

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012060.D
 Acq On : 03 Jan 2023 20:25
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 04 01:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	183925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142147	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91820	49.552	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.100%
35) Dibromofluoromethane	7.716	113	84484	50.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.660%
50) Toluene-d8	10.179	98	320003	46.984	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.960%
62) 4-Bromofluorobenzene	12.477	95	116536	50.875	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	68546	46.888	ug/l	96
3) Chloromethane	2.113	50	63860	39.011	ug/l	100
4) Vinyl Chloride	2.247	62	75610	41.884	ug/l	100
5) Bromomethane	2.650	94	57215	44.549	ug/l	100
6) Chloroethane	2.790	64	52294	44.318	ug/l	98
7) Trichlorofluoromethane	3.125	101	153676	48.629	ug/l	96
8) Diethyl Ether	3.528	74	48581	49.823	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	82263	47.287	ug/l	96
10) Methyl Iodide	4.088	142	108527	45.090	ug/l	96
11) Tert butyl alcohol	4.948	59	44113	241.760	ug/l	99
12) 1,1-Dichloroethene	3.869	96	78715	45.235	ug/l	97
13) Acrolein	3.723	56	33183	191.569	ug/l	100
14) Allyl chloride	4.479	41	110467	43.108	ug/l	92
15) Acrylonitrile	5.155	53	121271	267.367	ug/l	100
16) Acetone	3.942	43	90736	165.689	ug/l	97
17) Carbon Disulfide	4.192	76	209128	37.675	ug/l	100
18) Methyl Acetate	4.473	43	62139	48.531	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	244938	54.859	ug/l	97
20) Methylene Chloride	4.716	84	107423	50.437	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	89968	45.502	ug/l	94
22) Diisopropyl ether	6.112	45	244408	48.426	ug/l #	93
23) Vinyl Acetate	6.058	43	740705	255.087	ug/l	94
24) 1,1-Dichloroethane	6.015	63	154910	47.220	ug/l	98
25) 2-Butanone	6.984	43	139833	226.542	ug/l	94
26) 2,2-Dichloropropane	6.978	77	148138	46.146	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	106681	49.885	ug/l	95
28) Bromochloromethane	7.332	49	39931	44.355	ug/l	84
29) Tetrahydrofuran	7.344	42	90901	259.926	ug/l	91
30) Chloroform	7.502	83	178661	50.526	ug/l	99
31) Cyclohexane	7.783	56	126589	40.581	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	168038	49.963	ug/l	99
36) 1,1-Dichloropropene	7.911	75	124257	46.146	ug/l	98
37) Ethyl Acetate	7.070	43	61685	51.061	ug/l #	95
38) Carbon Tetrachloride	7.899	117	158172	50.862	ug/l	98
39) Methylcyclohexane	9.179	83	149041	46.000	ug/l	96
40) Benzene	8.161	78	368623	47.837	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	87090	149.080	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	120661	54.392	ug/l	100
43) Isopropyl Acetate	8.271	43	115604	52.396	ug/l	96
44) Trichloroethene	8.935	130	105218	48.443	ug/l	98
45) 1,2-Dichloropropane	9.216	63	85360	47.943	ug/l	98
46) Dibromomethane	9.301	93	54426	53.069	ug/l	98
47) Bromodichloromethane	9.496	83	137994	53.037	ug/l	96
48) Methyl methacrylate	9.289	41	53484	52.355	ug/l	94
49) 1,4-Dioxane	9.295	88	15153	1237.524	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	317509	269.880	ug/l	97
52) Toluene	10.240	92	245706	50.047	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	138603	52.719	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	151908	51.404	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	79324	54.505	ug/l	98
56) Ethyl methacrylate	10.508	69	103961	56.420	ug/l	96
57) 1,3-Dichloropropane	10.788	76	128709	52.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	191644	269.532	ug/l	94
59) 2-Hexanone	10.831	43	222260	256.797	ug/l	96
60) Dibromochloromethane	10.984	129	102356	55.830	ug/l	99
61) 1,2-Dibromoethane	11.087	107	74154	54.462	ug/l	99
64) Tetrachloroethene	10.715	164	115950	50.677	ug/l	95
65) Chlorobenzene	11.514	112	267512	49.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	104100	51.551	ug/l	98
67) Ethyl Benzene	11.593	91	479021	48.826	ug/l	99
68) m/p-Xylenes	11.703	106	377761	99.008	ug/l	99
69) o-Xylene	12.026	106	179845	50.660	ug/l	100
70) Styrene	12.044	104	310965	52.168	ug/l	99
71) Bromoform	12.203	173	67611	56.504	ug/l #	97
73) Isopropylbenzene	12.325	105	489406	46.397	ug/l	99
74) N-amyl acetate	12.142	43	105118	48.609	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	83795	47.619	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	119338	67.469	ug/l #	100
77) Bromobenzene	12.605	156	116815	47.869	ug/l	95
78) n-propylbenzene	12.666	91	573760	45.252	ug/l	99
79) 2-Chlorotoluene	12.752	91	327697	45.979	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	424293	46.982	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	30699	47.529	ug/l	96
82) 4-Chlorotoluene	12.849	91	343922	46.638	ug/l	99
83) tert-Butylbenzene	13.075	119	370757	48.441	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	419364	47.201	ug/l	99
85) sec-Butylbenzene	13.251	105	529851	46.361	ug/l	98
86) p-Isopropyltoluene	13.367	119	460870	47.791	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	232132	47.299	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	231079	47.362	ug/l	99
89) n-Butylbenzene	13.696	91	402768	46.136	ug/l	98
90) Hexachloroethane	13.959	117	85770	46.613	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	209185	48.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	16133	53.348	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	132212	52.530	ug/l	98
94) Hexachlorobutadiene	15.111	225	80997	49.804	ug/l	98
95) Naphthalene	15.233	128	265682	50.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	114682	53.893	ug/l	99

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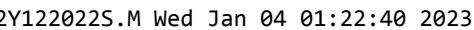
Instrument :
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ClientSampleId :
VSTDCCC050EC

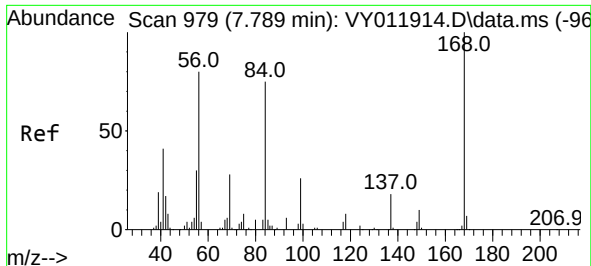
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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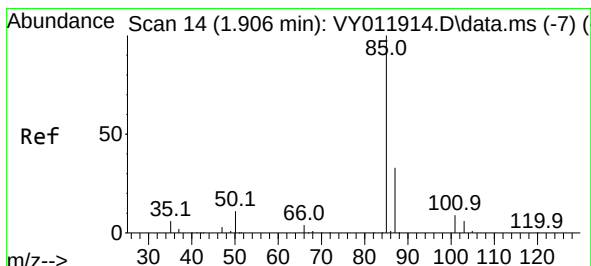
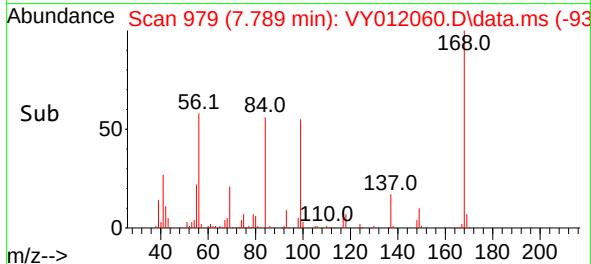
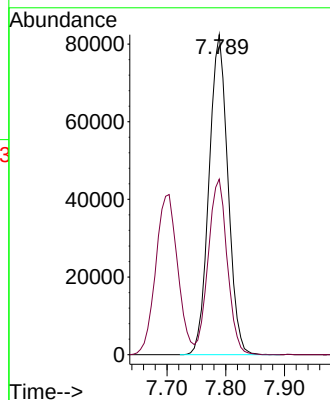
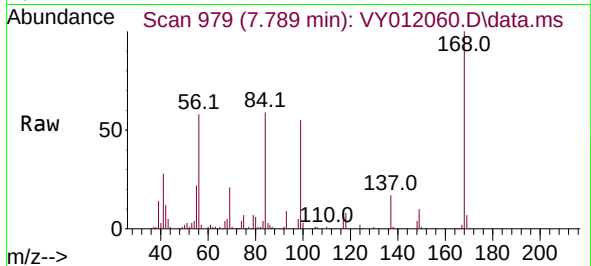




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012060.D
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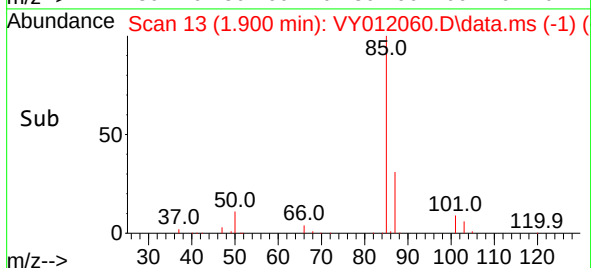
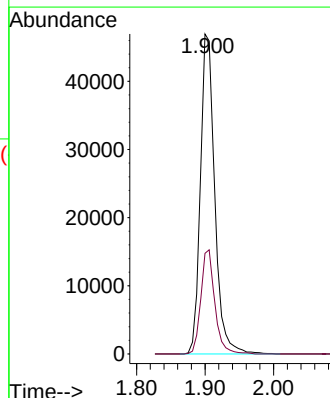
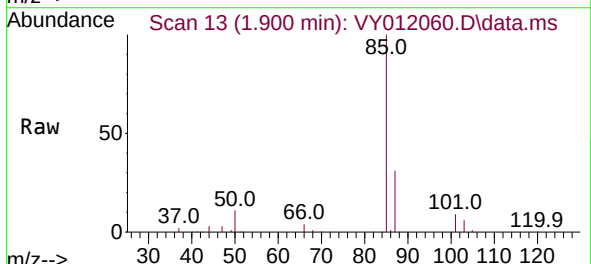
Instrument :
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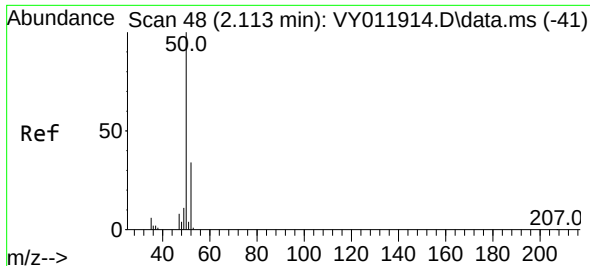
Tgt Ion:168 Resp: 183925
Ion Ratio Lower Upper
168 100
99 54.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 46.888 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 85 Resp: 68546
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.4

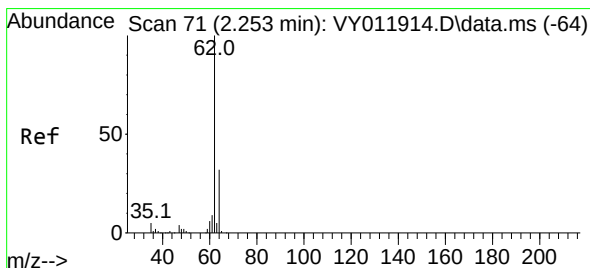
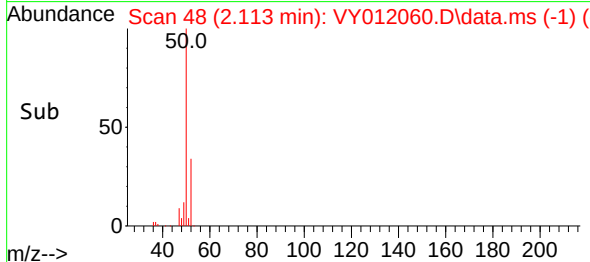
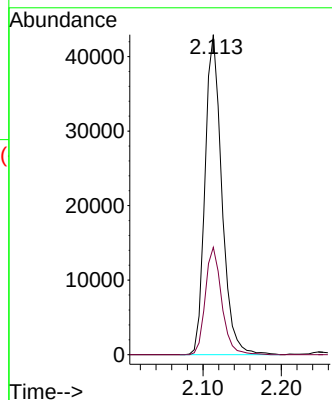
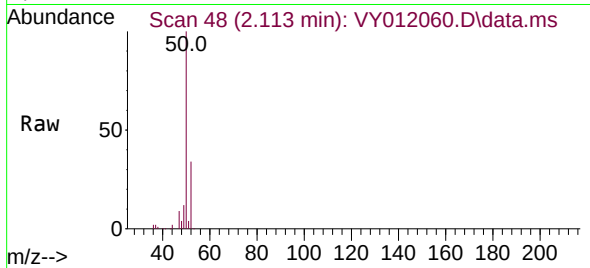




#3
Chloromethane
Concen: 39.011 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

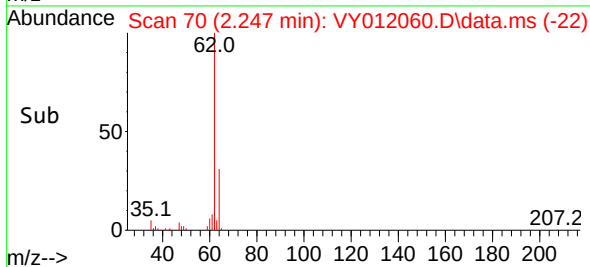
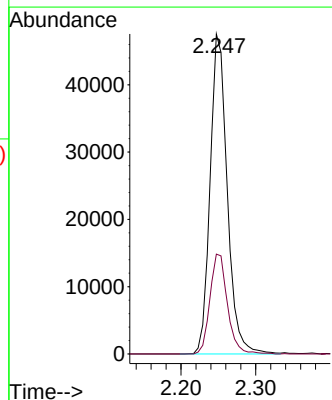
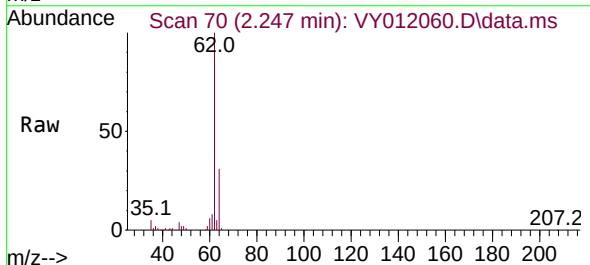
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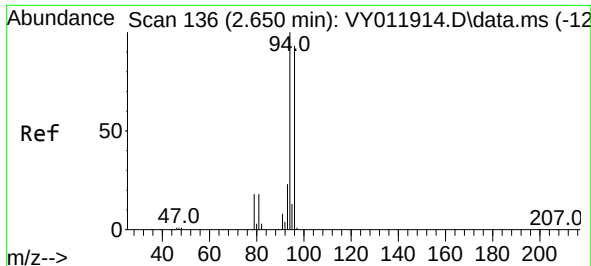
Tgt Ion: 50 Resp: 63860
Ion Ratio Lower Upper
50 100
52 33.6 26.8 40.2



#4
Vinyl Chloride
Concen: 41.884 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 62 Resp: 75610
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.6

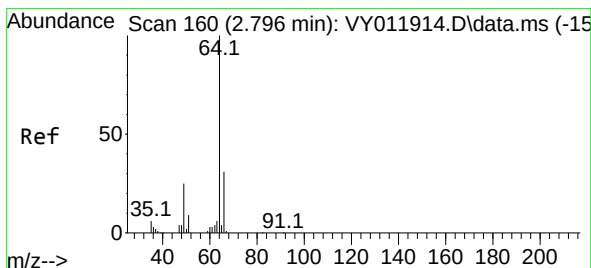
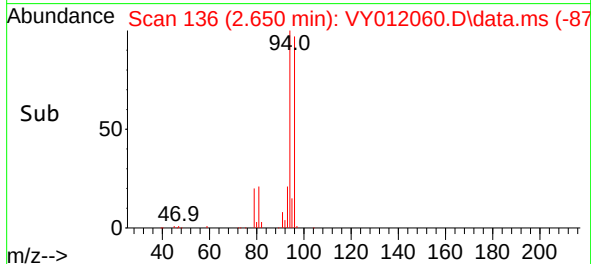
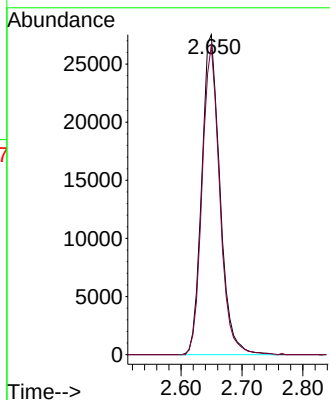
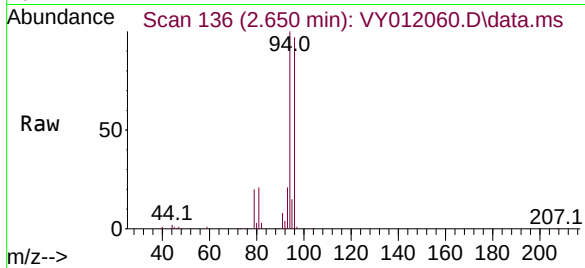




#5
Bromomethane
Concen: 44.549 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

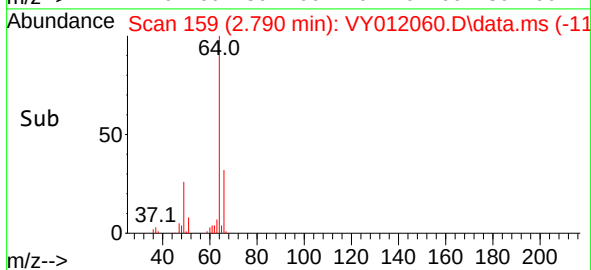
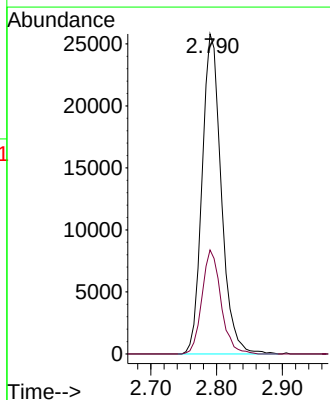
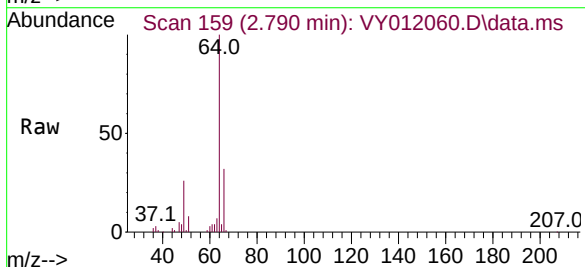
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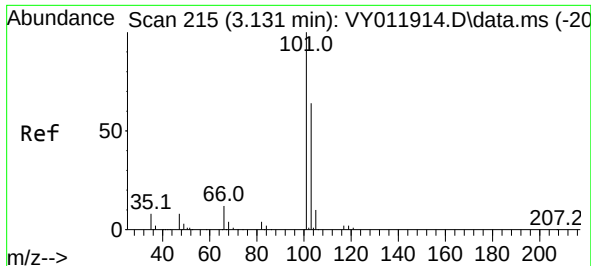
Tgt Ion: 94 Resp: 57215
Ion Ratio Lower Upper
94 100
96 96.6 77.4 116.2



#6
Chloroethane
Concen: 44.318 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 64 Resp: 52294
Ion Ratio Lower Upper
64 100
66 32.5 25.0 37.4

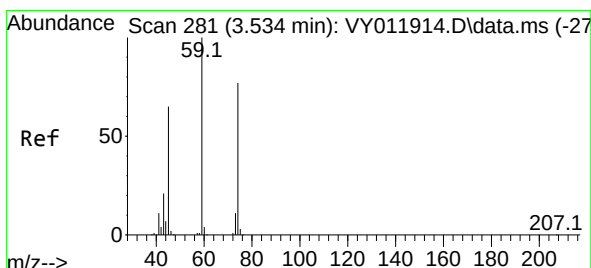
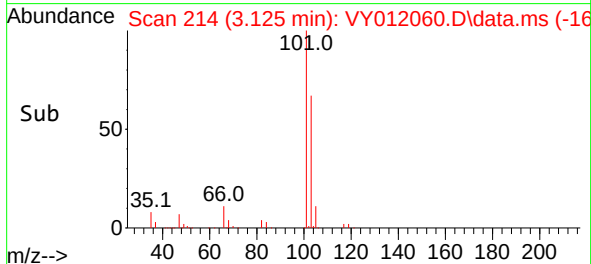
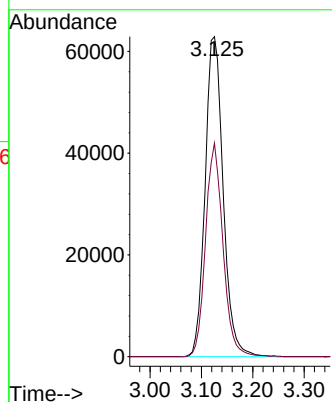
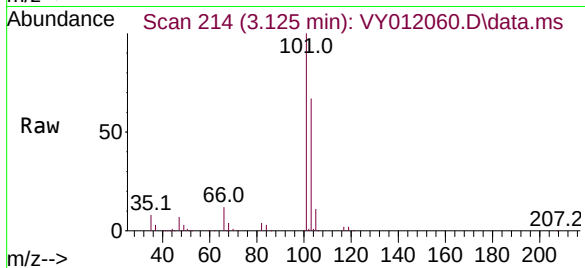




#7
Trichlorofluoromethane
Concen: 48.629 ug/l
RT: 3.125 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

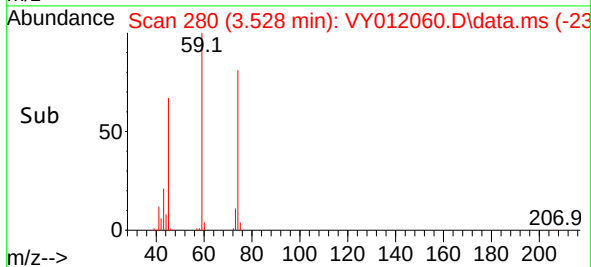
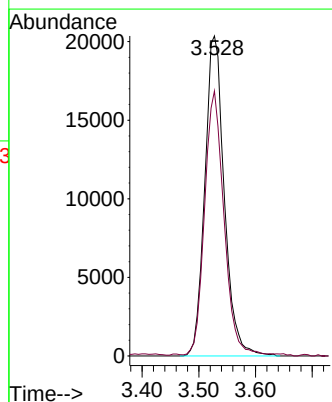
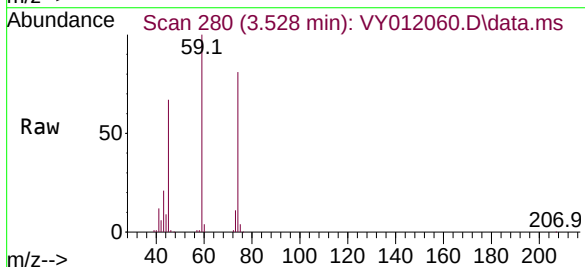
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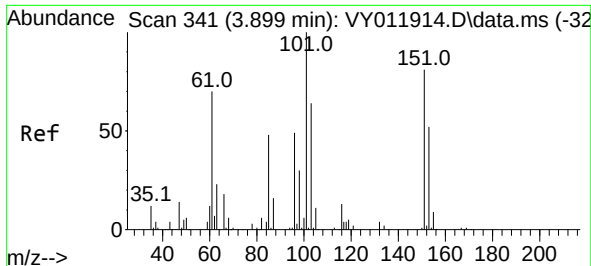
Tgt Ion:101 Resp: 153676
Ion Ratio Lower Upper
101 100
103 66.8 51.0 76.6



#8
Diethyl Ether
Concen: 49.823 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
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Acq: 03 Jan 2023 20:25

Tgt Ion: 74 Resp: 48581
Ion Ratio Lower Upper
74 100
45 81.5 46.8 140.3

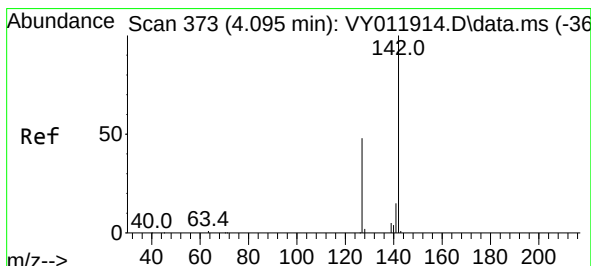
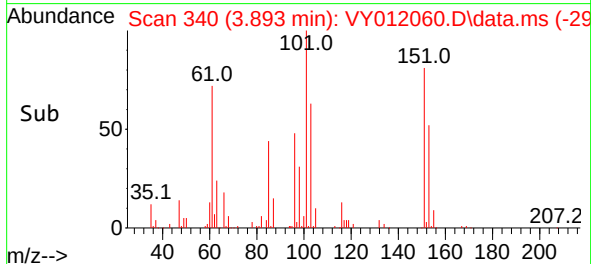
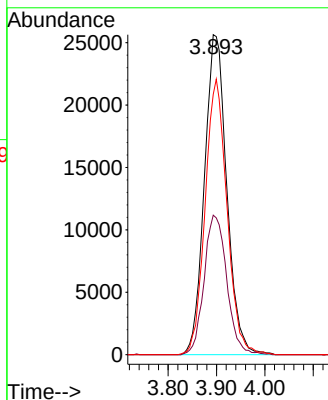
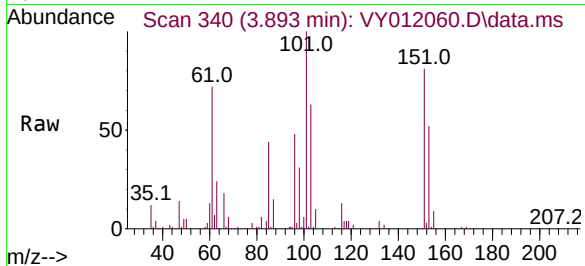




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.287 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

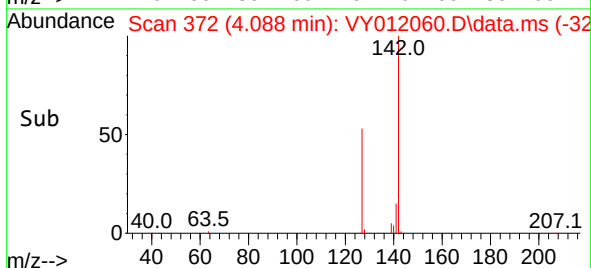
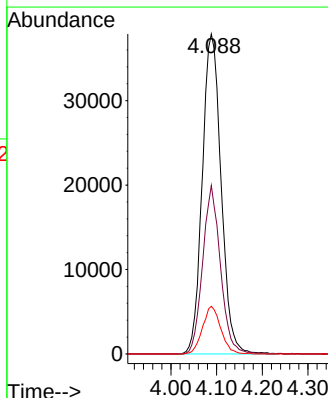
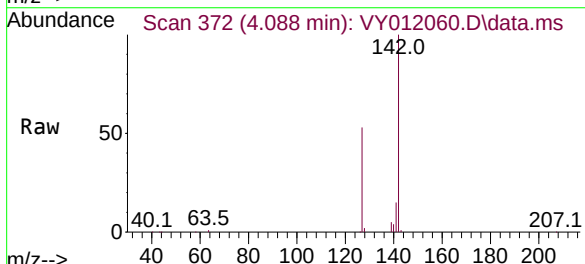
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

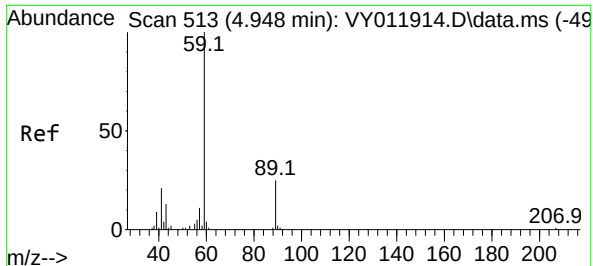
Tgt Ion:101 Resp: 82263
Ion Ratio Lower Upper
101 100
85 44.3 36.2 54.2
151 84.5 64.2 96.2



#10
Methyl Iodide
Concen: 45.090 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.007 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion:142 Resp: 108527
Ion Ratio Lower Upper
142 100
127 49.7 37.0 55.4
141 14.5 11.4 17.0

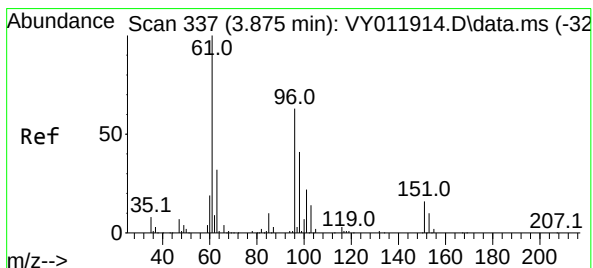
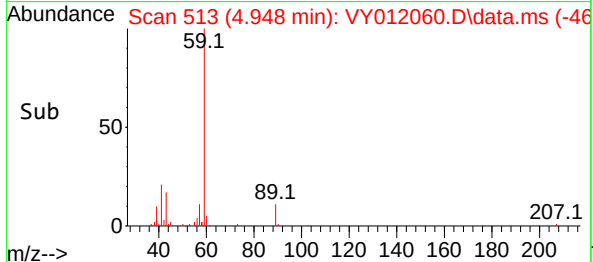
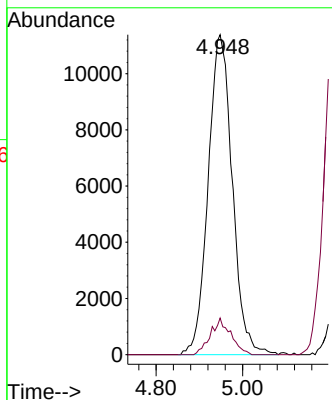
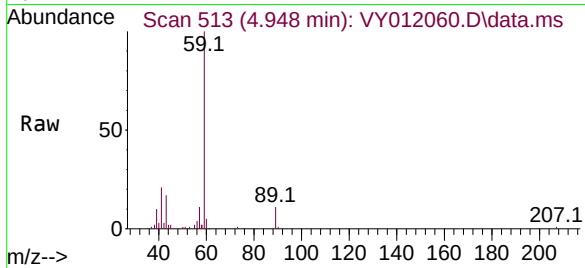




#11
Tert butyl alcohol
Concen: 241.760 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

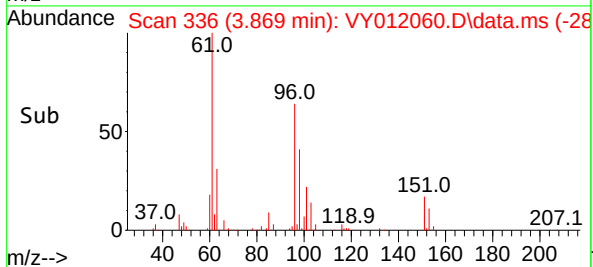
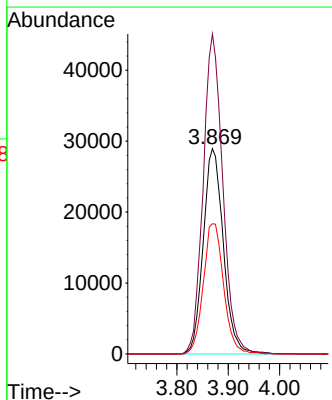
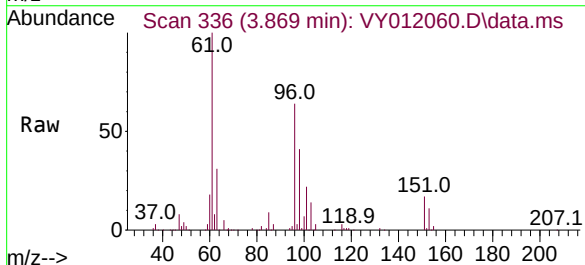
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

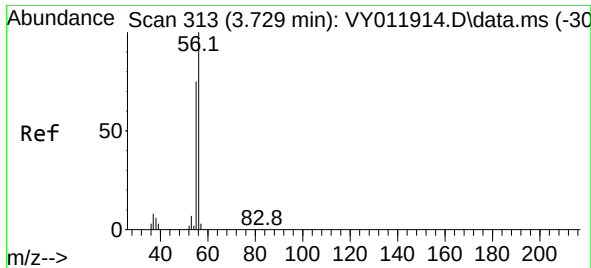
Tgt Ion: 59 Resp: 44113
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.2



#12
1,1-Dichloroethene
Concen: 45.235 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 96 Resp: 78715
Ion Ratio Lower Upper
96 100
61 155.8 122.0 183.0
98 63.4 48.6 73.0





#13

Acrolein

Concen: 191.569 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

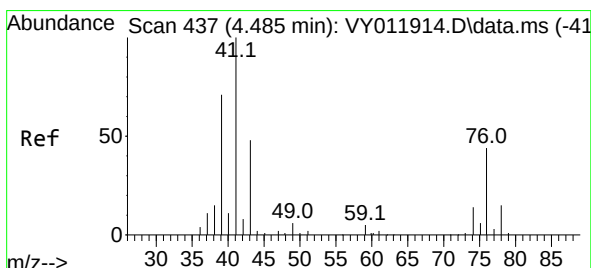
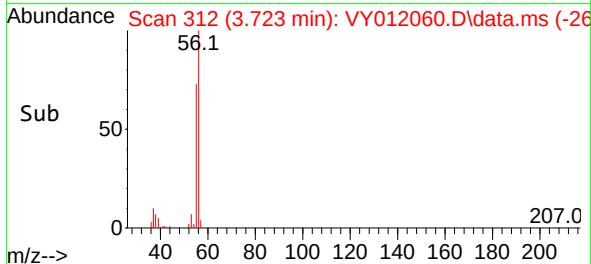
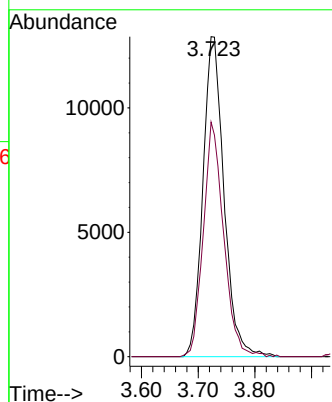
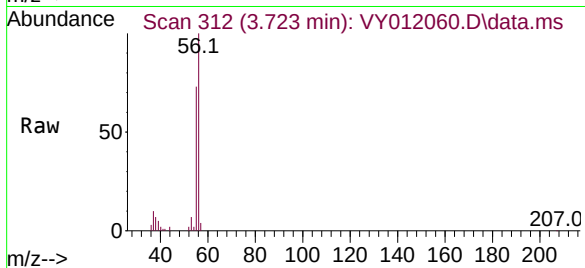
VSTDCCC050EC

Tgt Ion: 56 Resp: 33183

Ion Ratio Lower Upper

56 100

55 70.8 56.6 85.0



#14

Allyl chloride

Concen: 43.108 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

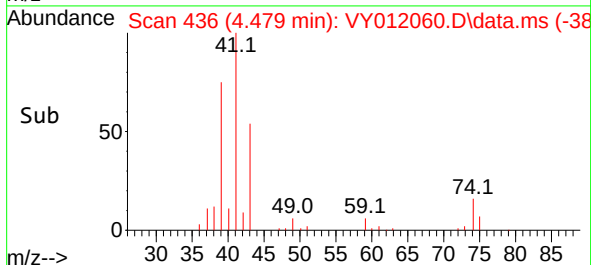
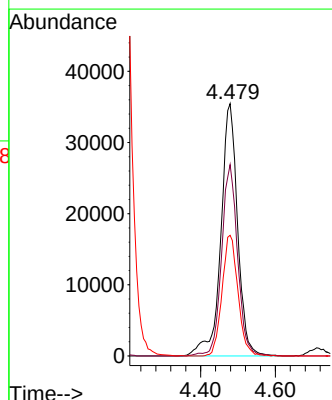
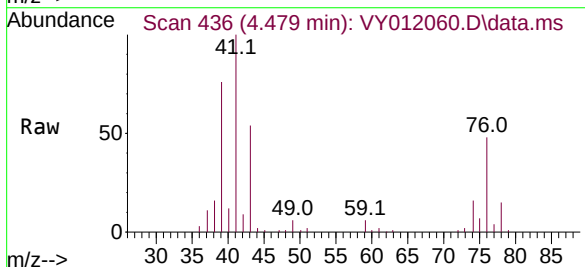
Tgt Ion: 41 Resp: 110467

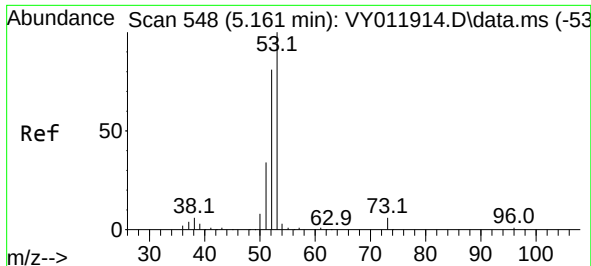
Ion Ratio Lower Upper

41 100

39 72.6 53.5 80.3

76 45.4 31.1 46.7

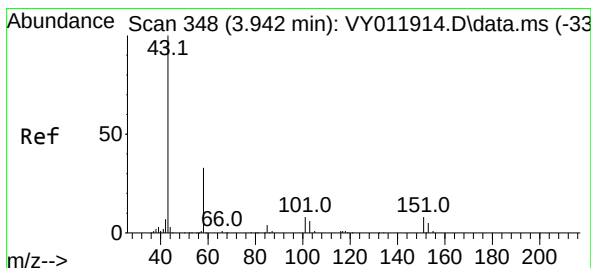
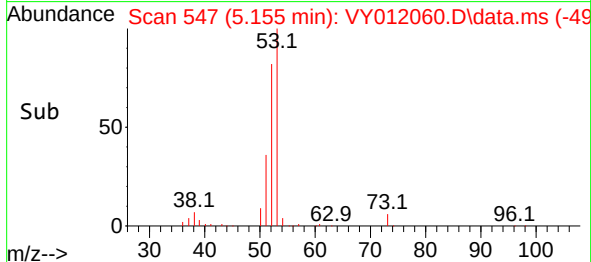
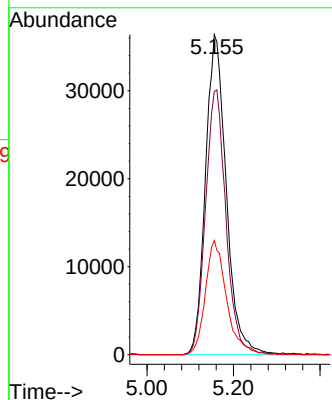
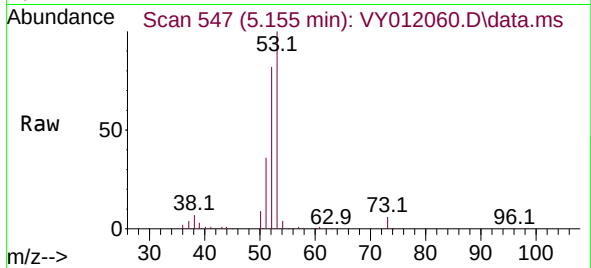




#15
Acrylonitrile
Concen: 267.367 ug/l
RT: 5.155 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

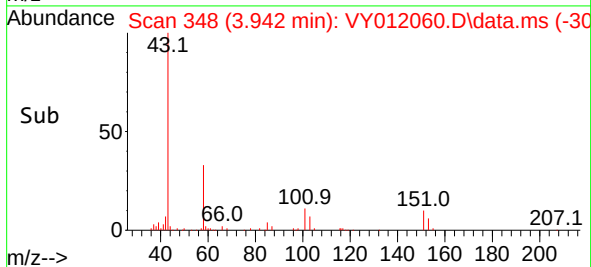
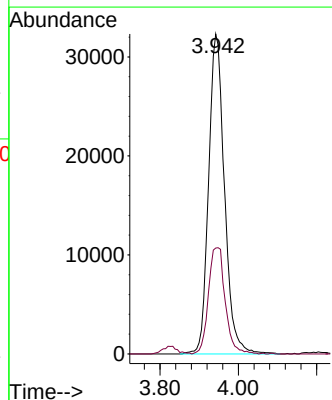
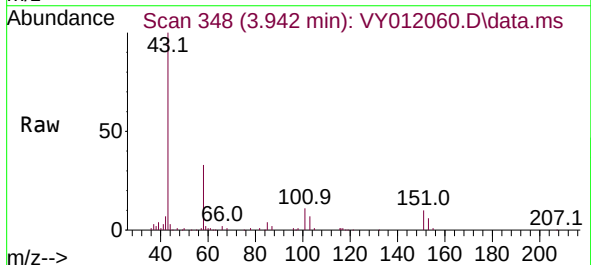
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

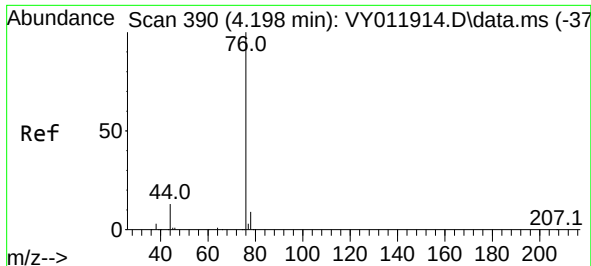
Tgt Ion: 53 Resp: 121271
Ion Ratio Lower Upper
53 100
52 81.4 65.1 97.7
51 36.6 28.7 43.1



#16
Acetone
Concen: 165.689 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 43 Resp: 90736
Ion Ratio Lower Upper
43 100
58 33.1 27.9 41.9

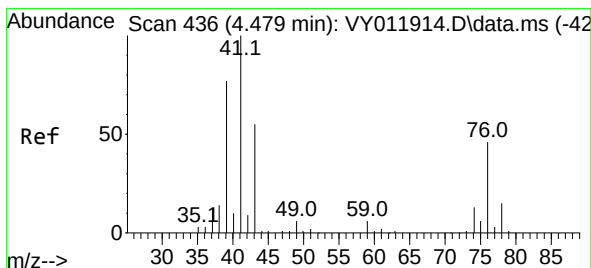
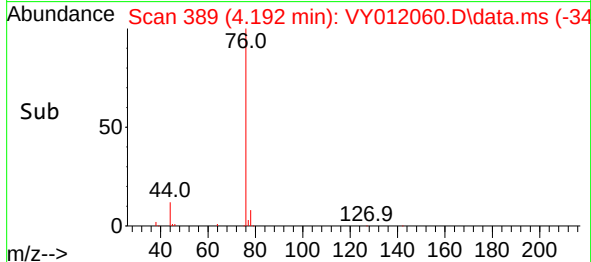
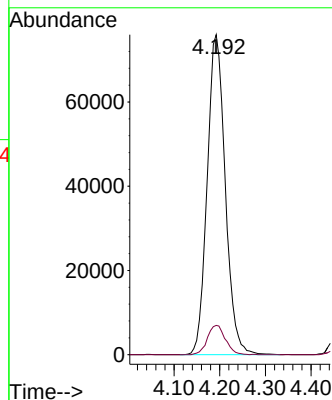
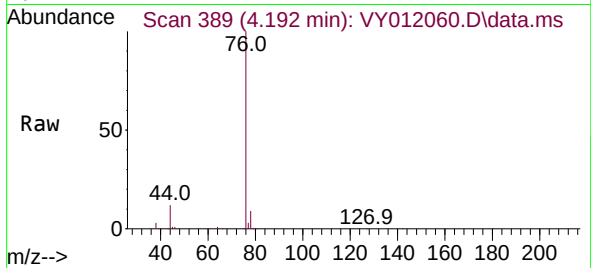




#17
Carbon Disulfide
Concen: 37.675 ug/l
RT: 4.192 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

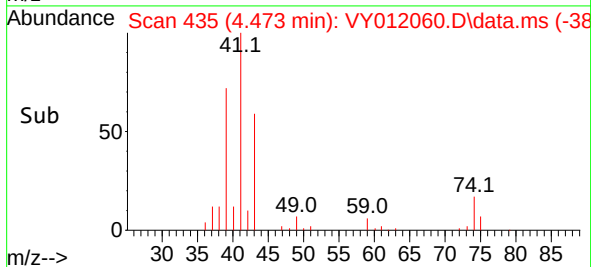
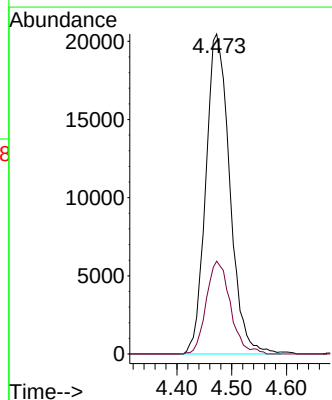
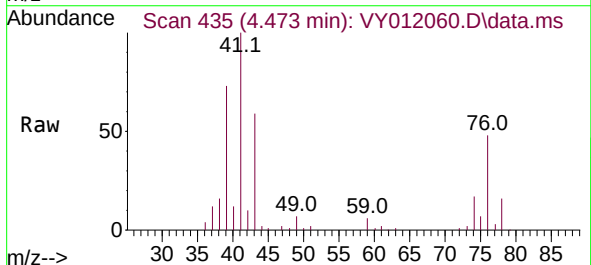
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

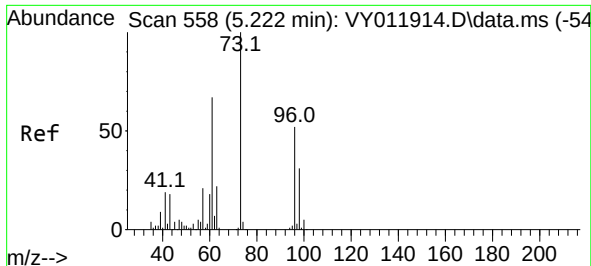
Tgt Ion: 76 Resp: 209128
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 48.531 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 43 Resp: 62139
Ion Ratio Lower Upper
43 100
74 29.1 20.1 30.1

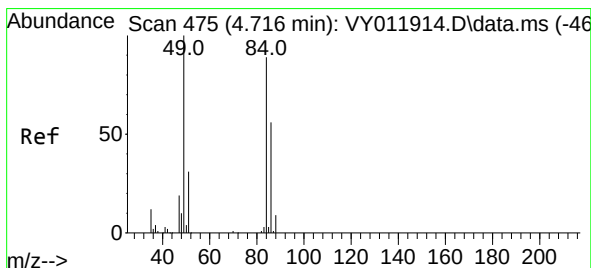
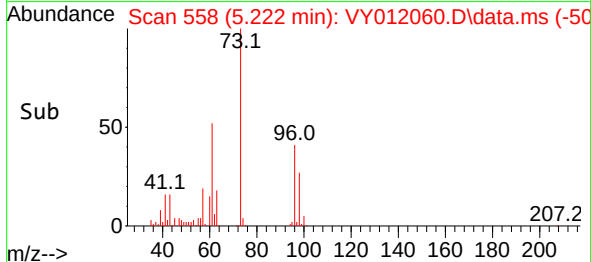
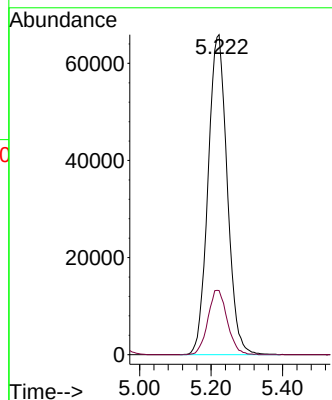
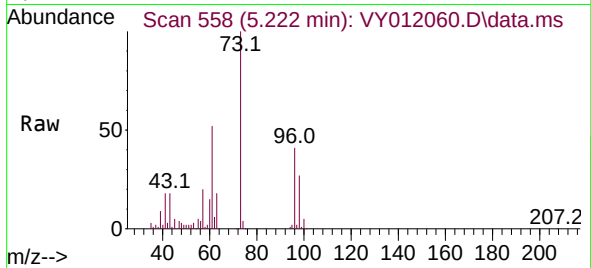




#19
Methyl tert-butyl Ether
Concen: 54.859 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

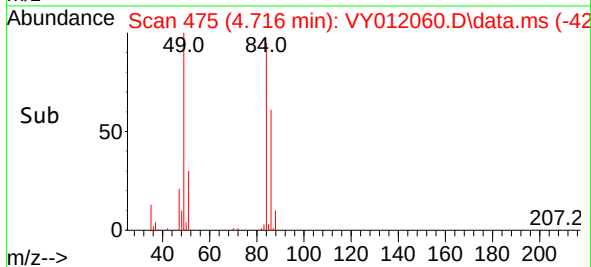
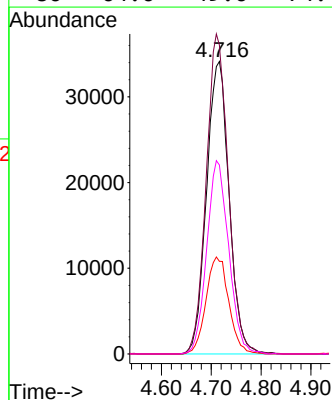
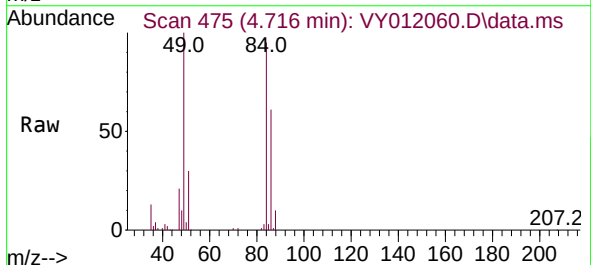
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

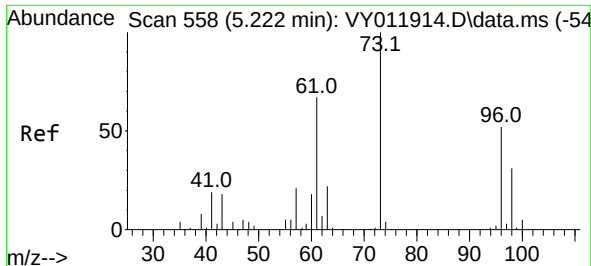
Tgt Ion: 73 Resp: 244938
Ion Ratio Lower Upper
73 100
57 20.0 17.4 26.0



#20
Methylene Chloride
Concen: 50.437 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 84 Resp: 107423
Ion Ratio Lower Upper
84 100
49 105.6 95.4 143.2
51 31.7 29.9 44.9
86 64.6 49.6 74.4





#21

trans-1,2-Dichloroethene

Concen: 45.502 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

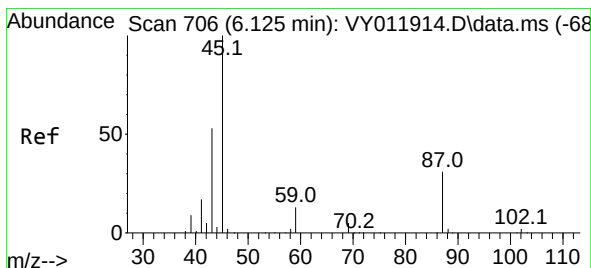
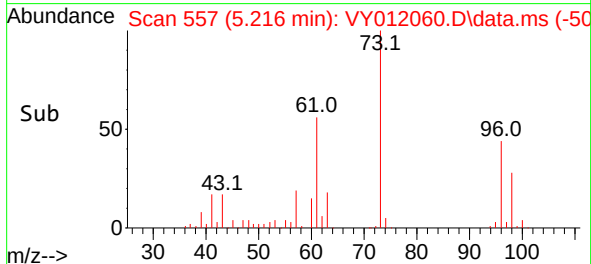
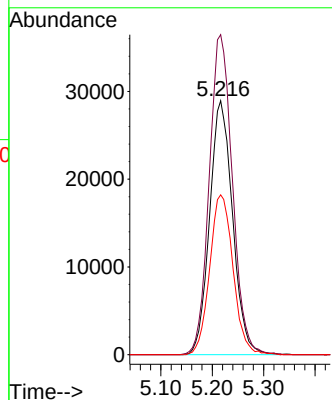
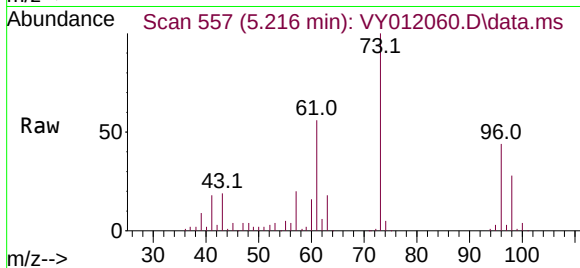
Tgt Ion: 96 Resp: 89968

Ion Ratio Lower Upper

96 100

61 126.1 108.0 162.0

98 63.0 51.6 77.4



#22

Diisopropyl ether

Concen: 48.426 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Tgt Ion: 45 Resp: 244408

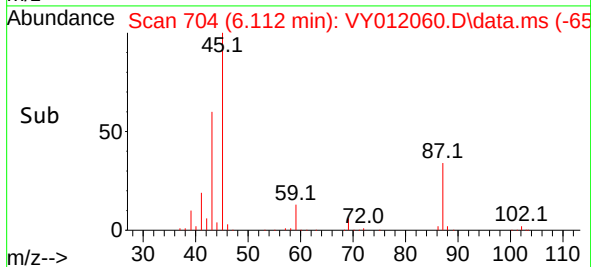
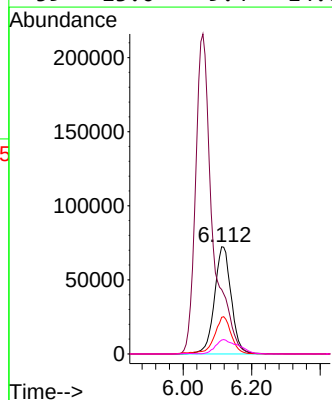
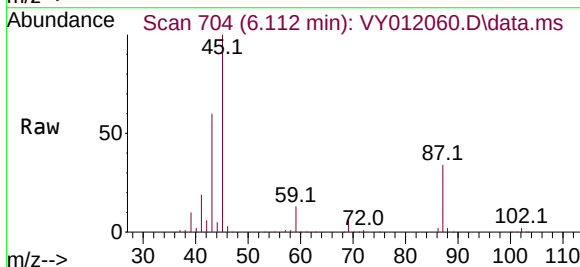
Ion Ratio Lower Upper

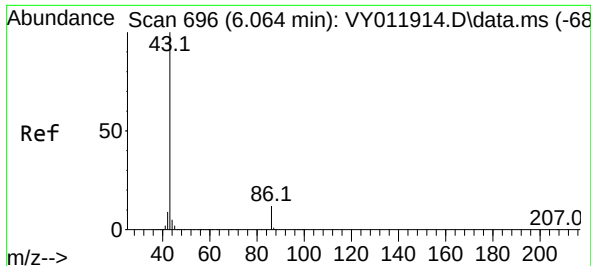
45 100

43 59.9 45.0 67.4

87 34.2 22.6 33.8#

59 13.0 9.4 14.0

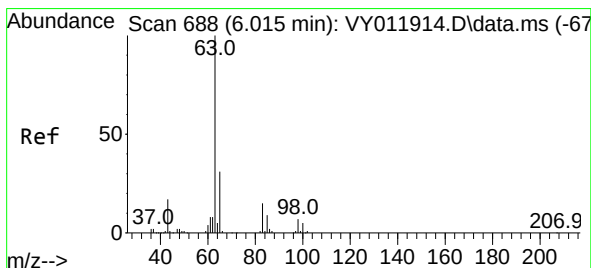
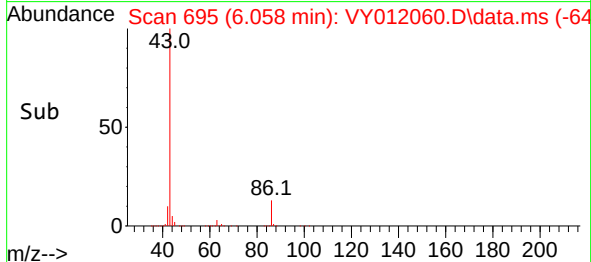
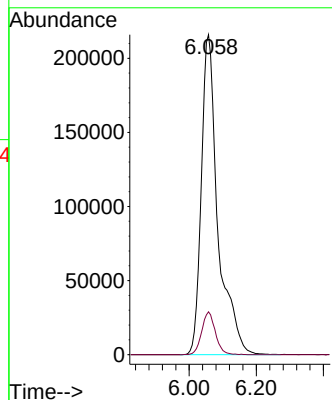
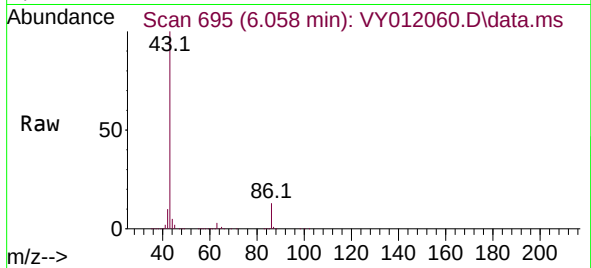




#23
 Vinyl Acetate
 Concen: 255.087 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY012060.D
 Acq: 03 Jan 2023 20:25

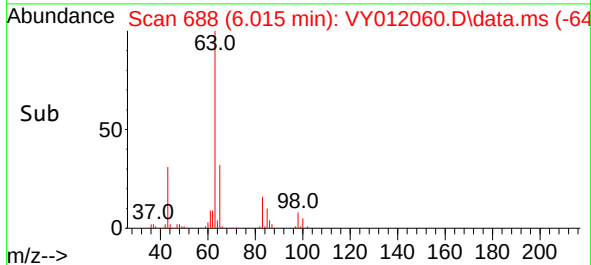
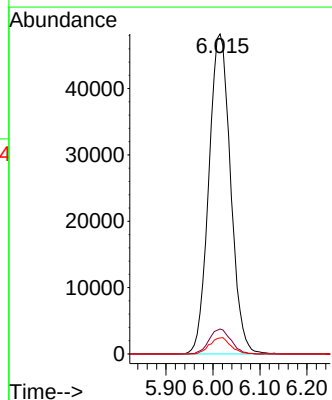
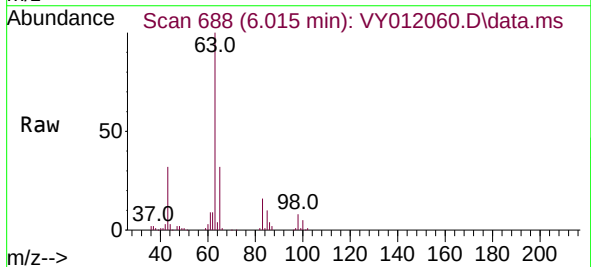
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

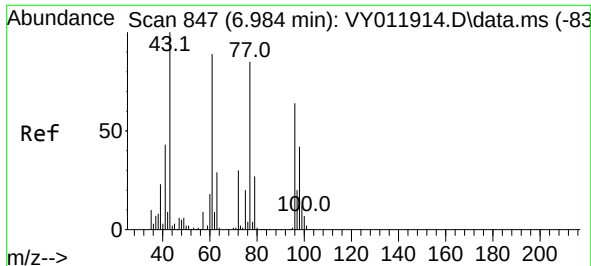
Tgt Ion: 43 Resp: 740705
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 47.220 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY012060.D
 Acq: 03 Jan 2023 20:25

Tgt Ion: 63 Resp: 154910
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 226.542 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

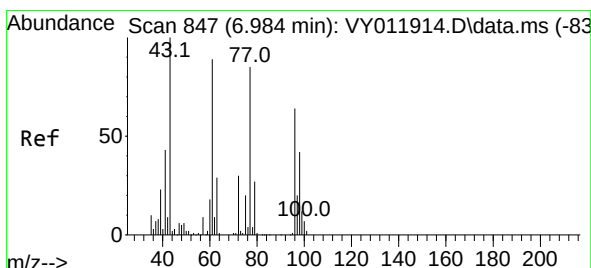
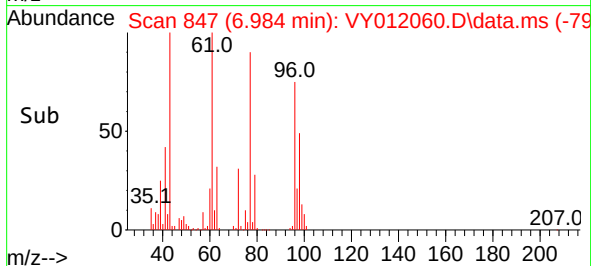
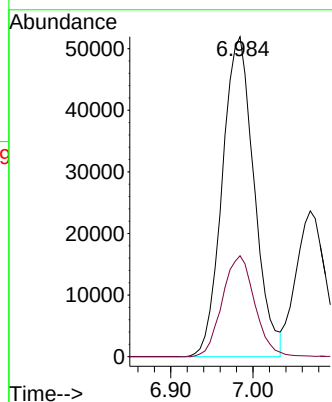
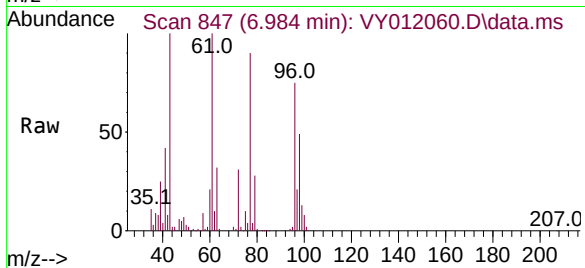
VSTDCCC050EC

Tgt Ion: 43 Resp: 139833

Ion Ratio Lower Upper

43 100

72 31.6 22.6 34.0



#26

2,2-Dichloropropane

Concen: 46.146 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY012060.D

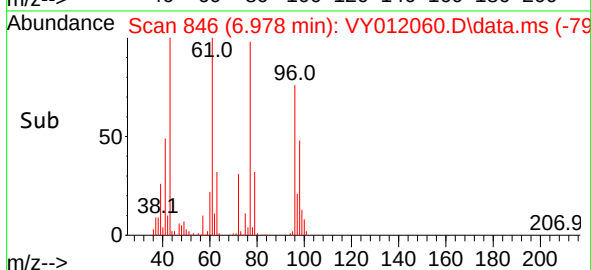
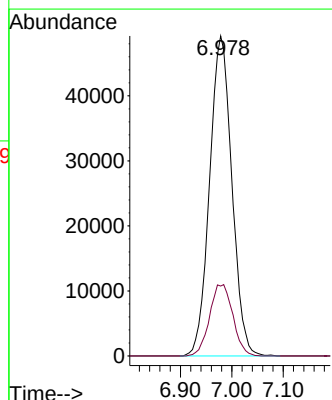
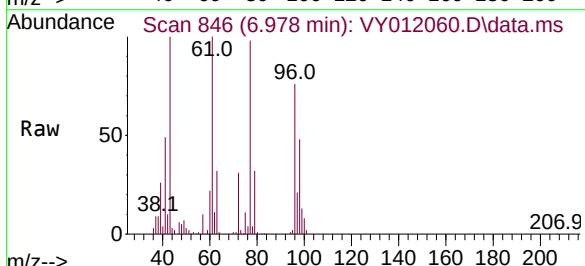
Acq: 03 Jan 2023 20:25

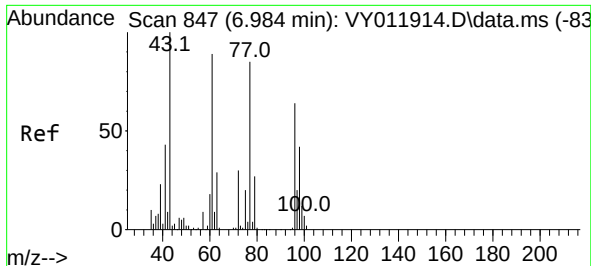
Tgt Ion: 77 Resp: 148138

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 49.885 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

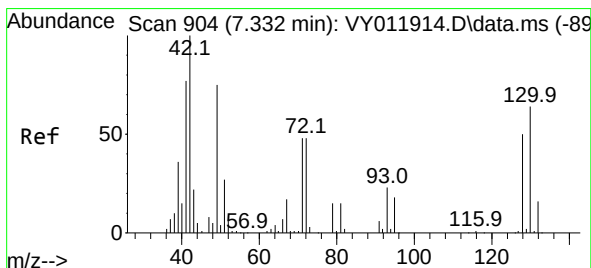
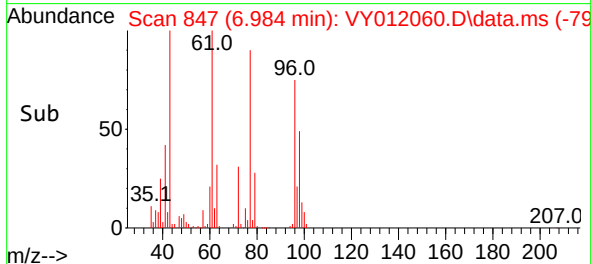
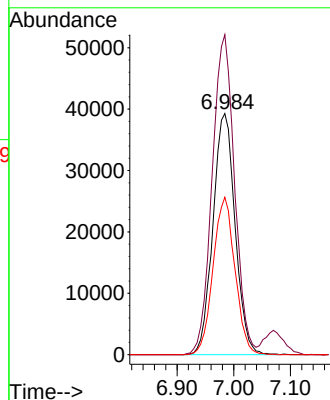
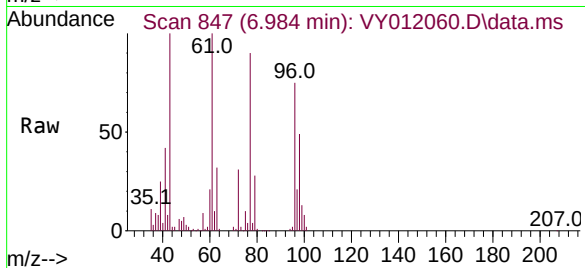
Tgt Ion: 96 Resp: 106681

Ion Ratio Lower Upper

96 100

61 134.1 0.0 283.4

98 64.5 0.0 127.6



#28

Bromochloromethane

Concen: 44.355 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

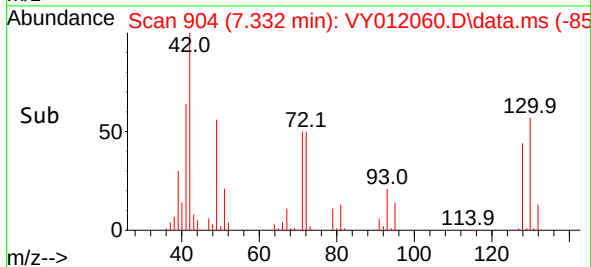
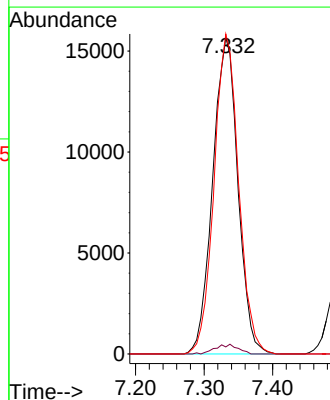
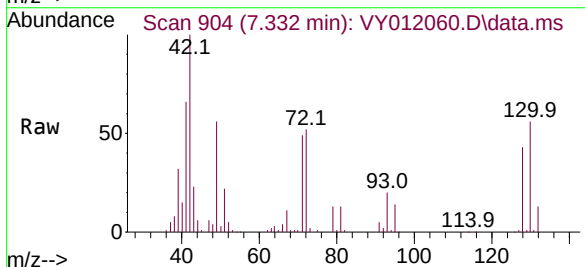
Tgt Ion: 49 Resp: 39931

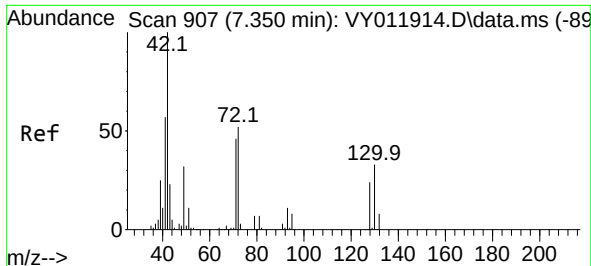
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 98.6 66.7 100.1





#29

Tetrahydrofuran

Concen: 259.926 ug/l

RT: 7.344 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

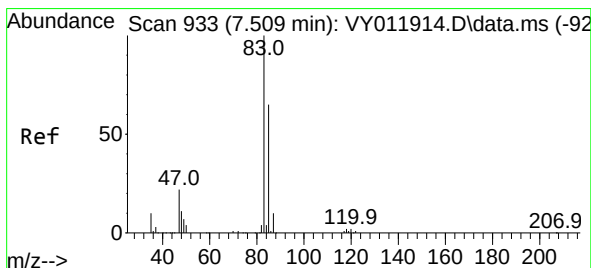
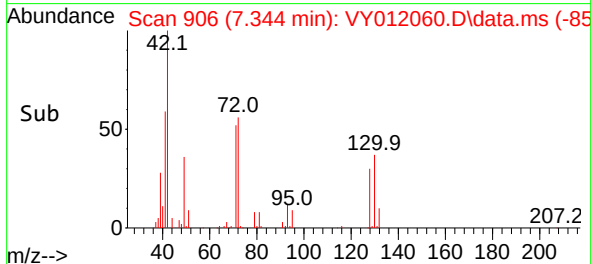
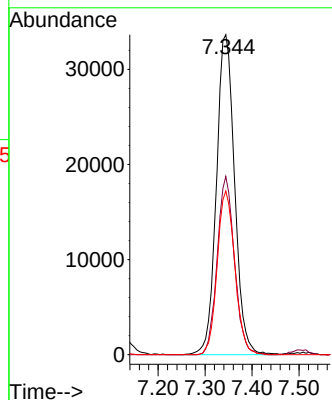
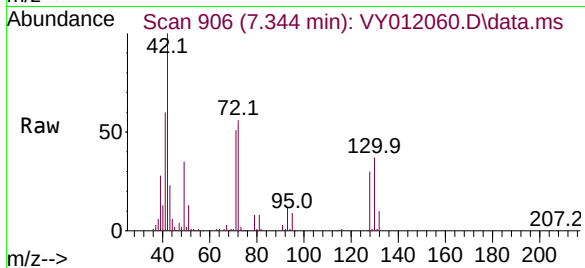
Tgt Ion: 42 Resp: 90901

Ion Ratio Lower Upper

42 100

72 52.6 37.0 55.6

71 49.4 34.9 52.3



#30

Chloroform

Concen: 50.526 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY012060.D

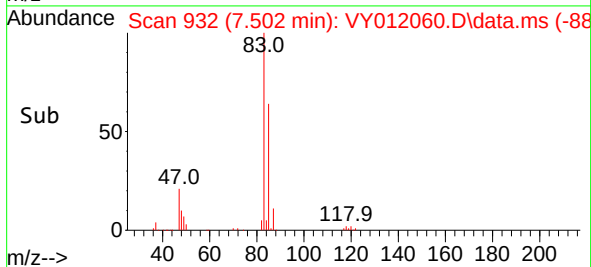
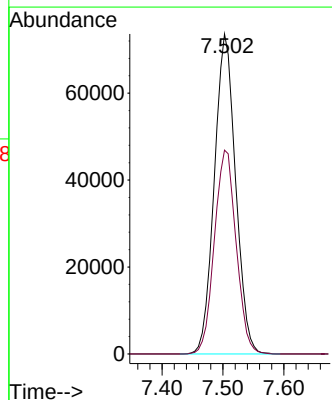
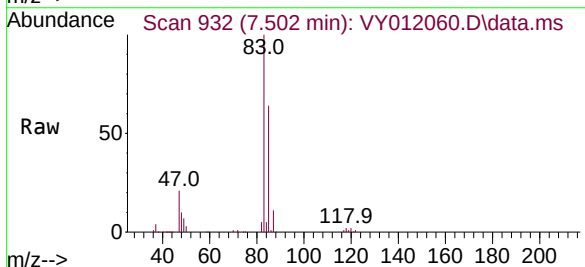
Acq: 03 Jan 2023 20:25

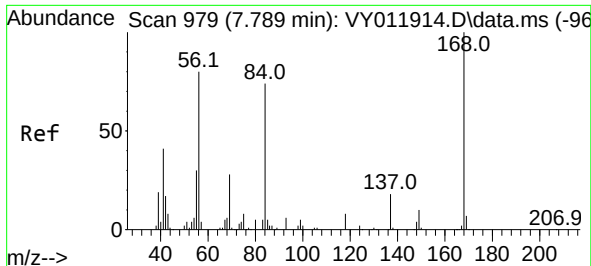
Tgt Ion: 83 Resp: 178661

Ion Ratio Lower Upper

83 100

85 63.7 51.5 77.3

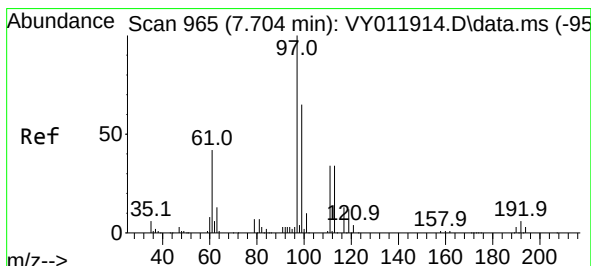
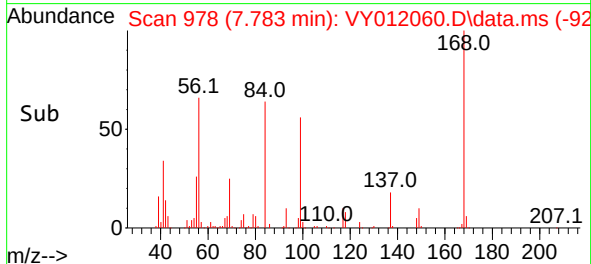
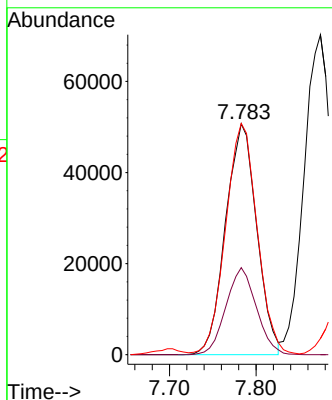
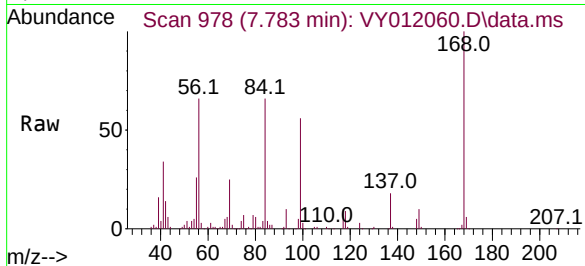




#31
Cyclohexane
Concen: 40.581 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

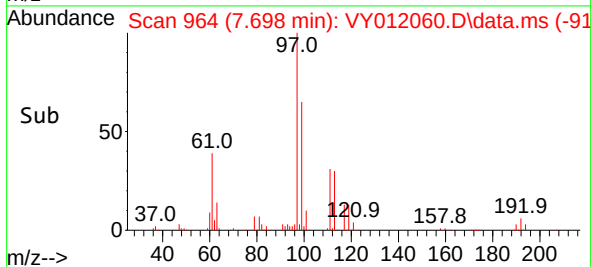
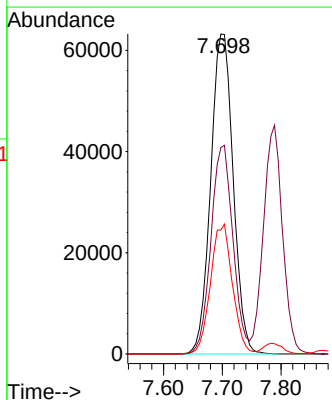
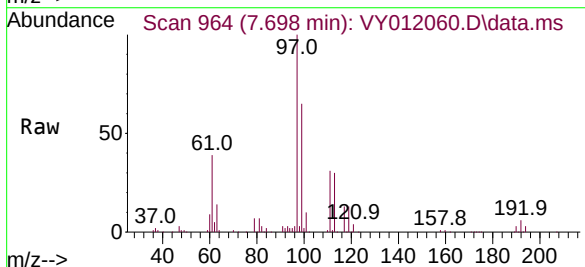
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

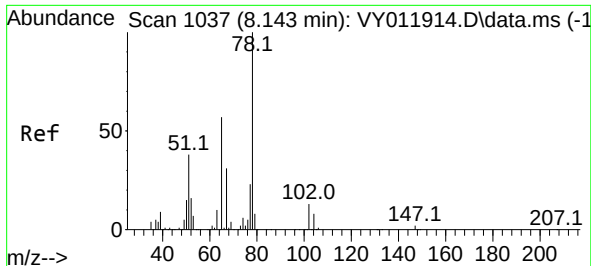
Tgt Ion: 56 Resp: 126589
Ion Ratio Lower Upper
56 100
69 37.7 29.2 43.8
84 98.5 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 49.963 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 97 Resp: 168038
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 39.6 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 49.552 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

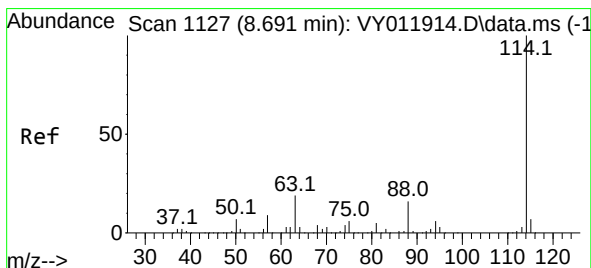
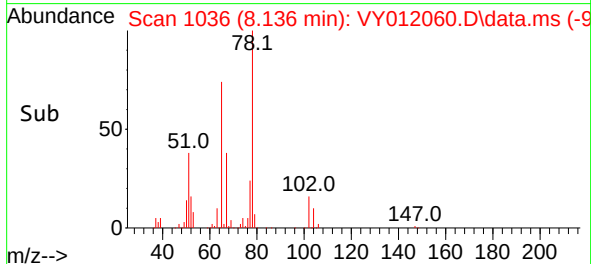
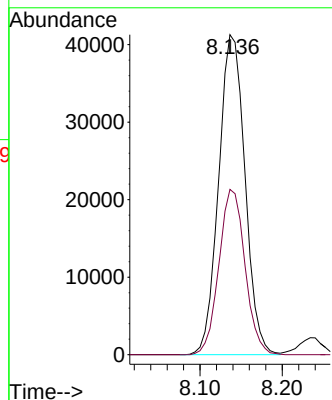
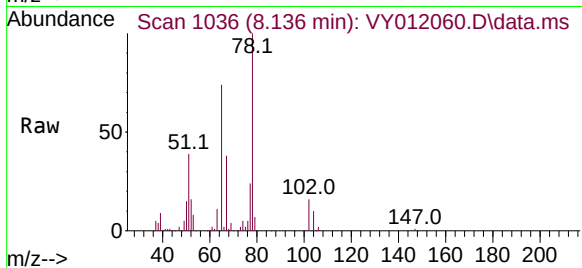
VSTDCCC050EC

Tgt Ion: 65 Resp: 91820

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

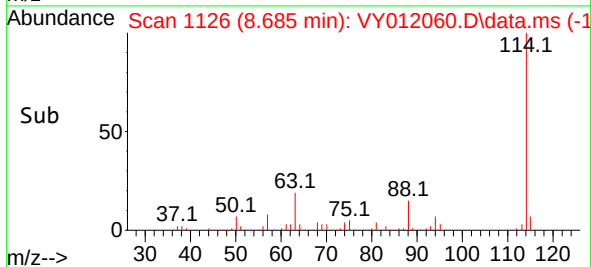
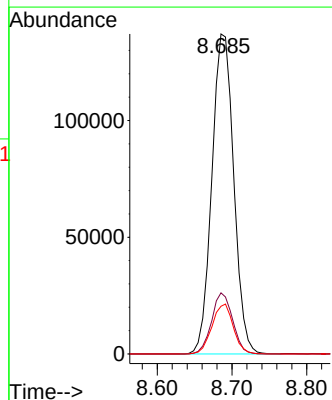
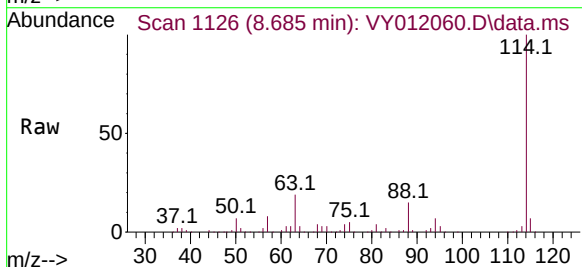
Tgt Ion: 114 Resp: 278839

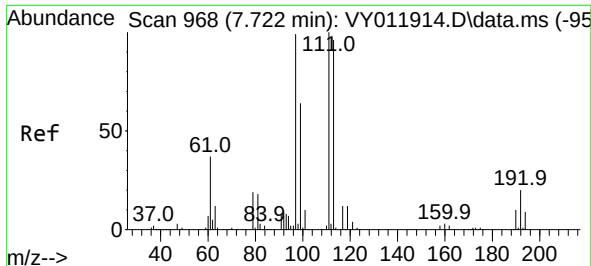
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.327 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

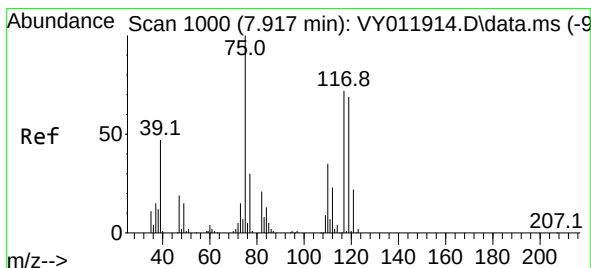
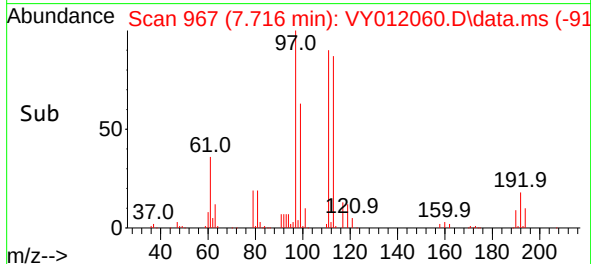
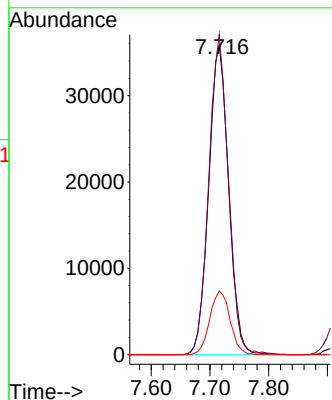
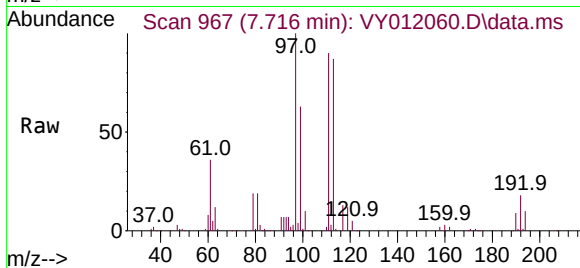
Tgt Ion:113 Resp: 84484

Ion Ratio Lower Upper

113 100

111 101.7 83.0 124.4

192 20.9 16.0 24.0



#36

1,1-Dichloropropene

Concen: 46.146 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

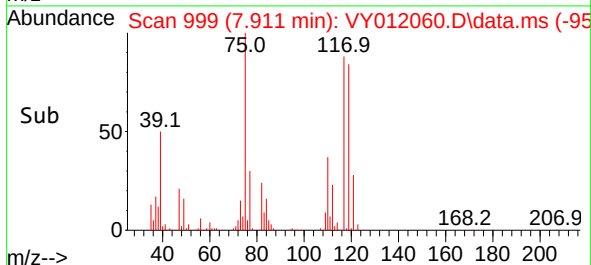
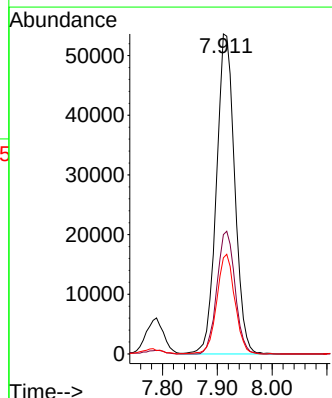
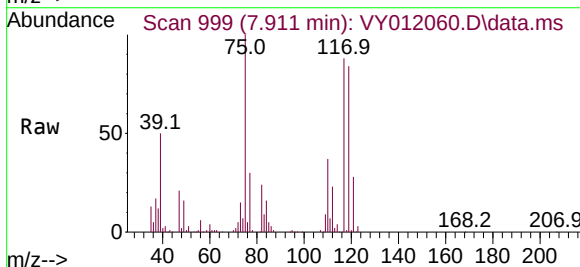
Tgt Ion: 75 Resp: 124257

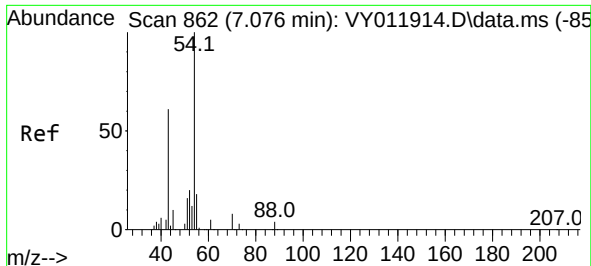
Ion Ratio Lower Upper

75 100

110 37.9 18.1 54.1

77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 51.061 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

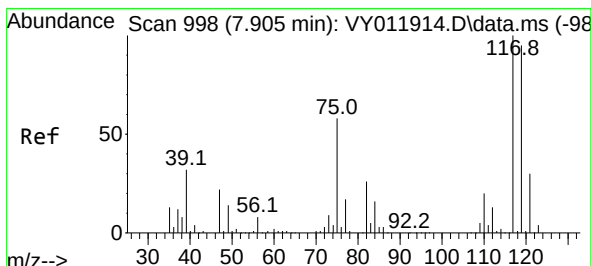
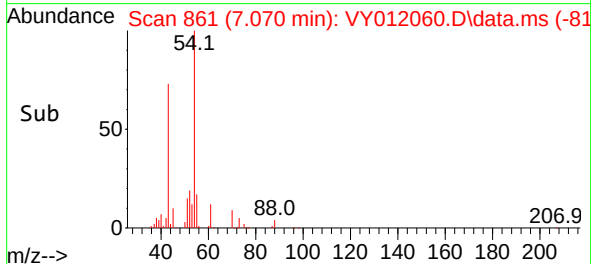
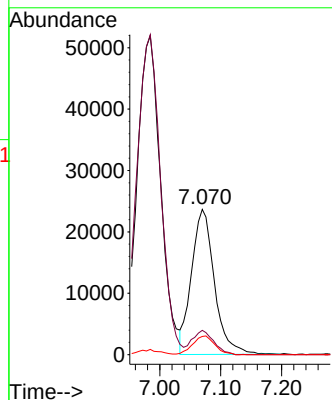
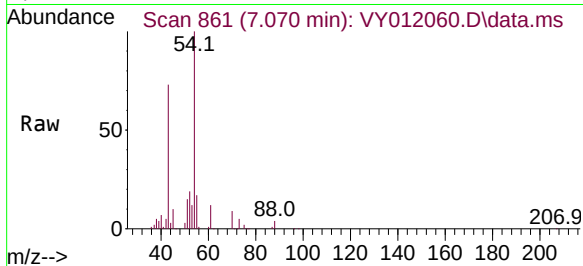
Tgt Ion: 43 Resp: 61685

Ion Ratio Lower Upper

43 100

61 15.8 11.3 16.9

70 12.6 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 50.862 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

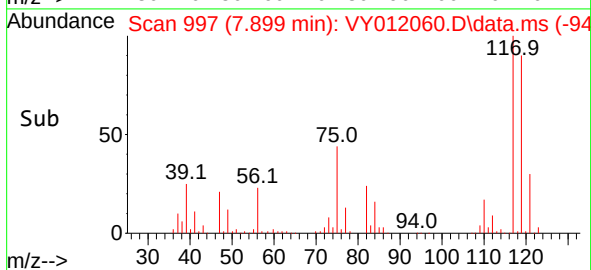
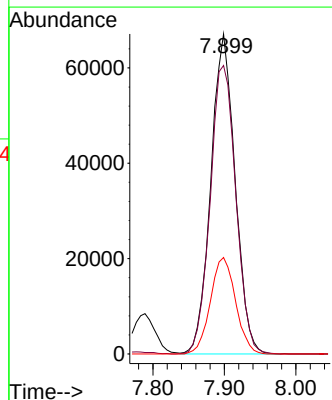
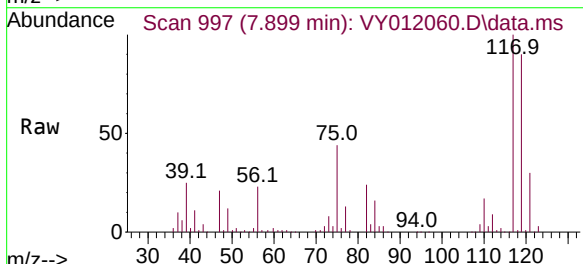
Tgt Ion: 117 Resp: 158172

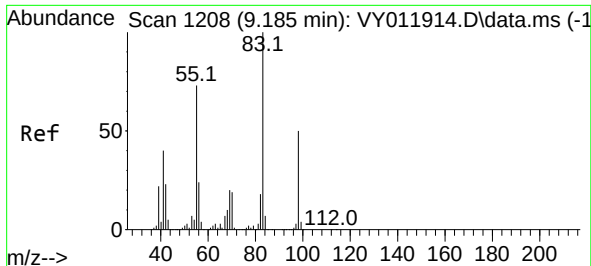
Ion Ratio Lower Upper

117 100

119 90.2 73.8 110.8

121 30.2 25.2 37.8





#39

Methylcyclohexane

Concen: 46.000 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

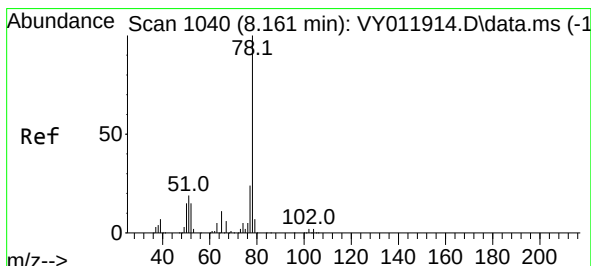
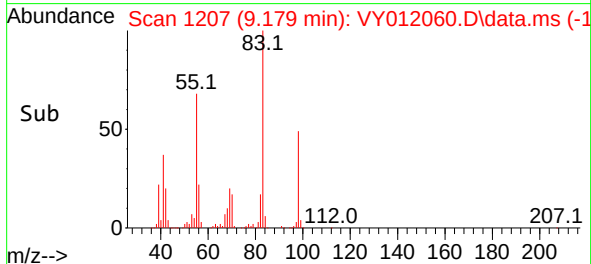
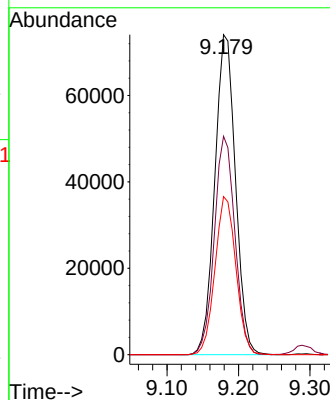
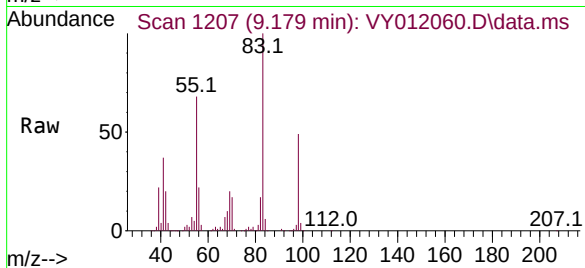
Tgt Ion: 83 Resp: 149041

Ion Ratio Lower Upper

83 100

55 68.2 58.2 87.2

98 49.4 38.6 58.0



#40

Benzene

Concen: 47.837 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012060.D

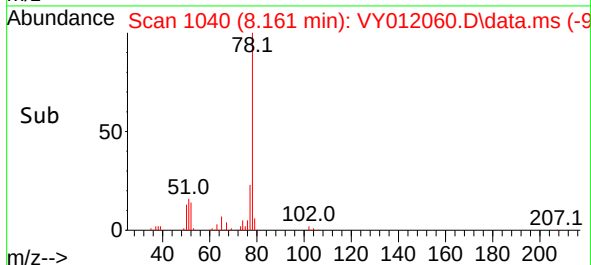
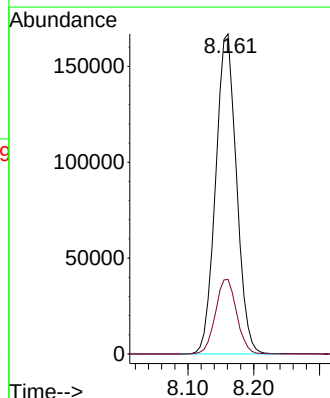
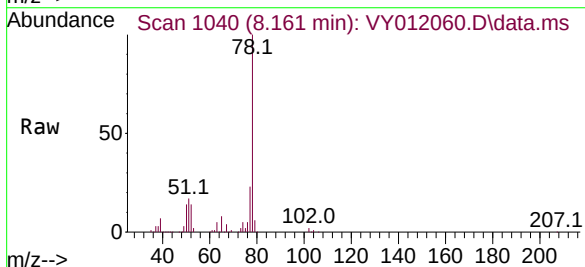
Acq: 03 Jan 2023 20:25

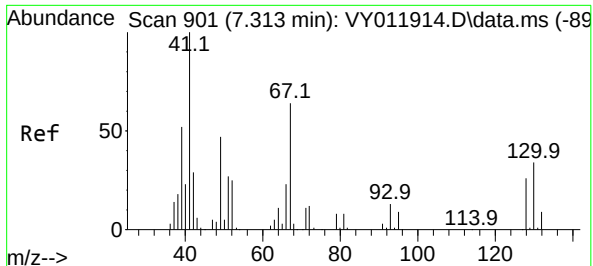
Tgt Ion: 78 Resp: 368623

Ion Ratio Lower Upper

78 100

77 23.3 18.6 27.8

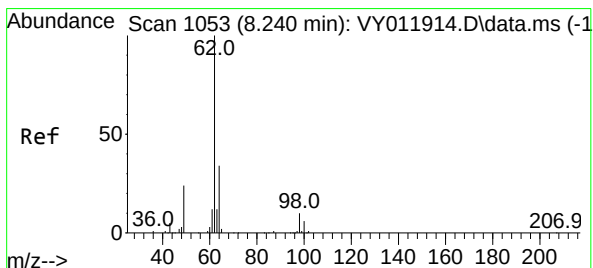
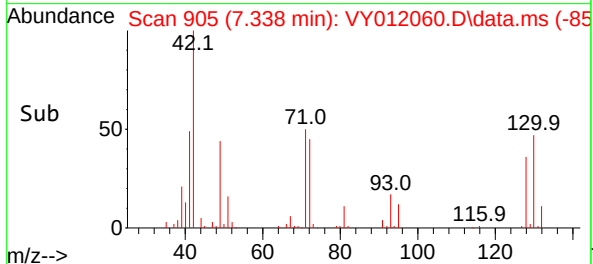
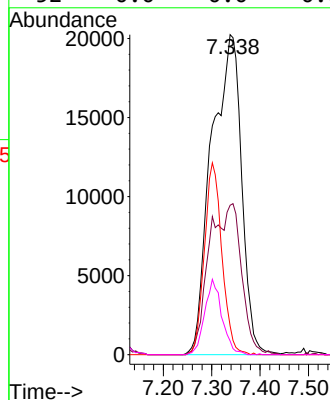
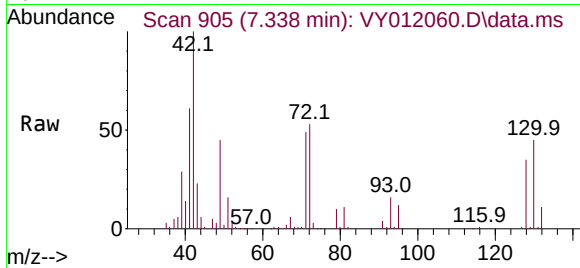




#41
Methacrylonitrile
Concen: 149.080 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

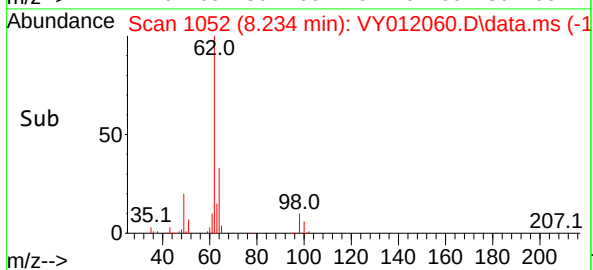
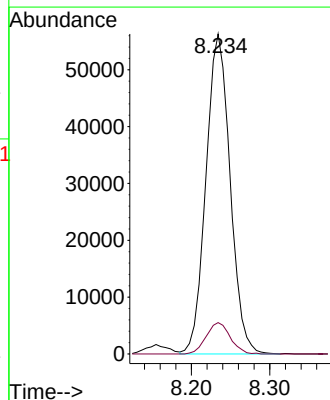
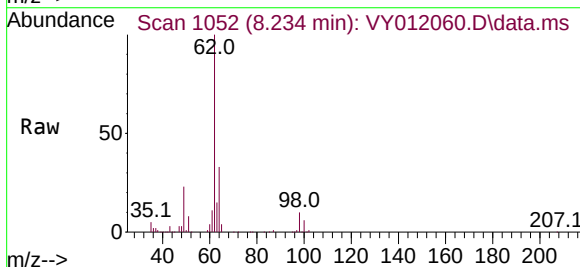
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

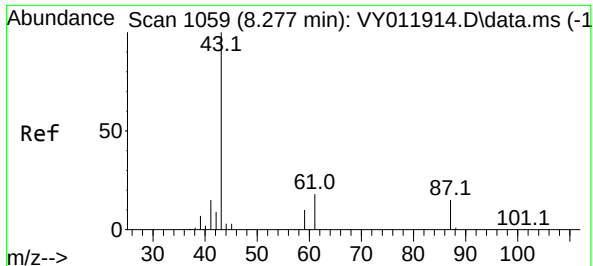
Tgt Ion: 41	Resp: 87090
Ion Ratio	Lower Upper
41 100	
39 0.0	0.0 0.0
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 54.392 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 62	Resp: 120661
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 19.6

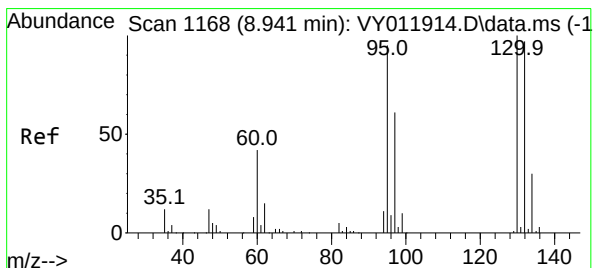
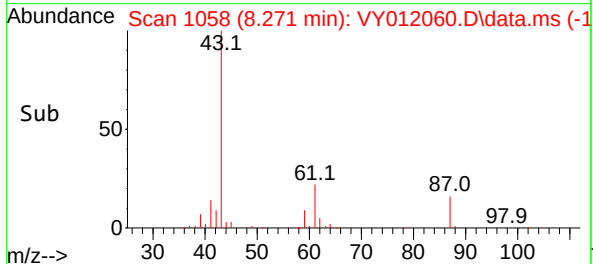
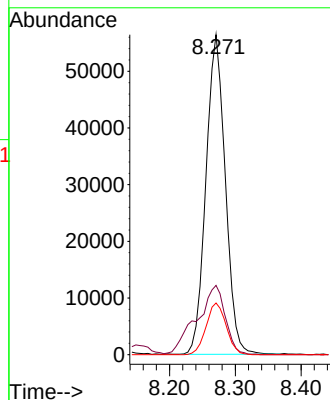
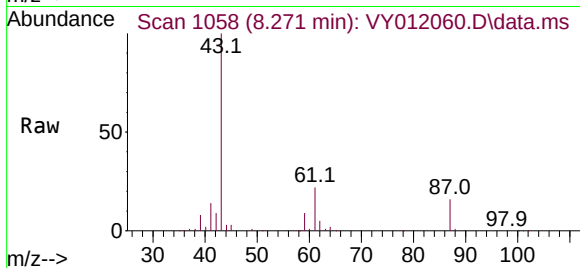




#43
Isopropyl Acetate
Concen: 52.396 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

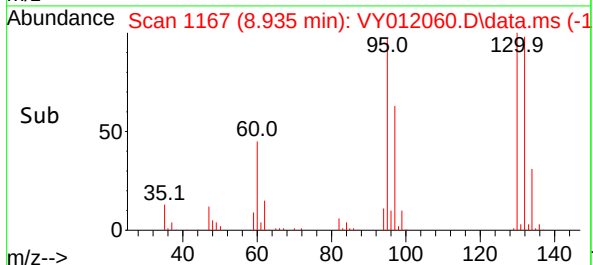
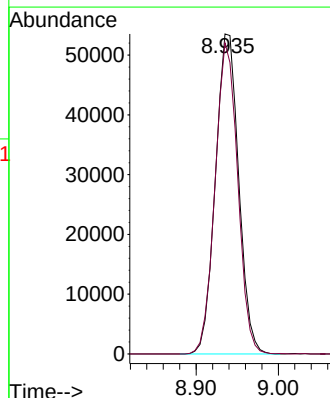
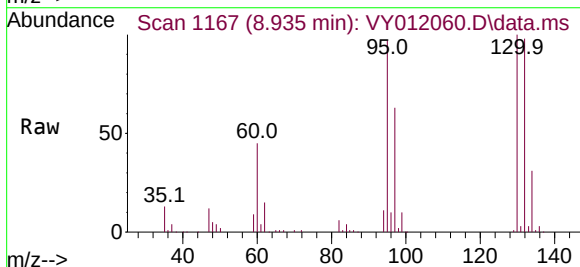
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

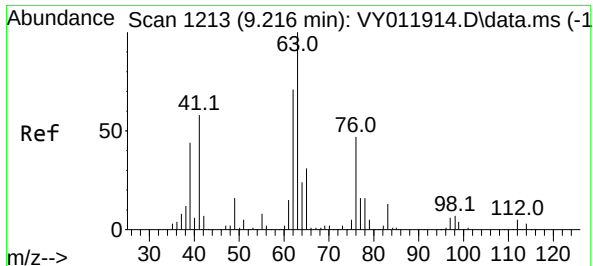
Tgt Ion: 43 Resp: 115604
Ion Ratio Lower Upper
43 100
61 32.1 24.4 36.6
87 16.8 11.4 17.2



#44
Trichloroethene
Concen: 48.443 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion:130 Resp: 105218
Ion Ratio Lower Upper
130 100
95 97.2 0.0 190.6





#45

1,2-Dichloropropane

Concen: 47.943 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

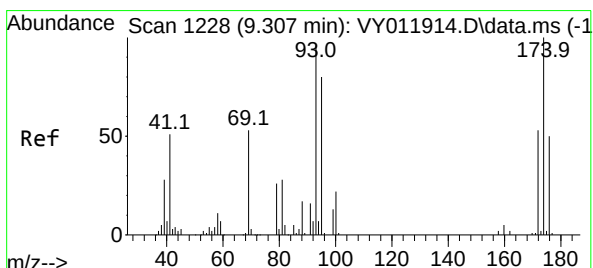
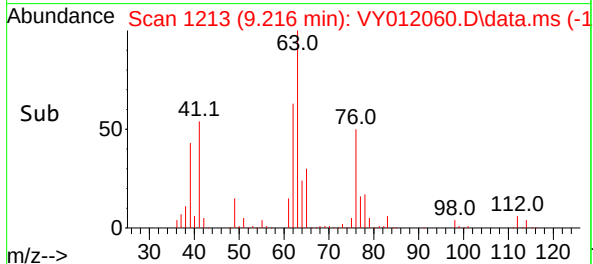
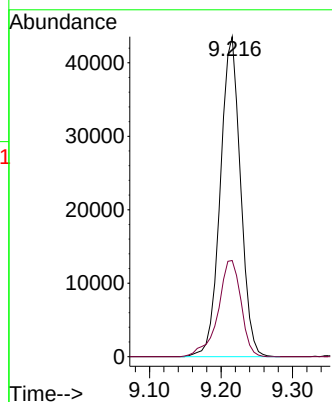
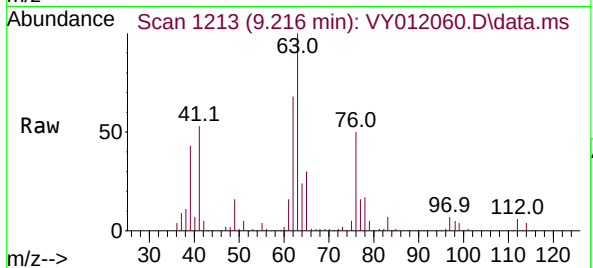
VSTDCCC050EC

Tgt Ion: 63 Resp: 85360

Ion Ratio Lower Upper

63 100

65 30.1 24.9 37.3



#46

Dibromomethane

Concen: 53.069 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

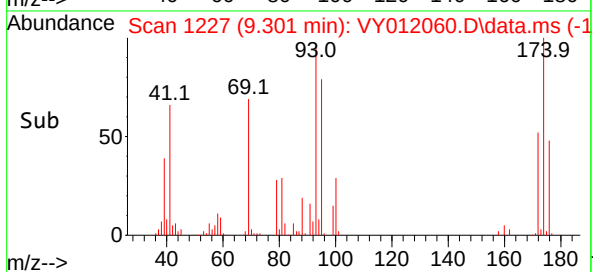
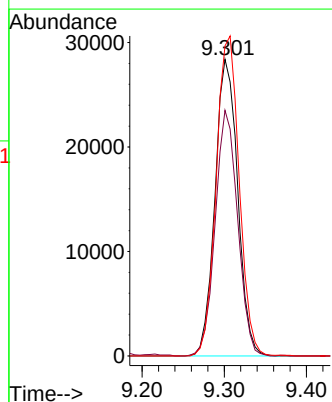
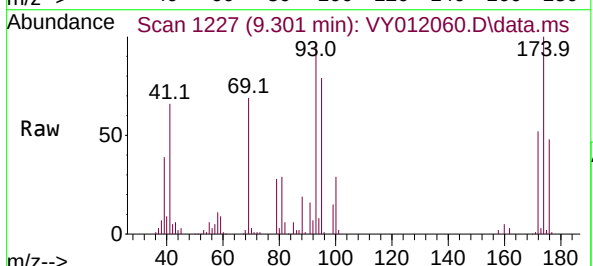
Tgt Ion: 93 Resp: 54426

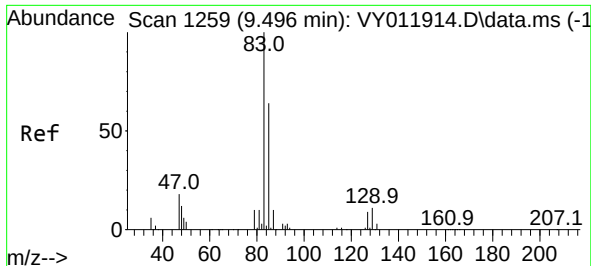
Ion Ratio Lower Upper

93 100

95 81.9 66.1 99.1

174 109.4 84.7 127.1

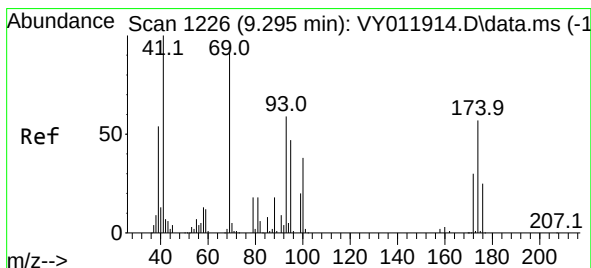
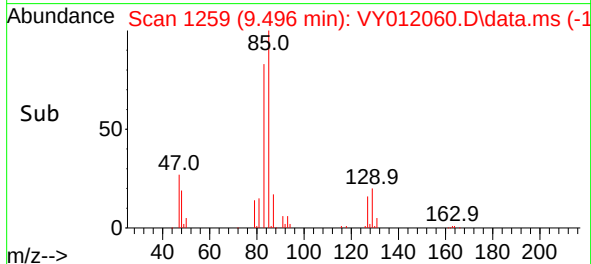
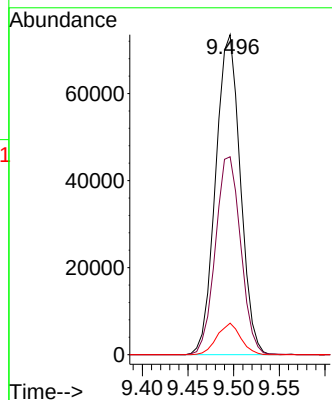
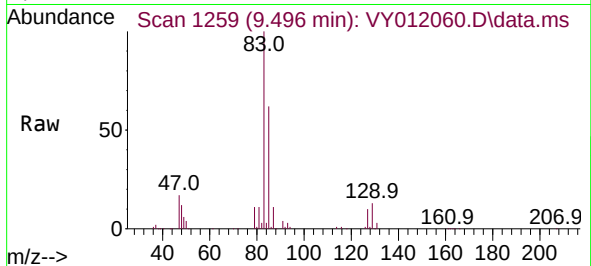




#47
Bromodichloromethane
Concen: 53.037 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

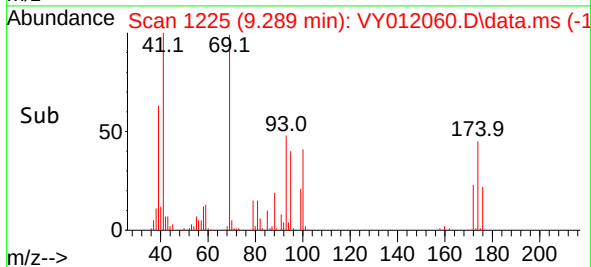
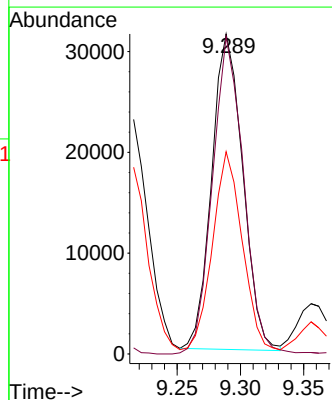
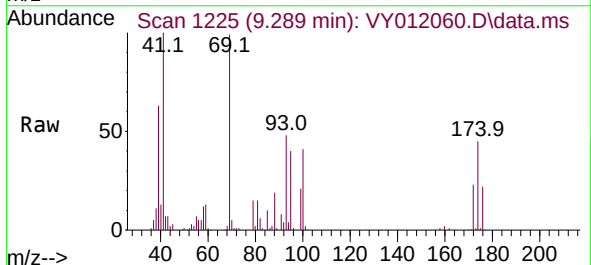
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

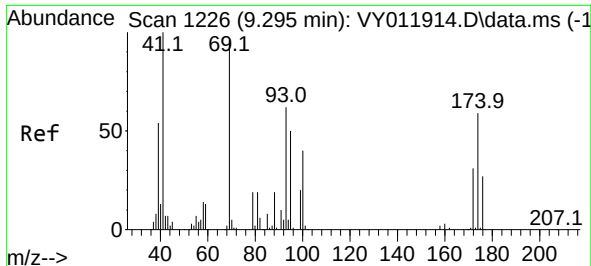
Tgt Ion: 83 Resp: 137994
Ion Ratio Lower Upper
83 100
85 61.8 52.0 78.0
127 9.8 7.3 10.9



#48
Methyl methacrylate
Concen: 52.355 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 41 Resp: 53484
Ion Ratio Lower Upper
41 100
69 100.7 74.2 111.2
39 60.2 46.3 69.5





#49

1,4-Dioxane

Concen: 1237.524 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

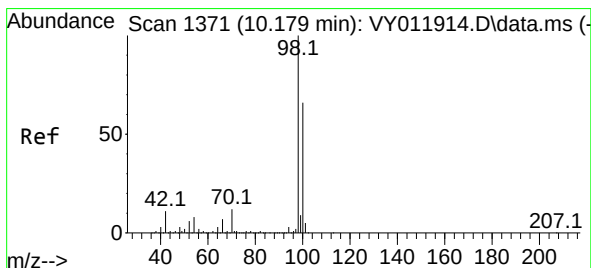
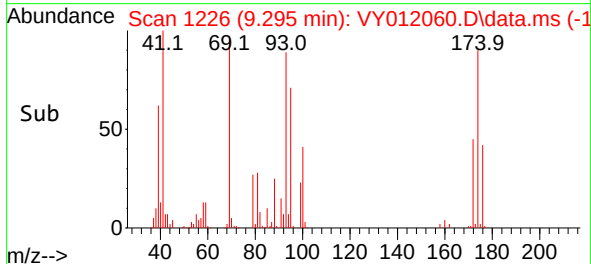
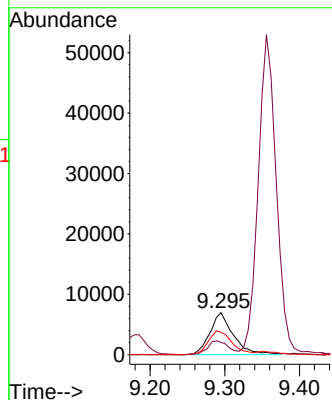
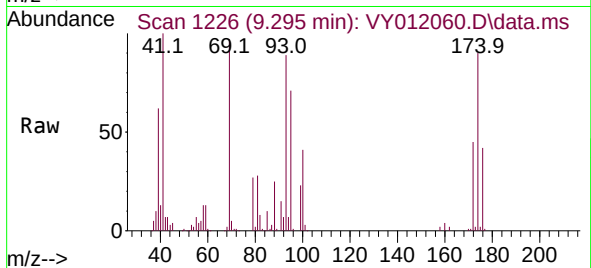
Tgt Ion: 88 Resp: 15153

Ion Ratio Lower Upper

88 100

43 30.0 26.2 39.2

58 57.1 54.3 81.5



#50

Toluene-d8

Concen: 46.984 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012060.D

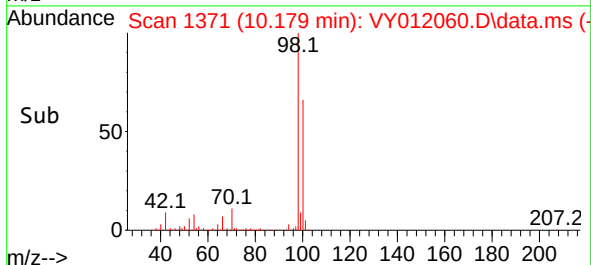
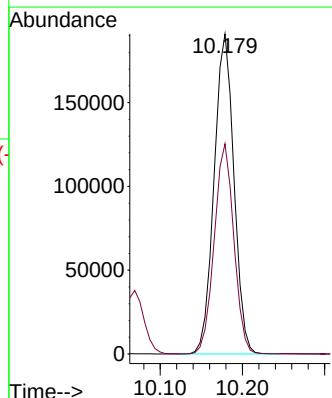
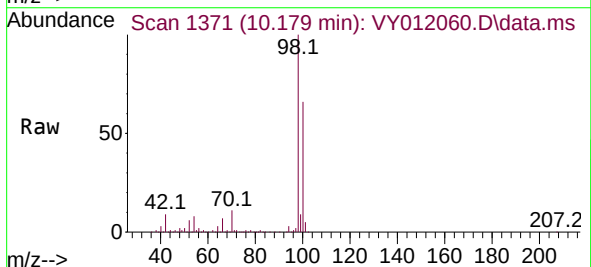
Acq: 03 Jan 2023 20:25

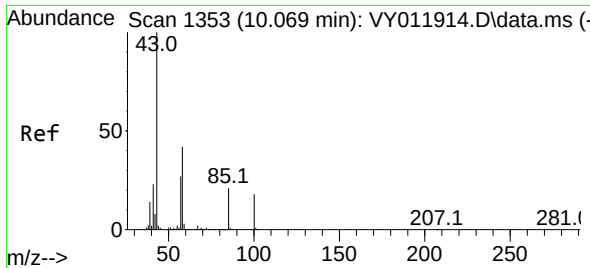
Tgt Ion: 98 Resp: 320003

Ion Ratio Lower Upper

98 100

100 65.0 51.9 77.9

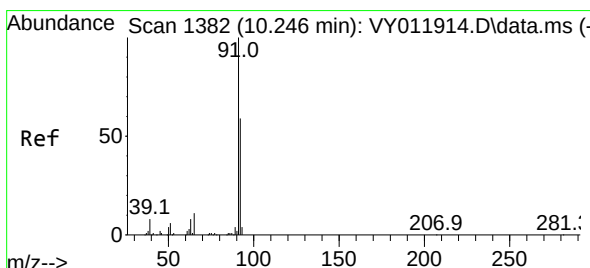
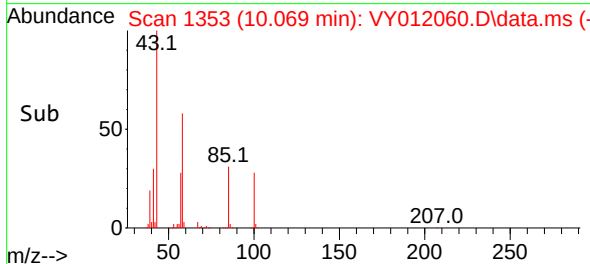
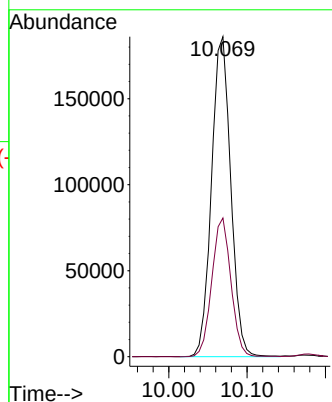
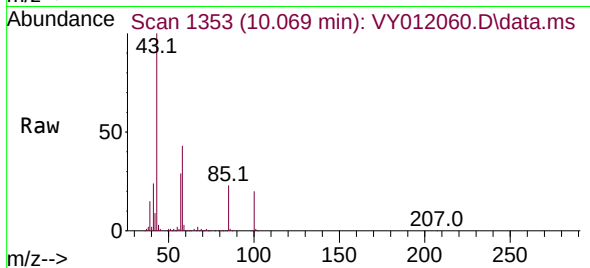




#51
4-Methyl-2-Pentanone
Concen: 269.880 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

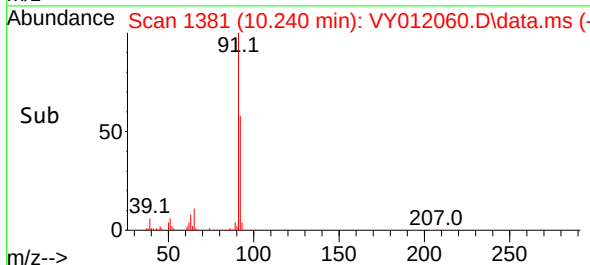
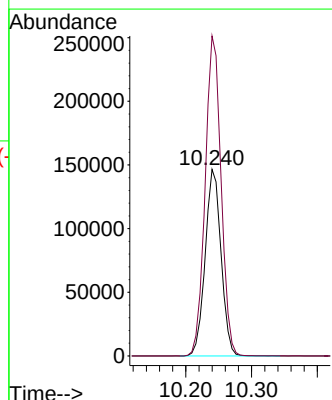
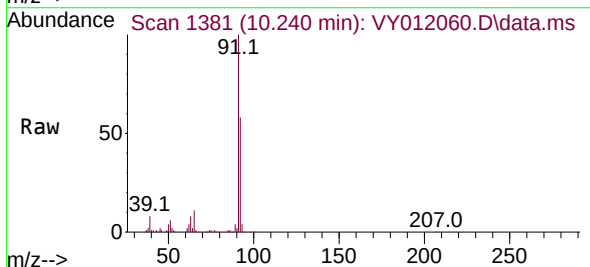
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

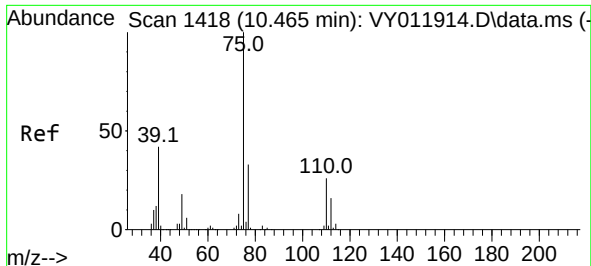
Tgt Ion: 43 Resp: 317509
Ion Ratio Lower Upper
43 100
58 43.0 32.9 49.3



#52
Toluene
Concen: 50.047 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 92 Resp: 245706
Ion Ratio Lower Upper
92 100
91 171.7 137.4 206.0

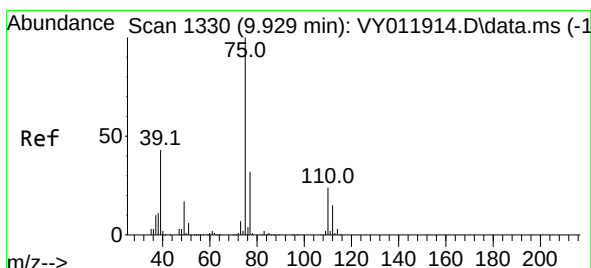
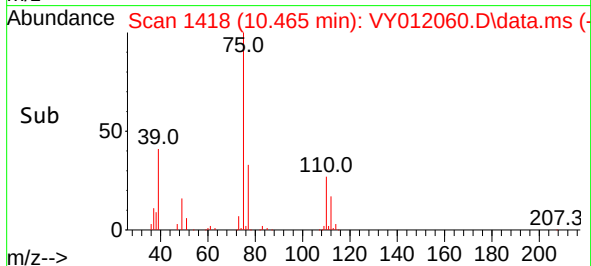
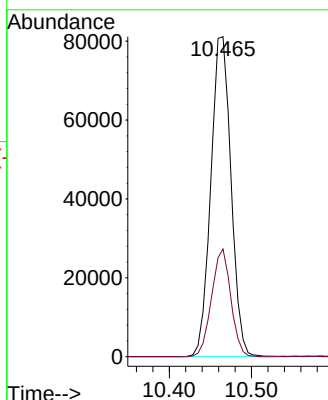
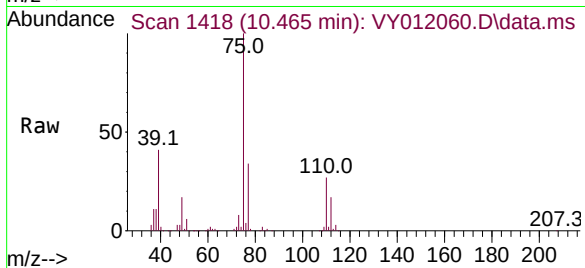




#53
t-1,3-Dichloropropene
Concen: 52.719 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

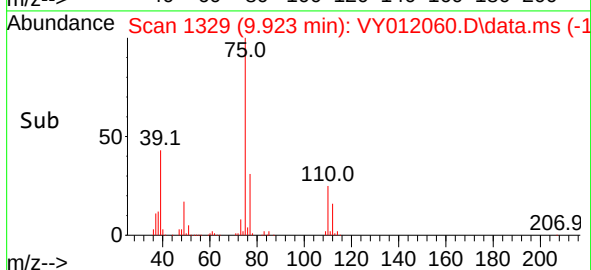
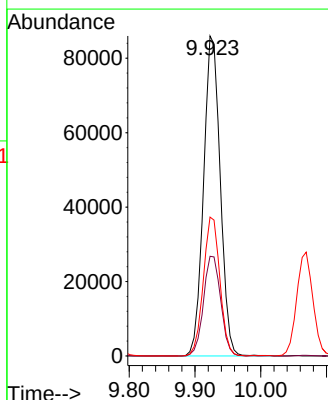
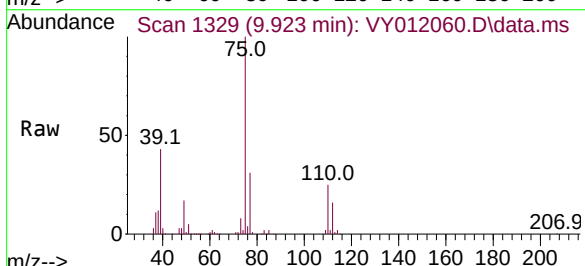
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

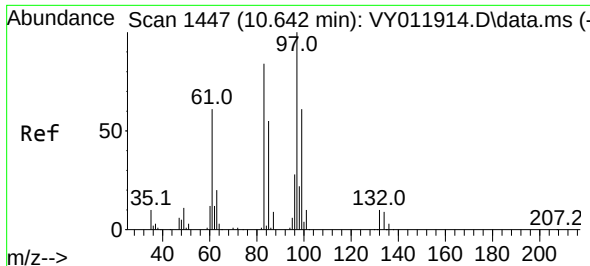
Tgt Ion: 75 Resp: 138603
Ion Ratio Lower Upper
75 100
77 33.6 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 51.404 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 75 Resp: 151908
Ion Ratio Lower Upper
75 100
77 31.1 25.9 38.9
39 43.4 34.6 52.0

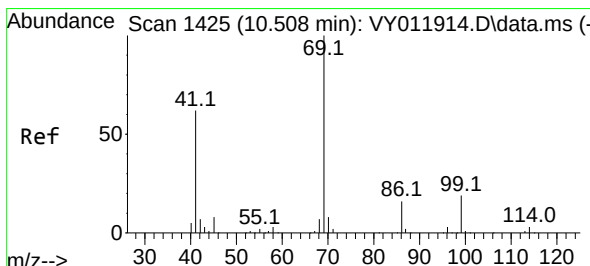
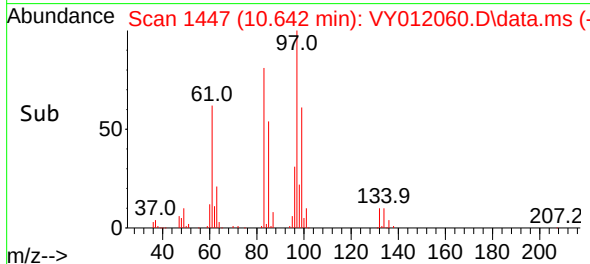
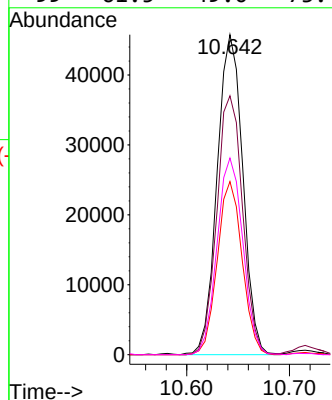
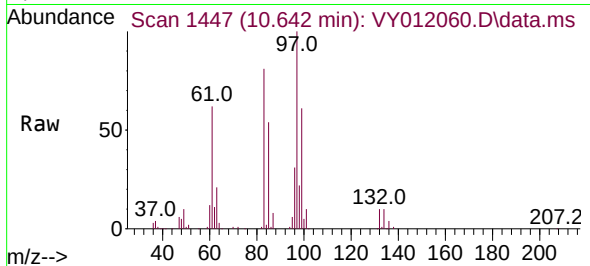




#55
1,1,2-Trichloroethane
Concen: 54.505 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

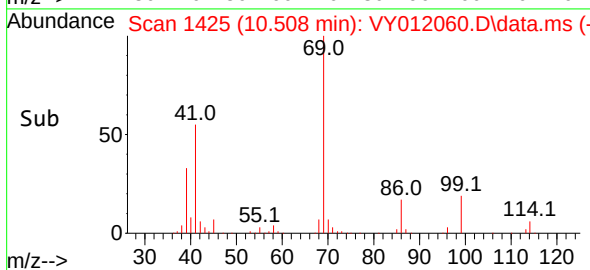
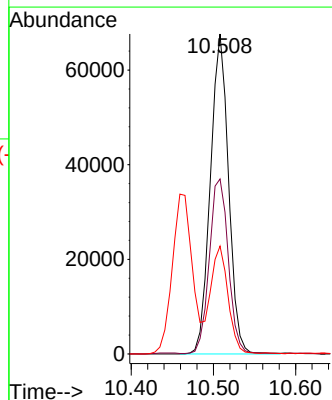
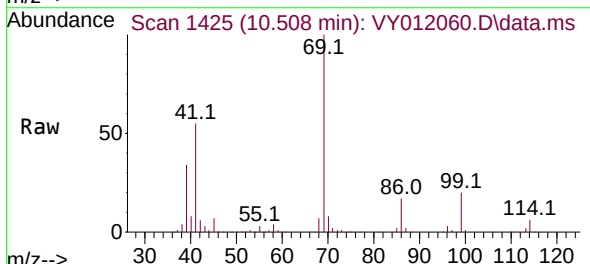
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

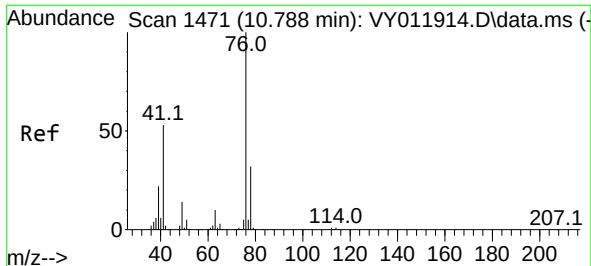
Tgt Ion:	97	Resp:	79324
Ion	Ratio	Lower	Upper
97	100		
83	80.9	67.7	101.5
85	54.1	43.8	65.8
99	61.5	49.0	73.4



#56
Ethyl methacrylate
Concen: 56.420 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion:	69	Resp:	103961
Ion	Ratio	Lower	Upper
69	100		
41	57.1	48.9	73.3
39	33.1	25.9	38.9





#57

1,3-Dichloropropane

Concen: 52.995 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

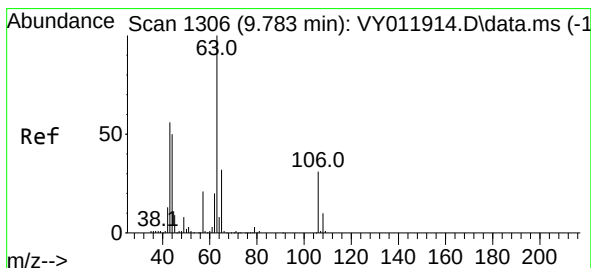
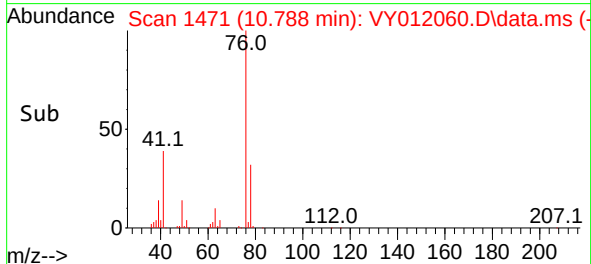
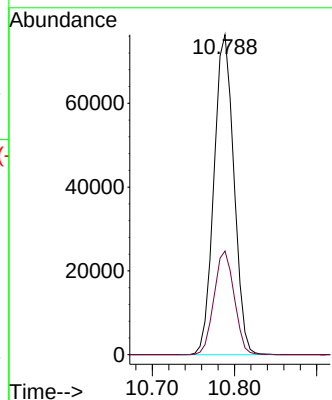
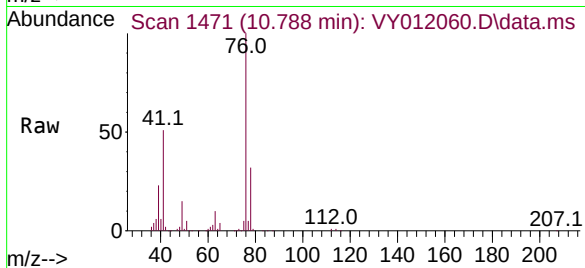
VSTDCCC050EC

Tgt Ion: 76 Resp: 128709

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 269.532 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY012060.D

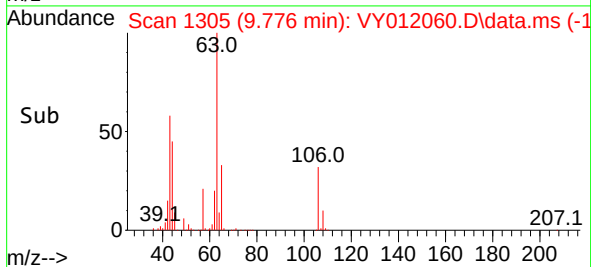
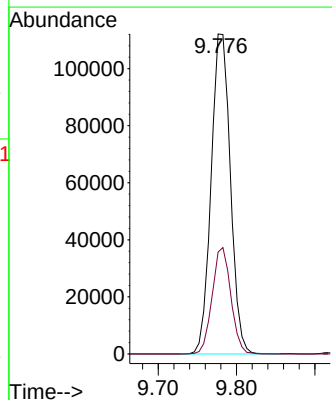
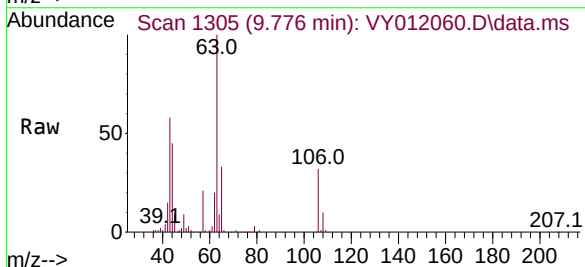
Acq: 03 Jan 2023 20:25

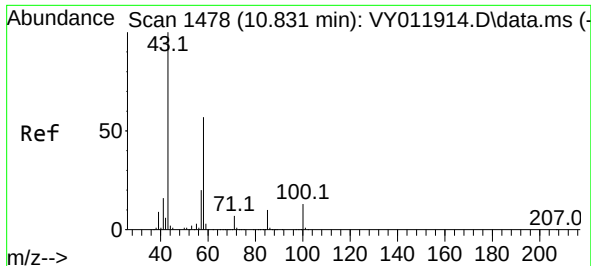
Tgt Ion: 63 Resp: 191644

Ion Ratio Lower Upper

63 100

106 32.2 23.2 34.8

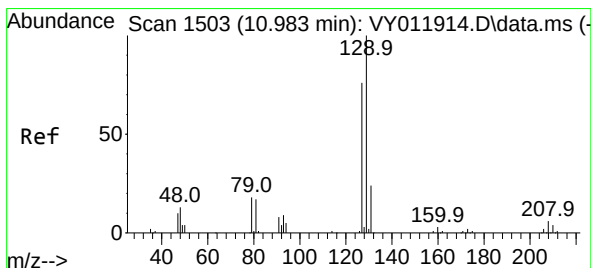
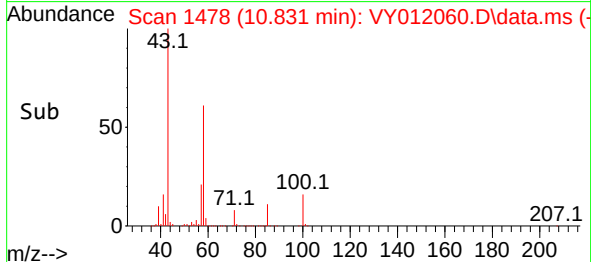
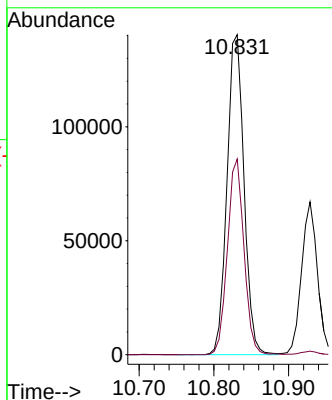
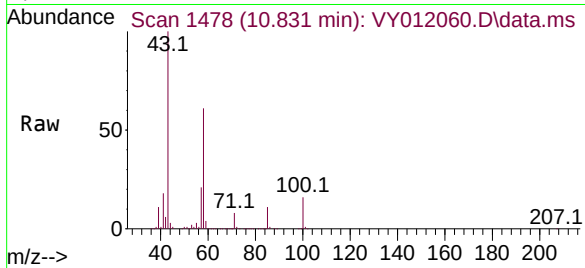




#59
2-Hexanone
Concen: 256.797 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

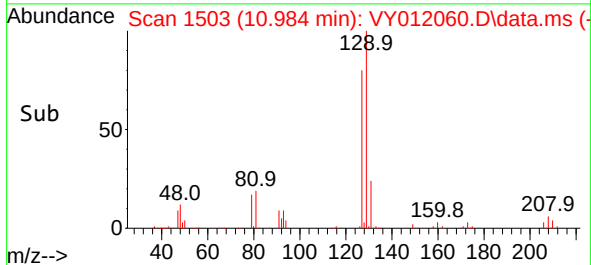
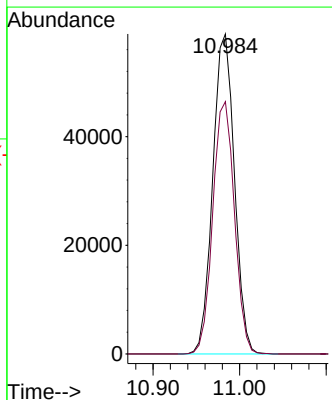
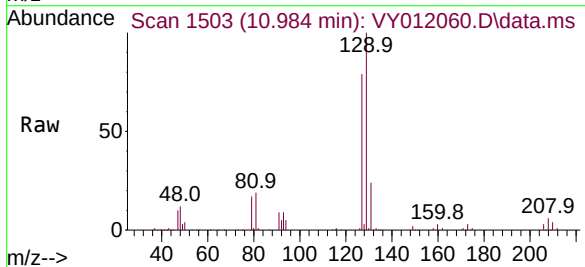
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

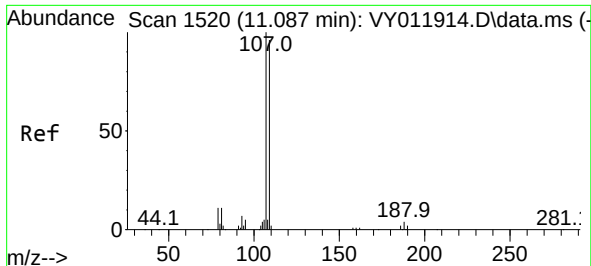
Tgt Ion: 43 Resp: 222260
Ion Ratio Lower Upper
43 100
58 59.5 28.4 85.2



#60
Dibromochloromethane
Concen: 55.830 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 129 Resp: 102356
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6

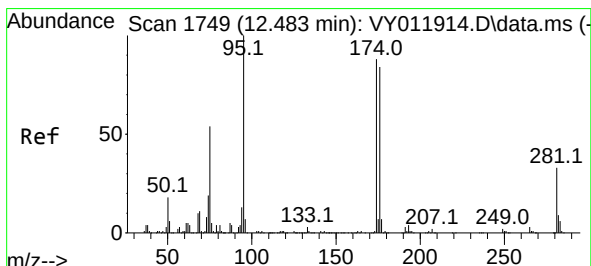
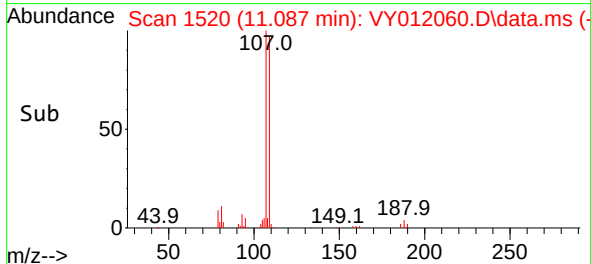
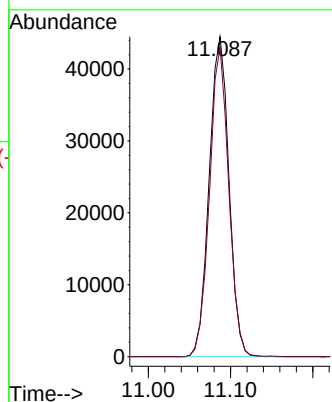
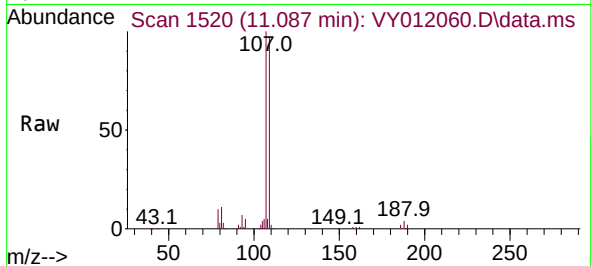




#61
1,2-Dibromoethane
Concen: 54.462 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

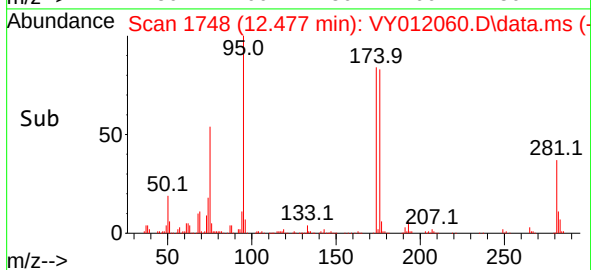
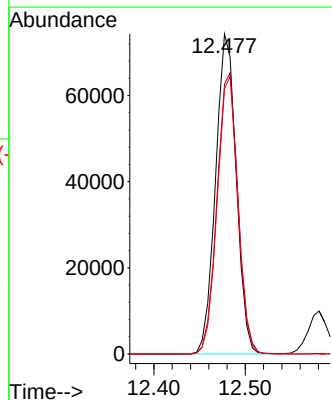
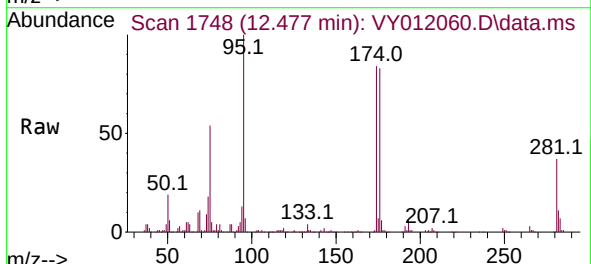
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

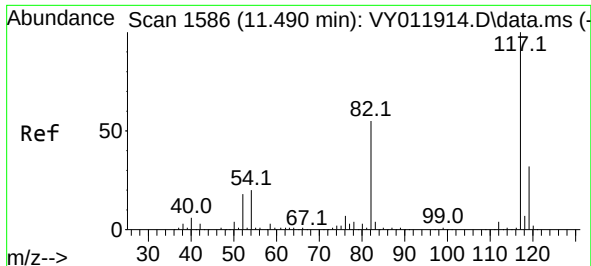
Tgt Ion:107 Resp: 74154
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 50.875 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 95 Resp: 116536
Ion Ratio Lower Upper
95 100
174 89.1 0.0 172.0
176 86.8 0.0 167.6

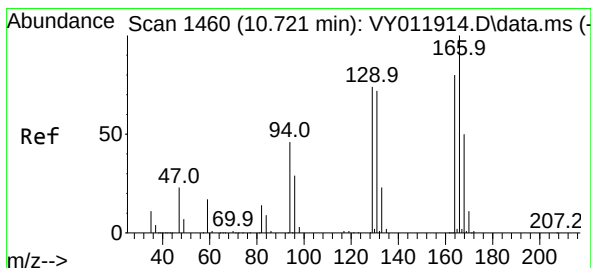
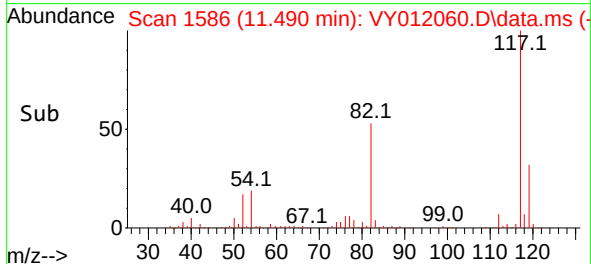
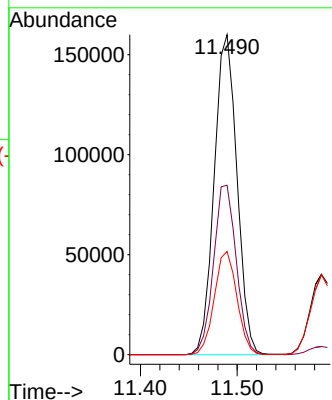
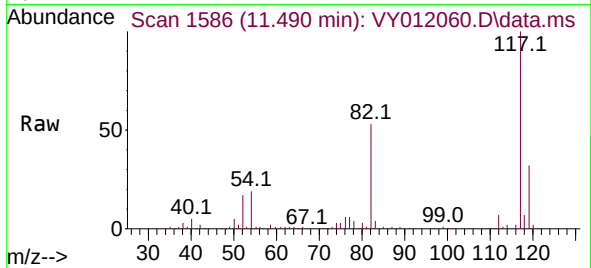




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

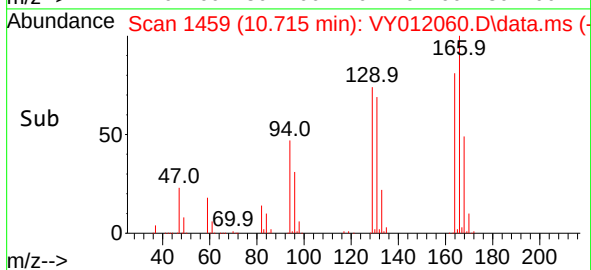
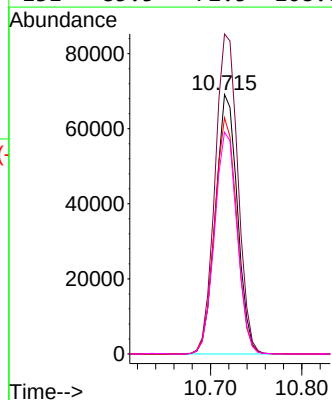
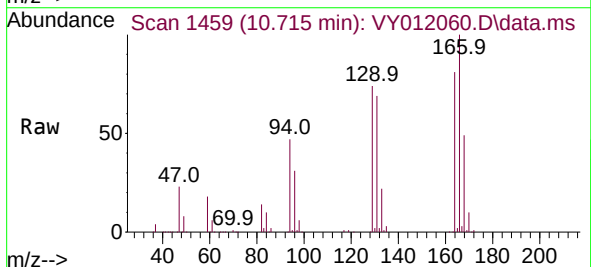
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

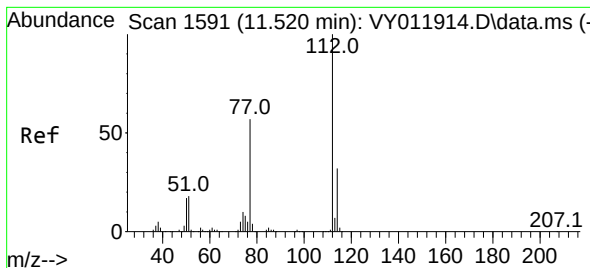
Tgt Ion:117 Resp: 261394
Ion Ratio Lower Upper
117 100
82 53.0 44.8 67.2
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 50.677 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion:164 Resp: 115950
Ion Ratio Lower Upper
164 100
166 123.3 102.3 153.5
129 91.1 77.2 115.8
131 85.5 72.5 108.7





#65

Chlorobenzene

Concen: 49.289 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

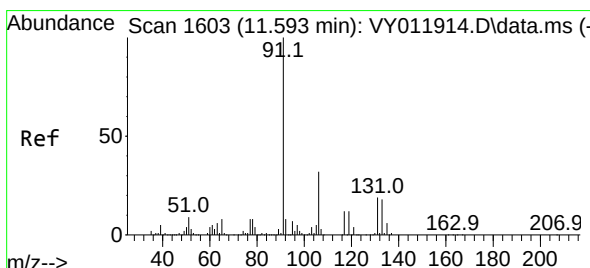
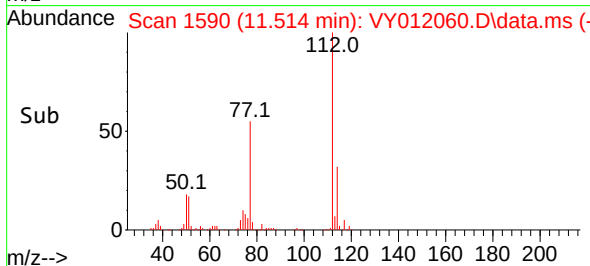
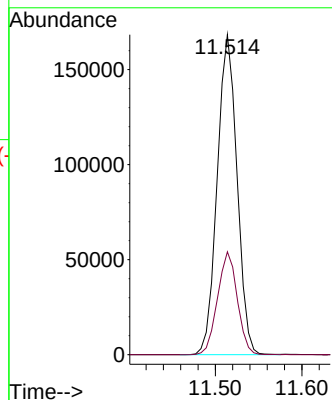
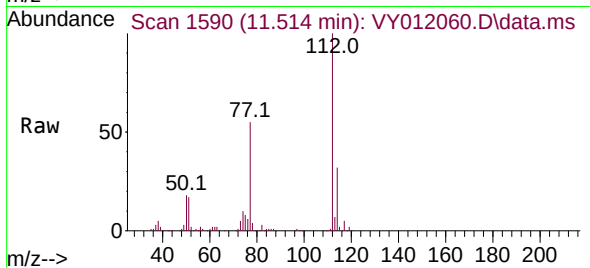
VSTDCCC050EC

Tgt Ion:112 Resp: 267512

Ion Ratio Lower Upper

112 100

114 32.2 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 51.551 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

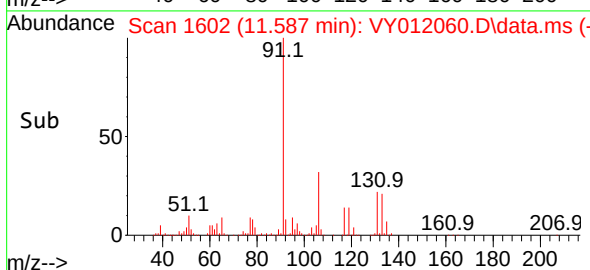
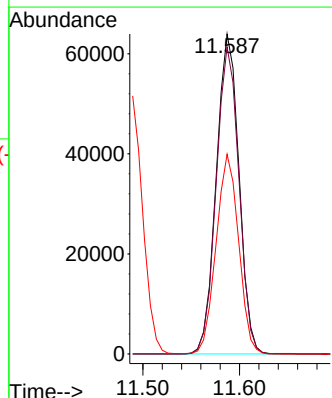
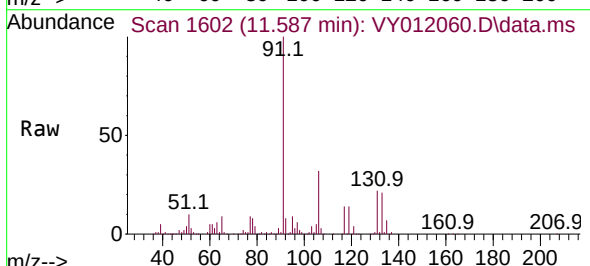
Tgt Ion:131 Resp: 104100

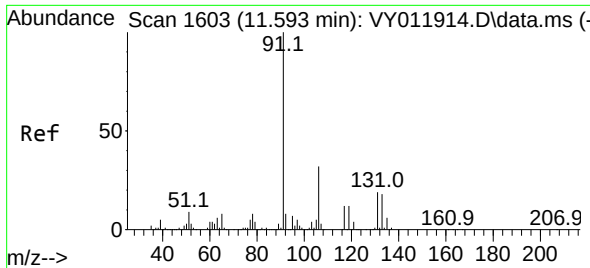
Ion Ratio Lower Upper

131 100

133 96.0 47.3 142.0

119 61.9 32.1 96.3

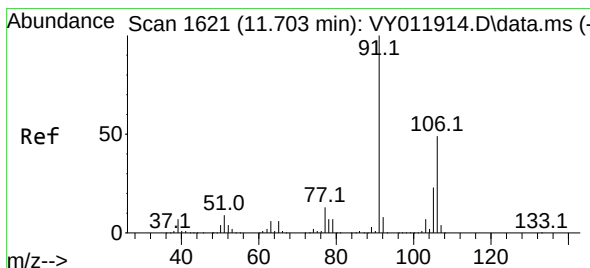
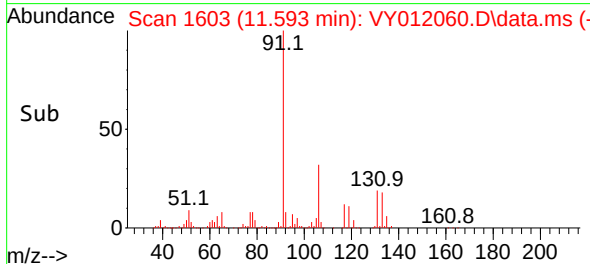
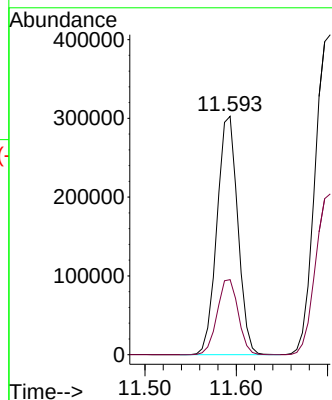
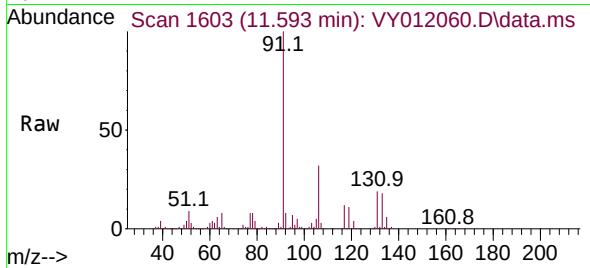




#67
Ethyl Benzene
Concen: 48.826 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

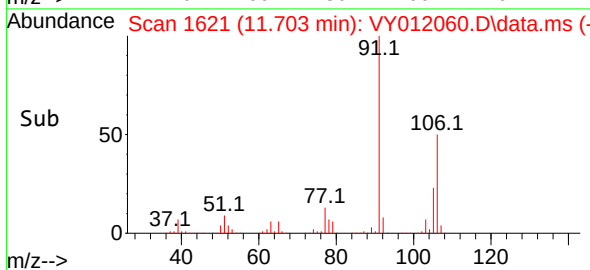
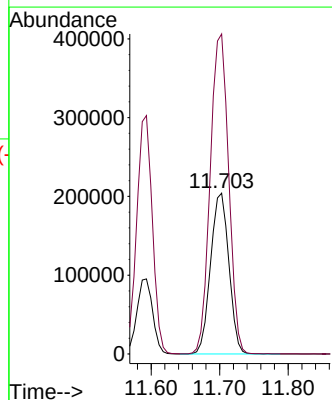
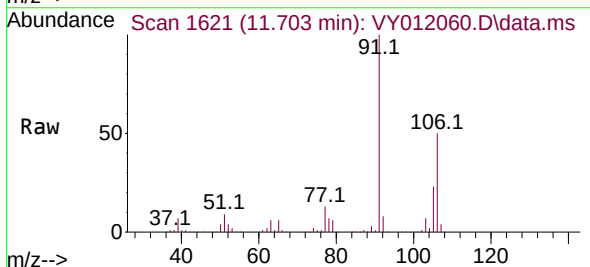
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

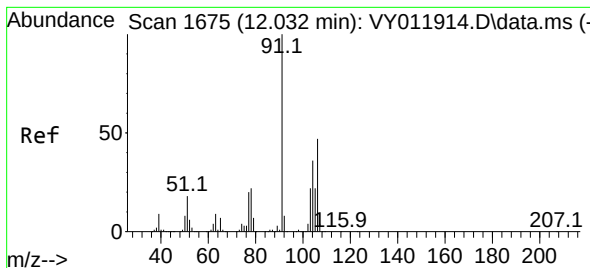
Tgt Ion: 91 Resp: 479021
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 99.008 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 106 Resp: 377761
Ion Ratio Lower Upper
106 100
91 201.0 162.5 243.7





#69

o-Xylene

Concen: 50.660 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

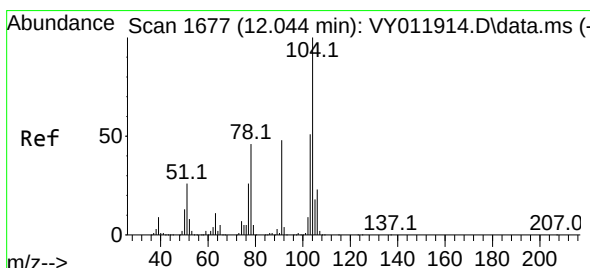
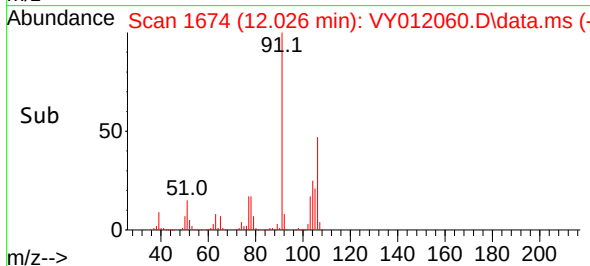
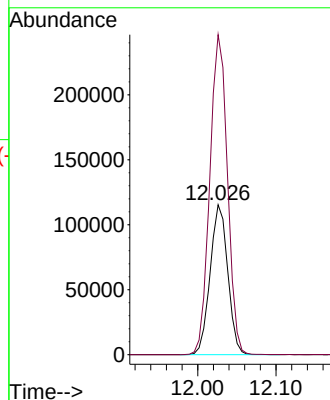
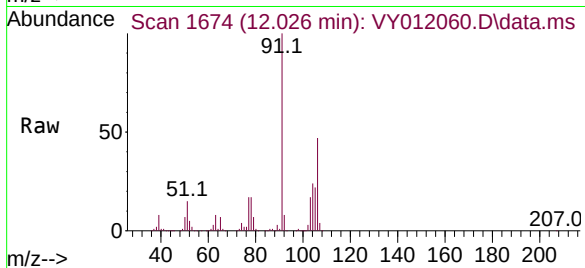
VSTDCCC050EC

Tgt Ion:106 Resp: 179845

Ion Ratio Lower Upper

106 100

91 214.2 107.5 322.4



#70

Styrene

Concen: 52.168 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

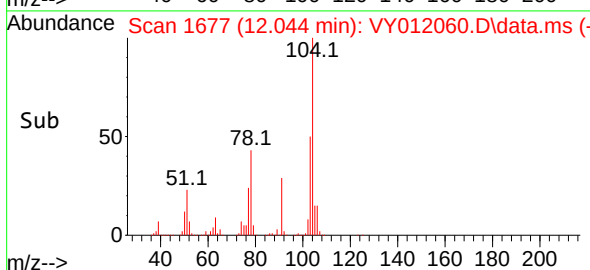
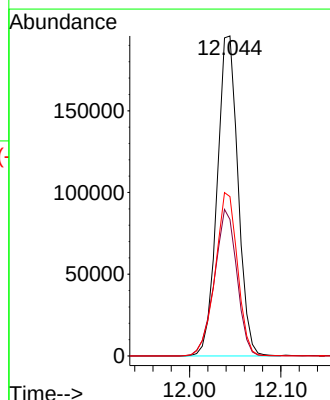
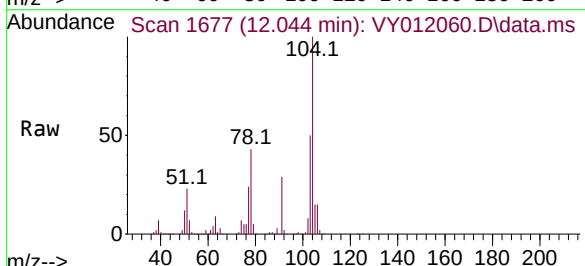
Tgt Ion:104 Resp: 310965

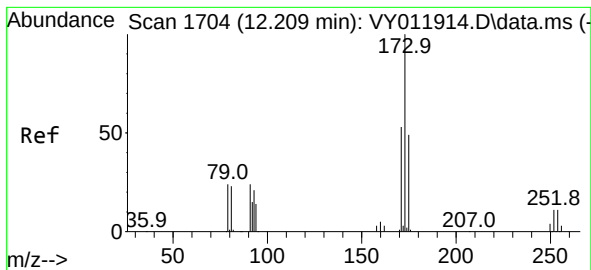
Ion Ratio Lower Upper

104 100

78 49.4 39.4 59.0

103 54.7 43.0 64.4





#71

Bromoform

Concen: 56.504 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

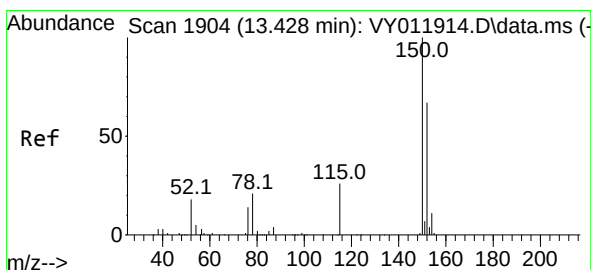
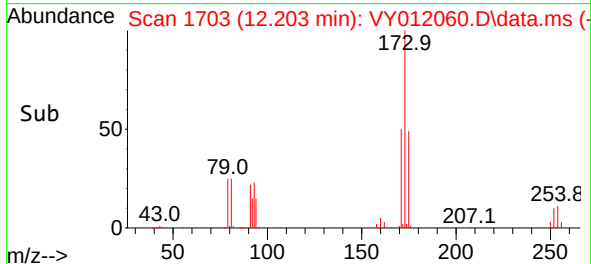
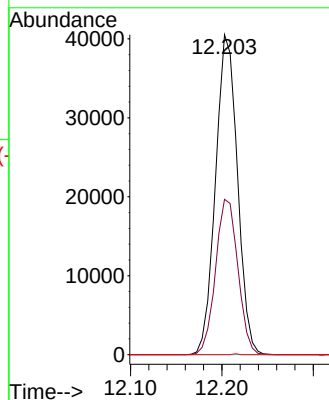
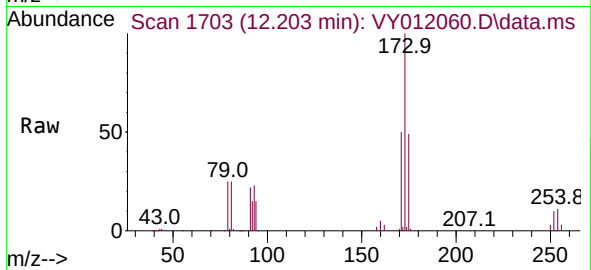
Tgt Ion:173 Resp: 67611

Ion Ratio Lower Upper

173 100

175 49.4 23.8 71.5

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

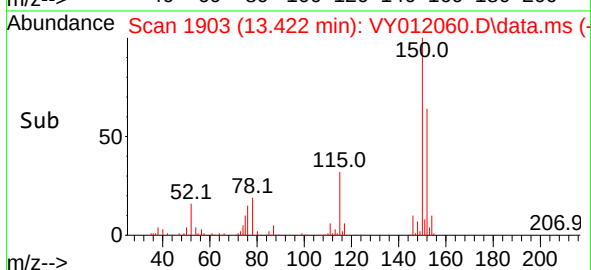
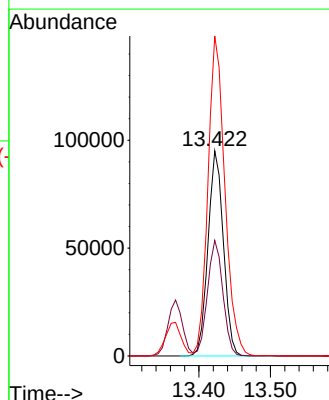
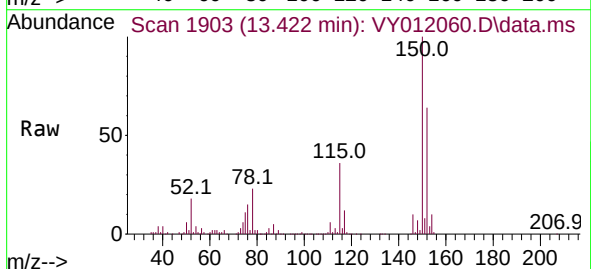
Tgt Ion:152 Resp: 142147

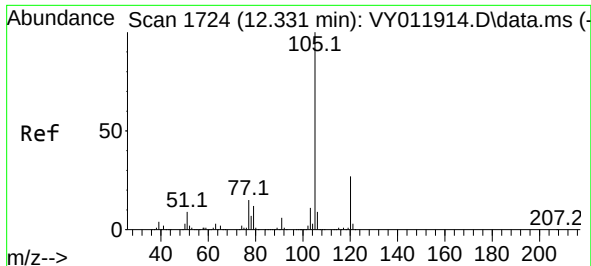
Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 171.3 0.0 342.6

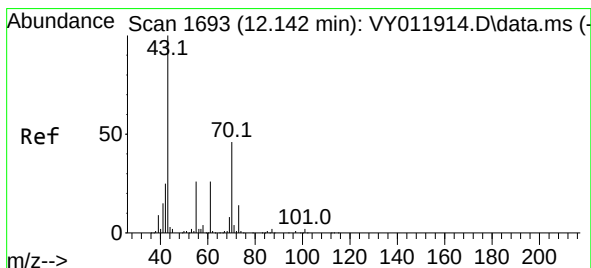
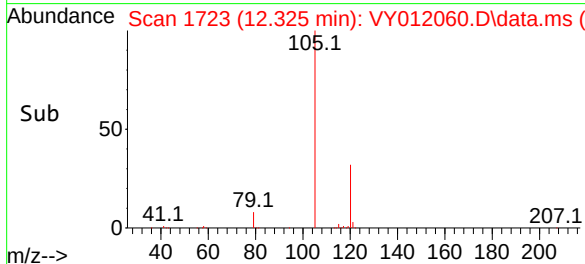
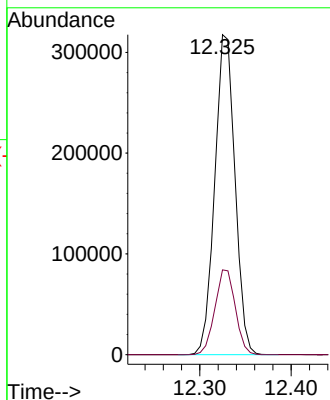
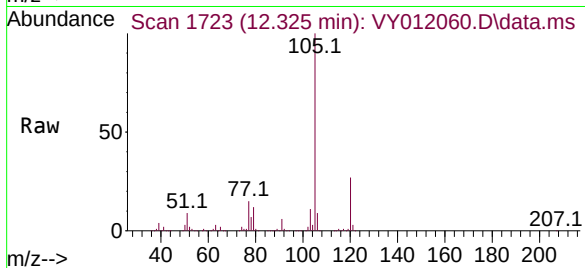




#73
Isopropylbenzene
Concen: 46.397 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

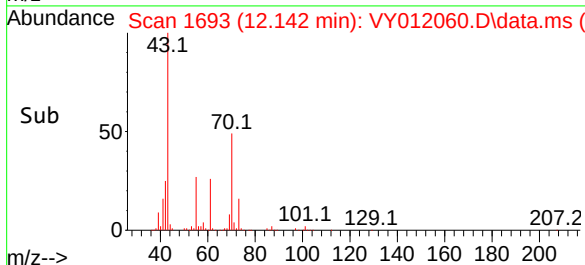
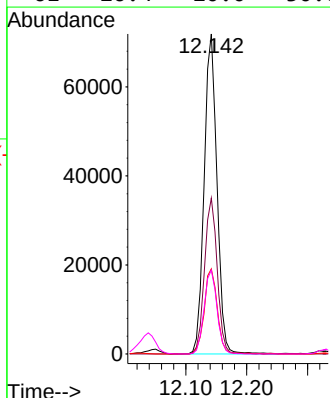
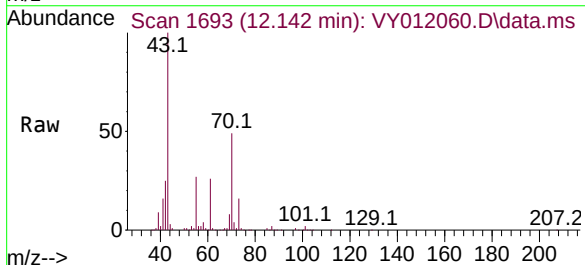
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

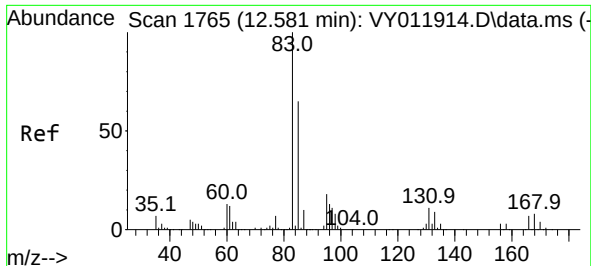
Tgt Ion:105 Resp: 489406
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 48.609 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 43 Resp: 105118
Ion Ratio Lower Upper
43 100
70 48.5 35.8 53.8
55 27.2 21.0 31.4
61 26.4 20.0 30.0

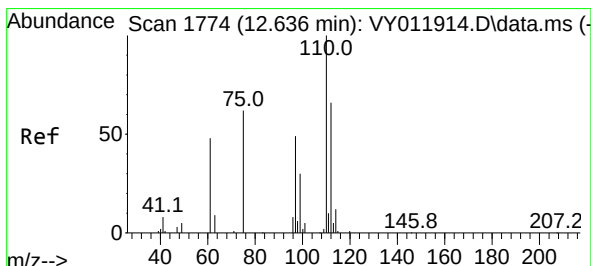
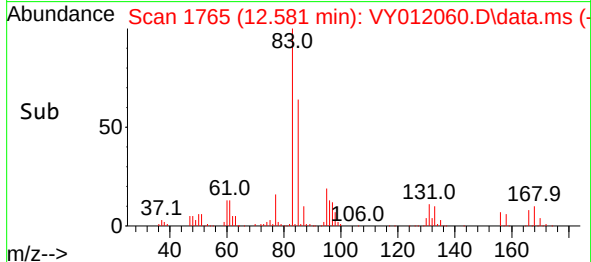
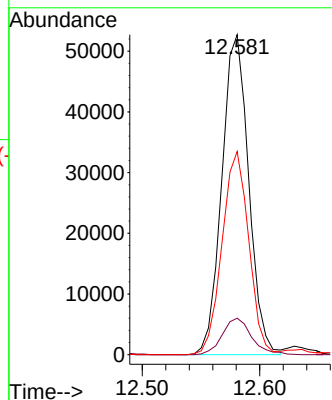
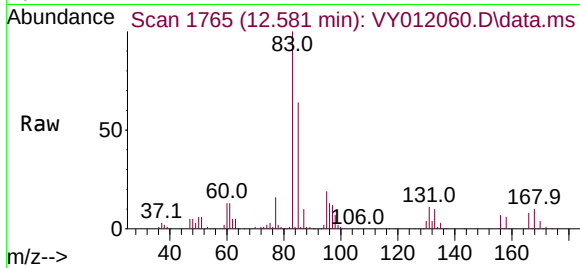




#75
1,1,2,2-Tetrachloroethane
Concen: 47.619 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

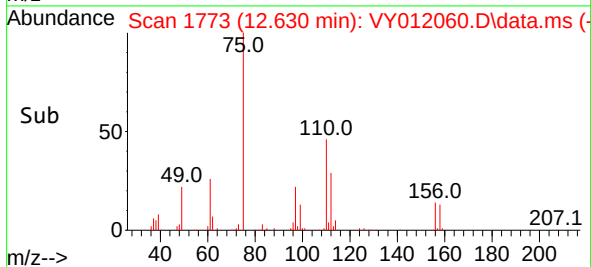
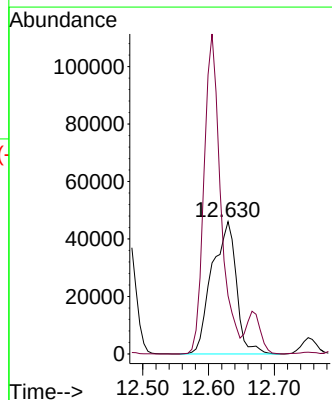
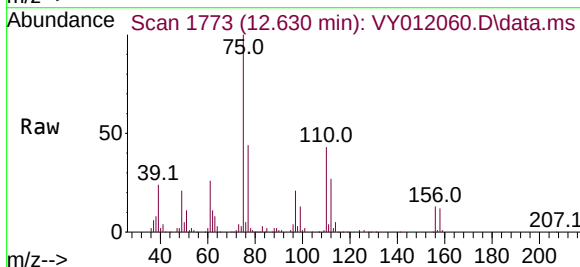
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

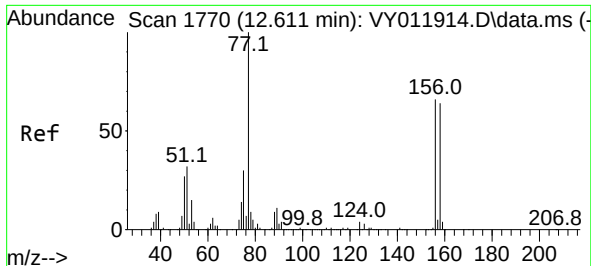
Tgt Ion: 83 Resp: 83795
Ion Ratio Lower Upper
83 100
131 12.4 5.6 16.8
85 63.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 67.469 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 75 Resp: 119338
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

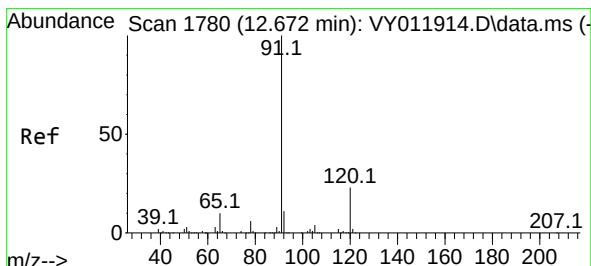
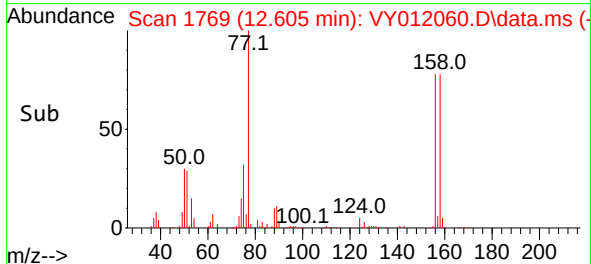
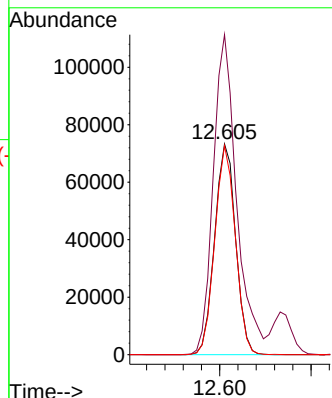
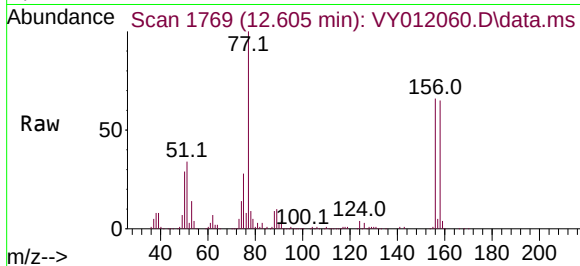




#77
Bromobenzene
Concen: 47.869 ug/l
RT: 12.605 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

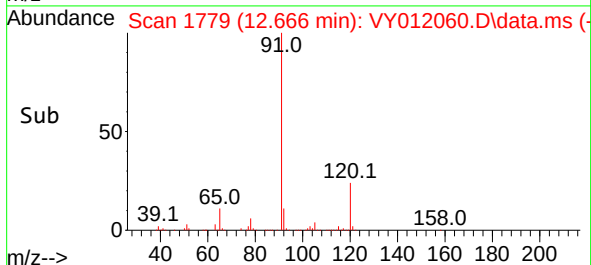
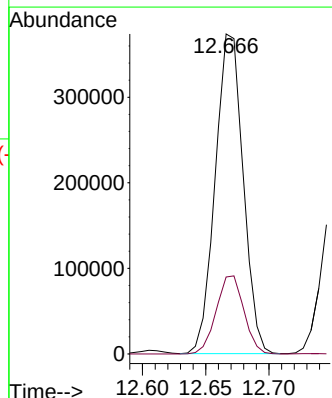
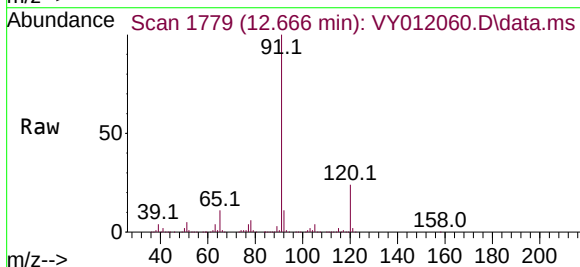
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

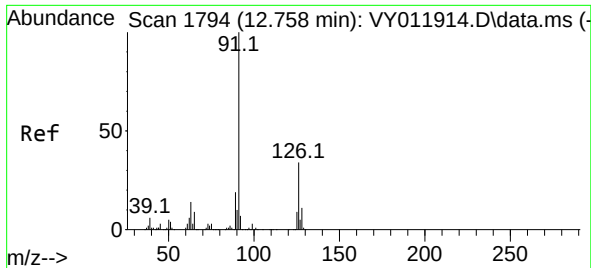
Tgt Ion:156 Resp: 116815
Ion Ratio Lower Upper
156 100
77 168.8 90.0 270.0
158 97.4 48.4 145.2



#78
n-propylbenzene
Concen: 45.252 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 91 Resp: 573760
Ion Ratio Lower Upper
91 100
120 24.2 11.8 35.4

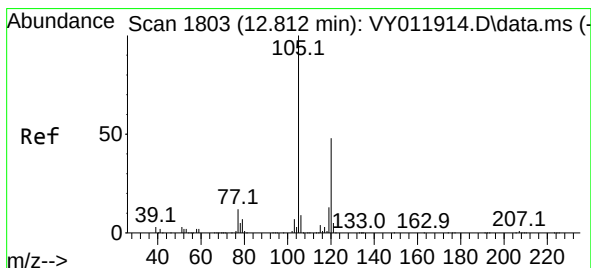
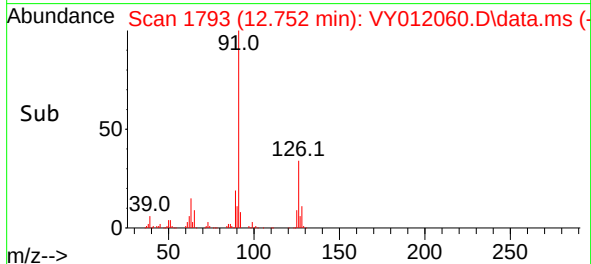
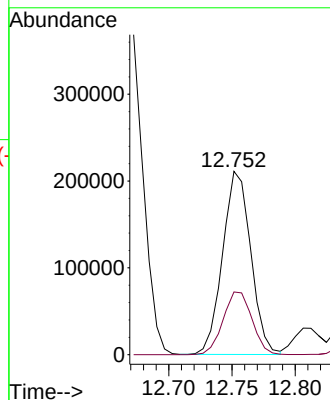
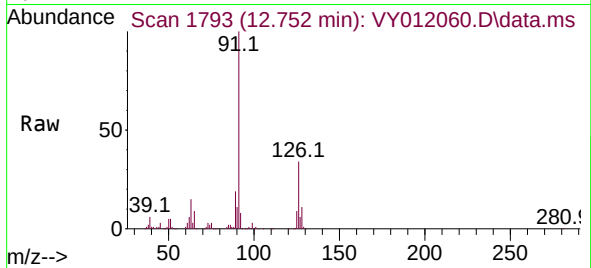




#79
2-Chlorotoluene
Concen: 45.979 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

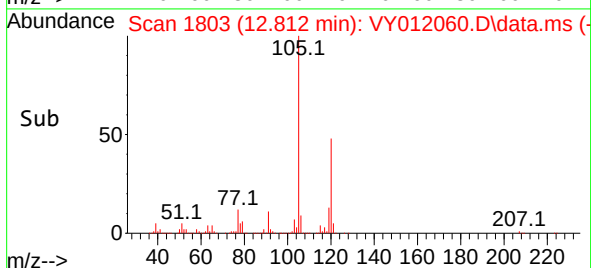
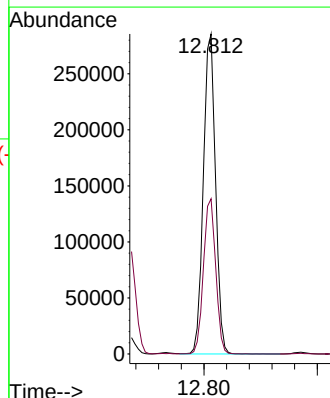
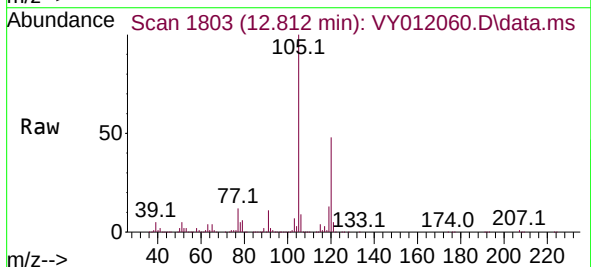
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

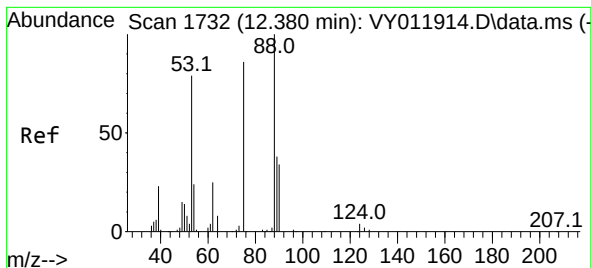
Tgt Ion: 91 Resp: 327697
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.5



#80
1,3,5-Trimethylbenzene
Concen: 46.982 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 105 Resp: 424293
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6

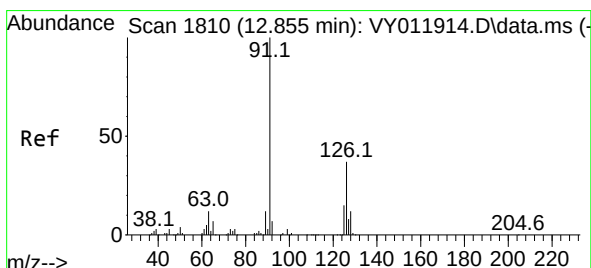
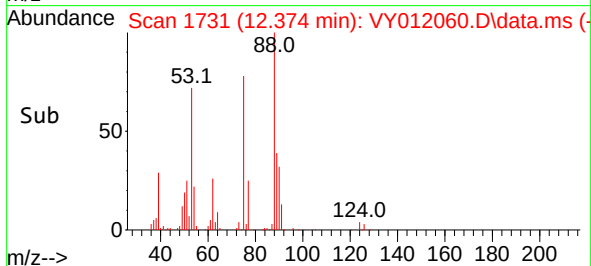
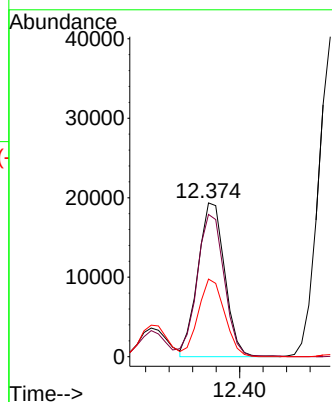
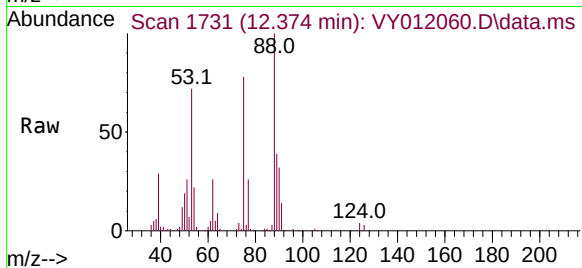




#81
trans-1,4-Dichloro-2-butene
Concen: 47.529 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

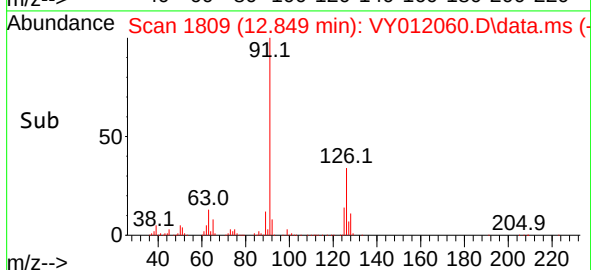
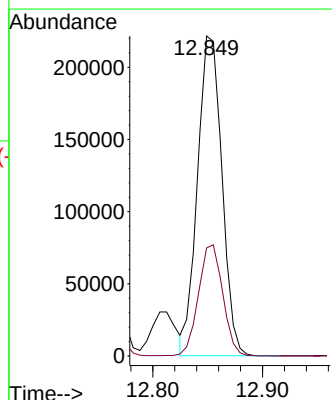
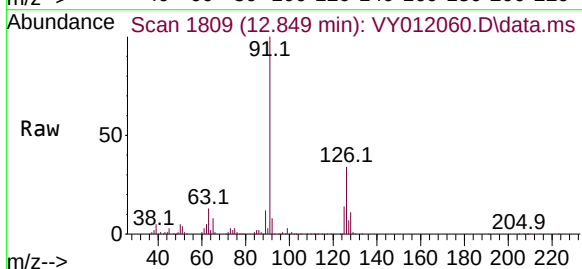
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

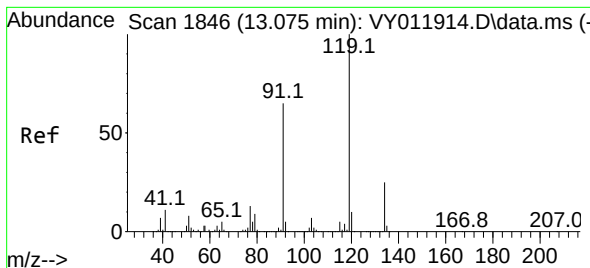
Tgt Ion: 75 Resp: 30699
Ion Ratio Lower Upper
75 100
53 94.0 72.5 108.7
89 49.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 46.638 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 91 Resp: 343922
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 48.441 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

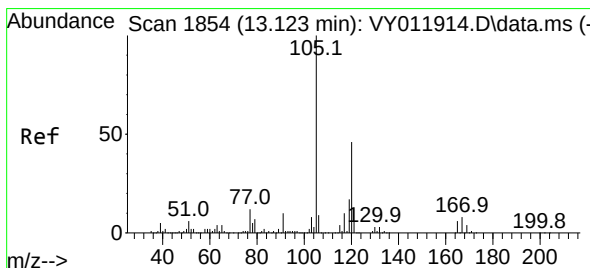
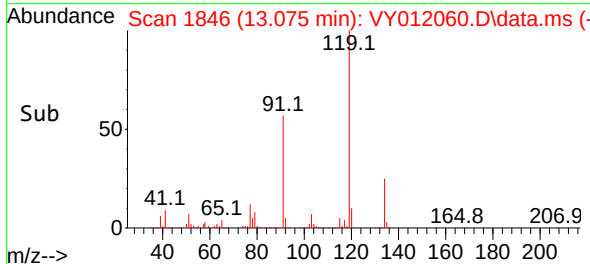
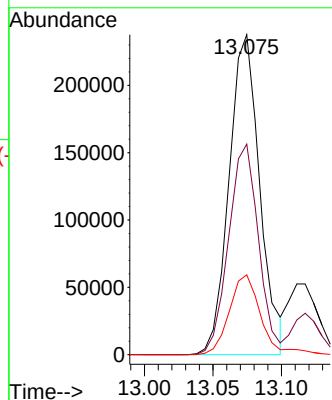
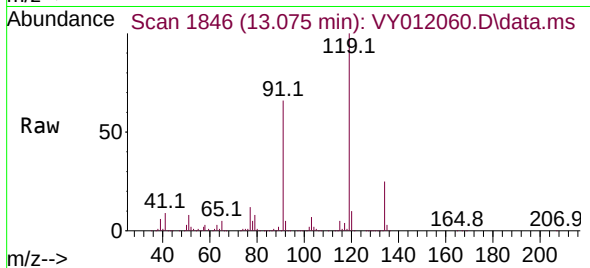
Tgt Ion:119 Resp: 370757

Ion Ratio Lower Upper

119 100

91 64.2 32.3 96.8

134 25.7 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 47.201 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY012060.D

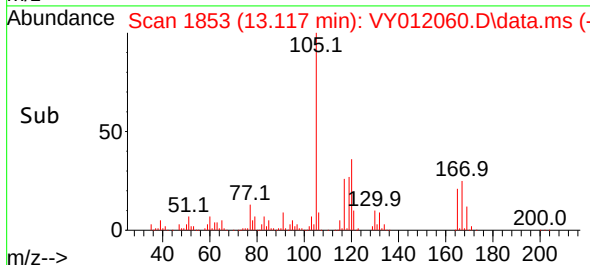
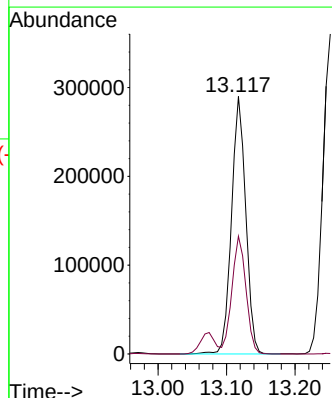
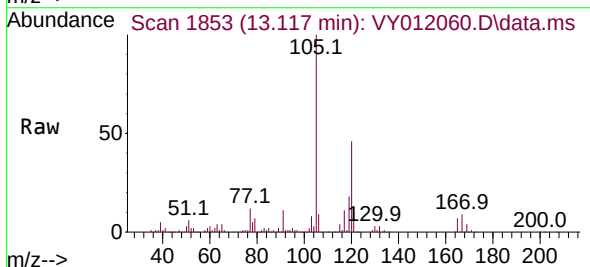
Acq: 03 Jan 2023 20:25

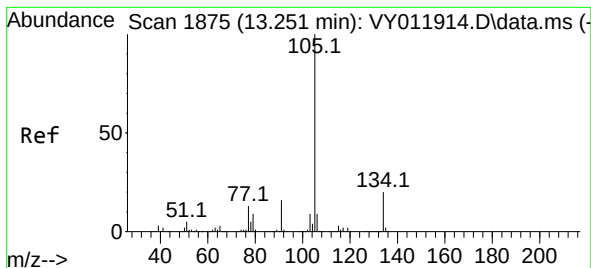
Tgt Ion:105 Resp: 419364

Ion Ratio Lower Upper

105 100

120 44.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 46.361 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

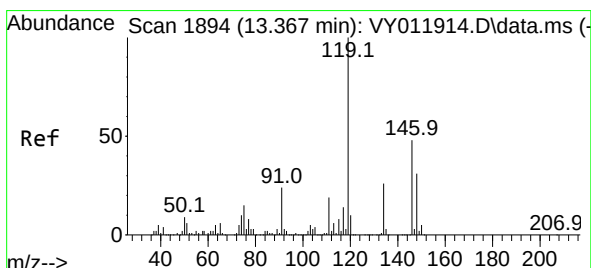
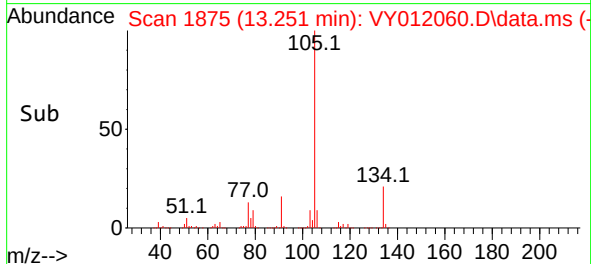
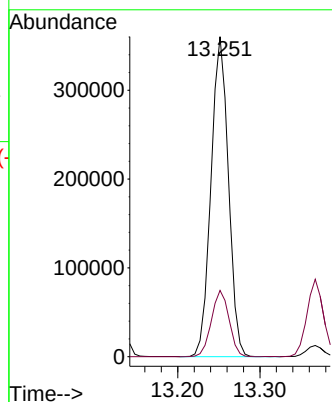
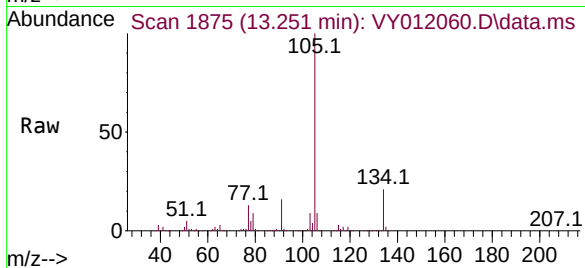
VSTDCCC050EC

Tgt Ion:105 Resp: 529851

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 47.791 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

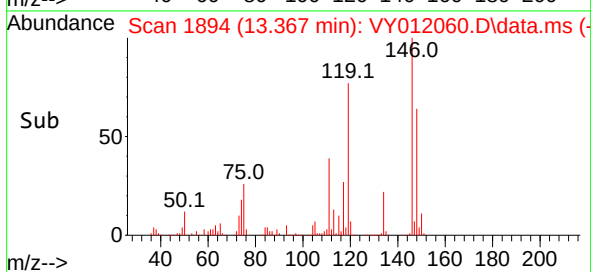
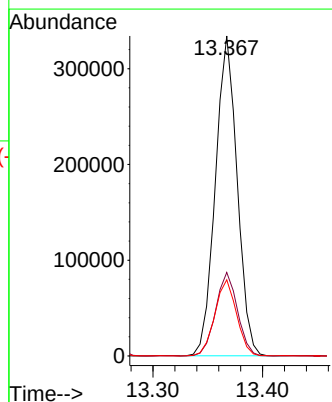
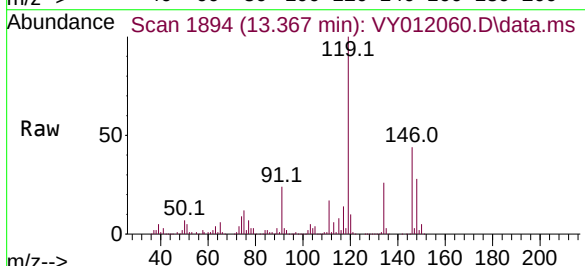
Tgt Ion:119 Resp: 460870

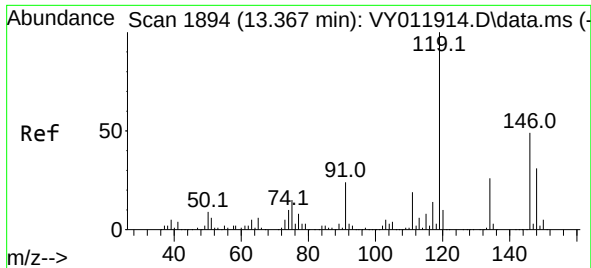
Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.8 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 47.299 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

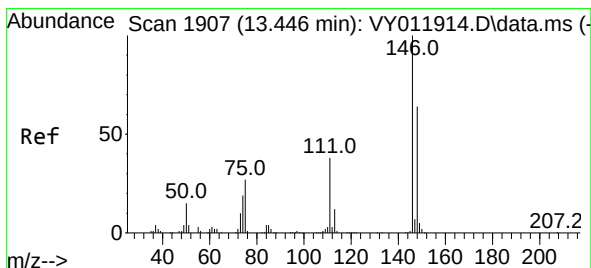
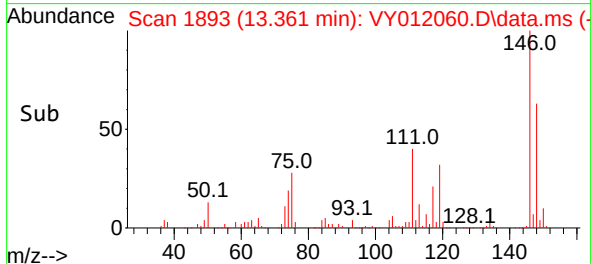
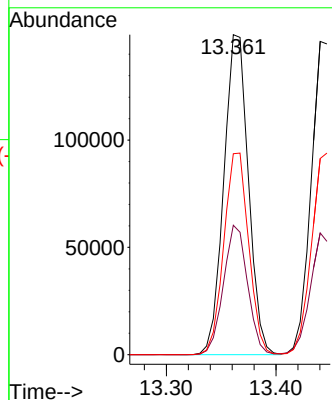
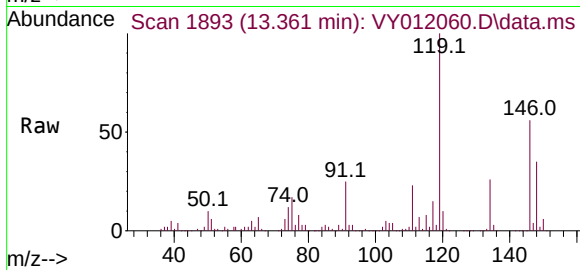
Tgt Ion:146 Resp: 232132

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

148 63.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 47.362 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

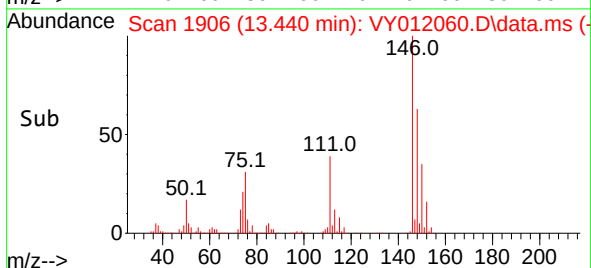
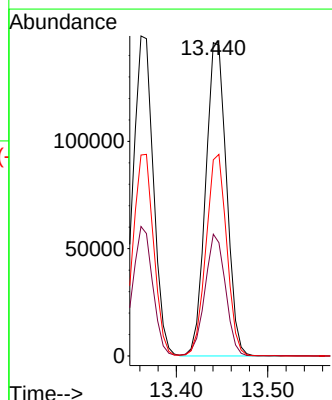
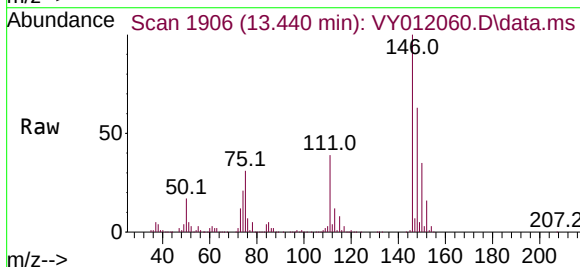
Tgt Ion:146 Resp: 231079

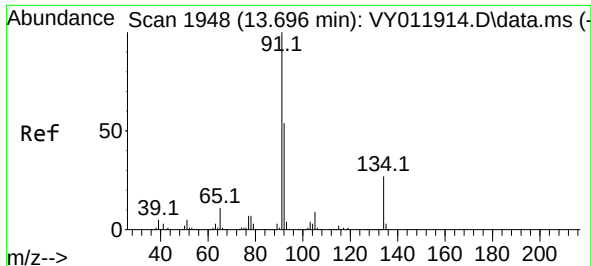
Ion Ratio Lower Upper

146 100

111 38.1 19.6 58.7

148 63.8 31.9 95.7

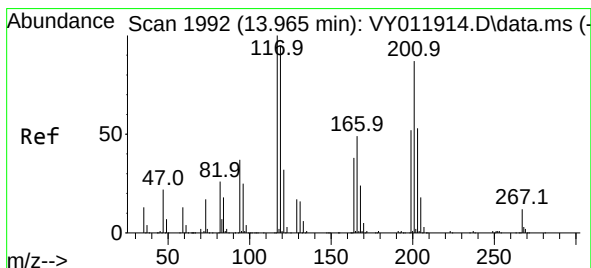
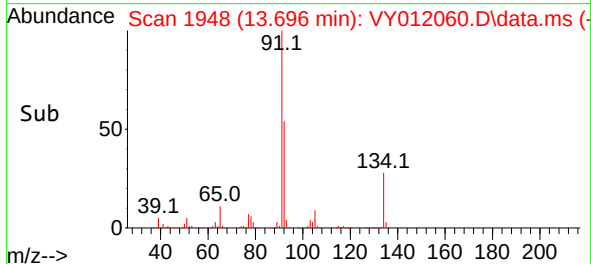
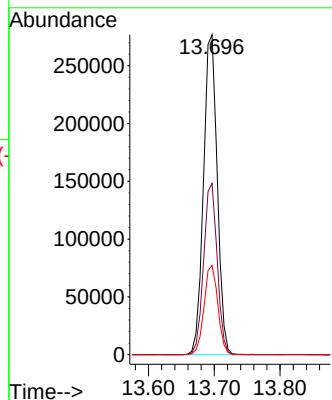
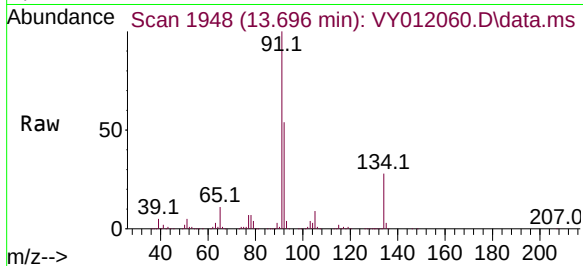




#89
n-Butylbenzene
Concen: 46.136 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

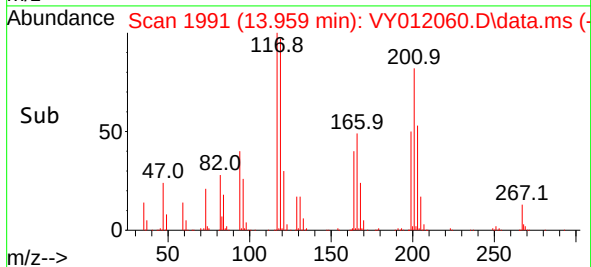
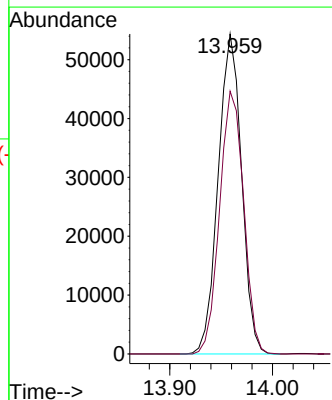
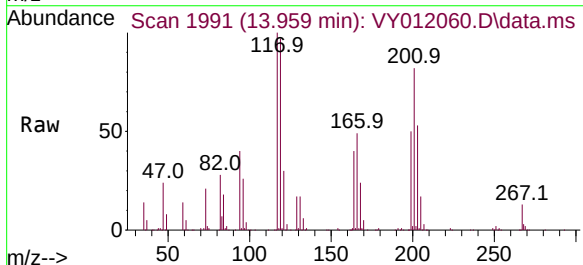
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

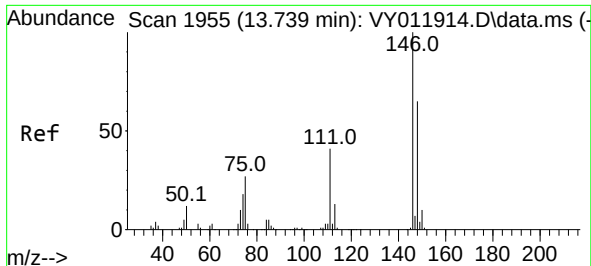
Tgt Ion: 91 Resp: 402768
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 28.0 13.3 39.8



#90
Hexachloroethane
Concen: 46.613 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 117 Resp: 85770
Ion Ratio Lower Upper
117 100
201 84.4 40.3 120.8

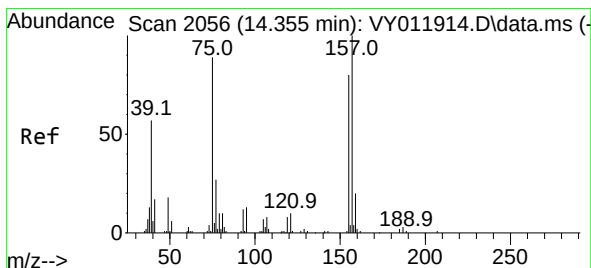
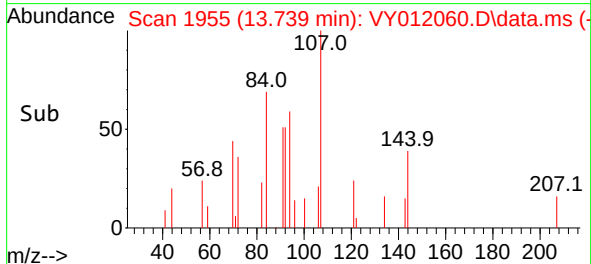
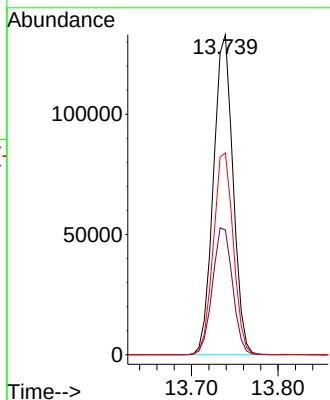
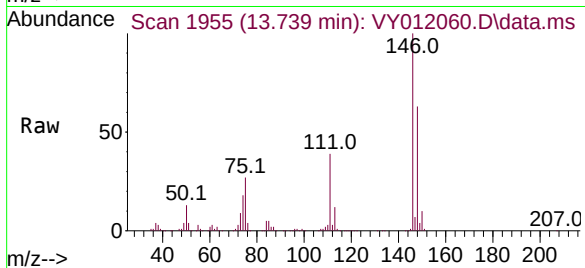




#91
1,2-Dichlorobenzene
Concen: 48.891 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

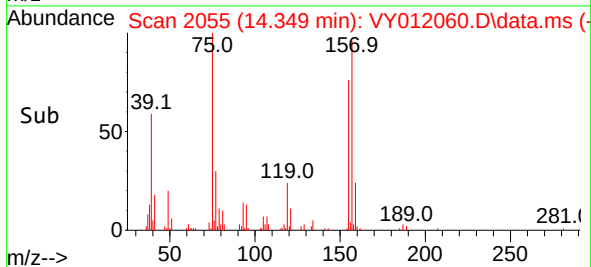
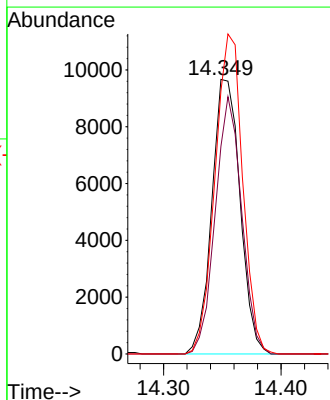
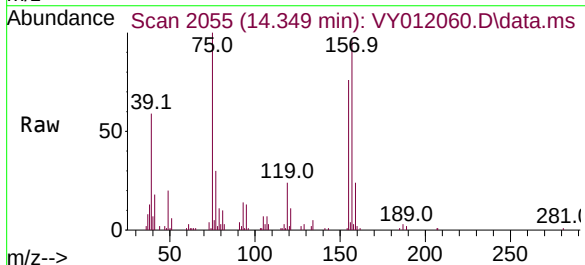
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

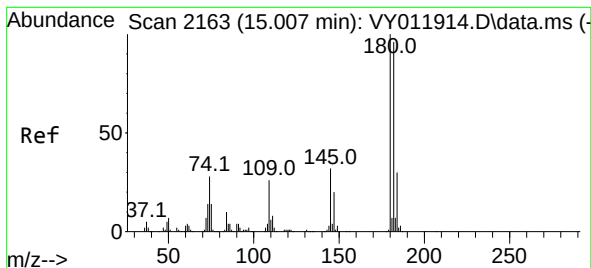
Tgt Ion:146 Resp: 209185
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.8
148 64.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.348 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion: 75 Resp: 16133
Ion Ratio Lower Upper
75 100
155 87.4 42.3 126.8
157 114.4 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 52.530 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

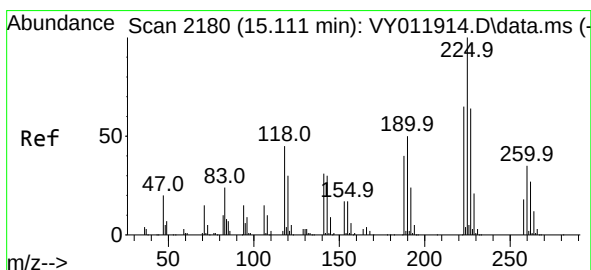
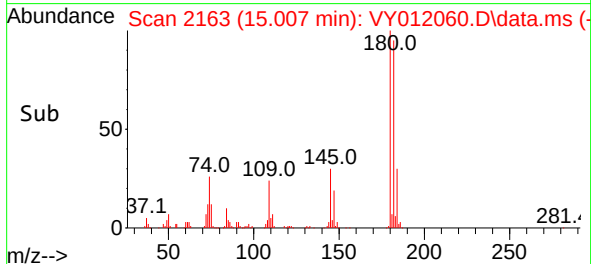
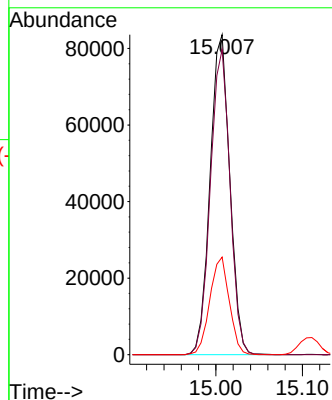
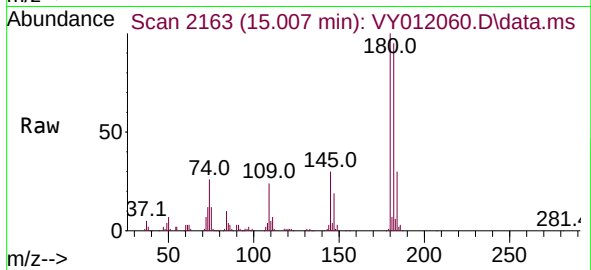
Tgt Ion:180 Resp: 132212

Ion Ratio Lower Upper

180 100

182 94.6 48.1 144.3

145 30.1 15.4 46.4



#94

Hexachlorobutadiene

Concen: 49.804 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012060.D

Acq: 03 Jan 2023 20:25

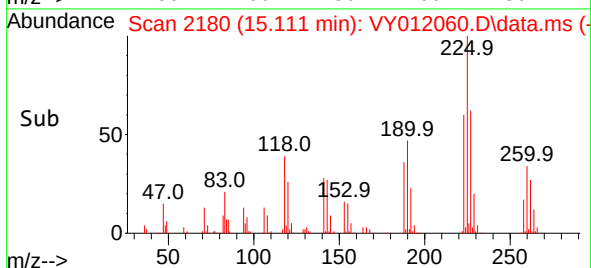
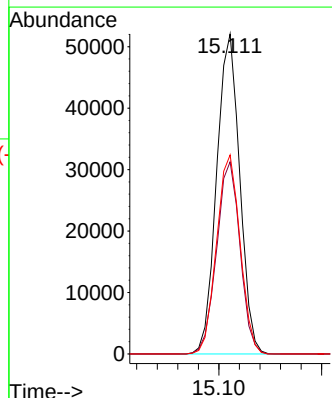
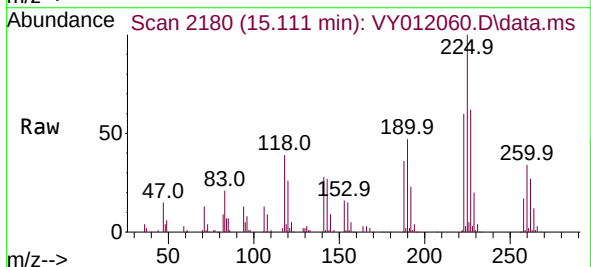
Tgt Ion:225 Resp: 80997

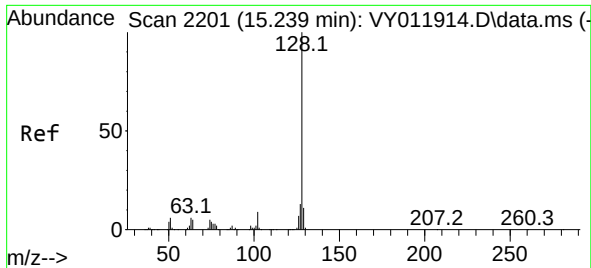
Ion Ratio Lower Upper

225 100

223 60.9 31.4 94.2

227 63.5 32.6 97.8

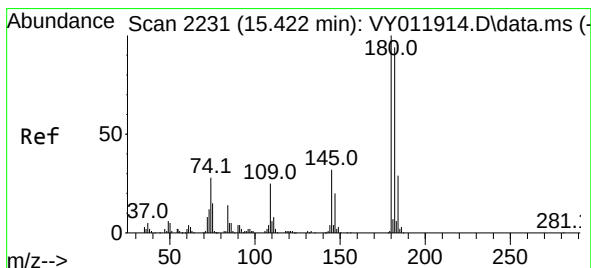
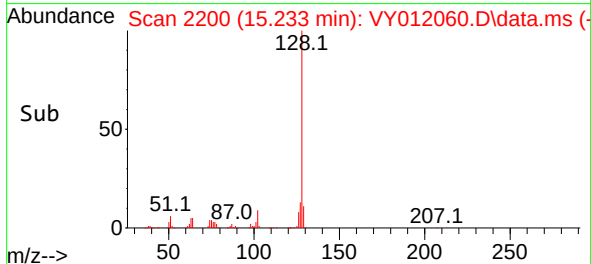
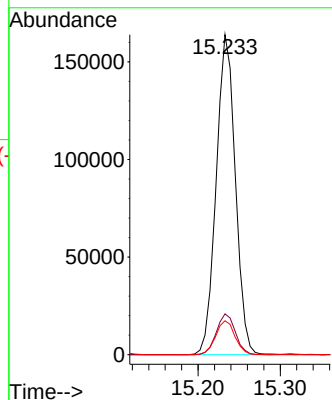
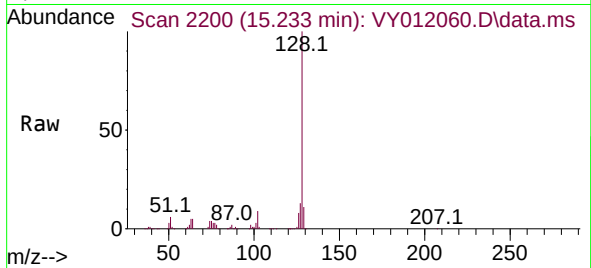




#95
Naphthalene
Concen: 50.709 ug/l
RT: 15.233 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 265682
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.893 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012060.D
Acq: 03 Jan 2023 20:25

Tgt Ion:180 Resp: 114682
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.7
145 32.1 16.1 48.2

