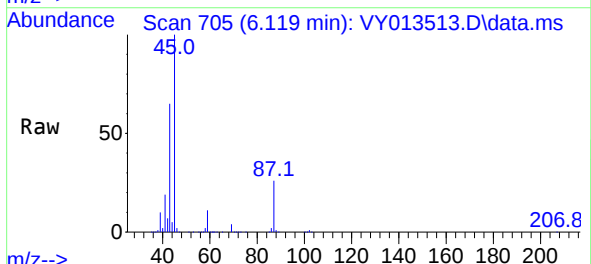
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

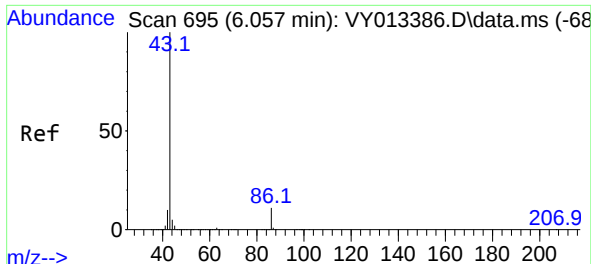
Tgt Ion: 96 Resp: 173487
Ion Ratio Lower Upper
96 100
61 139.2 110.6 165.8
98 63.1 53.1 79.7



#22
Diisopropyl ether
Concen: 52.511 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 45 Resp: 586476
Ion Ratio Lower Upper
45 100
43 64.6 48.4 72.6
87 25.6 23.8 35.6
59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 286.723 ug/l

RT: 6.064 min Scan# 695

Delta R.T. 0.007 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

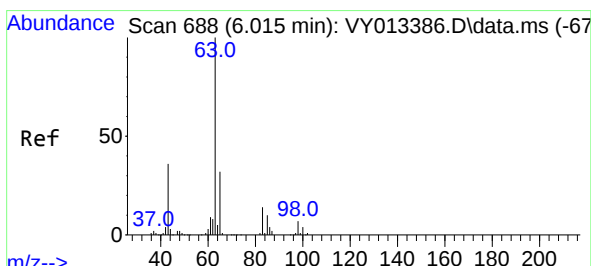
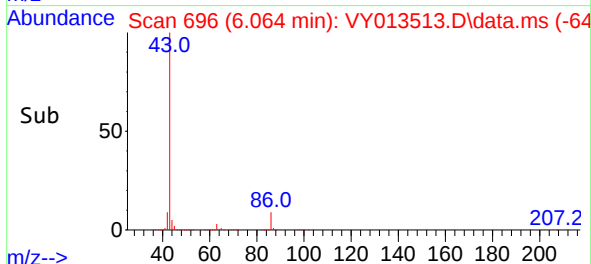
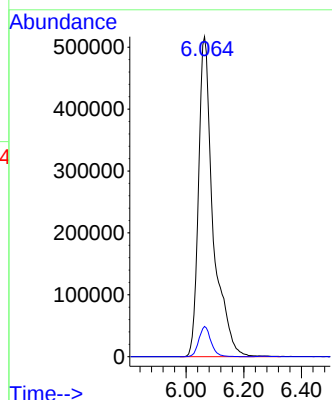
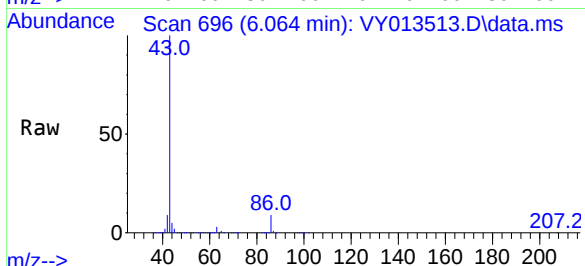
VSTDCCC050

Tgt Ion: 43 Resp: 1813146

Ion Ratio Lower Upper

43 100

86 9.4 8.5 12.7



#24

1,1-Dichloroethane

Concen: 51.083 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.006 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

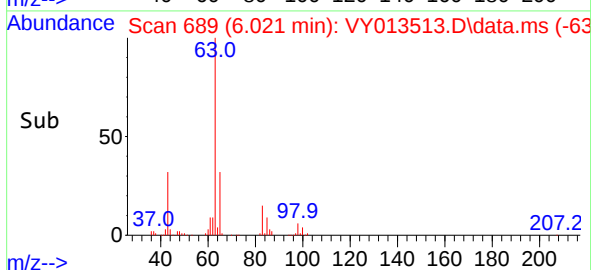
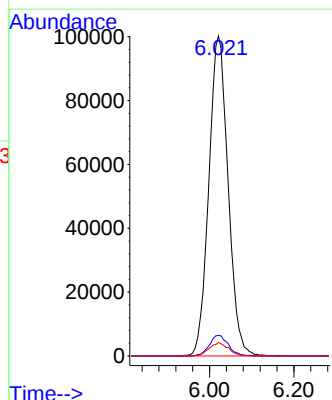
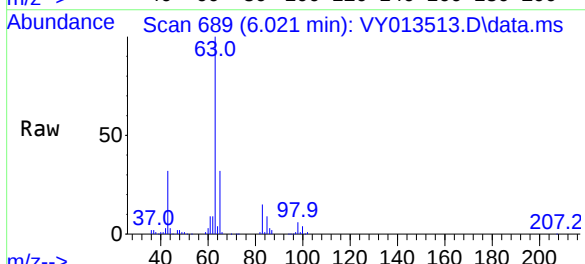
Tgt Ion: 63 Resp: 317976

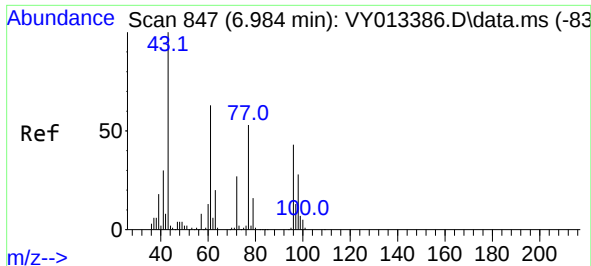
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

100 4.2 2.2 6.6

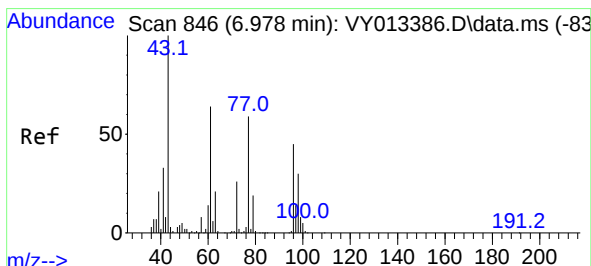
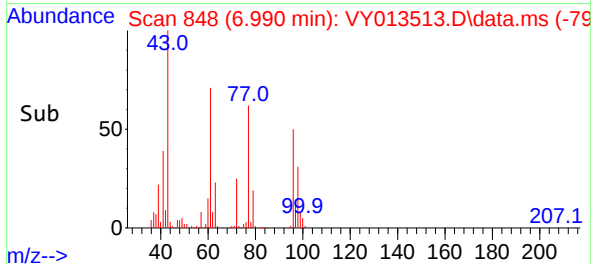
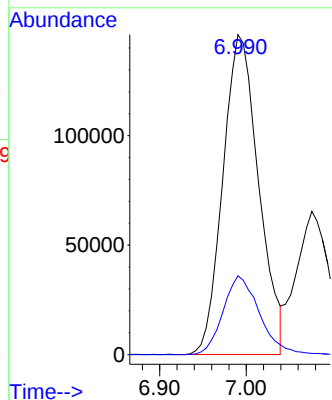
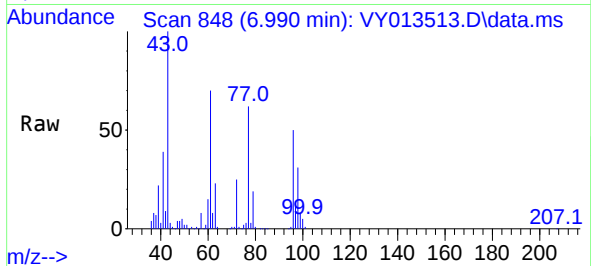




#25
2-Butanone
Concen: 258.303 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

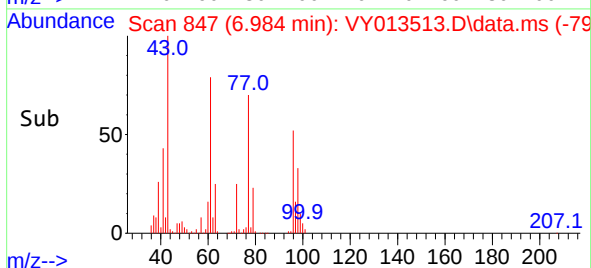
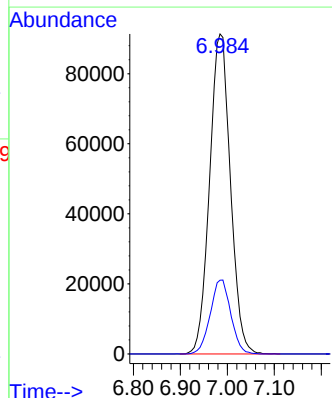
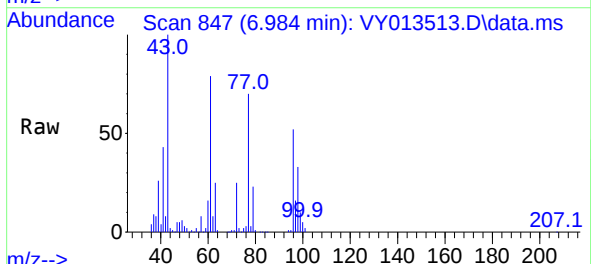
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

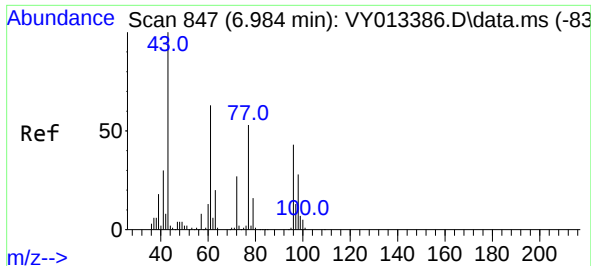
Tgt Ion: 43 Resp: 419048
Ion Ratio Lower Upper
43 100
72 24.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 52.331 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 77 Resp: 280691
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4

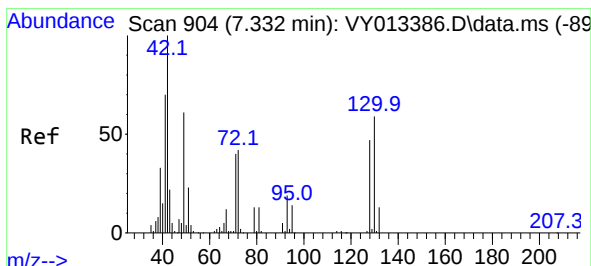
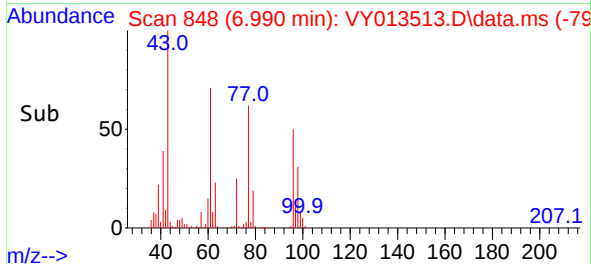
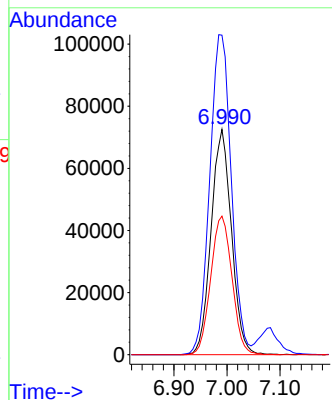
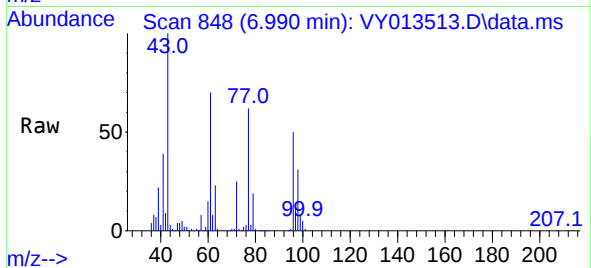




#27
cis-1,2-Dichloroethene
Concen: 52.141 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

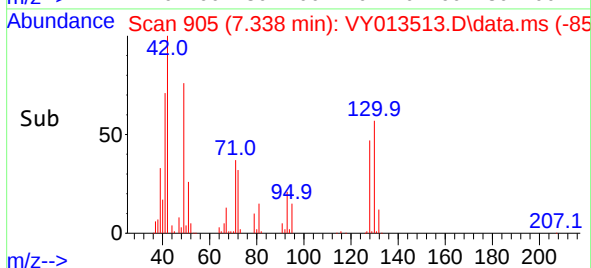
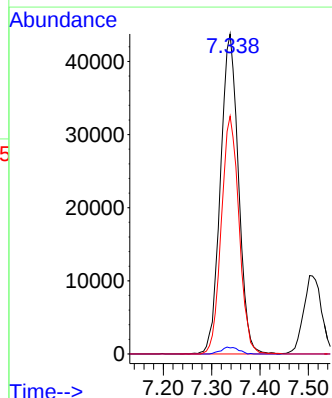
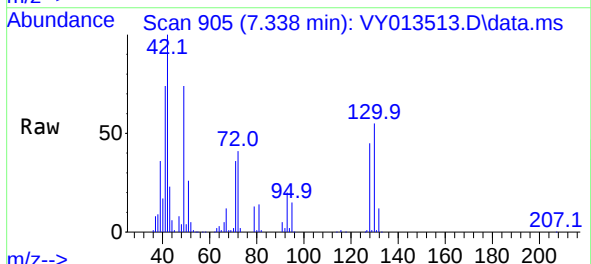
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

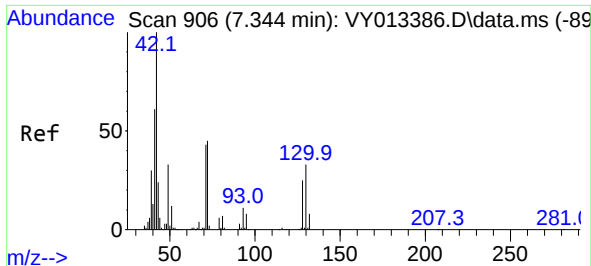
Tgt Ion: 96 Resp: 193978
Ion Ratio Lower Upper
96 100
61 149.9 0.0 285.0
98 64.1 0.0 130.6



#28
Bromochloromethane
Concen: 51.252 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 49 Resp: 113210
Ion Ratio Lower Upper
49 100
129 2.1 0.0 5.2
130 72.9 72.1 108.1





#29

Tetrahydrofuran

Concen: 247.628 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

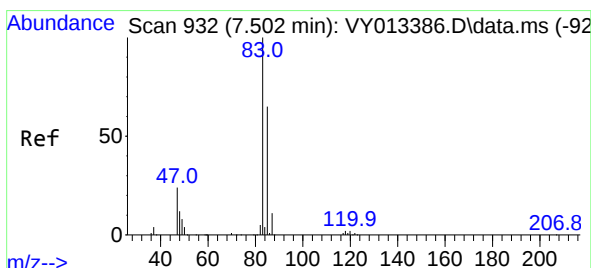
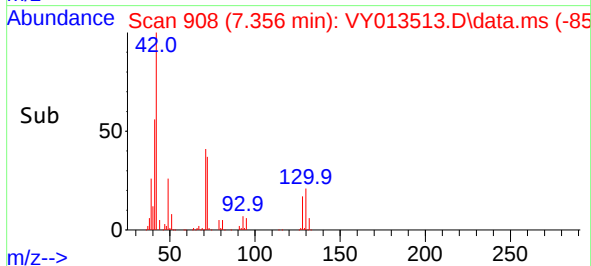
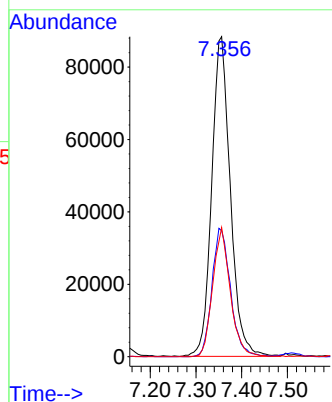
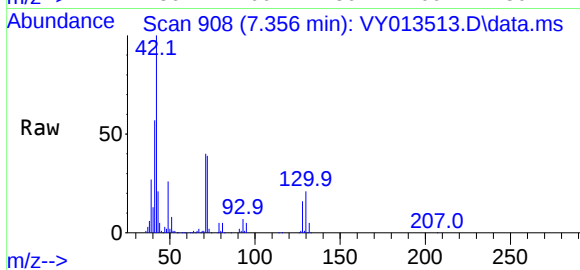
Tgt Ion: 42 Resp: 250068

Ion Ratio Lower Upper

42 100

72 40.0 35.9 53.9

71 38.0 34.3 51.5



#30

Chloroform

Concen: 53.852 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013513.D

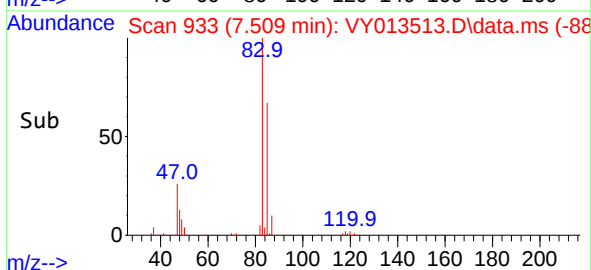
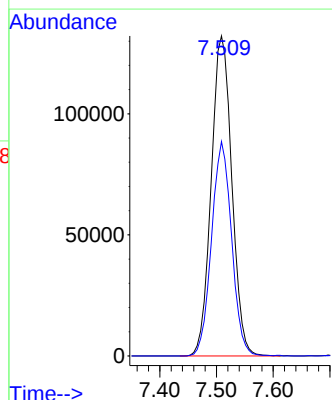
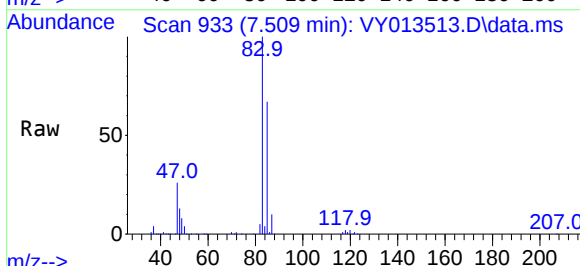
Acq: 28 Apr 2023 09:40

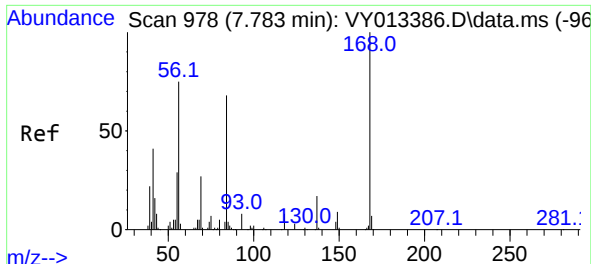
Tgt Ion: 83 Resp: 333284

Ion Ratio Lower Upper

83 100

85 67.0 52.0 78.0

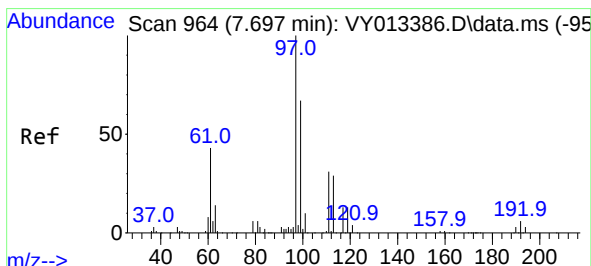
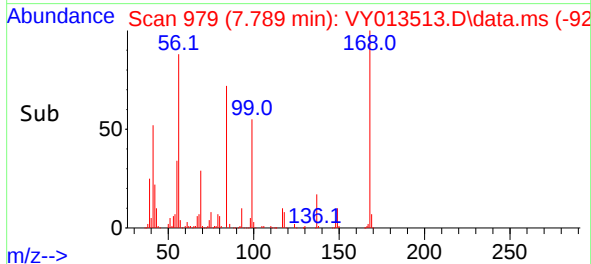
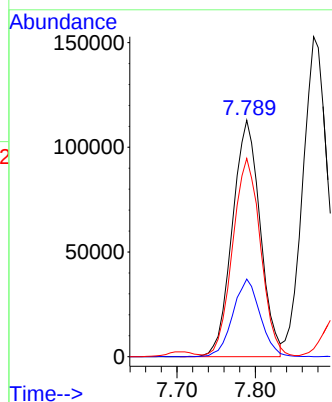
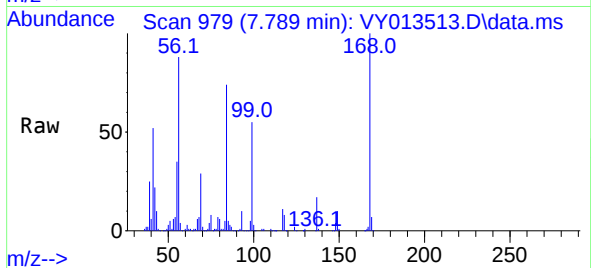




#31
Cyclohexane
Concen: 47.874 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

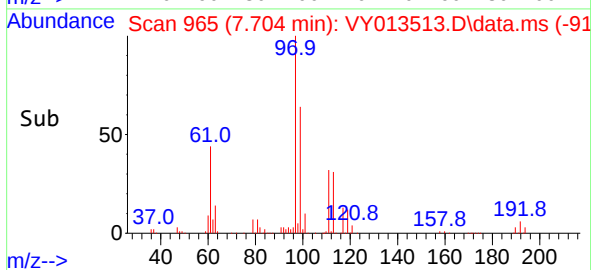
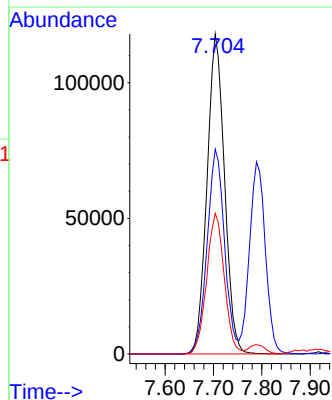
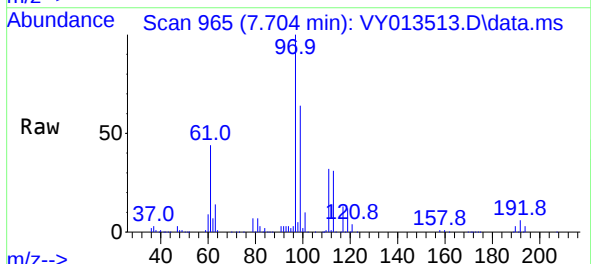
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

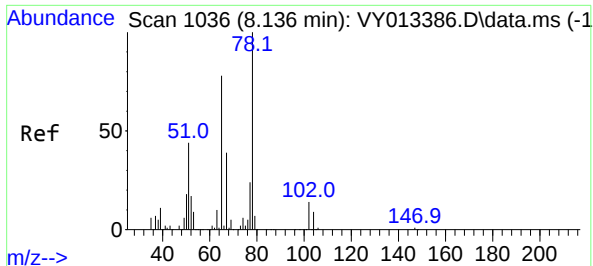
Tgt Ion: 56 Resp: 278423
Ion Ratio Lower Upper
56 100
69 32.8 29.2 43.8
84 81.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 53.627 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 97 Resp: 296162
Ion Ratio Lower Upper
97 100
99 63.9 52.2 78.2
61 44.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.177 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

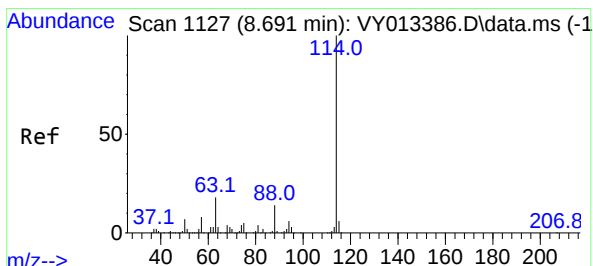
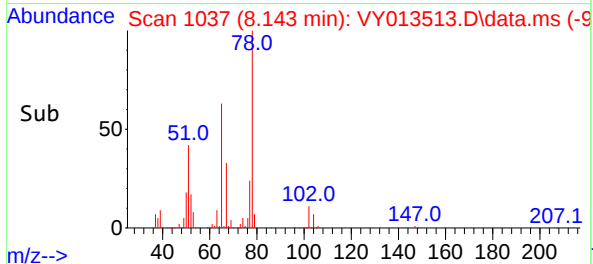
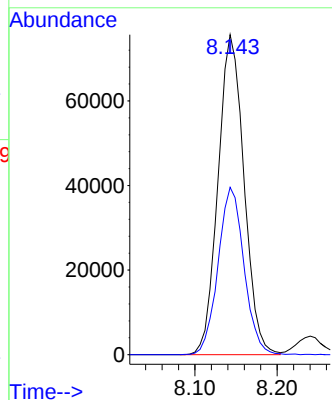
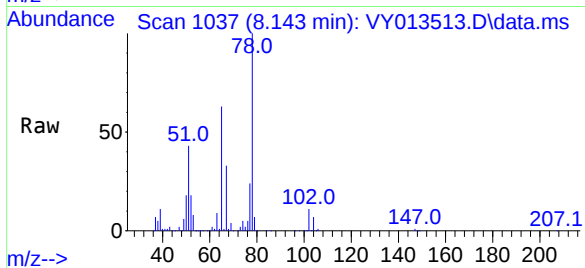
VSTDCCC050

Tgt Ion: 65 Resp: 166236

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

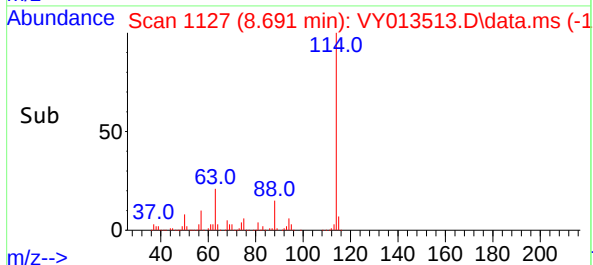
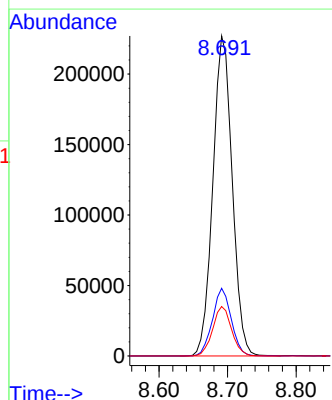
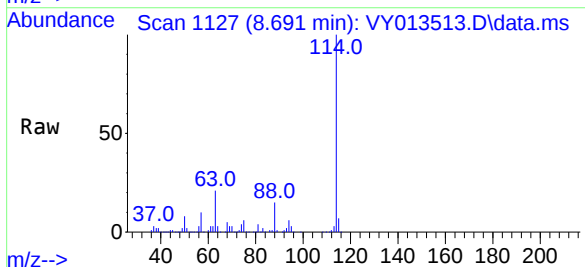
Tgt Ion: 114 Resp: 445675

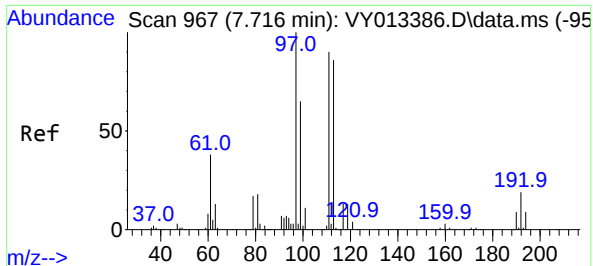
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 15.4 0.0 28.8

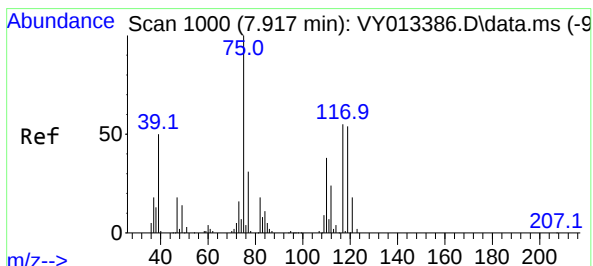
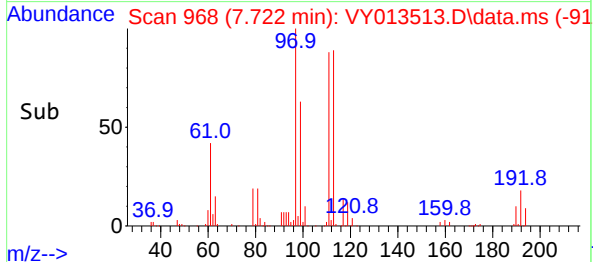
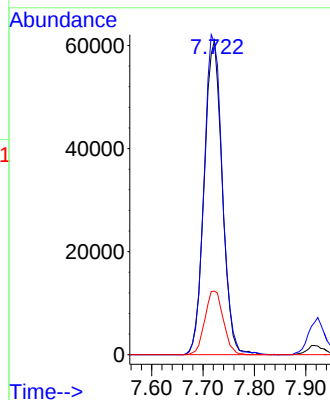
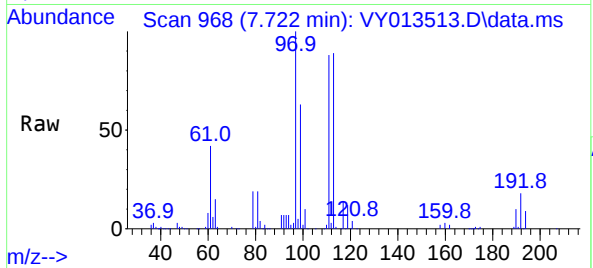




#35
Dibromofluoromethane
Concen: 52.818 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

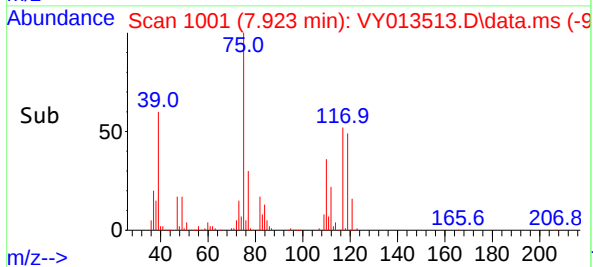
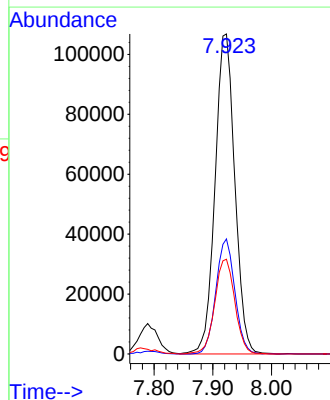
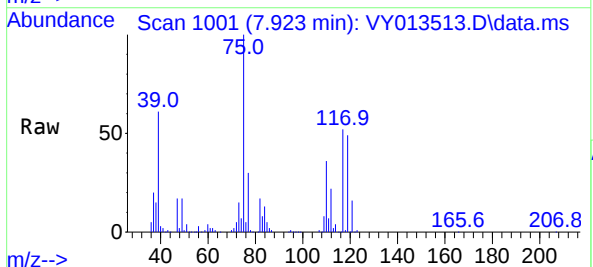
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

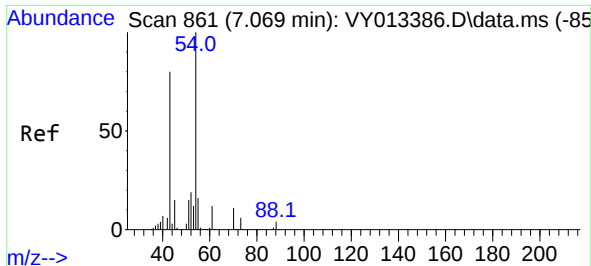
Tgt Ion:113 Resp: 148055
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 53.599 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 75 Resp: 249347
Ion Ratio Lower Upper
75 100
110 34.6 18.7 56.1
77 30.2 24.6 37.0

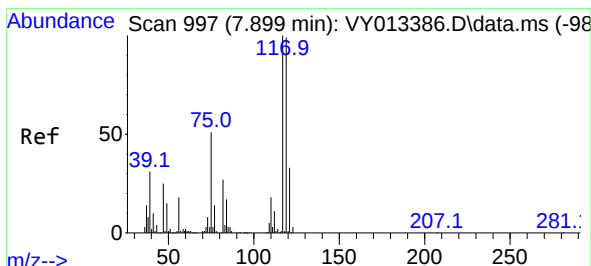
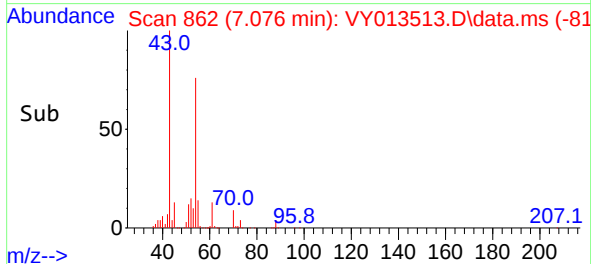
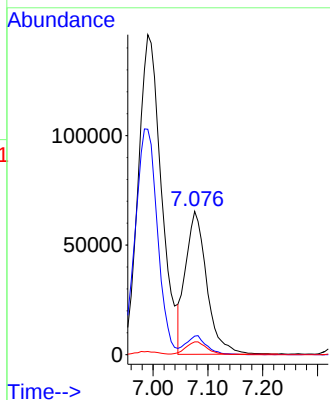
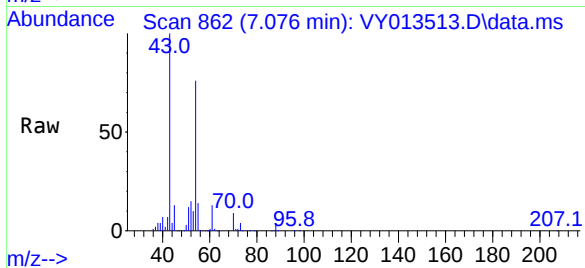




#37
Ethyl Acetate
Concen: 50.135 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

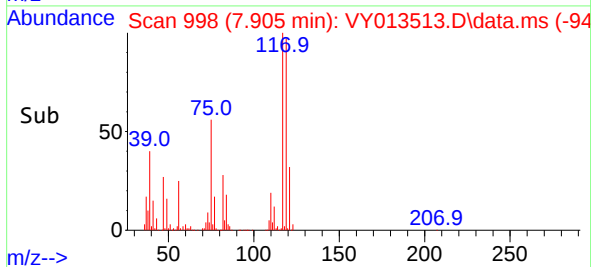
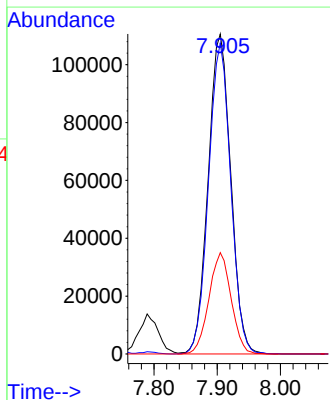
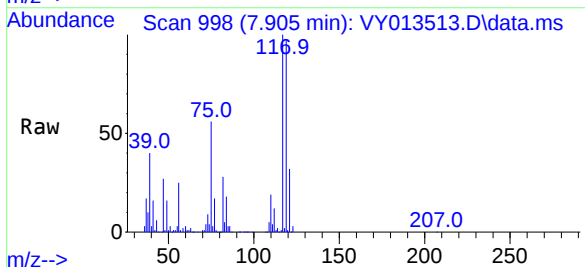
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

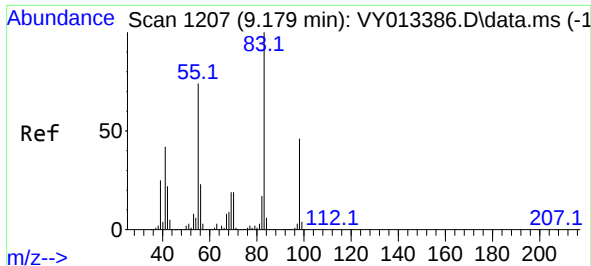
Tgt Ion: 43 Resp: 175515
Ion Ratio Lower Upper
43 100
61 12.8 11.4 17.0
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 56.239 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 117 Resp: 274222
Ion Ratio Lower Upper
117 100
119 97.1 79.0 118.6
121 31.6 26.6 40.0





#39

Methylcyclohexane

Concen: 52.583 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

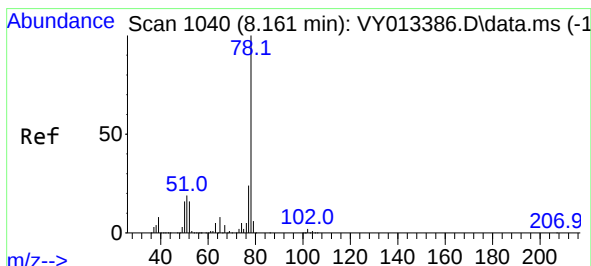
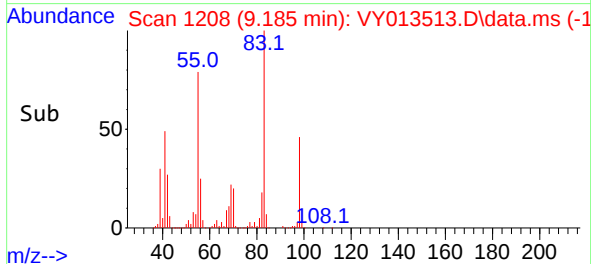
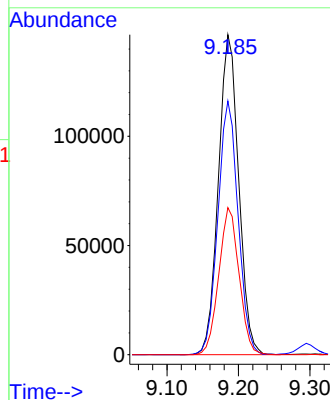
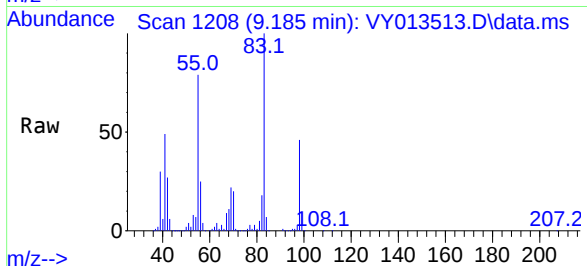
Tgt Ion: 83 Resp: 288385

Ion Ratio Lower Upper

83 100

55 79.3 59.0 88.4

98 46.0 37.0 55.4



#40

Benzene

Concen: 54.733 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013513.D

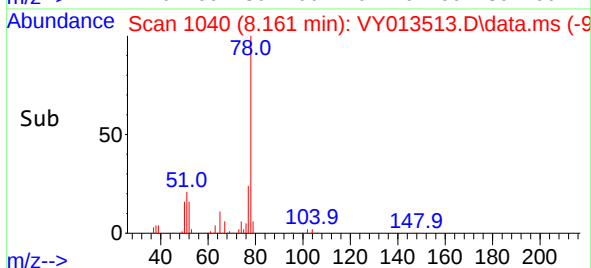
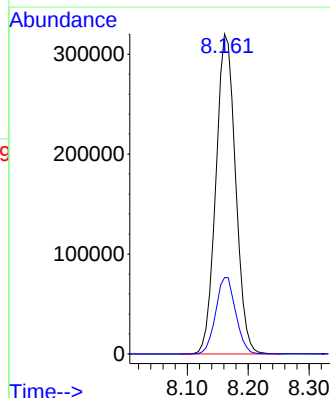
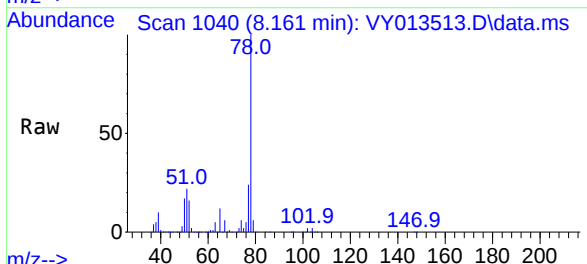
Acq: 28 Apr 2023 09:40

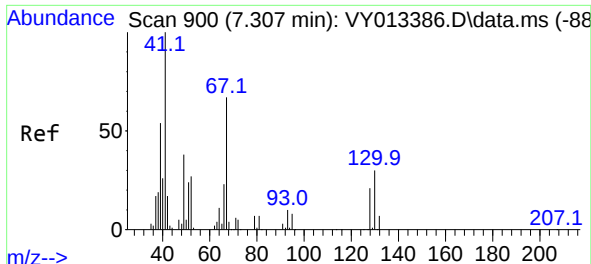
Tgt Ion: 78 Resp: 717252

Ion Ratio Lower Upper

78 100

77 23.9 19.2 28.8

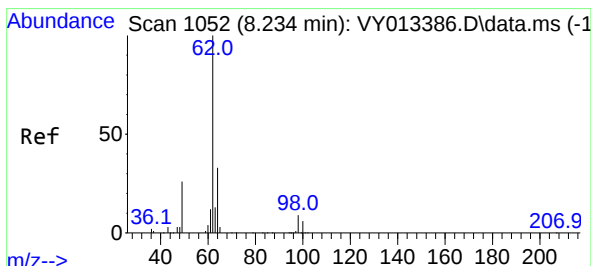
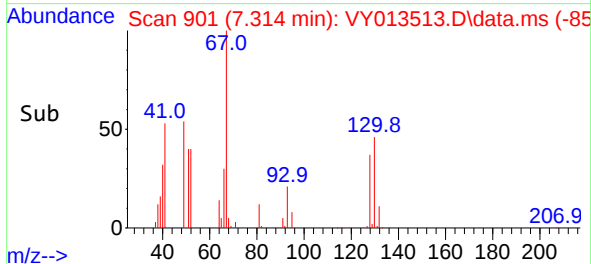
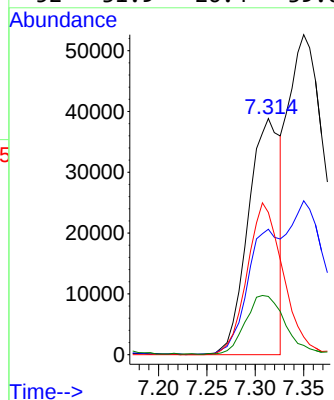
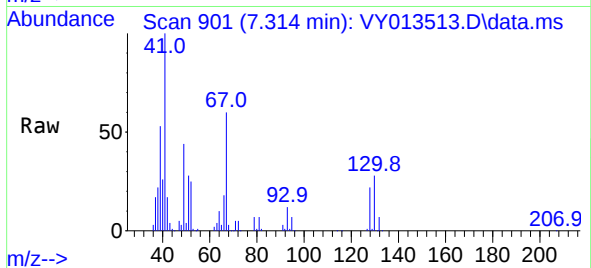




#41
Methacrylonitrile
Concen: 54.946 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

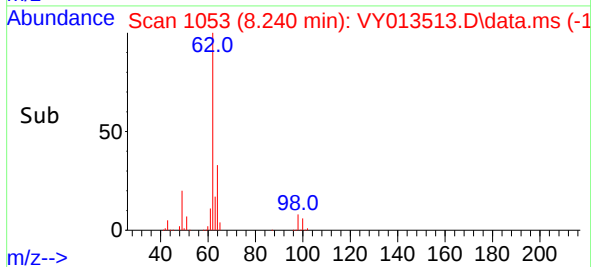
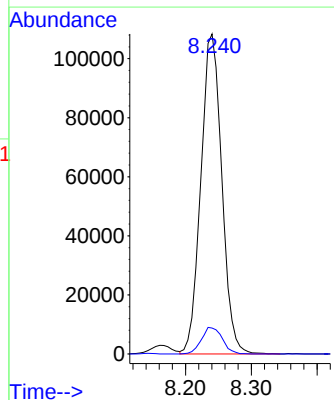
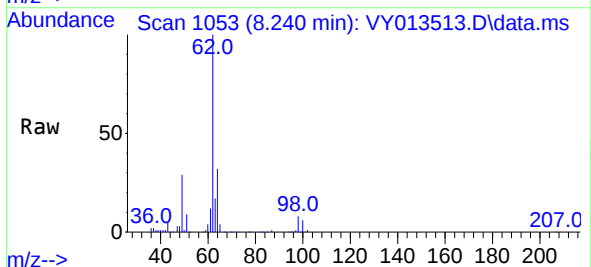
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

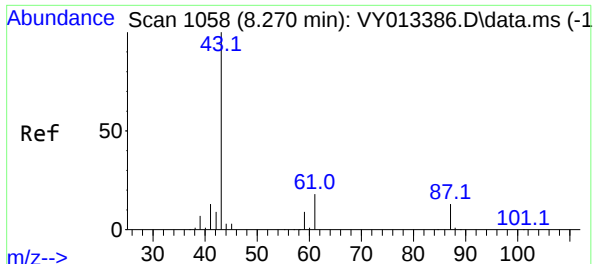
Tgt Ion: 41 Resp: 89638
Ion Ratio Lower Upper
41 100
39 54.3 44.2 66.4
67 72.9 62.9 94.3
52 31.9 26.4 39.6



#42
1,2-Dichloroethane
Concen: 55.923 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 62 Resp: 239591
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.8





#43

Isopropyl Acetate

Concen: 50.597 ug/l

RT: 8.277 min Scan# 1058

Delta R.T. 0.007 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

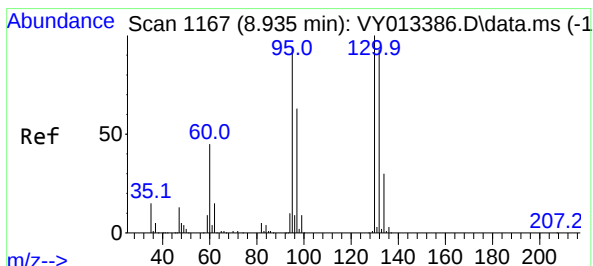
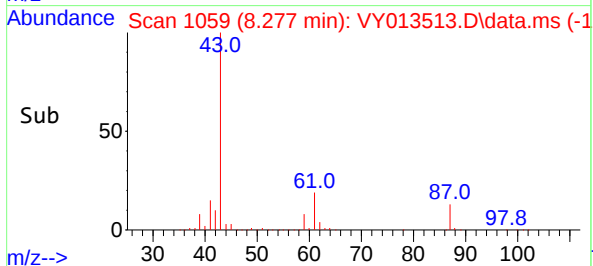
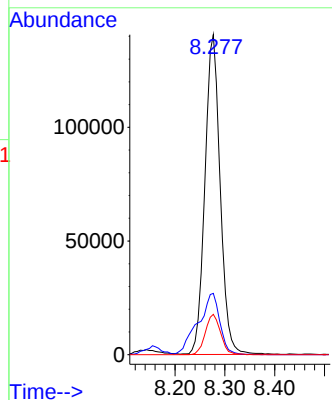
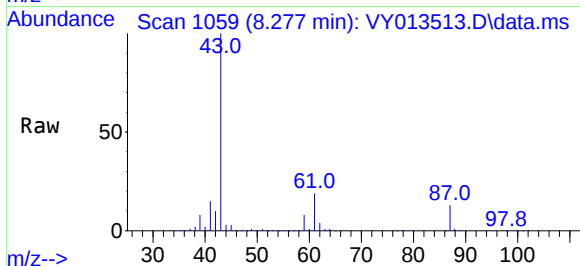
Tgt Ion: 43 Resp: 298983

Ion Ratio Lower Upper

43 100

61 27.4 22.2 33.4

87 12.6 11.0 16.6



#44

Trichloroethene

Concen: 53.478 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013513.D

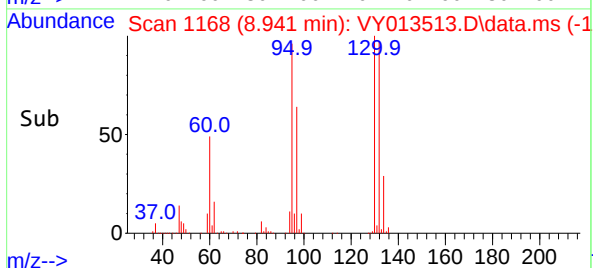
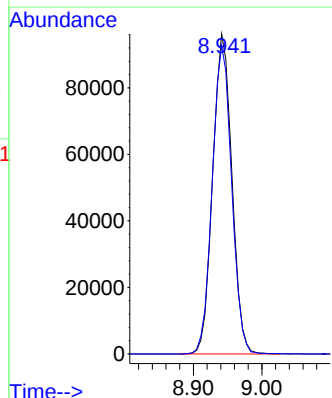
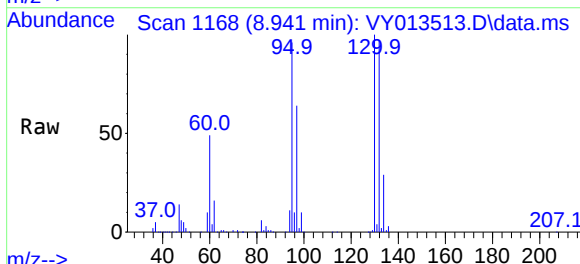
Acq: 28 Apr 2023 09:40

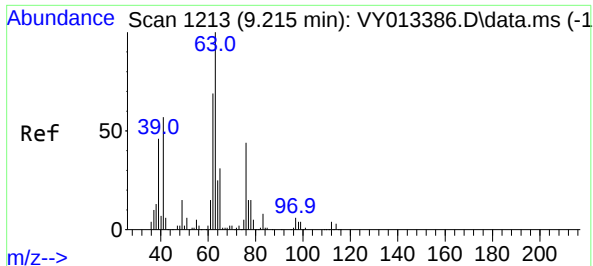
Tgt Ion:130 Resp: 186414

Ion Ratio Lower Upper

130 100

95 96.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 54.665 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

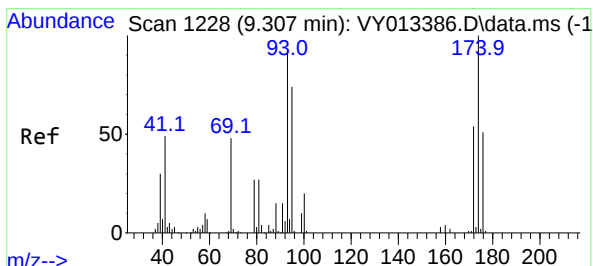
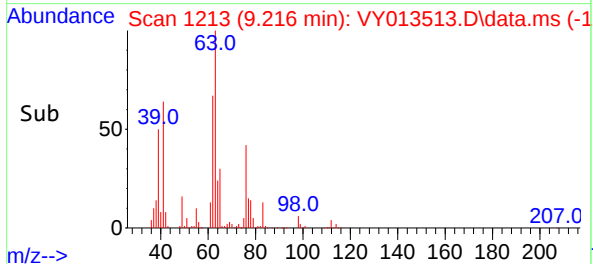
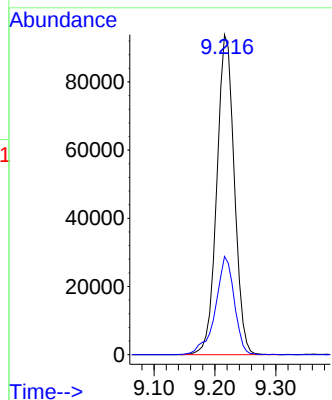
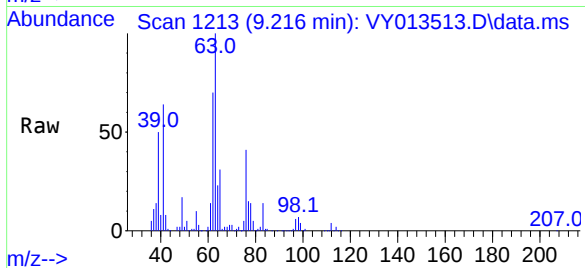
VSTDCCC050

Tgt Ion: 63 Resp: 187302

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#46

Dibromomethane

Concen: 53.873 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

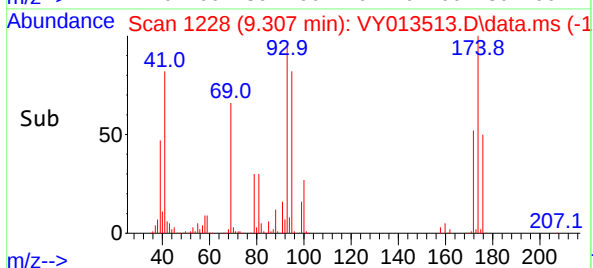
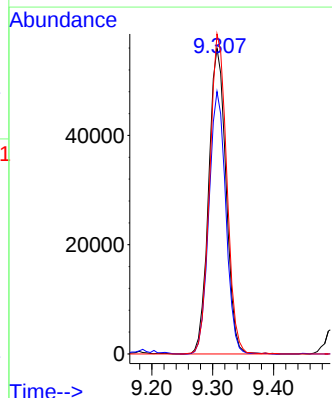
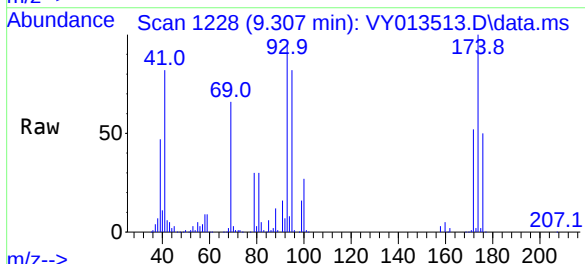
Tgt Ion: 93 Resp: 110447

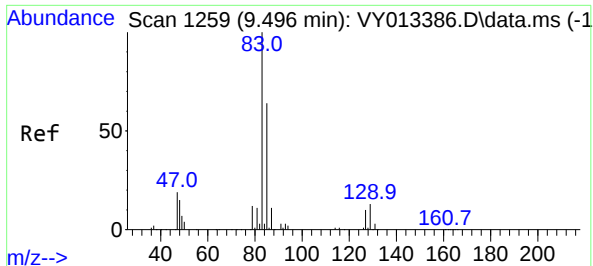
Ion Ratio Lower Upper

93 100

95 83.7 67.1 100.7

174 103.4 87.0 130.4

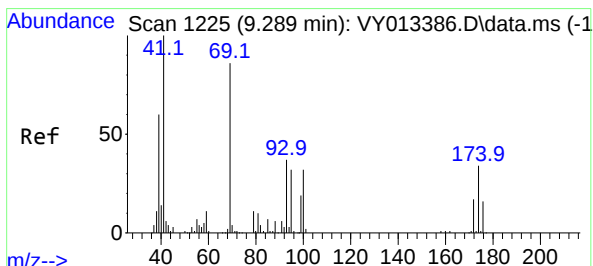
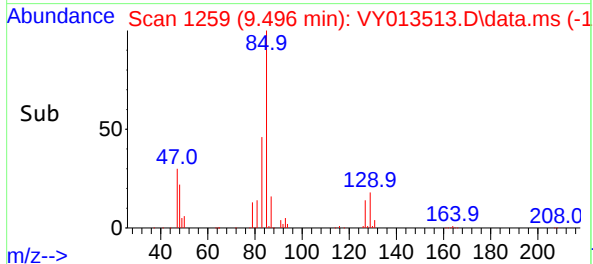
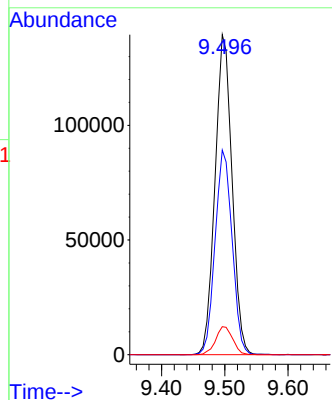
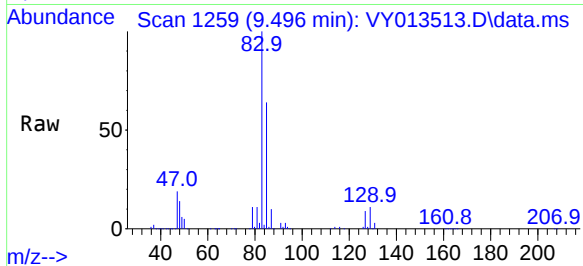




#47
Bromodichloromethane
Concen: 56.640 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

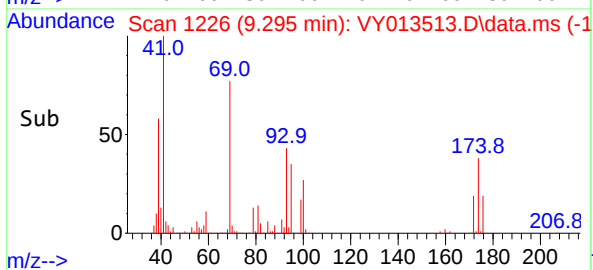
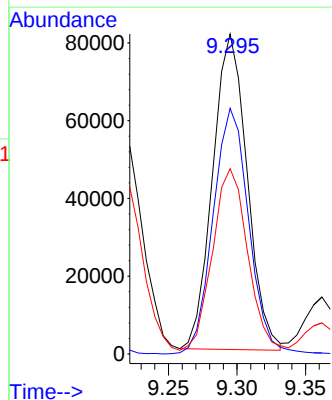
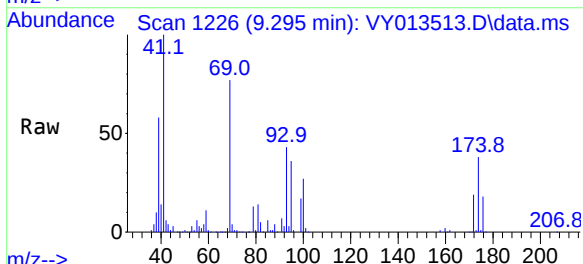
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

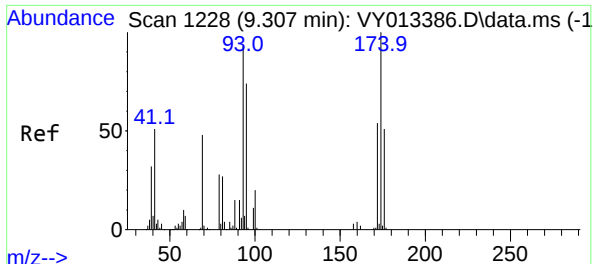
Tgt Ion: 83 Resp: 259830
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2
127 8.7 8.1 12.1



#48
Methyl methacrylate
Concen: 52.322 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 41 Resp: 141994
Ion Ratio Lower Upper
41 100
69 80.8 70.2 105.4
39 58.8 47.9 71.9





#49

1,4-Dioxane

Concen: 1059.837 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

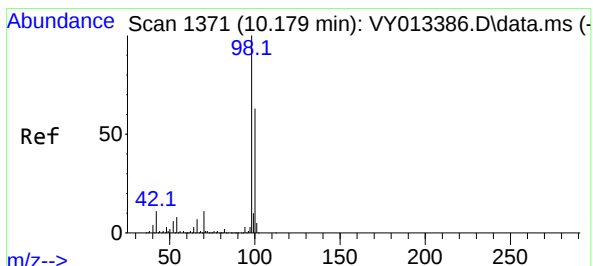
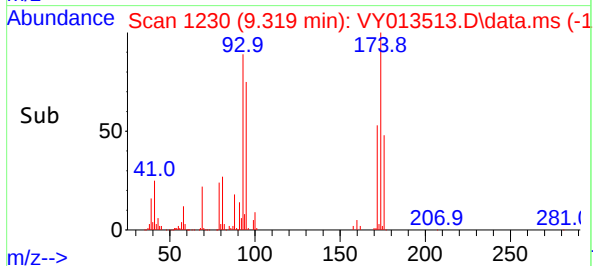
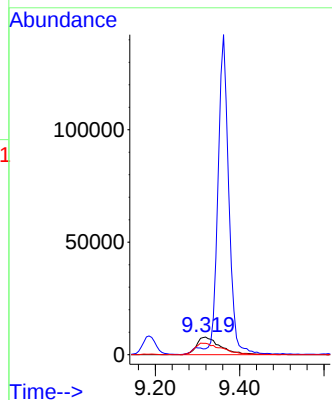
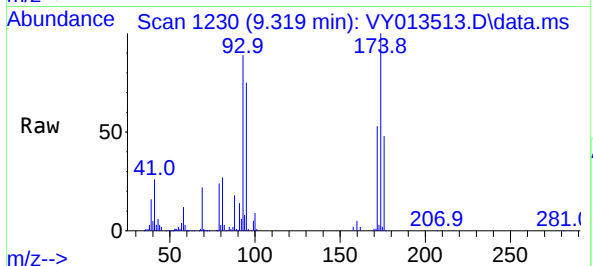
Tgt Ion: 88 Resp: 31032

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 75.3 54.3 81.5



#50

Toluene-d8

Concen: 52.100 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013513.D

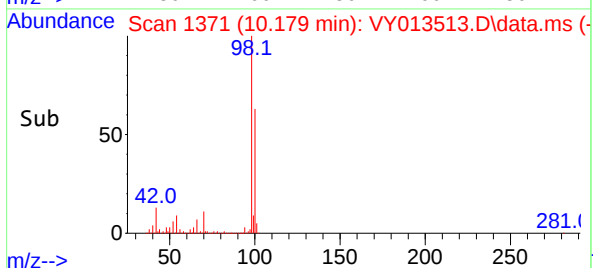
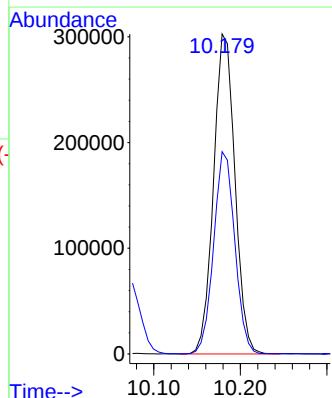
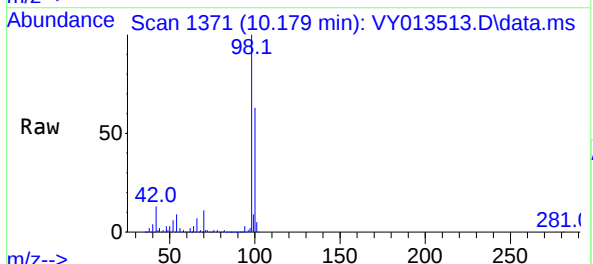
Acq: 28 Apr 2023 09:40

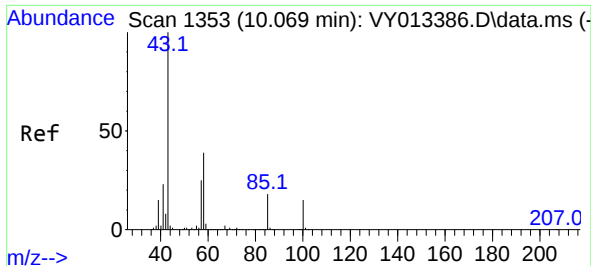
Tgt Ion: 98 Resp: 519525

Ion Ratio Lower Upper

98 100

100 62.6 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 269.239 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

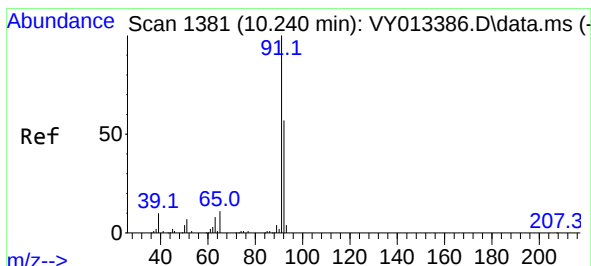
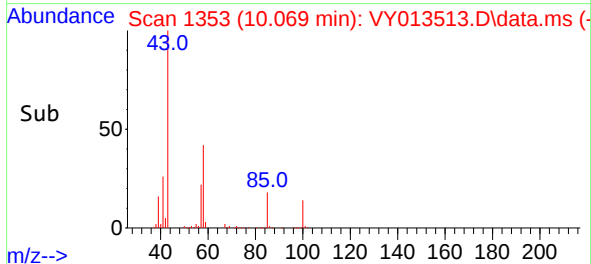
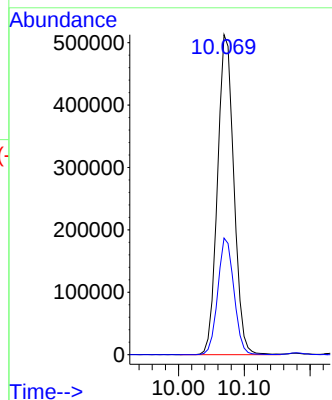
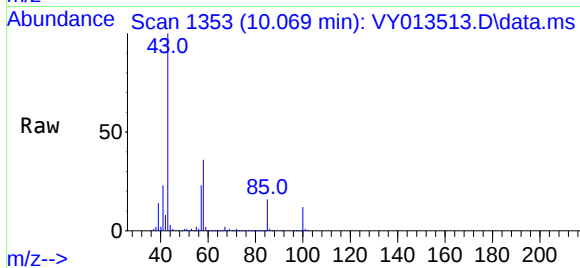
VSTDCCC050

Tgt Ion: 43 Resp: 886557

Ion Ratio Lower Upper

43 100

58 36.0 30.6 46.0



#52

Toluene

Concen: 55.418 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY013513.D

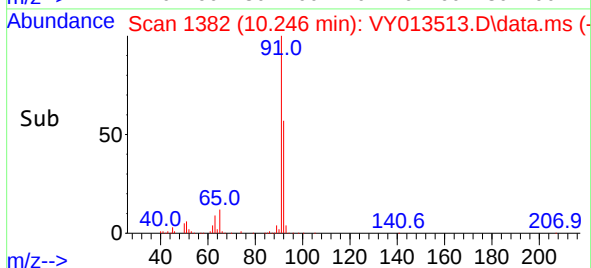
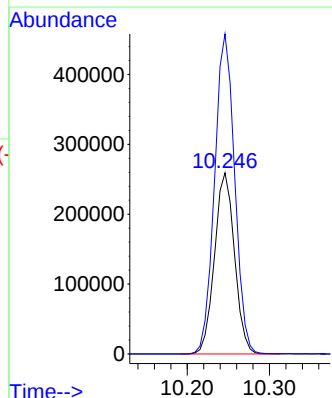
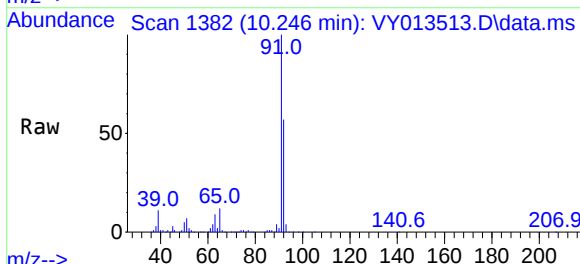
Acq: 28 Apr 2023 09:40

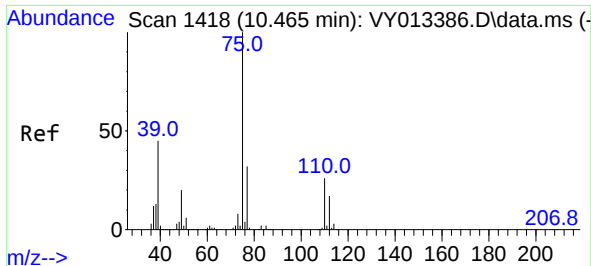
Tgt Ion: 92 Resp: 437023

Ion Ratio Lower Upper

92 100

91 178.0 140.2 210.4

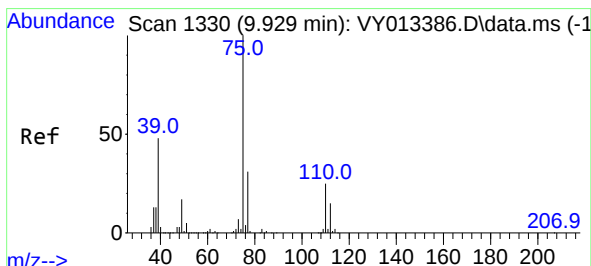
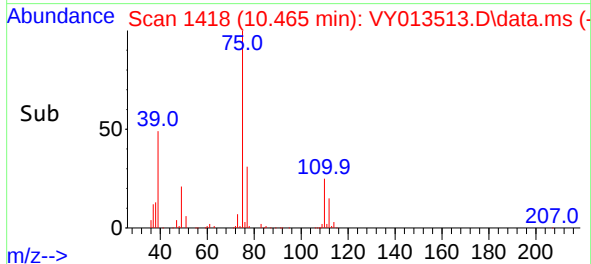
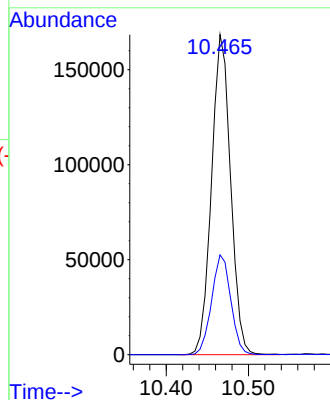
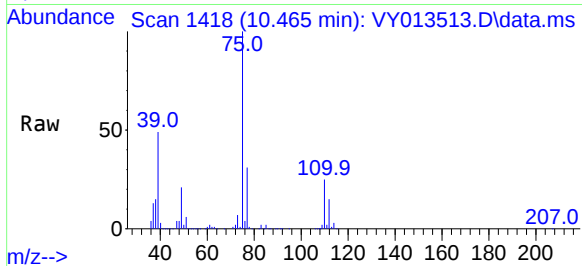




#53
 t-1,3-Dichloropropene
 Concen: 55.821 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013513.D
 Acq: 28 Apr 2023 09:40

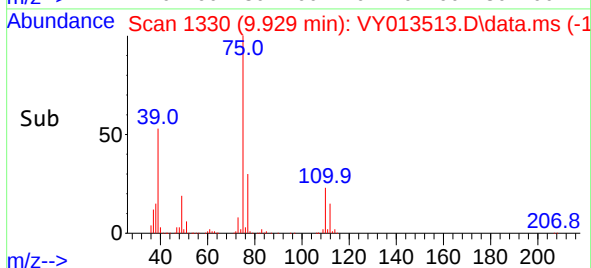
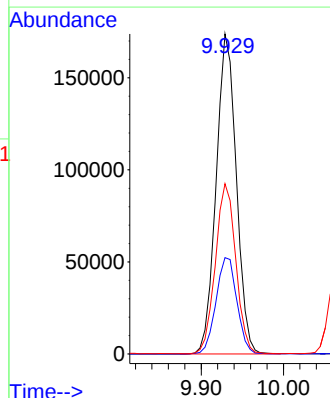
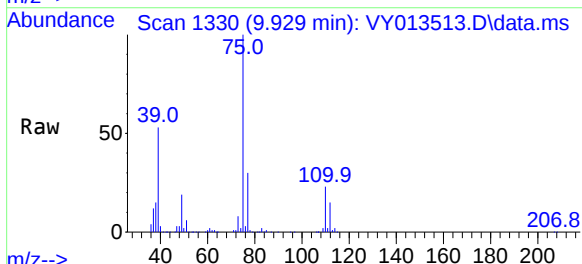
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

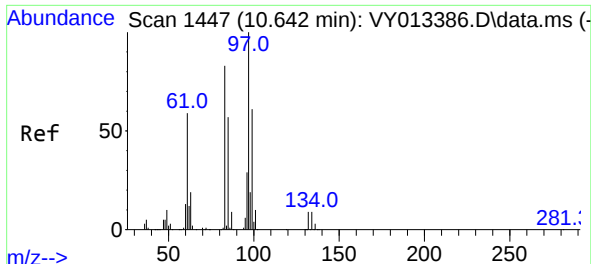
Tgt Ion: 75 Resp: 271011
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.187 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013513.D
 Acq: 28 Apr 2023 09:40

Tgt Ion: 75 Resp: 296028
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.8 37.2
 39 53.1 38.1 57.1



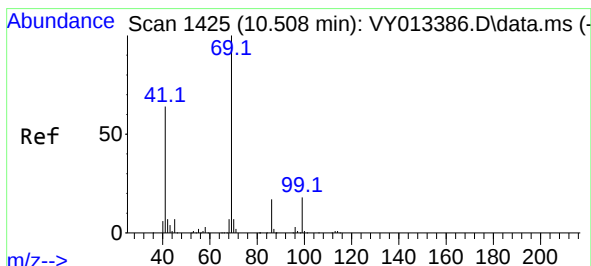
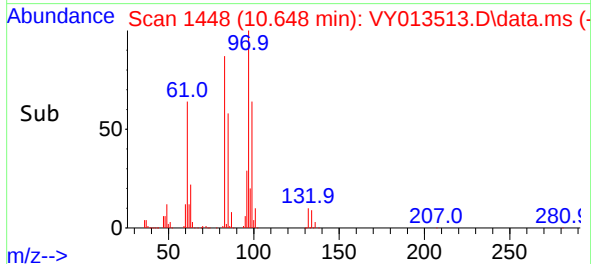
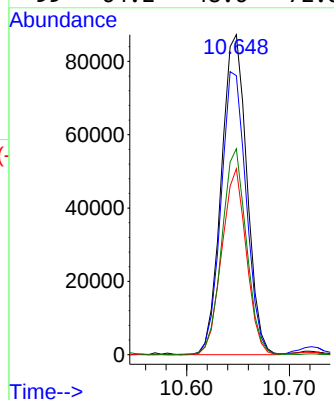
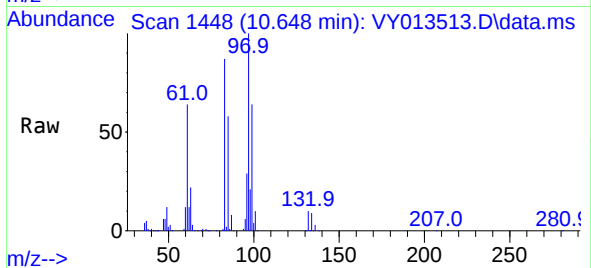


#55
1,1,2-Trichloroethane
Concen: 55.490 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 150654

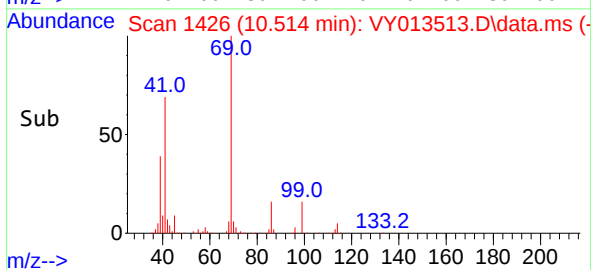
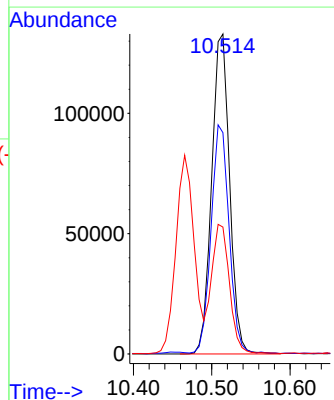
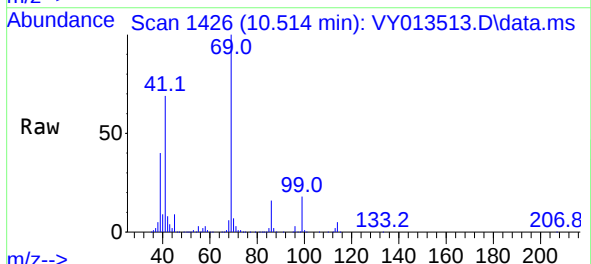
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.4	99.6
85	58.1	45.6	68.4
99	64.2	48.6	72.8

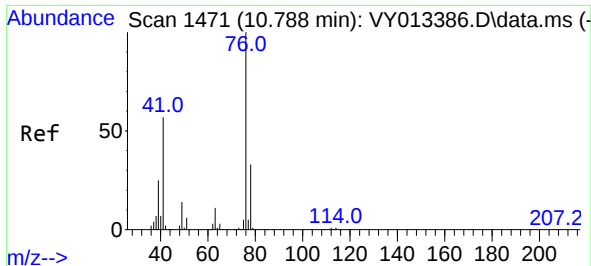


#56
Ethyl methacrylate
Concen: 56.172 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 69 Resp: 211578

Ion	Ratio	Lower	Upper
69	100		
41	71.9	51.4	77.0
39	40.2	29.0	43.6





#57

1,3-Dichloropropane

Concen: 55.318 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

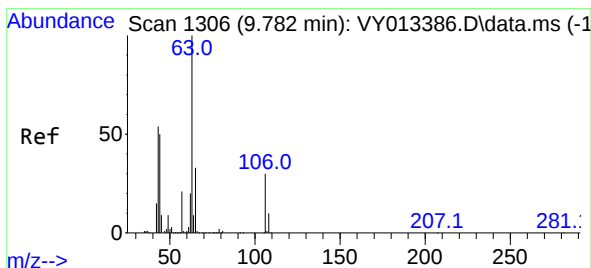
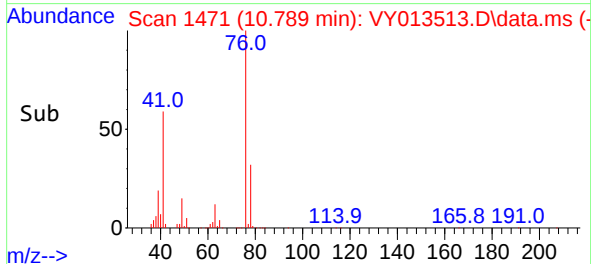
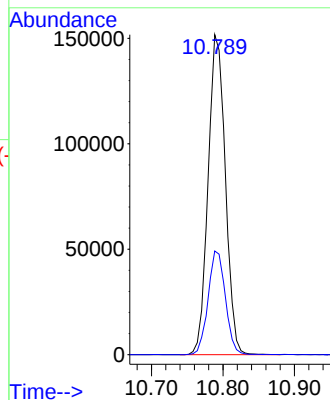
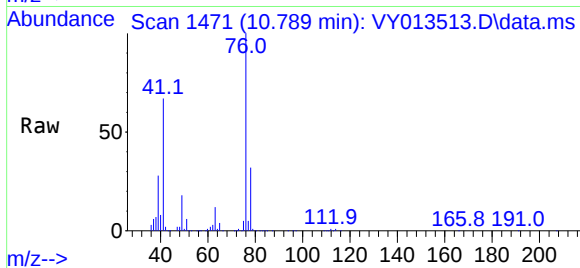
VSTDCCC050

Tgt Ion: 76 Resp: 254354

Ion Ratio Lower Upper

76 100

78 32.5 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 253.325 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013513.D

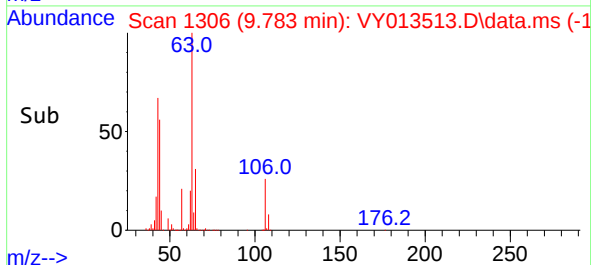
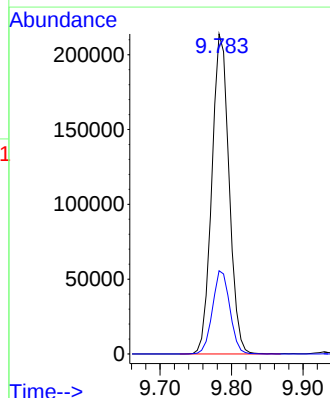
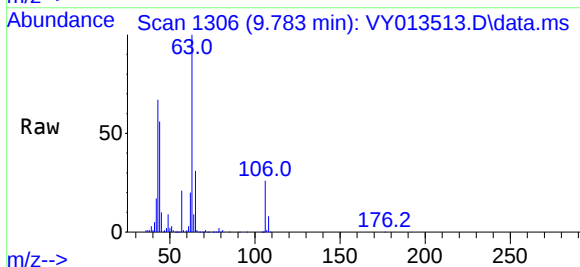
Acq: 28 Apr 2023 09:40

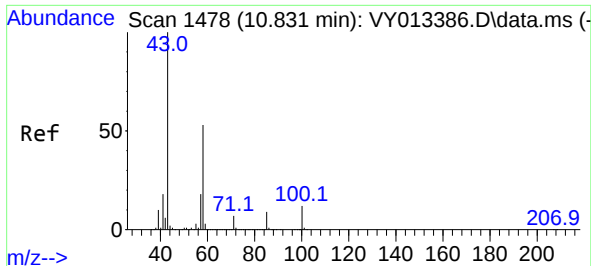
Tgt Ion: 63 Resp: 357800

Ion Ratio Lower Upper

63 100

106 26.1 23.5 35.3

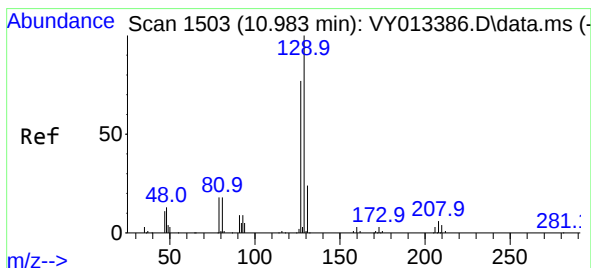
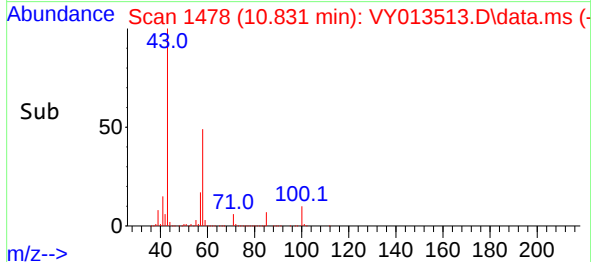
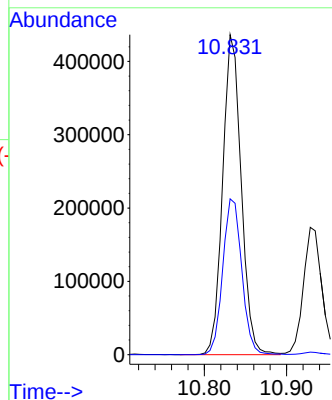
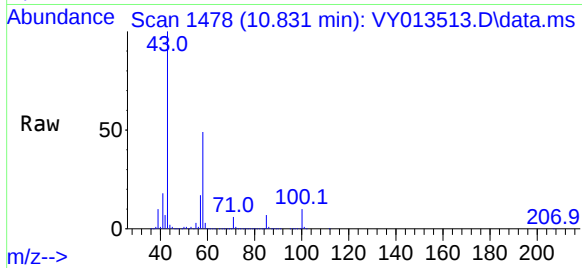




#59
2-Hexanone
Concen: 285.592 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

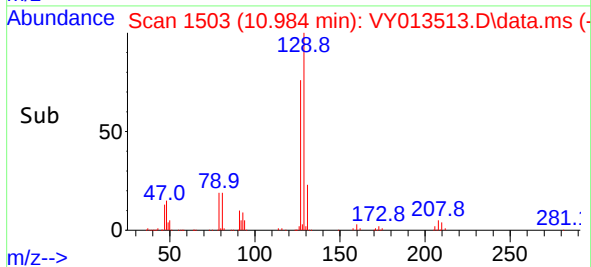
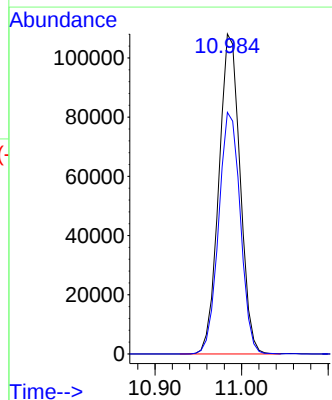
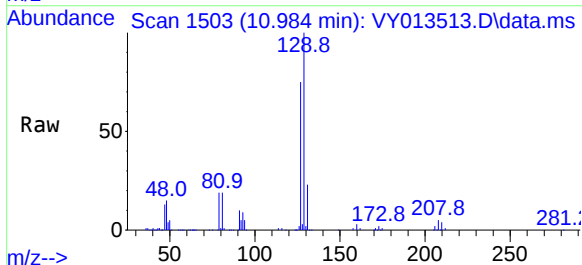
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

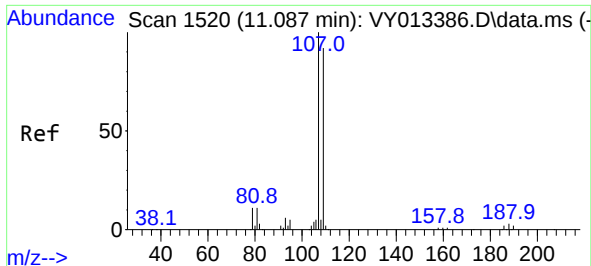
Tgt Ion: 43 Resp: 683600
Ion Ratio Lower Upper
43 100
58 50.1 26.3 78.8



#60
Dibromochloromethane
Concen: 55.859 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 129 Resp: 184145
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

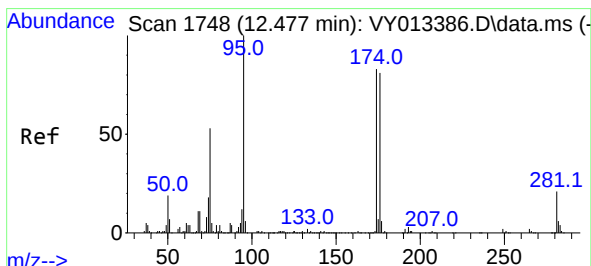
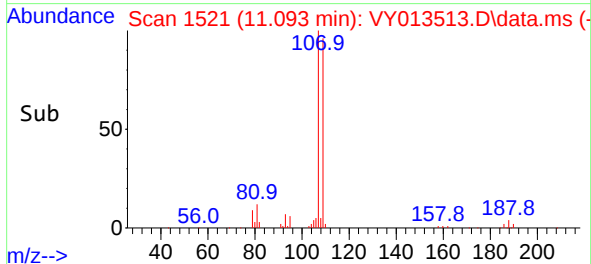
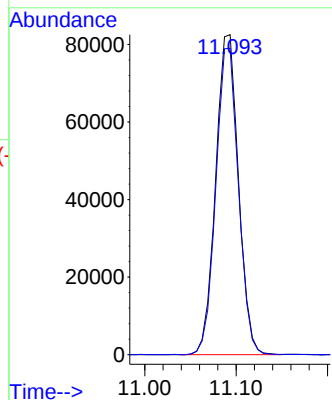
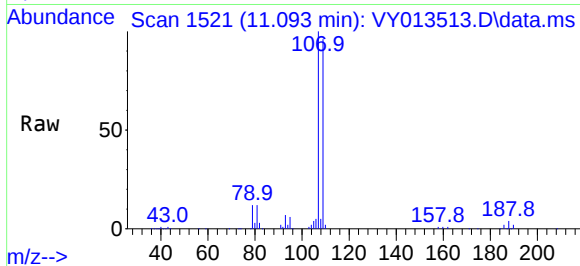




#61
1,2-Dibromoethane
Concen: 53.601 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

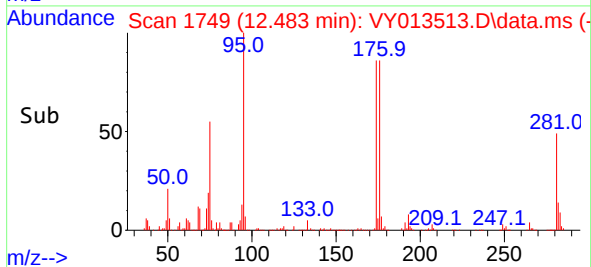
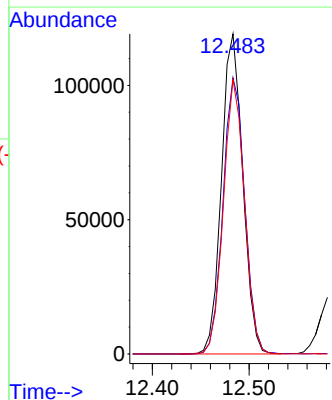
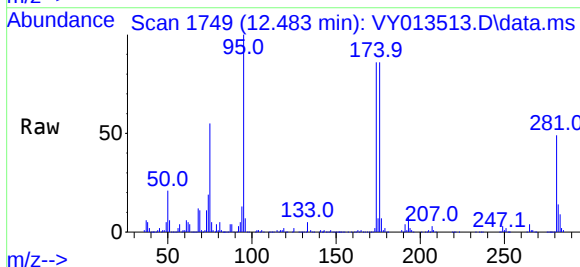
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

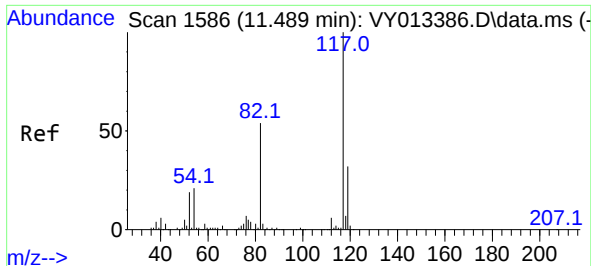
Tgt Ion:107 Resp: 143075
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.156 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 95 Resp: 182056
Ion Ratio Lower Upper
95 100
174 88.0 0.0 182.0
176 84.9 0.0 175.4

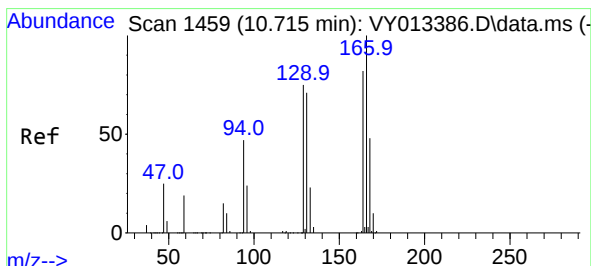
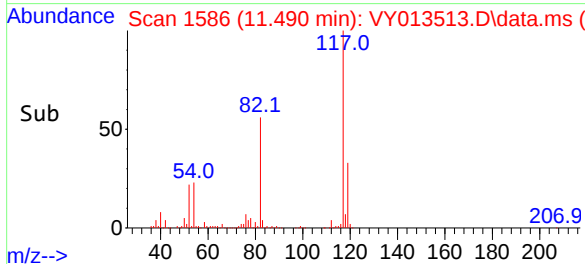
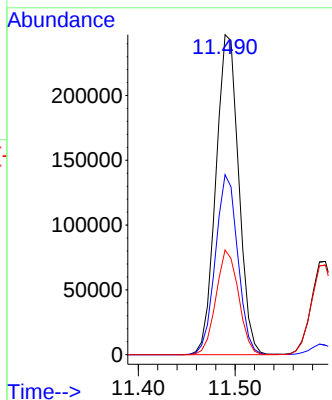
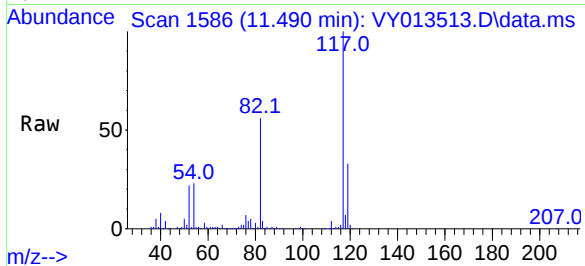




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

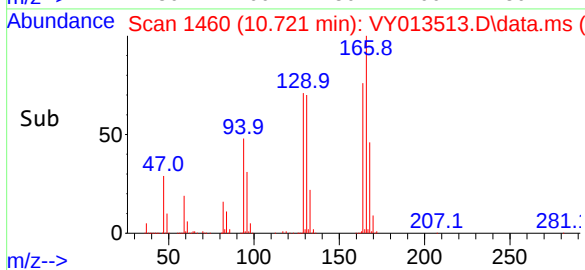
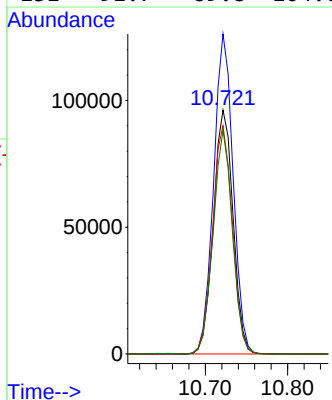
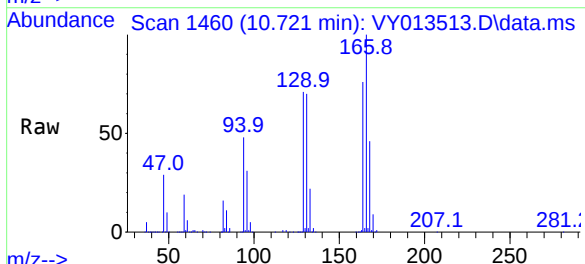
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

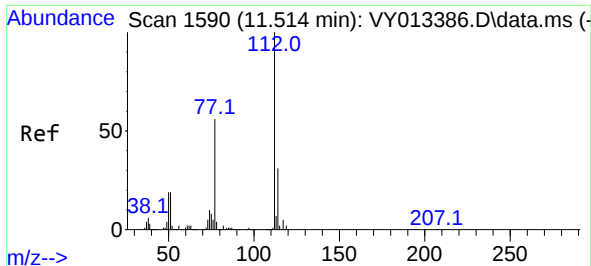
Tgt Ion:117 Resp: 404985
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.6
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 52.101 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:164 Resp: 160448
Ion Ratio Lower Upper
164 100
166 131.2 97.5 146.3
129 93.6 72.6 109.0
131 91.7 69.8 104.6

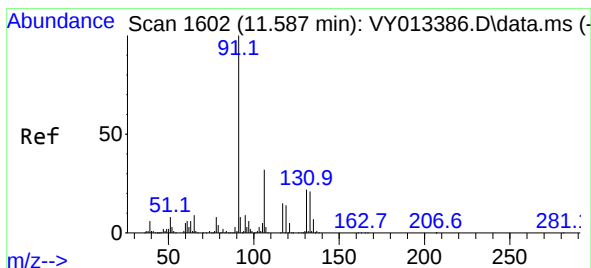
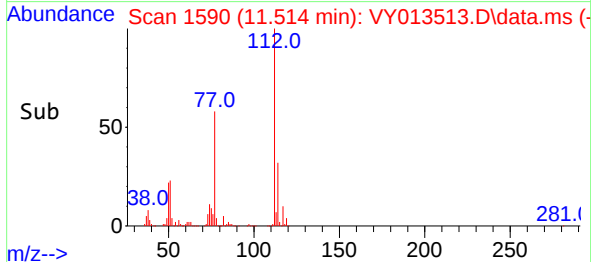
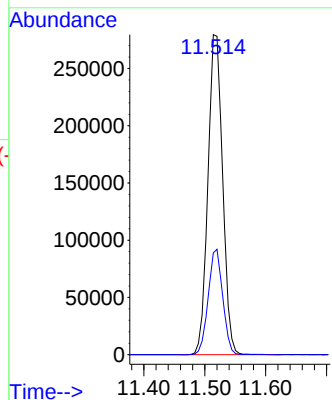
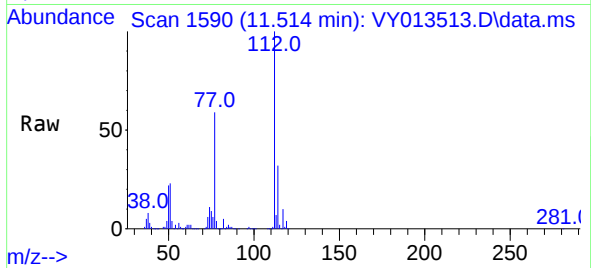




#65
Chlorobenzene
Concen: 53.197 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

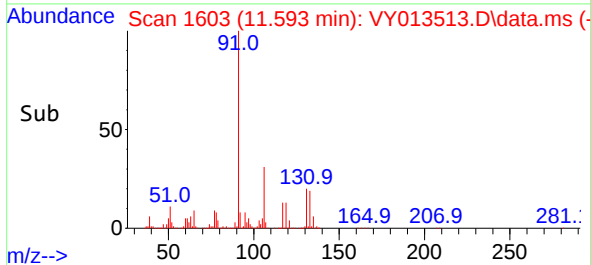
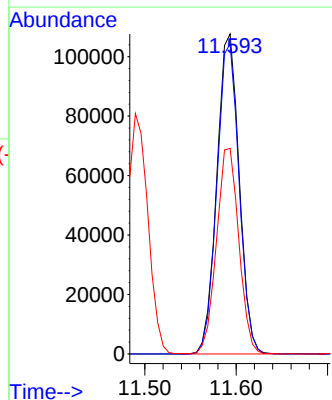
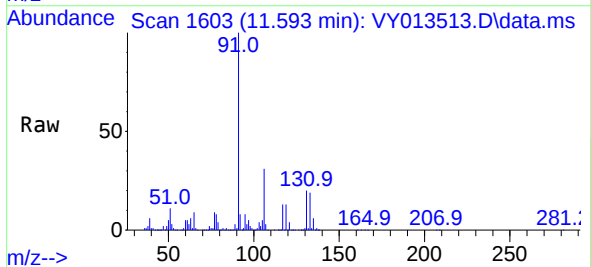
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

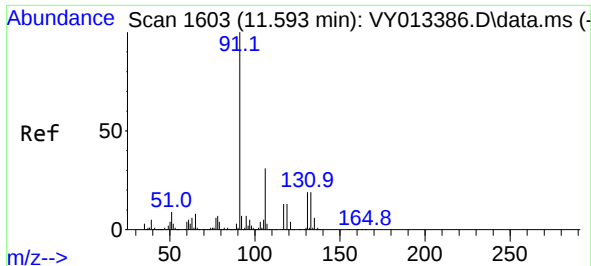
Tgt Ion:112 Resp: 469307
Ion Ratio Lower Upper
112 100
114 31.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.389 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:131 Resp: 182752
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 64.4 32.6 98.0

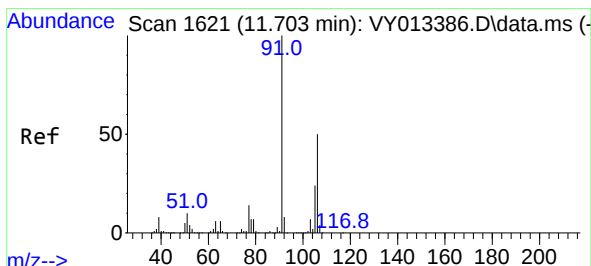
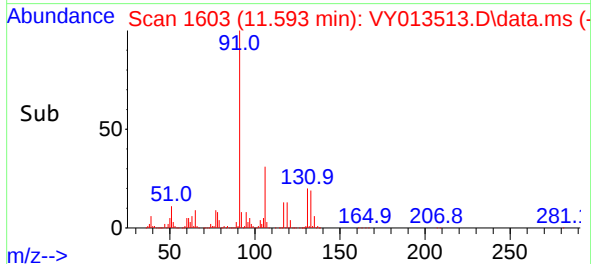
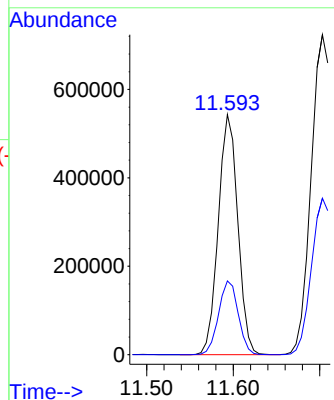
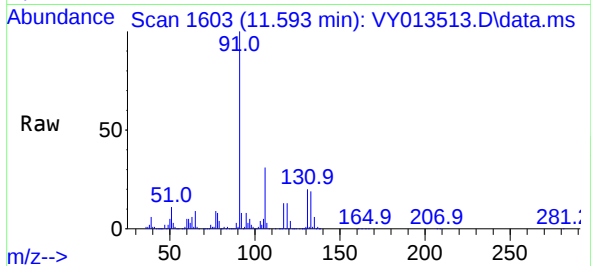




#67
Ethyl Benzene
Concen: 54.841 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

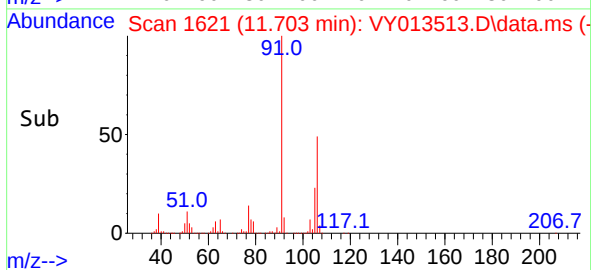
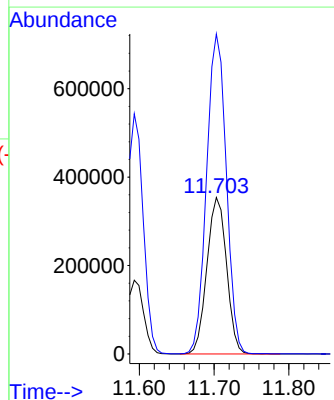
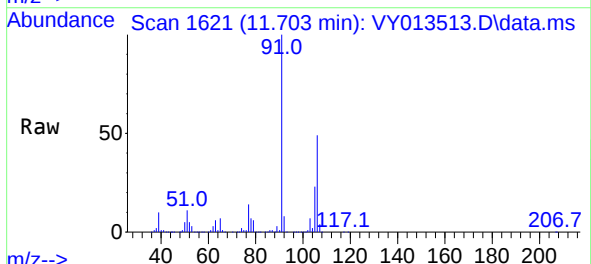
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

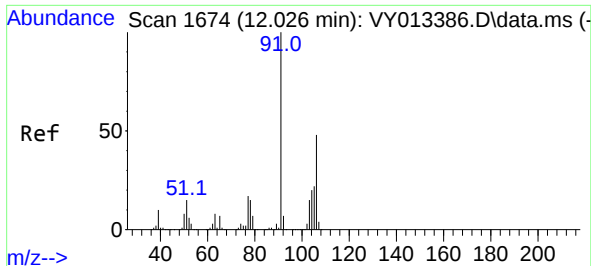
Tgt Ion: 91 Resp: 849576
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7



#68
m/p-Xylenes
Concen: 109.665 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 106 Resp: 645843
Ion Ratio Lower Upper
106 100
91 205.2 160.9 241.3

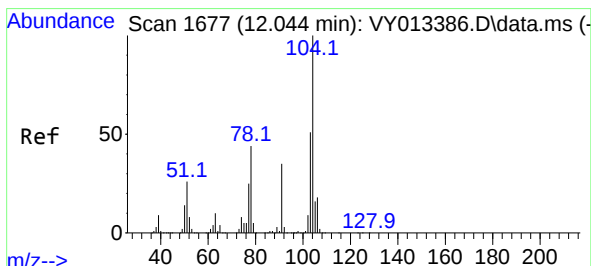
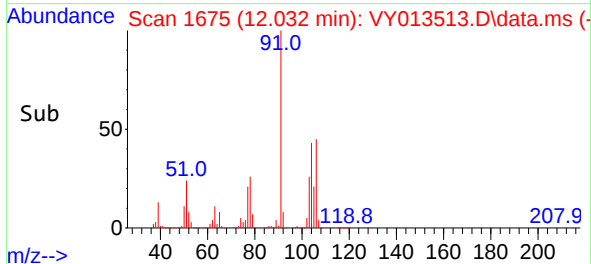
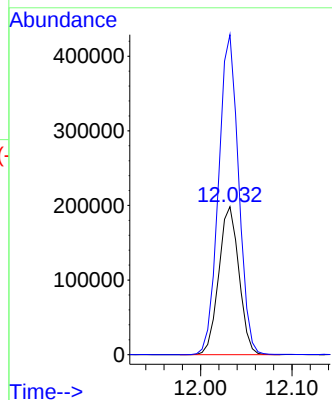
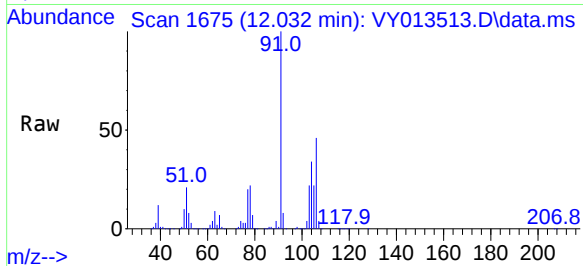




#69
o-Xylene
Concen: 54.736 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

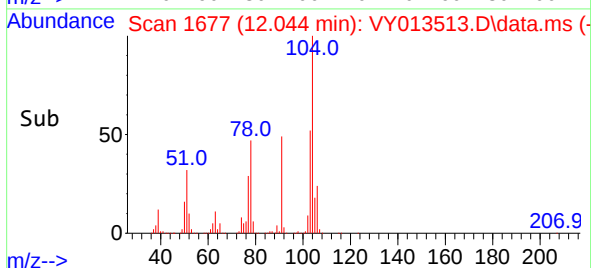
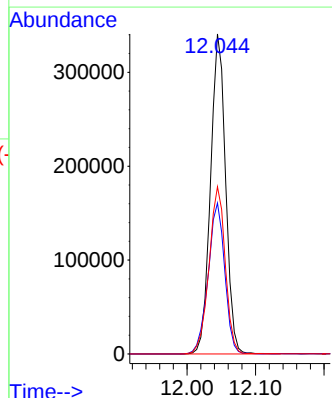
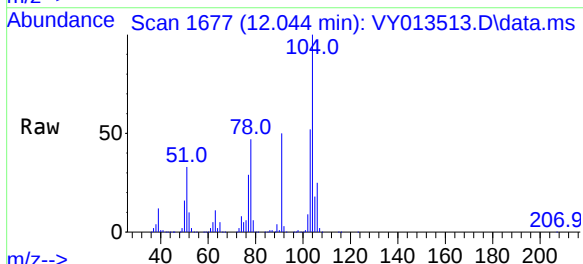
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

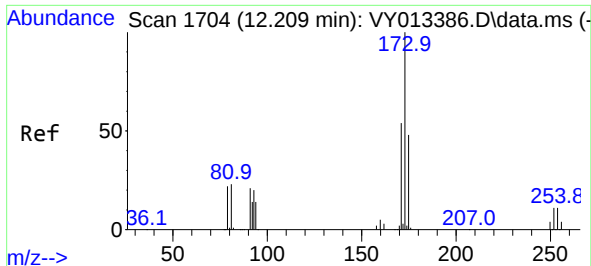
Tgt Ion:106 Resp: 304864
Ion Ratio Lower Upper
106 100
91 215.0 105.5 316.4



#70
Styrene
Concen: 56.193 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:104 Resp: 523311
Ion Ratio Lower Upper
104 100
78 51.7 40.3 60.5
103 56.3 45.0 67.4

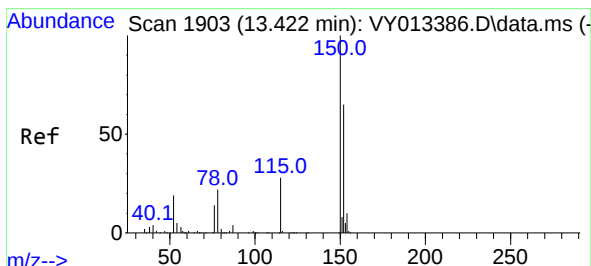
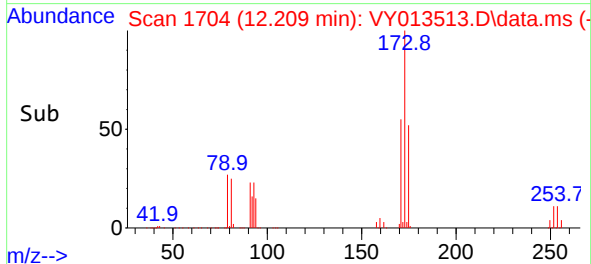
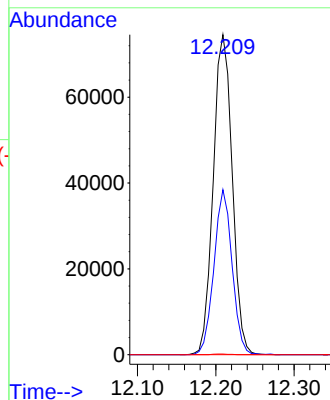
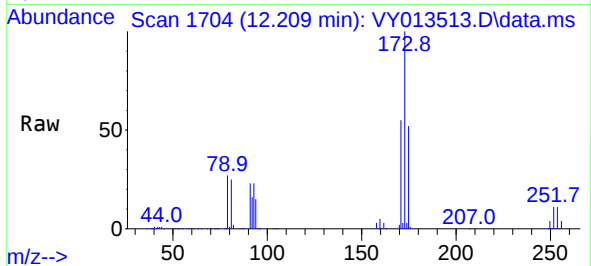




#71
Bromoform
Concen: 54.360 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

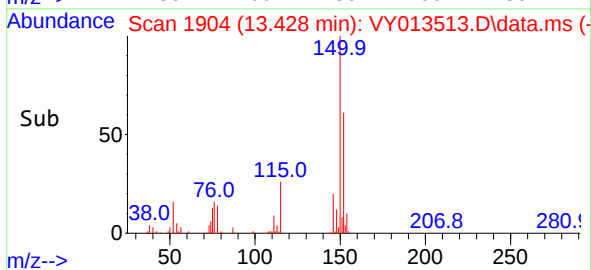
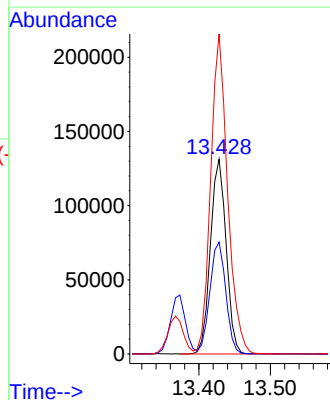
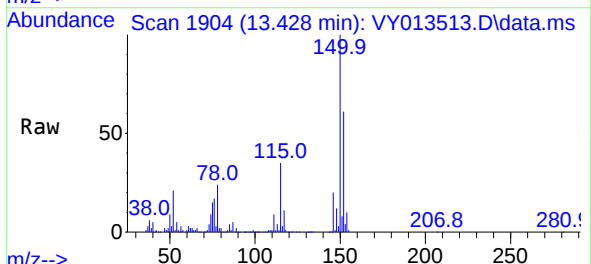
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

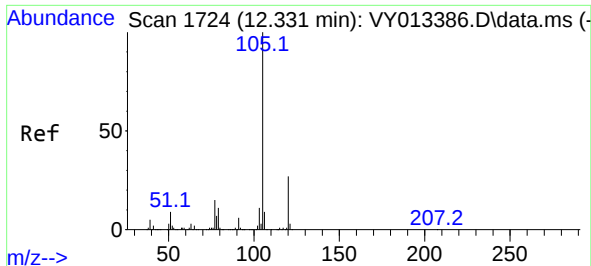
Tgt Ion:173 Resp: 125631
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:152 Resp: 200637
Ion Ratio Lower Upper
152 100
115 57.8 28.1 84.2
150 176.5 0.0 352.0

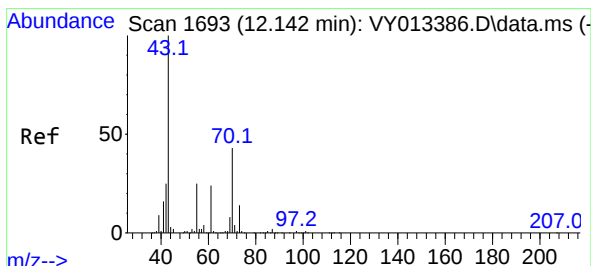
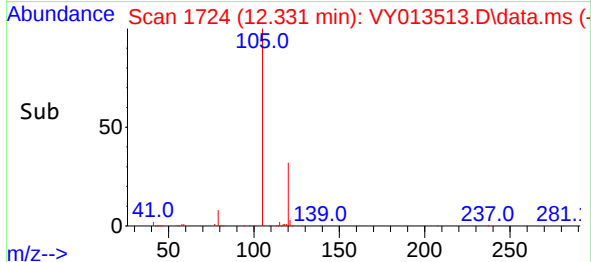
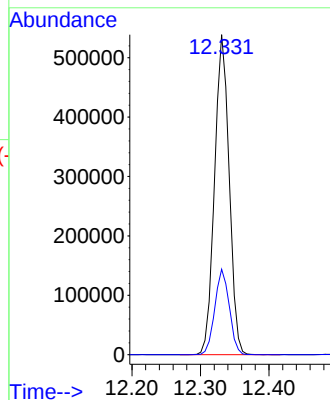
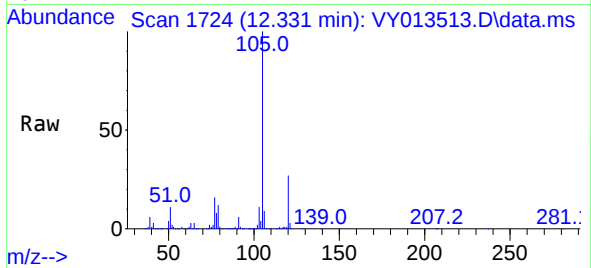




#73
Isopropylbenzene
Concen: 52.462 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

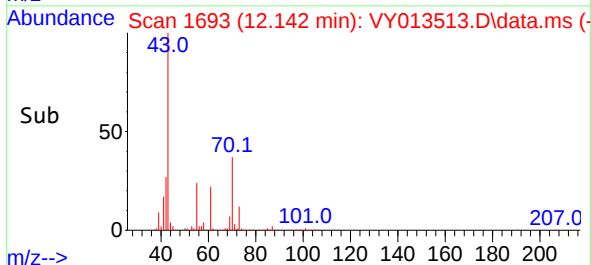
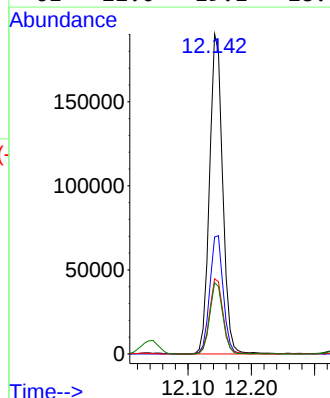
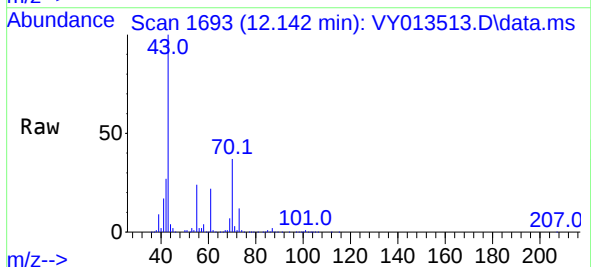
Instrument :
MSVOA_Y
ClientSampleId :
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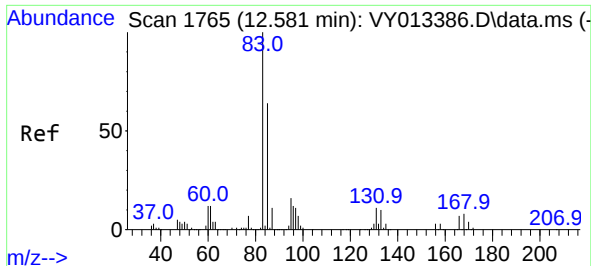
Tgt Ion:105 Resp: 796138
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0



#74
N-ethyl acetate
Concen: 51.059 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 43 Resp: 275738
Ion Ratio Lower Upper
43 100
70 37.8 33.0 49.4
55 24.0 19.8 29.6
61 22.0 19.1 28.7

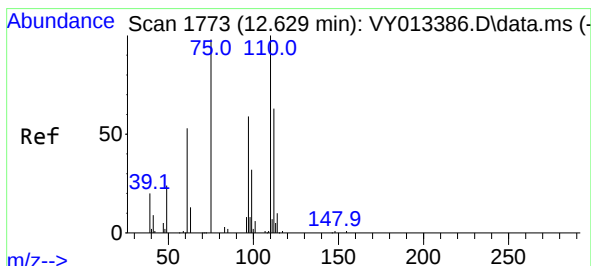
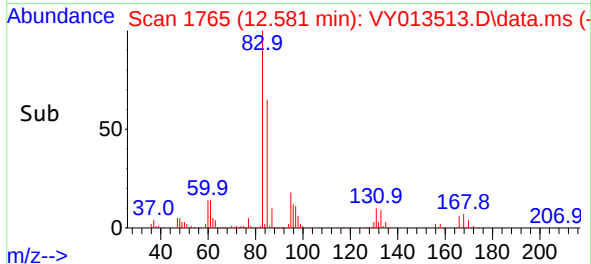
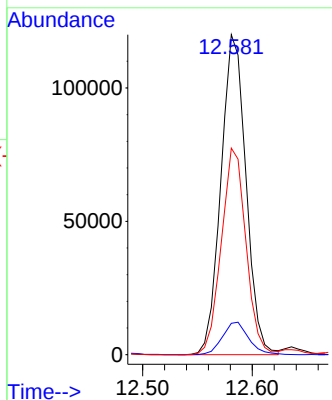
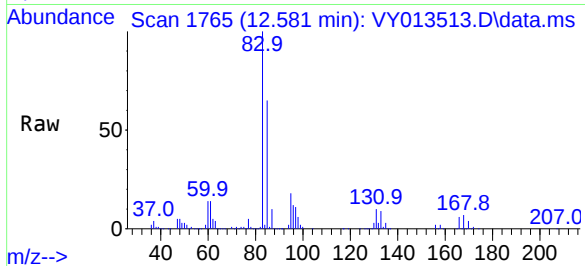




#75
1,1,2,2-Tetrachloroethane
Concen: 51.353 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

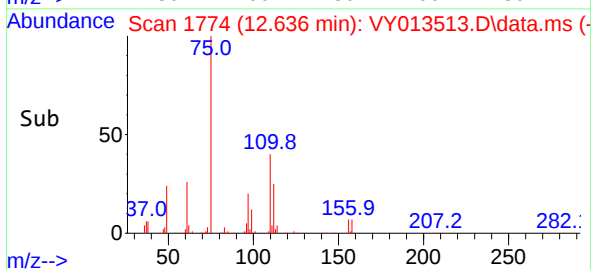
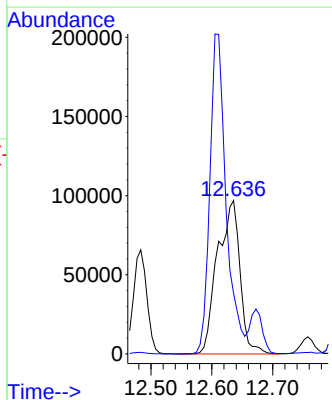
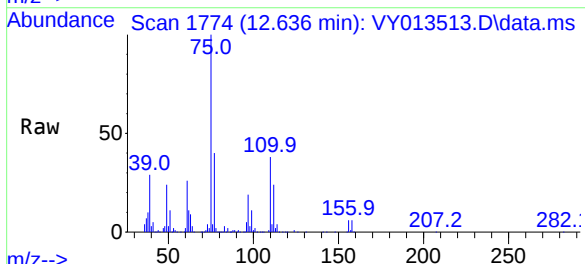
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

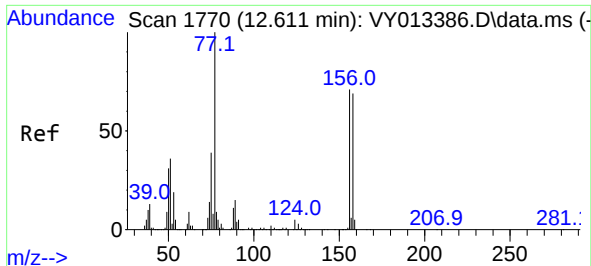
Tgt Ion: 83 Resp: 190483
Ion Ratio Lower Upper
83 100
131 10.7 5.7 17.0
85 63.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 91.908 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 75 Resp: 248688
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

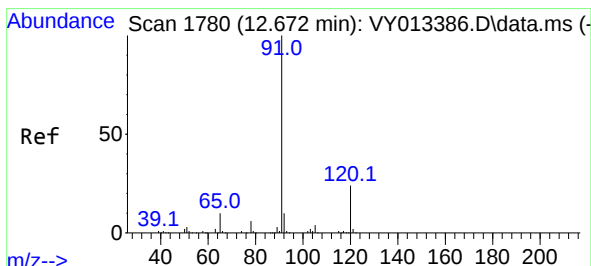
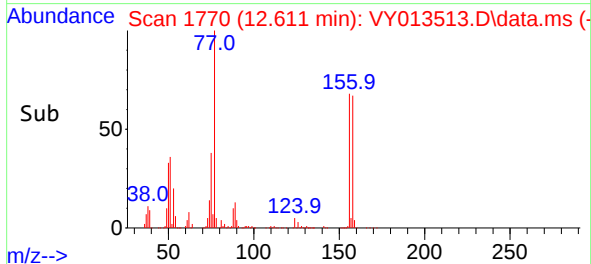
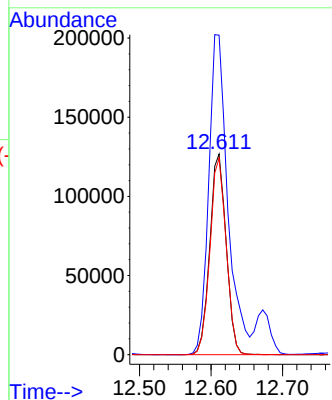
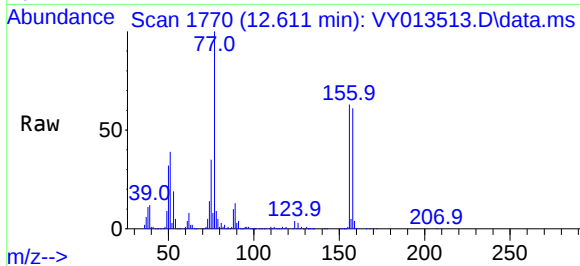




#77
Bromobenzene
Concen: 54.809 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

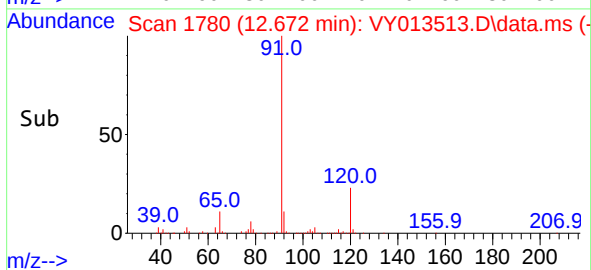
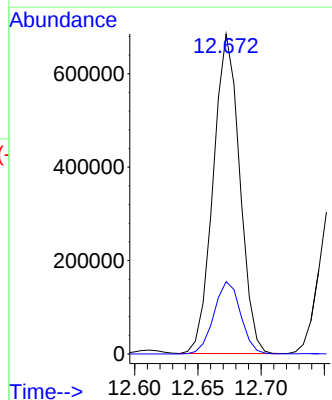
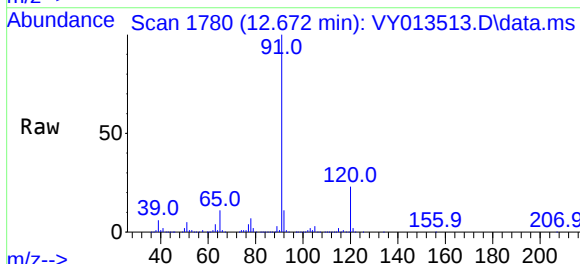
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

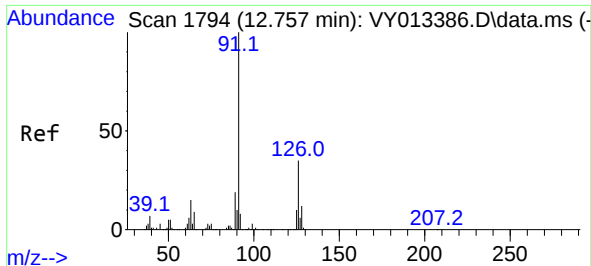
Tgt Ion:156 Resp: 201536
Ion Ratio Lower Upper
156 100
77 186.0 87.6 262.9
158 97.1 48.5 145.5



#78
n-propylbenzene
Concen: 53.273 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 91 Resp: 995775
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 52.919 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.001 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

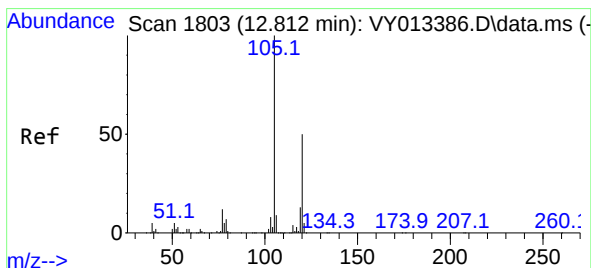
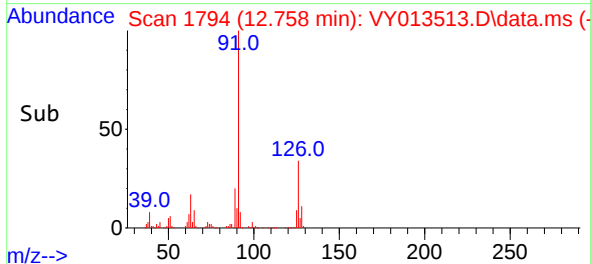
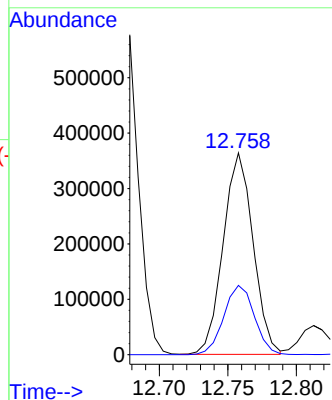
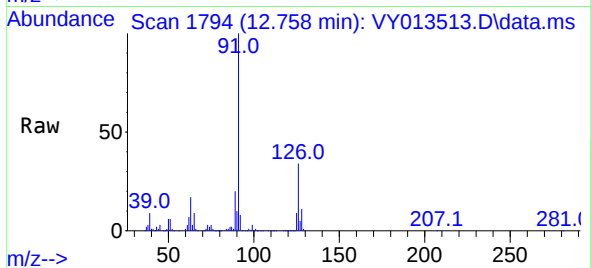
VSTDCCC050

Tgt Ion: 91 Resp: 552377

Ion Ratio Lower Upper

91 100

126 35.2 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 54.023 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013513.D

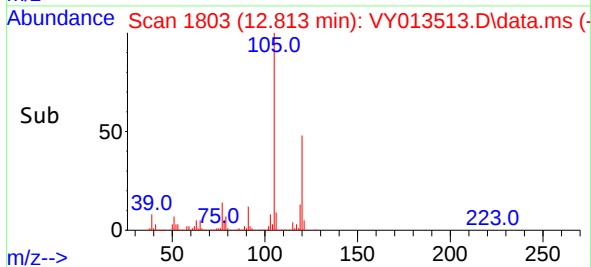
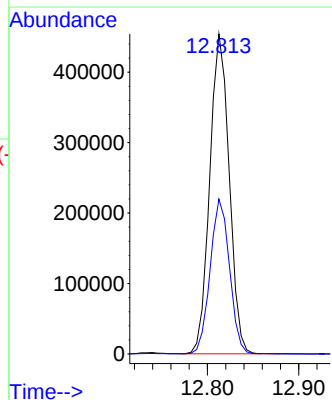
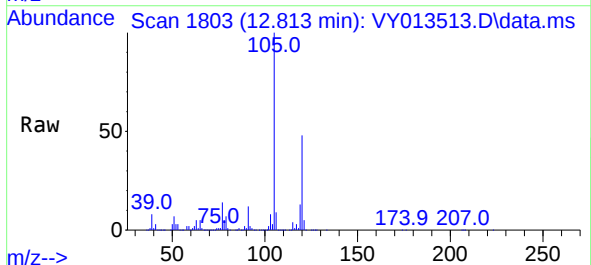
Acq: 28 Apr 2023 09:40

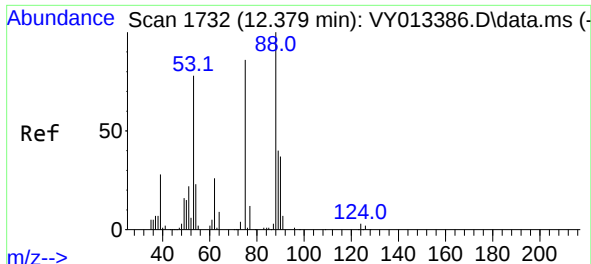
Tgt Ion:105 Resp: 669132

Ion Ratio Lower Upper

105 100

120 48.3 24.7 74.1

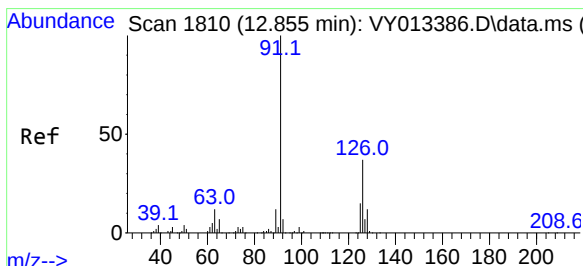
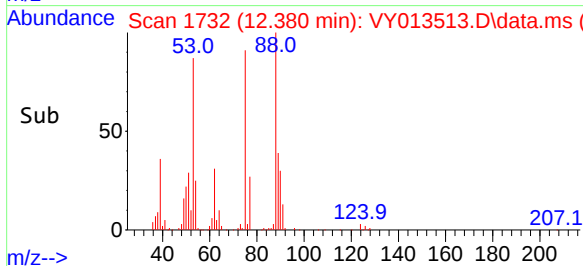
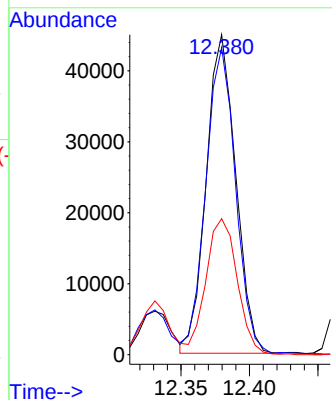
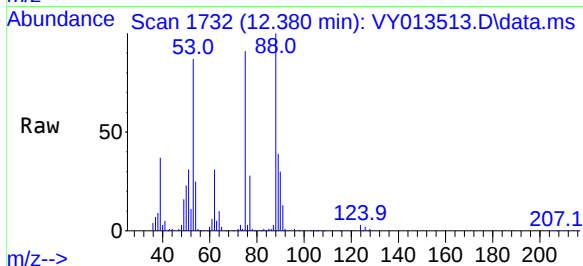




#81
trans-1,4-Dichloro-2-butene
Concen: 50.750 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

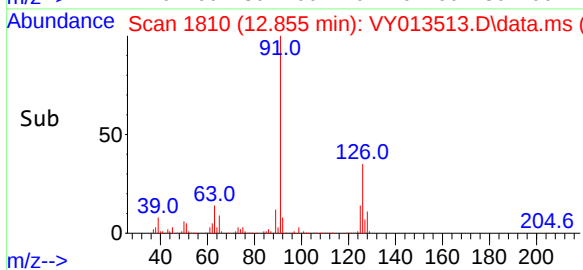
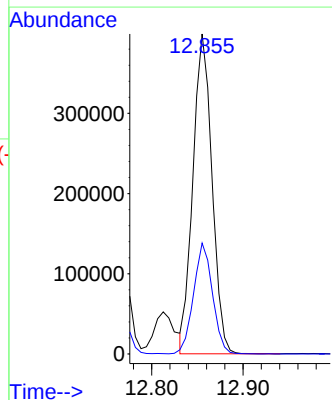
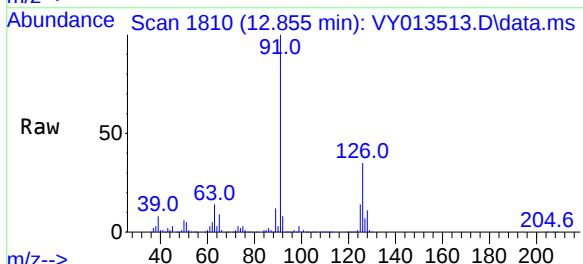
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

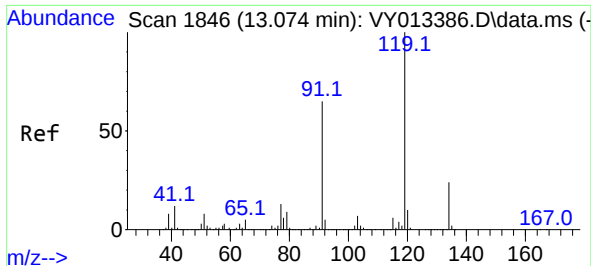
Tgt Ion: 75 Resp: 67131
Ion Ratio Lower Upper
75 100
53 97.8 73.2 109.8
89 45.1 38.0 57.0



#82
4-Chlorotoluene
Concen: 53.199 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 91 Resp: 578780
Ion Ratio Lower Upper
91 100
126 34.5 17.9 53.8

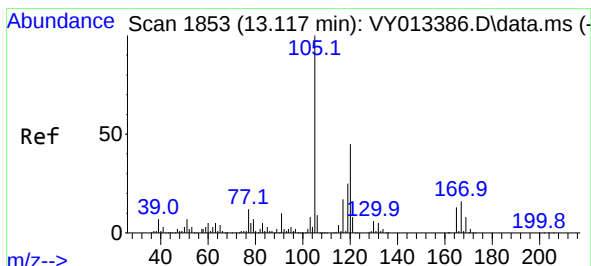
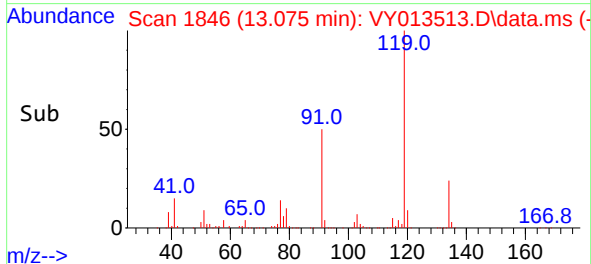
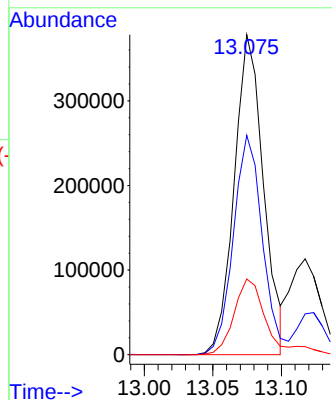
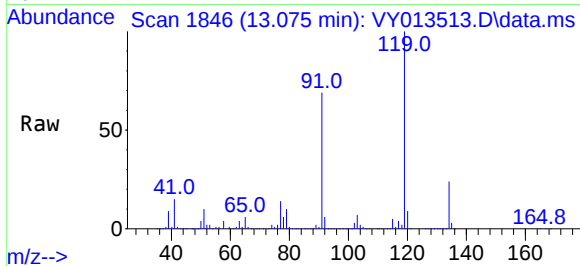




#83
tert-Butylbenzene
Concen: 52.523 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

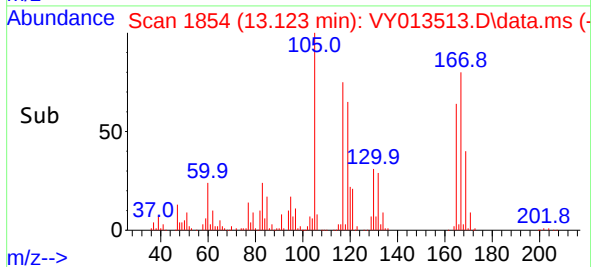
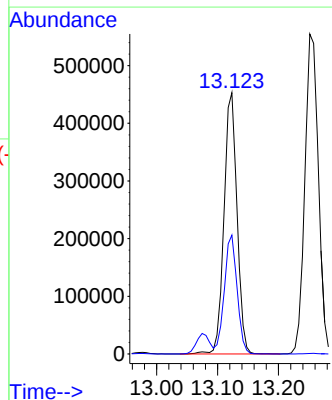
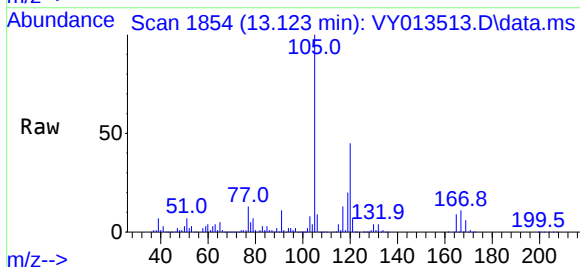
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

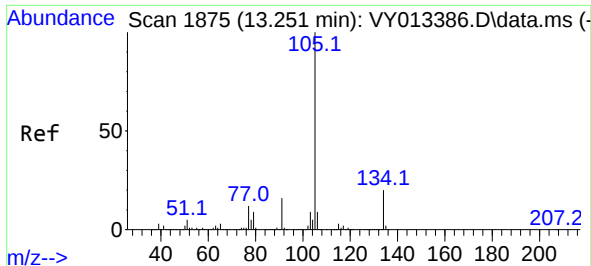
Tgt Ion:119 Resp: 563622
Ion Ratio Lower Upper
119 100
91 68.2 32.2 96.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 55.781 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:105 Resp: 671725
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9

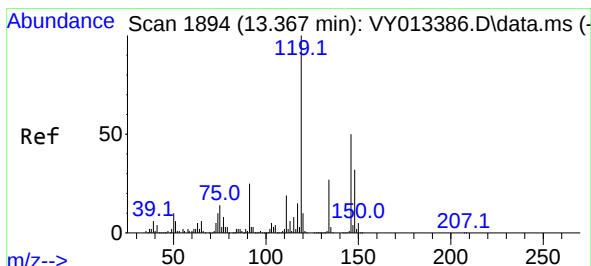
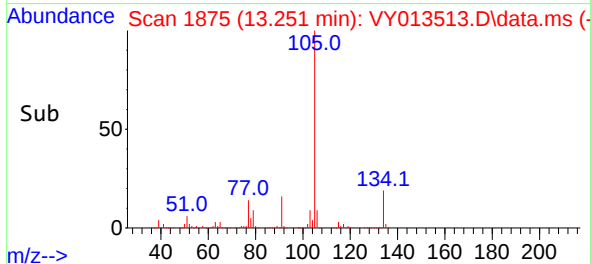
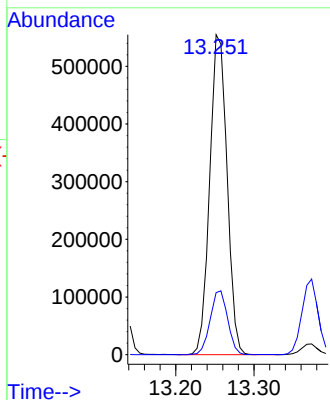
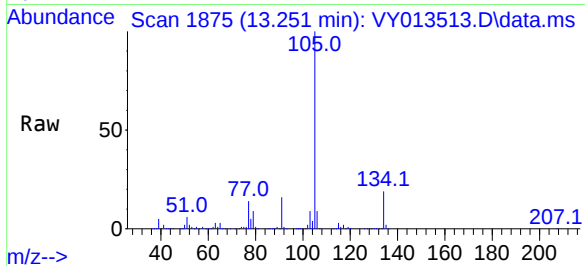




#85
 sec-Butylbenzene
 Concen: 52.938 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013513.D
 Acq: 28 Apr 2023 09:40

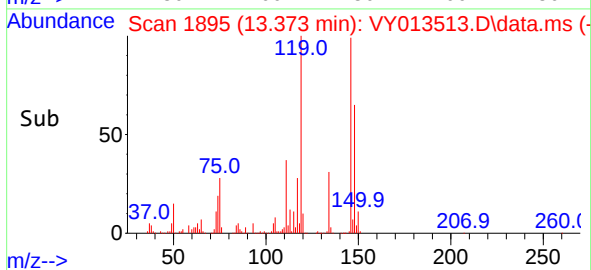
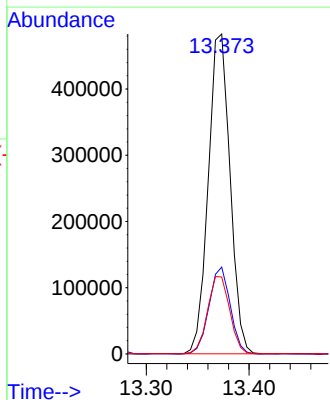
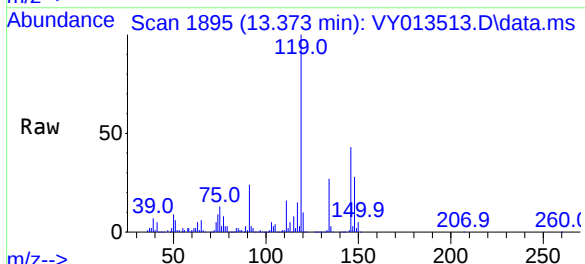
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

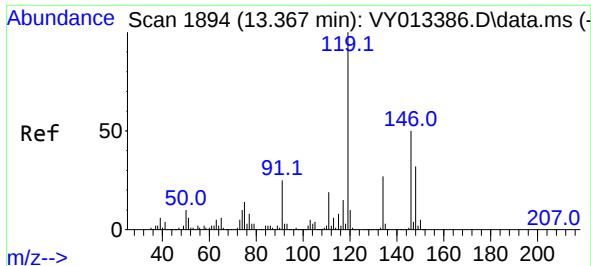
Tgt Ion:105 Resp: 852578
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 54.885 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY013513.D
 Acq: 28 Apr 2023 09:40

Tgt Ion:119 Resp: 710833
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.4 40.2
 91 24.5 12.1 36.3

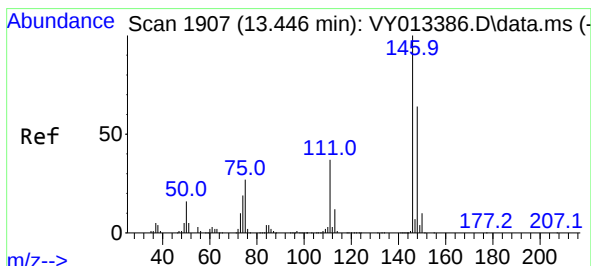
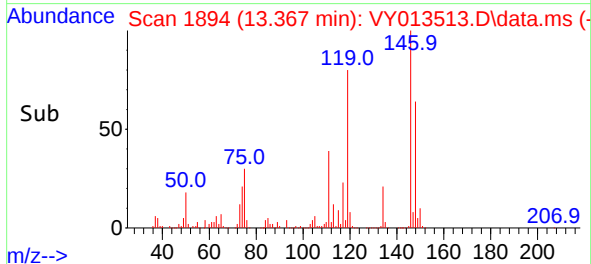
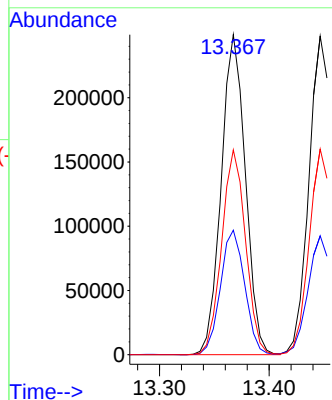
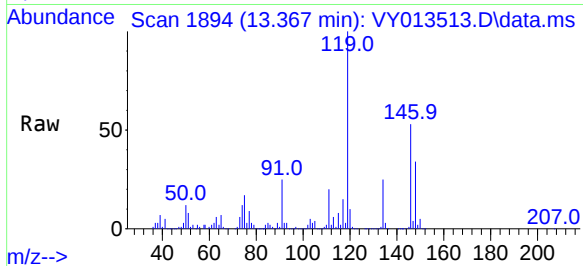




#87
1,3-Dichlorobenzene
Concen: 54.501 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

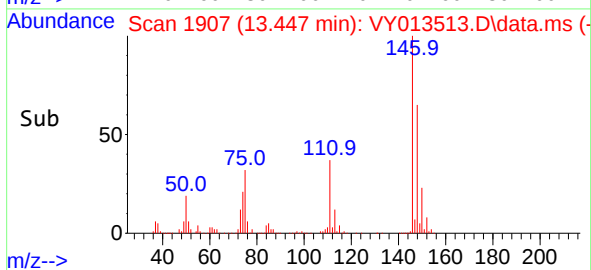
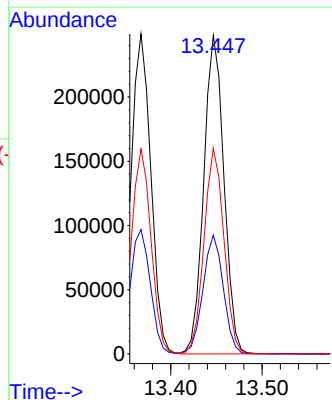
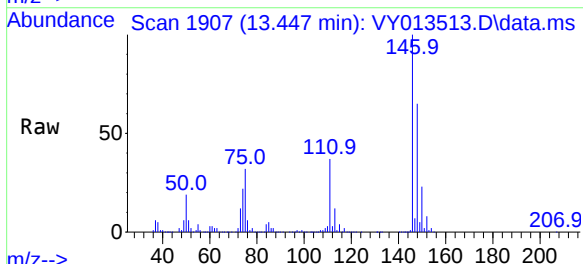
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

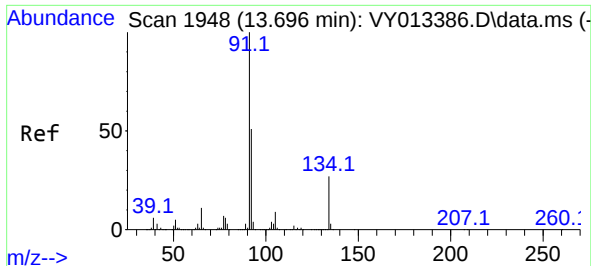
Tgt Ion:146 Resp: 381807
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.9
148 63.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 53.563 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:146 Resp: 379042
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.5
148 64.0 31.9 95.5

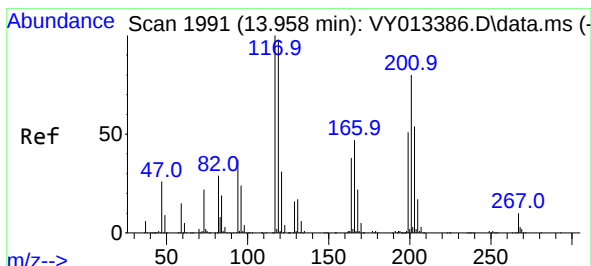
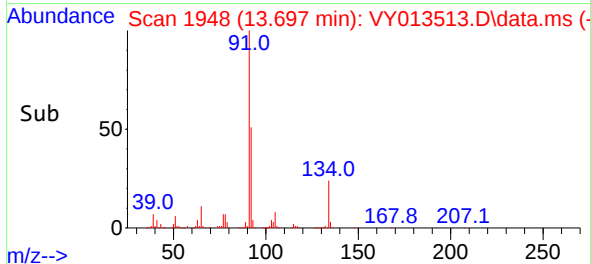
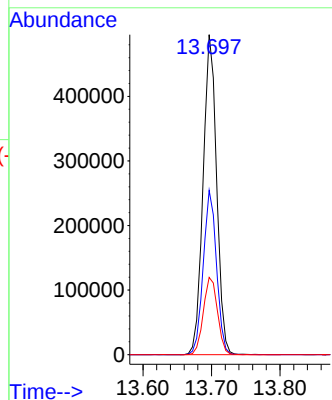
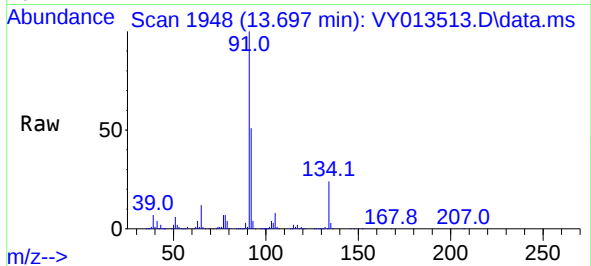




#89
n-Butylbenzene
Concen: 53.949 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

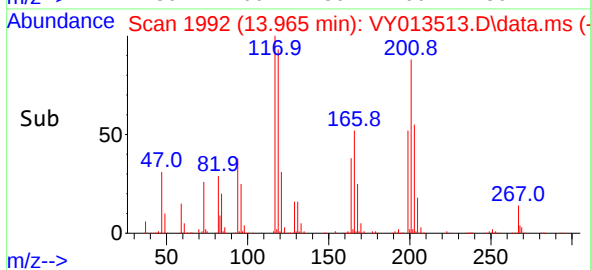
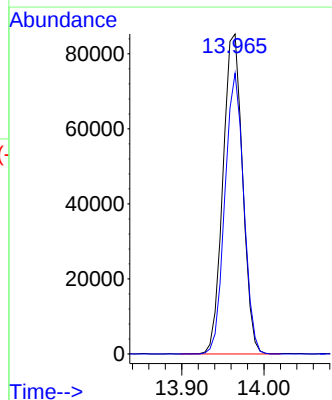
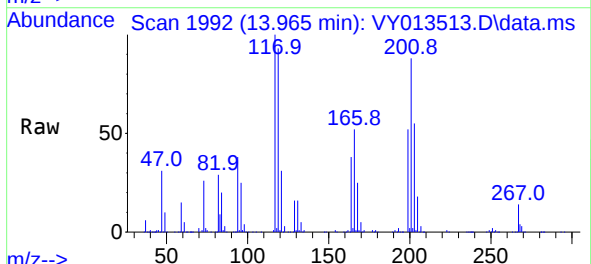
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

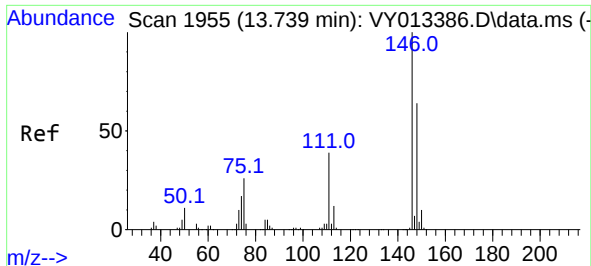
Tgt Ion: 91 Resp: 681951
Ion Ratio Lower Upper
91 100
92 50.5 25.8 77.3
134 25.3 13.5 40.4



#90
Hexachloroethane
Concen: 51.909 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.007 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion: 117 Resp: 141494
Ion Ratio Lower Upper
117 100
201 84.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 54.964 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

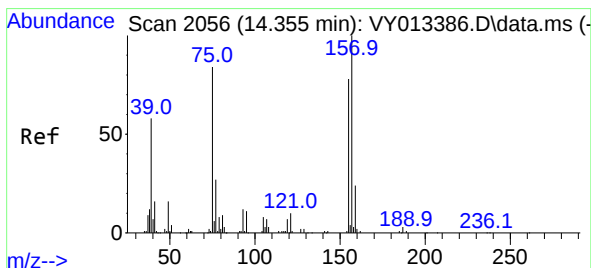
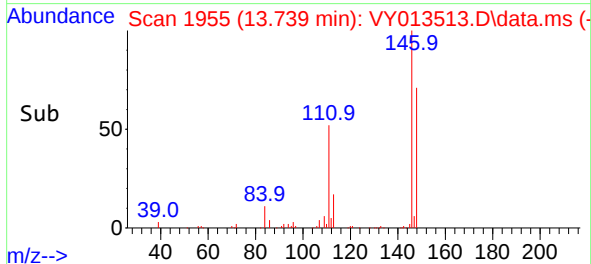
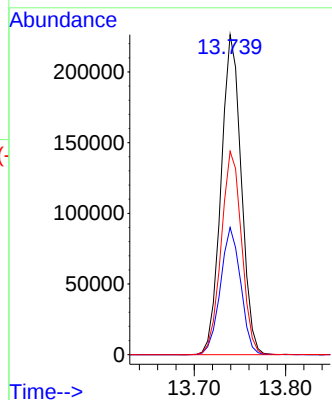
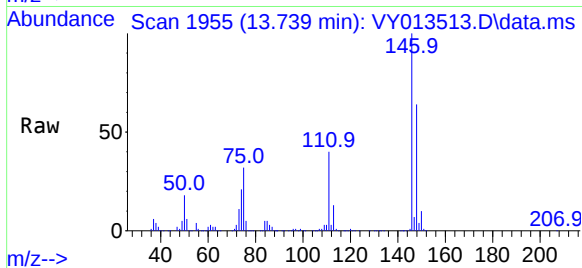
Tgt Ion:146 Resp: 347707

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.4

148 64.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.859 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013513.D

Acq: 28 Apr 2023 09:40

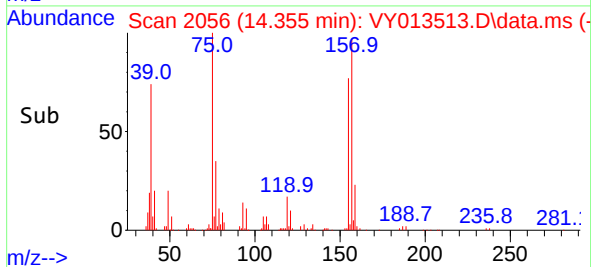
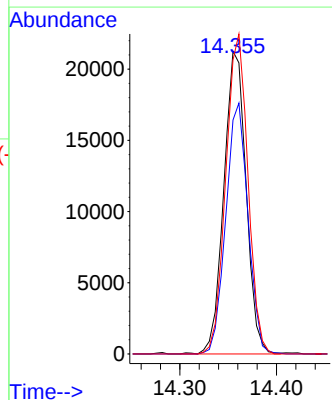
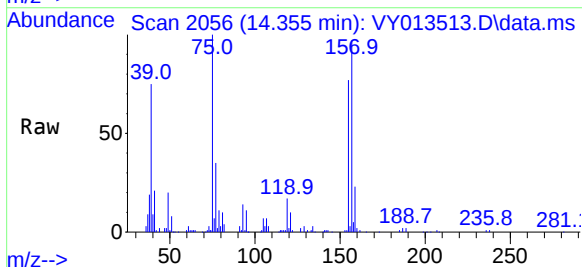
Tgt Ion: 75 Resp: 33973

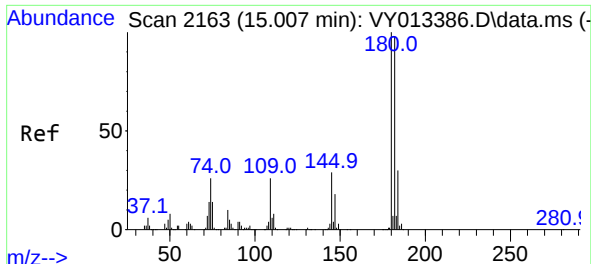
Ion Ratio Lower Upper

75 100

155 82.5 44.6 134.0

157 104.8 57.6 172.7

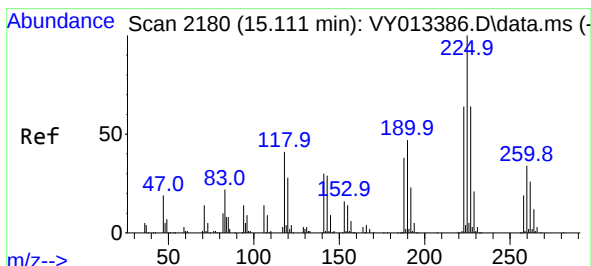
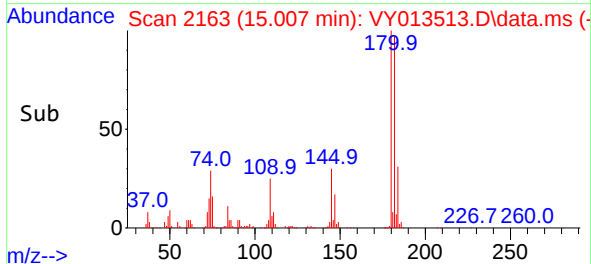
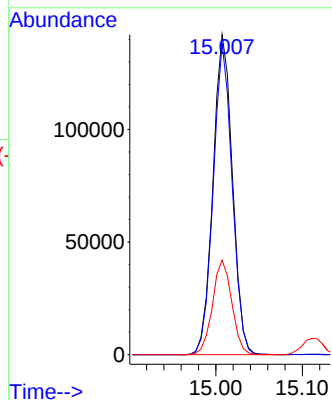
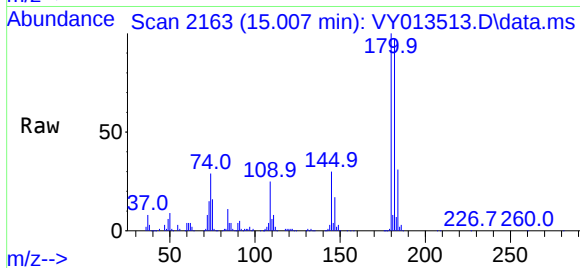




#93
1,2,4-Trichlorobenzene
Concen: 58.666 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

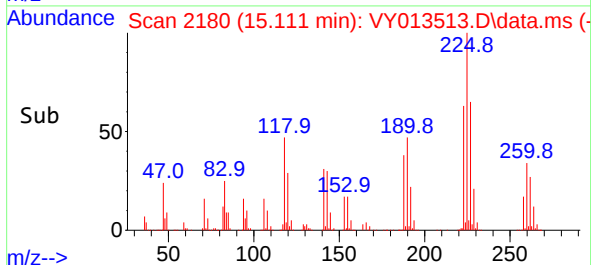
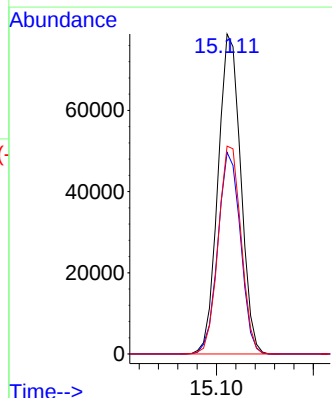
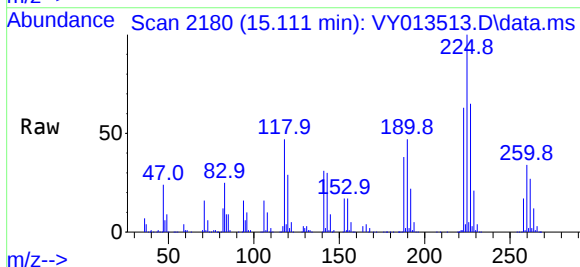
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

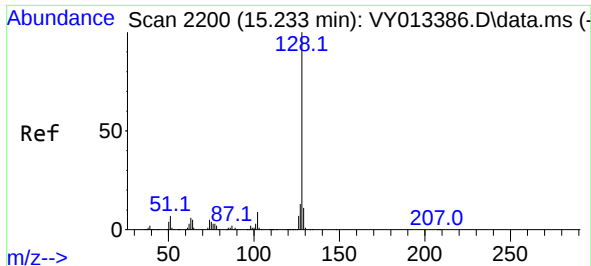
Tgt Ion:180 Resp: 221270
Ion Ratio Lower Upper
180 100
182 94.7 48.5 145.5
145 29.3 15.0 45.0



#94
Hexachlorobutadiene
Concen: 58.453 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:225 Resp: 128307
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.2
227 65.0 32.0 96.0

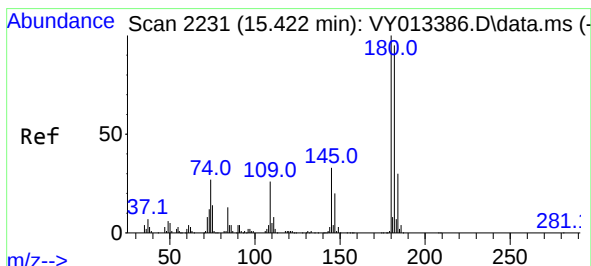
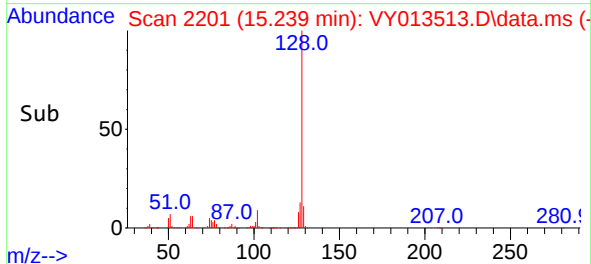
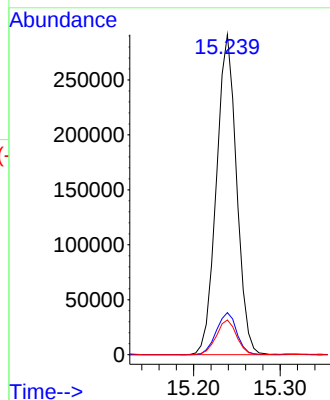
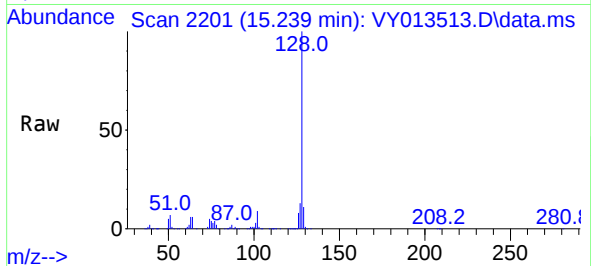




#95
Naphthalene
Concen: 57.523 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 470733
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 60.176 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013513.D
Acq: 28 Apr 2023 09:40

Tgt Ion:180 Resp: 202291
Ion Ratio Lower Upper
180 100
182 94.6 47.1 141.3
145 30.8 15.9 47.7

