

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030223\
 Data File : VY012752.D
 Acq On : 02 Mar 2023 11:12
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 03 01:15:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	103967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	156955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75872	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55126	53.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.800%	
35) Dibromofluoromethane	7.715	113	52634	55.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.140%	
50) Toluene-d8	10.178	98	192641	55.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.260%	
62) 4-Bromofluorobenzene	12.483	95	66180	56.622	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	57509	56.120	ug/l	99
3) Chloromethane	2.119	50	72886	59.495	ug/l	99
4) Vinyl Chloride	2.253	62	64984	57.846	ug/l	100
5) Bromomethane	2.613	94	41882	61.356	ug/l	97
6) Chloroethane	2.771	64	36108	53.669	ug/l	98
7) Trichlorofluoromethane	3.119	101	105766	56.686	ug/l	99
8) Diethyl Ether	3.527	74	37418	57.227	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	65609	58.446	ug/l	99
10) Methyl Iodide	4.088	142	90737	62.036	ug/l	99
11) Tert butyl alcohol	4.966	59	36518	312.671	ug/l	99
12) 1,1-Dichloroethene	3.869	96	62785	58.643	ug/l	97
13) Acrolein	3.728	56	35585	196.764	ug/l	100
14) Allyl chloride	4.478	41	121444	61.408	ug/l	98
15) Acrylonitrile	5.161	53	104537	303.434	ug/l	99
16) Acetone	3.948	43	164965	407.151	ug/l	100
17) Carbon Disulfide	4.186	76	214958	58.986	ug/l	99
18) Methyl Acetate	4.472	43	71454	59.220	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	169332	61.233	ug/l	98
20) Methylene Chloride	4.710	84	71469	58.745	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	70131	60.278	ug/l	99
22) Diisopropyl ether	6.118	45	216342	60.229	ug/l	98
23) Vinyl Acetate	6.057	43	684434	306.665	ug/l	99
24) 1,1-Dichloroethane	6.014	63	121637	59.427	ug/l	99
25) 2-Butanone	6.984	43	178285	355.266	ug/l	98
26) 2,2-Dichloropropane	6.978	77	105352	57.952	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	75803	60.770	ug/l	98
28) Bromochloromethane	7.331	49	43396	58.016	ug/l	95
29) Tetrahydrofuran	7.343	42	92043	304.106	ug/l	98
30) Chloroform	7.502	83	118109	58.419	ug/l	99
31) Cyclohexane	7.782	56	115202	58.272	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	108004	59.072	ug/l	99
36) 1,1-Dichloropropene	7.917	75	97244	61.262	ug/l	99
37) Ethyl Acetate	7.075	43	58797	58.769	ug/l	98
38) Carbon Tetrachloride	7.898	117	100834	61.515	ug/l	99
39) Methylcyclohexane	9.185	83	118119	62.591	ug/l	99
40) Benzene	8.160	78	272900	60.778	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	27446	50.918	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	80510	59.639	ug/l	99
43) Isopropyl Acetate	8.270	43	107421	60.181	ug/l	99
44) Trichloroethene	8.941	130	71262	60.196	ug/l	100
45) 1,2-Dichloropropane	9.215	63	68818	60.645	ug/l	98
46) Dibromomethane	9.307	93	38944	60.240	ug/l	99
47) Bromodichloromethane	9.496	83	91187	59.855	ug/l	98
48) Methyl methacrylate	9.294	41	51183	62.231	ug/l	100
49) 1,4-Dioxane	9.300	88	10105	1209.105	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	300179	310.028	ug/l	100
52) Toluene	10.245	92	168217	62.120	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	96896	60.637	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	111023	61.383	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	52453	58.260	ug/l	97
56) Ethyl methacrylate	10.508	69	74847	62.347	ug/l	100
57) 1,3-Dichloropropane	10.788	76	92331	60.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	176181	279.561	ug/l	100
59) 2-Hexanone	10.831	43	242501	344.612	ug/l	100
60) Dibromochloromethane	10.983	129	64013	58.409	ug/l	99
61) 1,2-Dibromoethane	11.093	107	50974	58.775	ug/l	99
64) Tetrachloroethene	10.721	164	60812	59.369	ug/l	97
65) Chlorobenzene	11.520	112	173788	58.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	64045	58.618	ug/l	99
67) Ethyl Benzene	11.593	91	318490	61.351	ug/l	98
68) m/p-Xylenes	11.702	106	244286	122.322	ug/l	99
69) o-Xylene	12.032	106	113543	60.919	ug/l	99
70) Styrene	12.044	104	193107	62.085	ug/l	99
71) Bromoform	12.208	173	42036	59.008	ug/l #	97
73) Isopropylbenzene	12.330	105	303983	56.533	ug/l	100
74) N-amyl acetate	12.148	43	94184	55.670	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.586	83	64893	53.687	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	85202	94.038	ug/l #	100
77) Bromobenzene	12.611	156	71533	54.761	ug/l	98
78) n-propylbenzene	12.672	91	377067	56.878	ug/l	99
79) 2-Chlorotoluene	12.757	91	205917	55.887	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	252161	56.825	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	23616	54.008	ug/l	98
82) 4-Chlorotoluene	12.855	91	213464	55.968	ug/l	99
83) tert-Butylbenzene	13.080	119	223639	58.390	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	245701	56.623	ug/l	100
85) sec-Butylbenzene	13.257	105	331710	56.769	ug/l	100
86) p-Isopropyltoluene	13.373	119	271868	56.930	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	138740	55.069	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	138428	53.836	ug/l	99
89) n-Butylbenzene	13.702	91	261558	57.213	ug/l	99
90) Hexachloroethane	13.964	117	53179	53.466	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	125098	54.930	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10513	53.817	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	78614	56.064	ug/l	98
94) Hexachlorobutadiene	15.116	225	46164	53.977	ug/l	99
95) Naphthalene	15.238	128	161121	57.340	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	68964	55.300	ug/l	99

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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

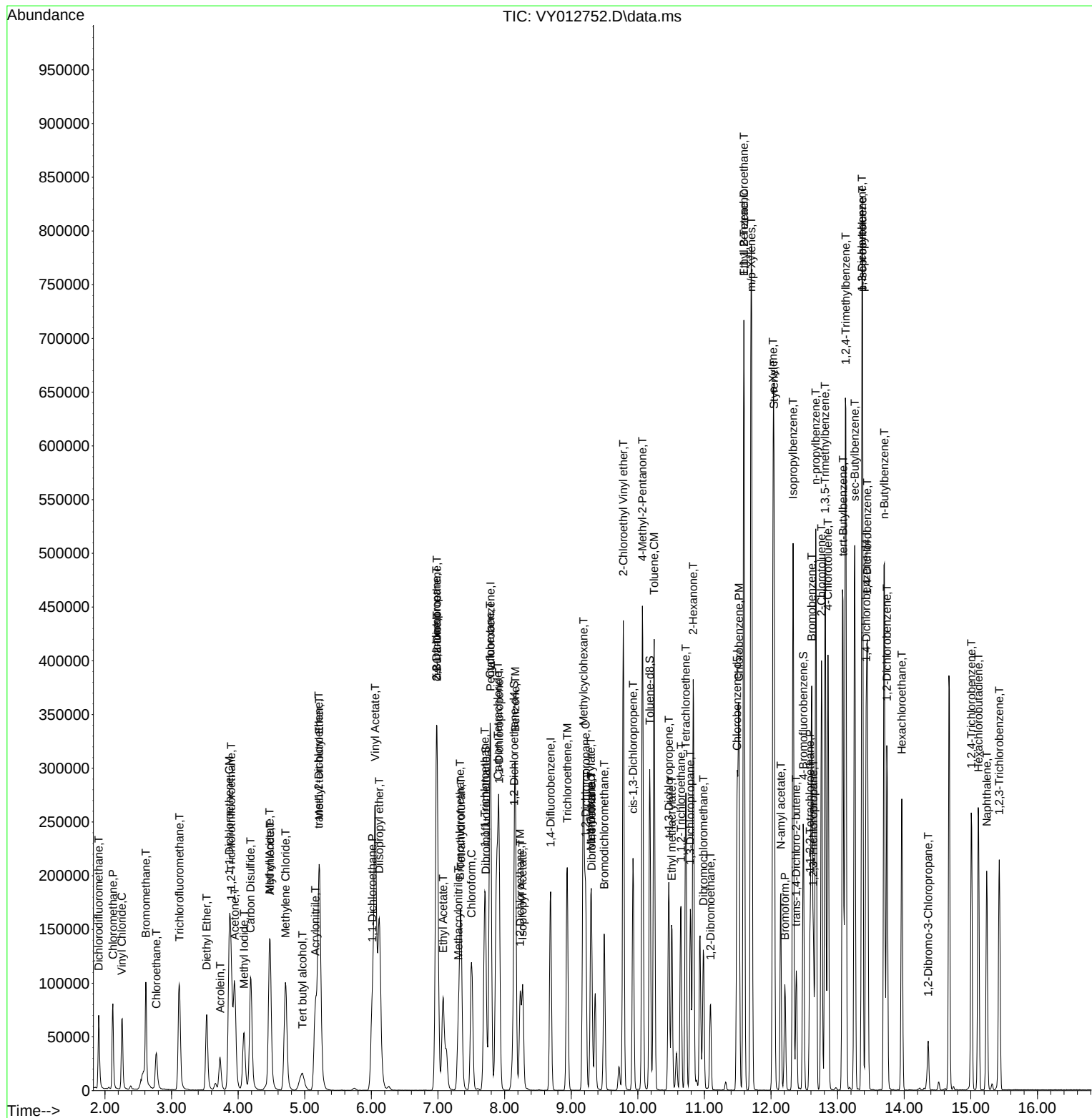
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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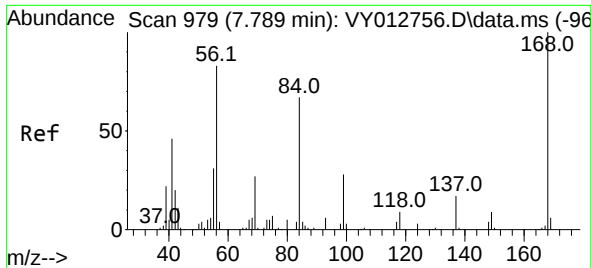
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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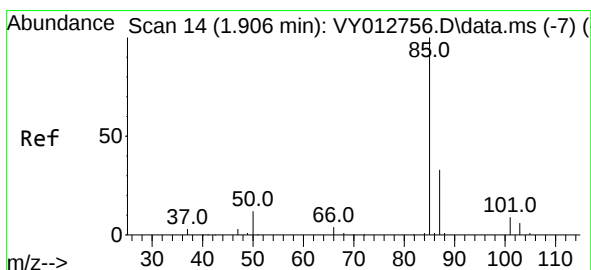
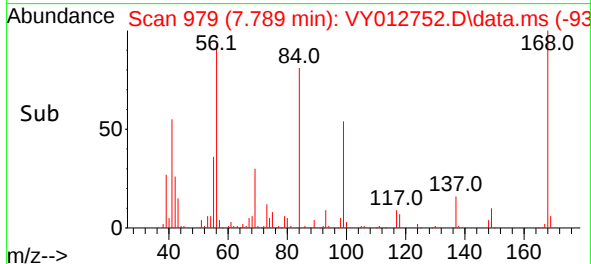
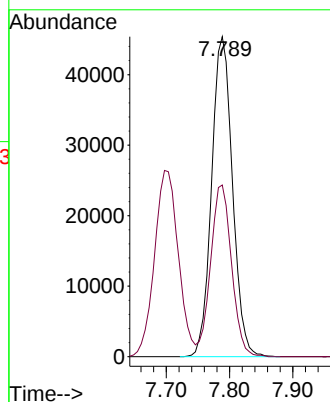
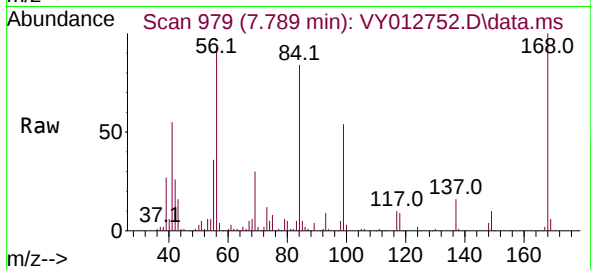




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012752.D
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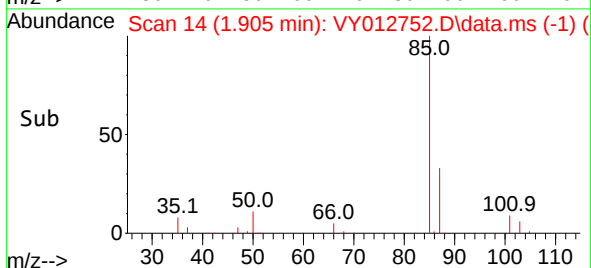
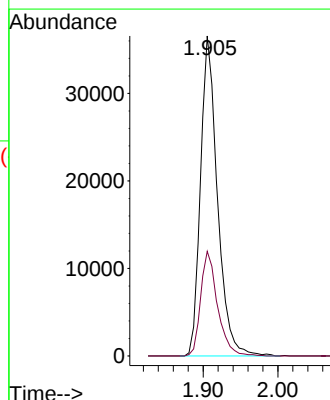
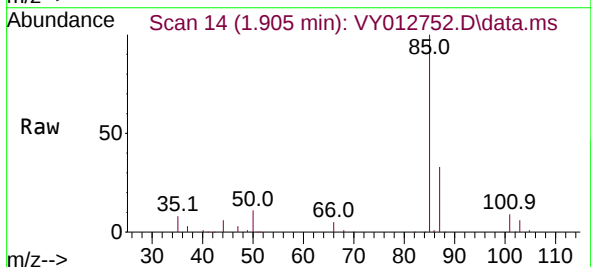
Instrument :
MSVOA_Y
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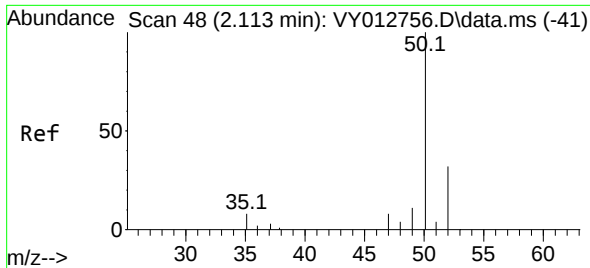
Tgt Ion:168 Resp: 103967
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 56.120 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 85 Resp: 57509
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0

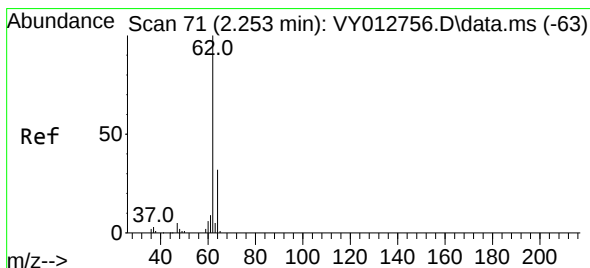
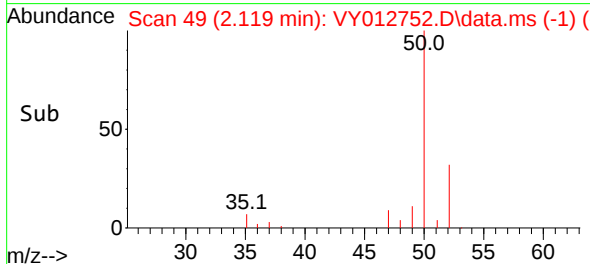
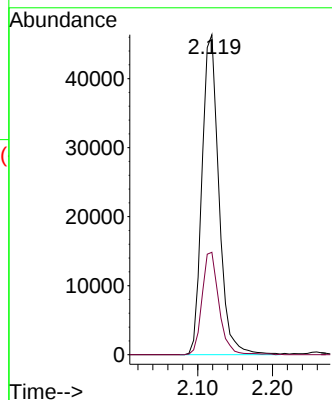
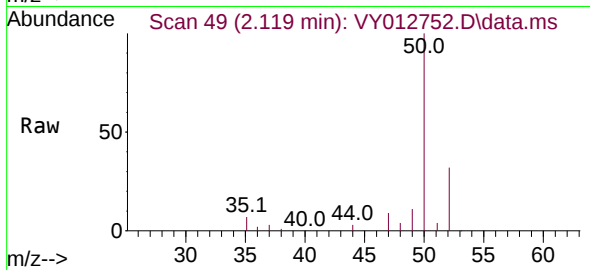




#3
Chloromethane
Concen: 59.495 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

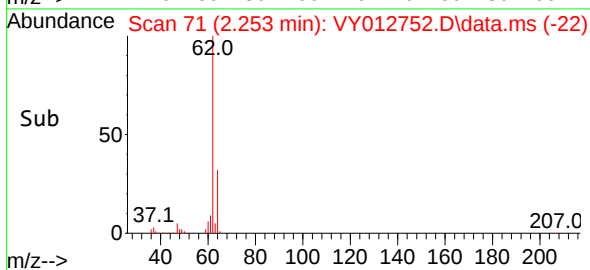
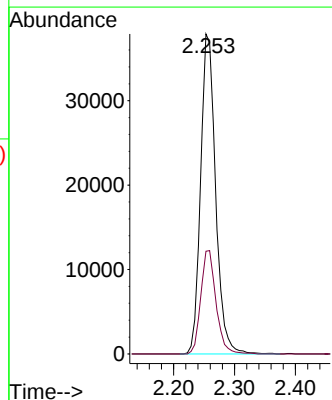
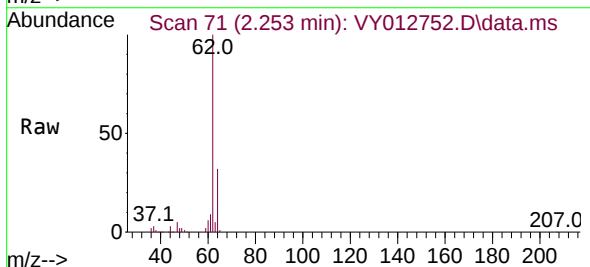
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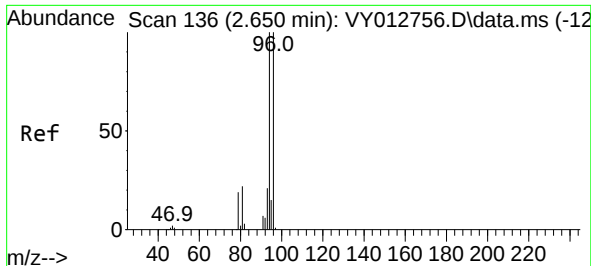
Tgt Ion: 50 Resp: 72886
Ion Ratio Lower Upper
50 100
52 32.0 26.0 39.0



#4
Vinyl Chloride
Concen: 57.846 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 62 Resp: 64984
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4

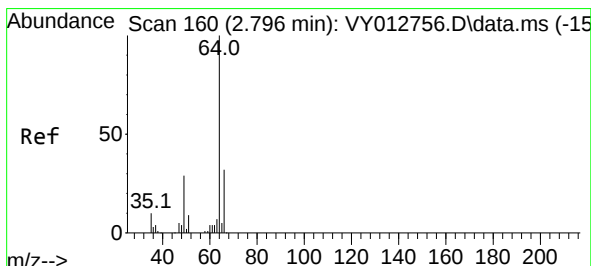
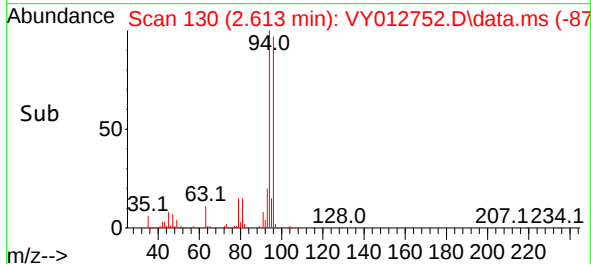
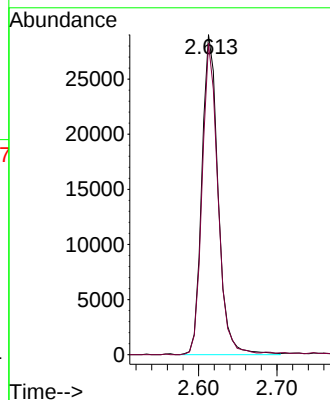
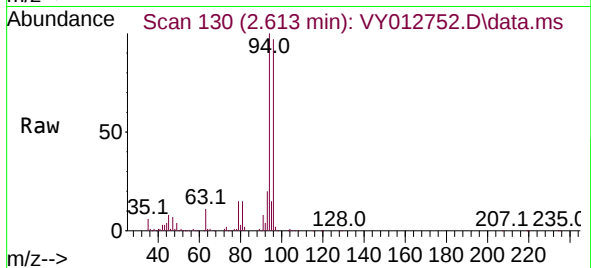




#5
Bromomethane
Concen: 61.356 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY012752.D
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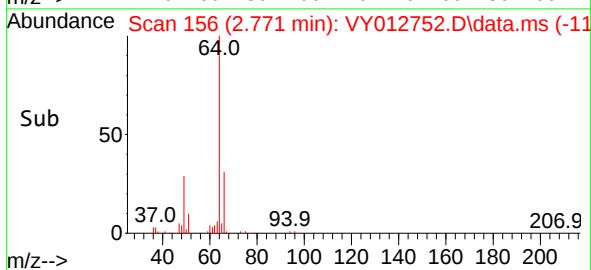
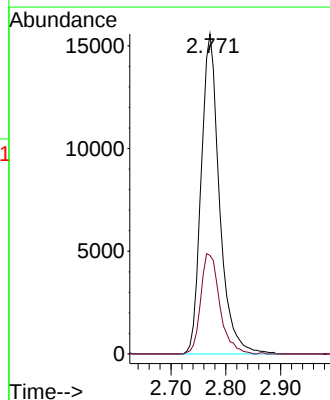
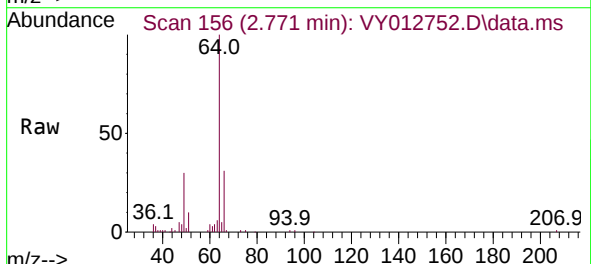
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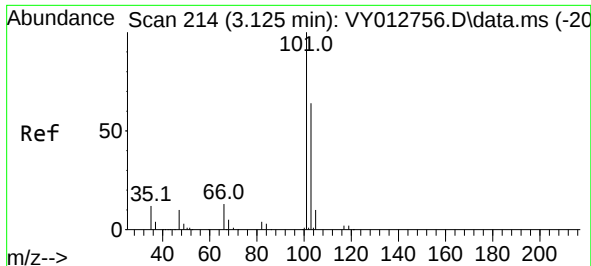
Tgt Ion: 94 Resp: 41882
Ion Ratio Lower Upper
94 100
96 97.2 80.3 120.5



#6
Chloroethane
Concen: 53.669 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.025 min
Lab File: VY012752.D
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Tgt Ion: 64 Resp: 36108
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5

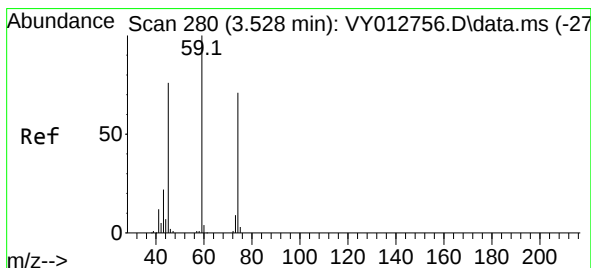
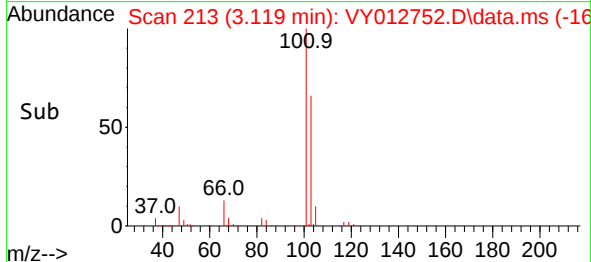
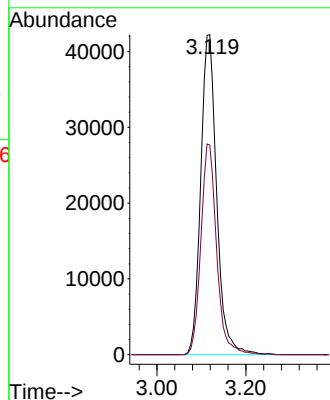
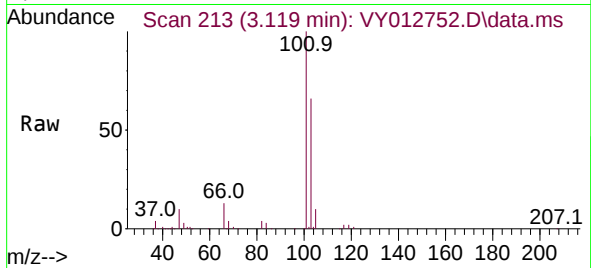




#7
 Trichlorofluoromethane
 Concen: 56.686 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.007 min
 Lab File: VY012752.D
 Acq: 02 Mar 2023 11:12

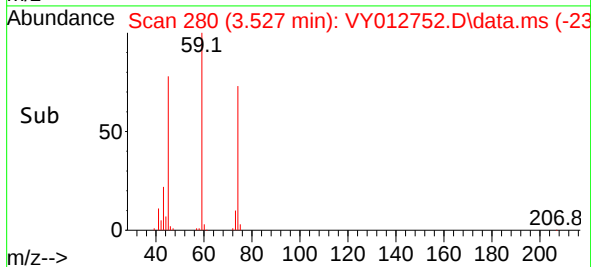
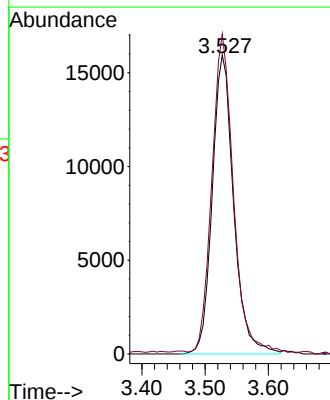
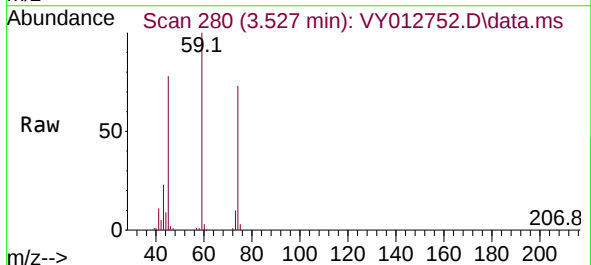
Instrument :
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Tgt Ion:101 Resp: 105766
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 57.227 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY012752.D
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Tgt Ion: 74 Resp: 37418
 Ion Ratio Lower Upper
 74 100
 45 106.4 52.1 156.4

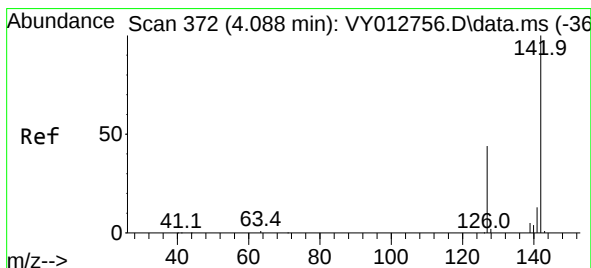
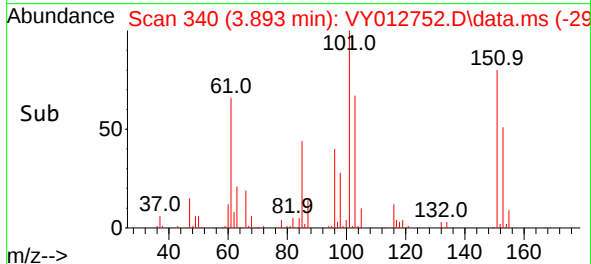
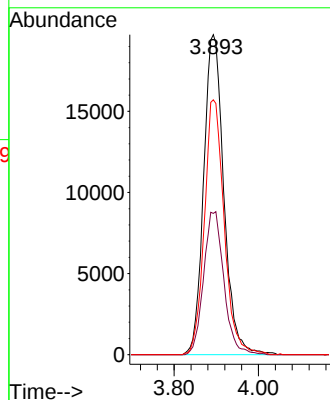
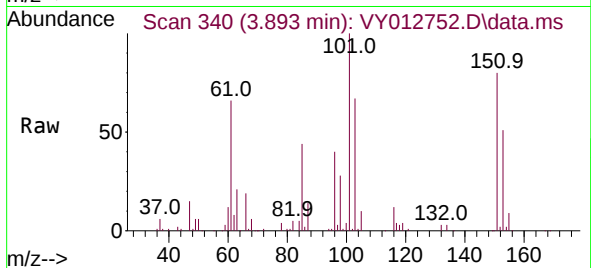




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.446 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.007 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

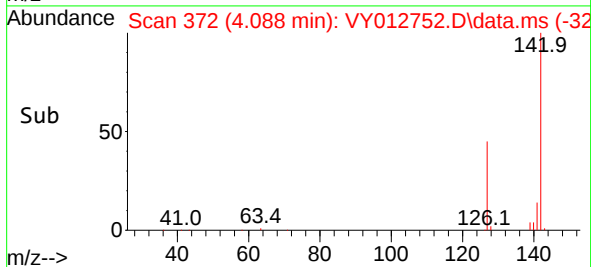
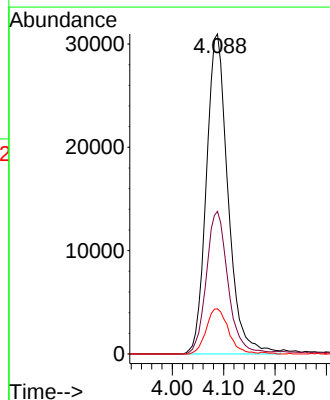
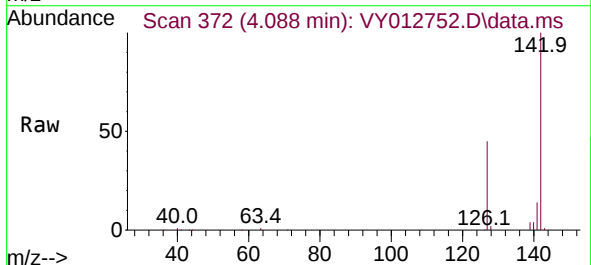
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

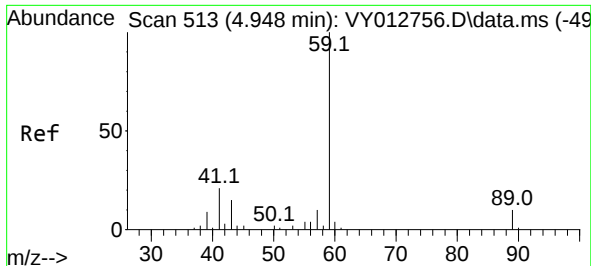
Tgt Ion:101 Resp: 65609
Ion Ratio Lower Upper
101 100
85 45.0 35.3 52.9
151 78.4 63.1 94.7



#10
Methyl Iodide
Concen: 62.036 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion:142 Resp: 90737
Ion Ratio Lower Upper
142 100
127 44.8 35.4 53.2
141 14.5 11.3 16.9

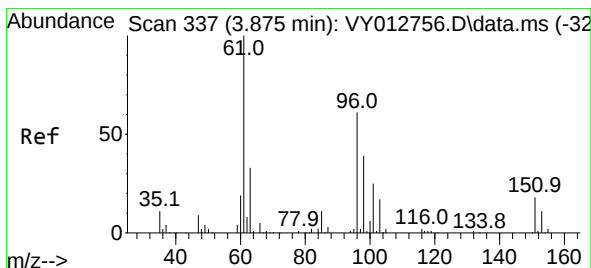
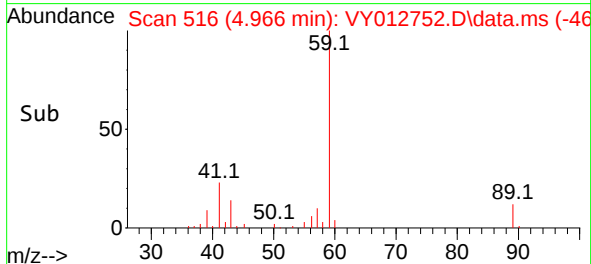
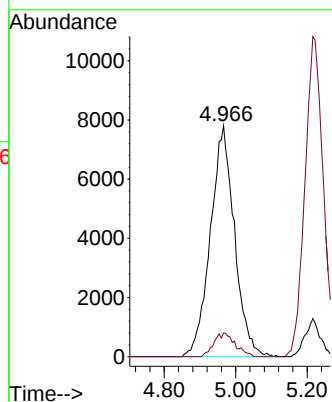
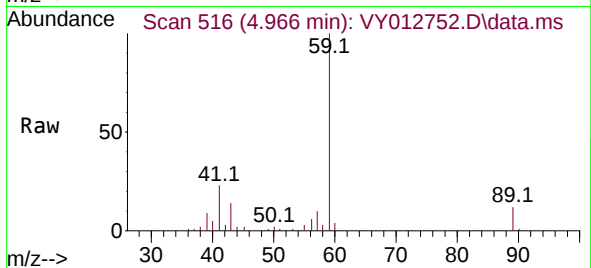




#11
Tert butyl alcohol
Concen: 312.671 ug/l
RT: 4.966 min Scan# 513
Delta R.T. 0.018 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

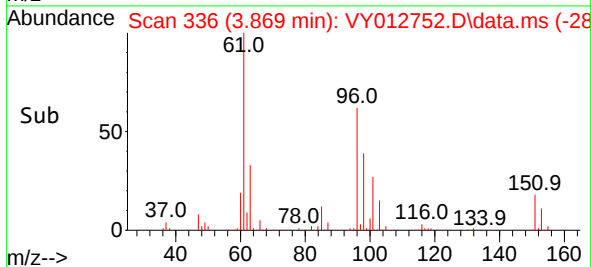
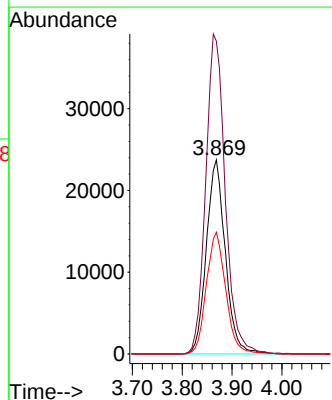
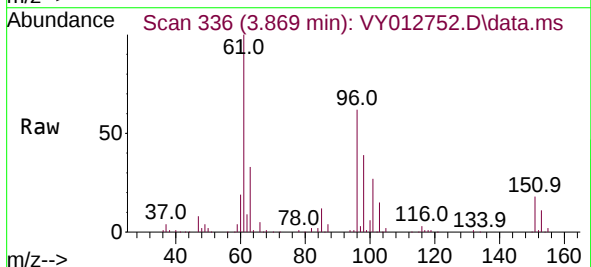
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

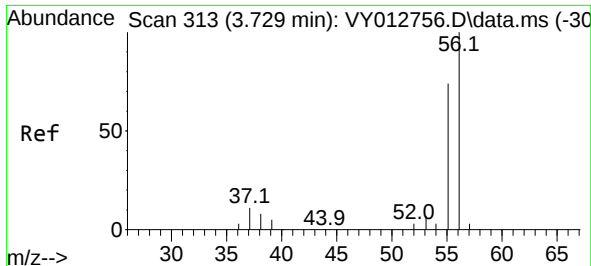
Tgt Ion: 59 Resp: 36518
Ion Ratio Lower Upper
59 100
57 9.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 58.643 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.007 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 96 Resp: 62785
Ion Ratio Lower Upper
96 100
61 161.2 131.7 197.5
98 62.8 52.0 78.0

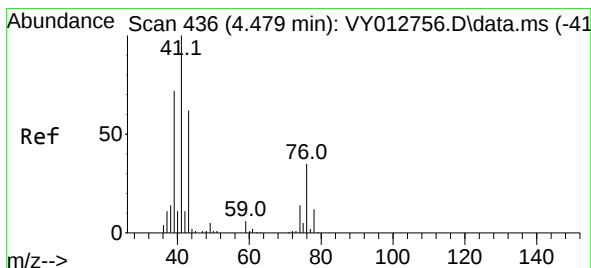
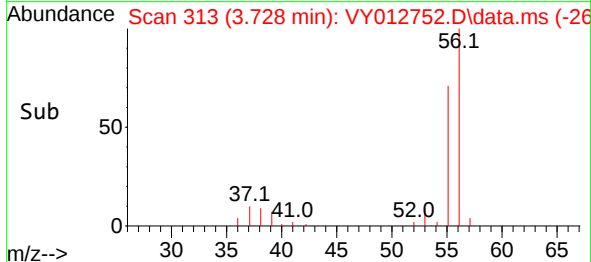
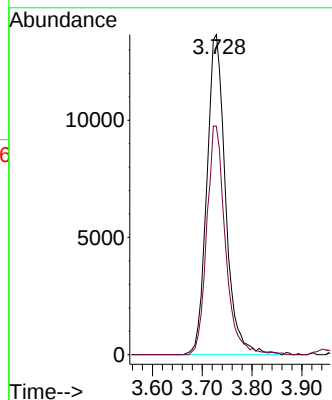
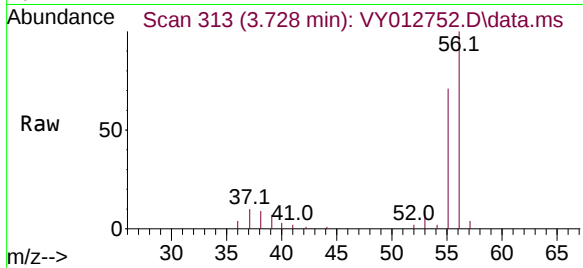




#13
Acrolein
Concen: 196.764 ug/l
RT: 3.728 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

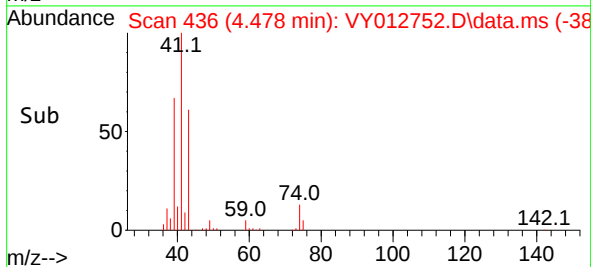
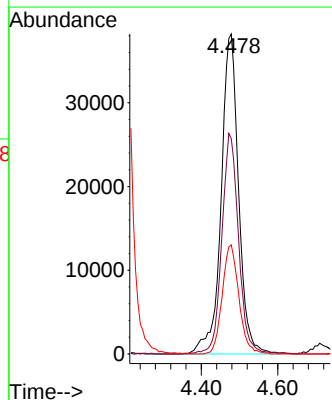
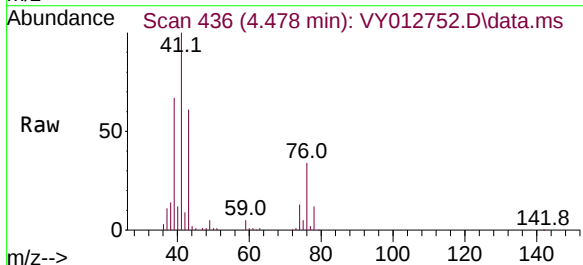
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

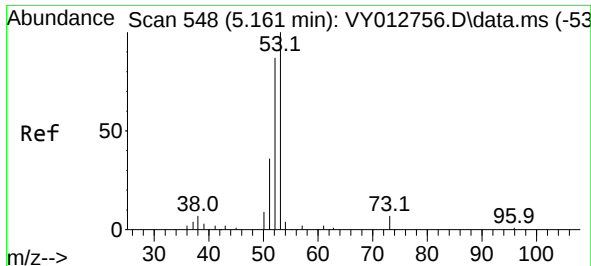
Tgt Ion: 56 Resp: 35585
Ion Ratio Lower Upper
56 100
55 71.2 56.8 85.2



#14
Allyl chloride
Concen: 61.408 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 41 Resp: 121444
Ion Ratio Lower Upper
41 100
39 65.9 53.6 80.4
76 32.5 27.2 40.8

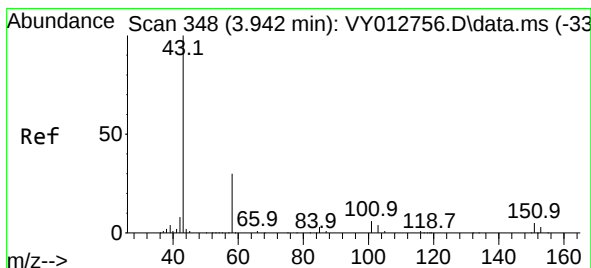
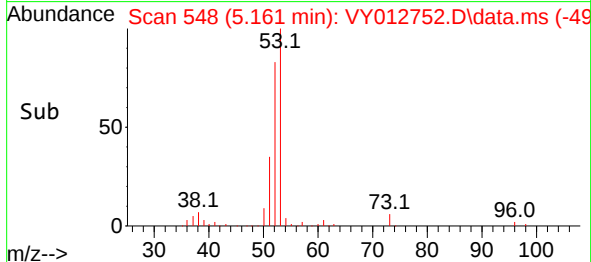
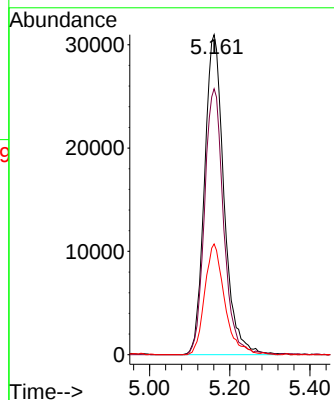
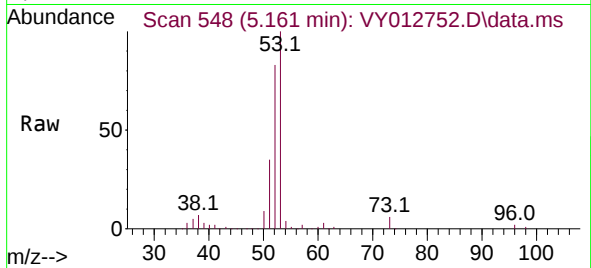




#15
Acrylonitrile
Concen: 303.434 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

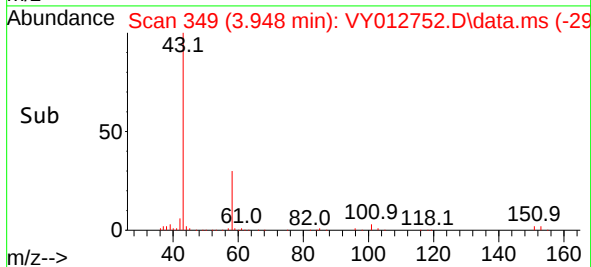
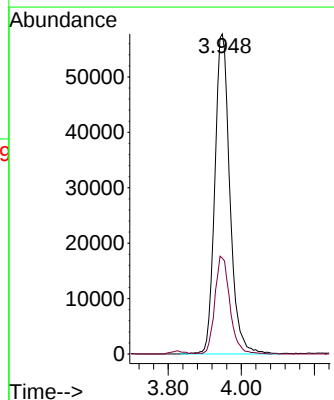
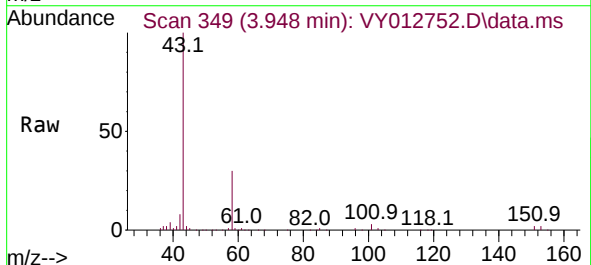
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

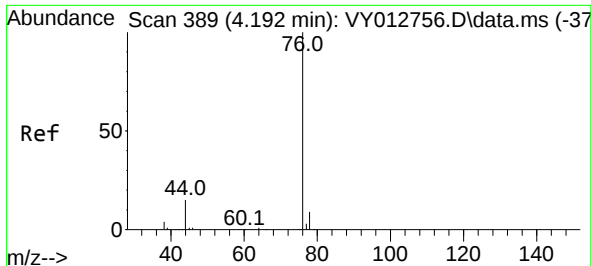
Tgt Ion: 53 Resp: 104537
Ion Ratio Lower Upper
53 100
52 81.5 66.3 99.5
51 35.5 28.8 43.2



#16
Acetone
Concen: 407.151 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 43 Resp: 164965
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.2

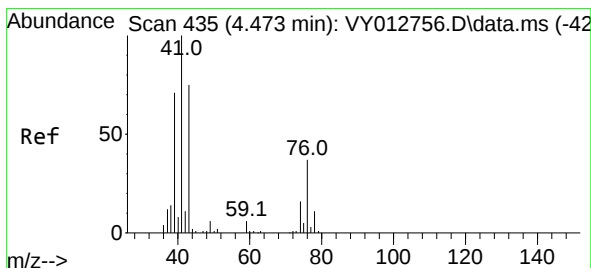
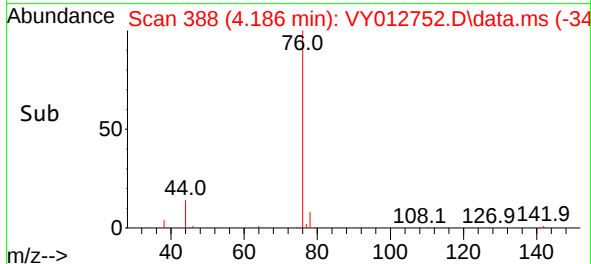
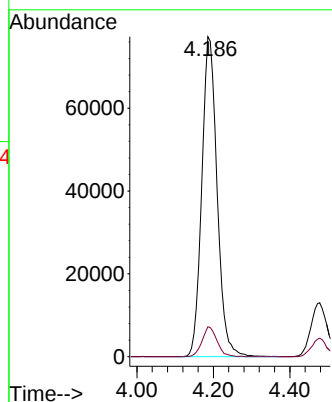
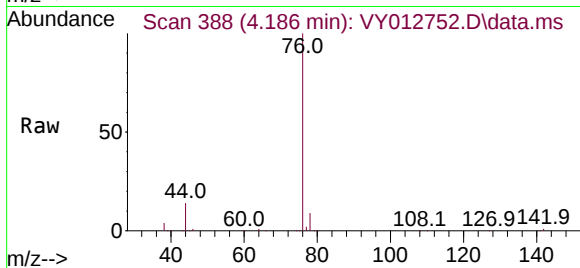




#17
Carbon Disulfide
Concen: 58.986 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.007 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

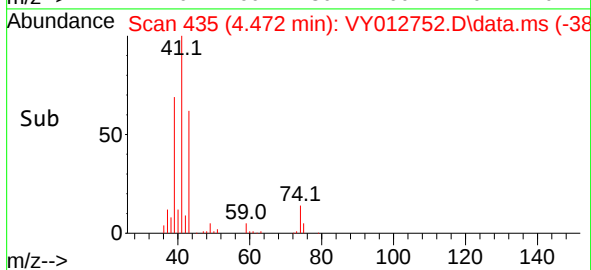
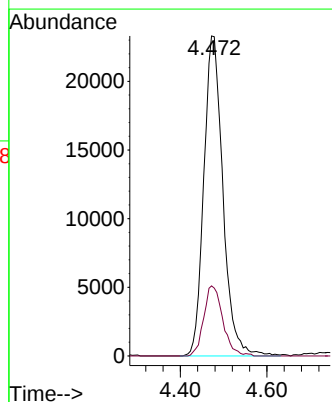
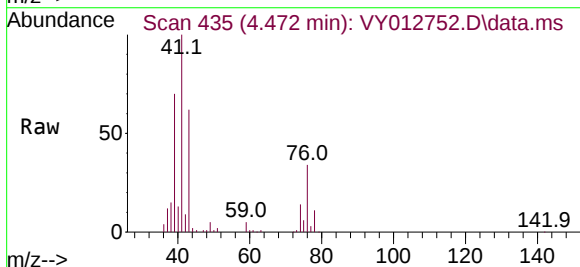
Instrument :
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ClientSampleId :
VSTDCCC050

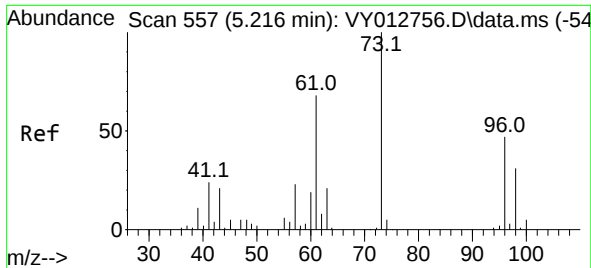
Tgt Ion: 76 Resp: 214958
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 59.220 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 43 Resp: 71454
Ion Ratio Lower Upper
43 100
74 21.6 17.4 26.0

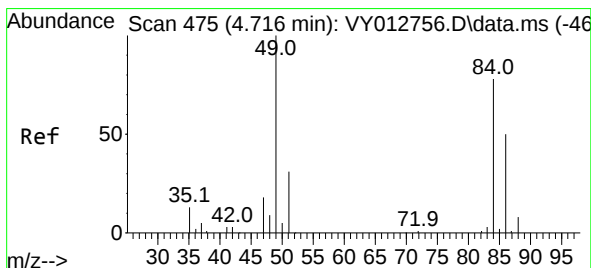
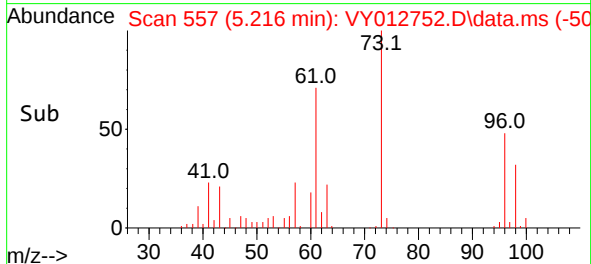
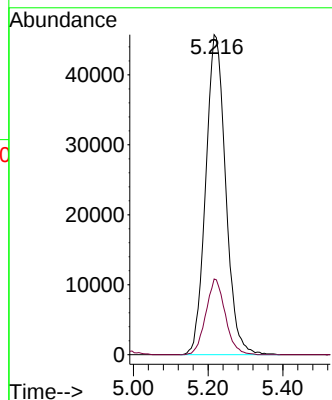
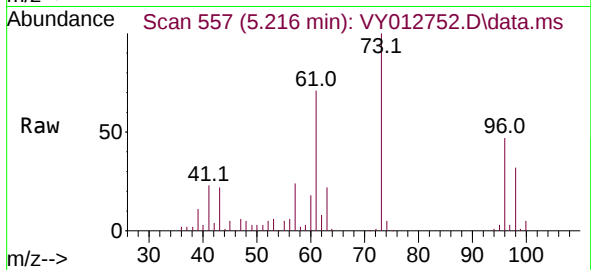




#19
Methyl tert-butyl Ether
Concen: 61.233 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

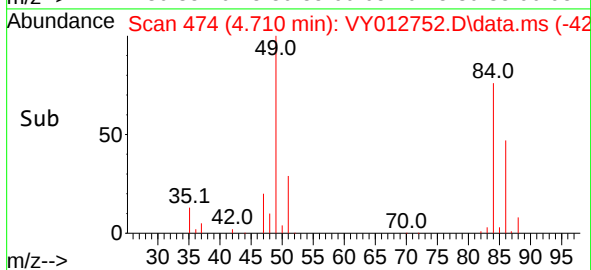
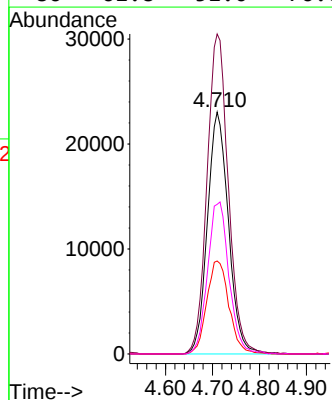
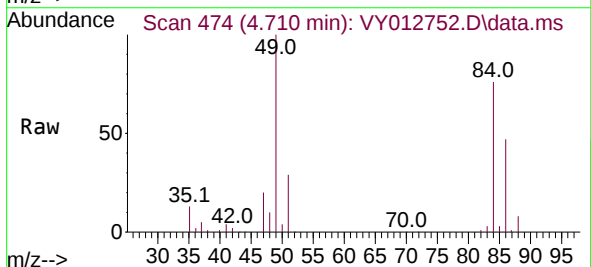
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

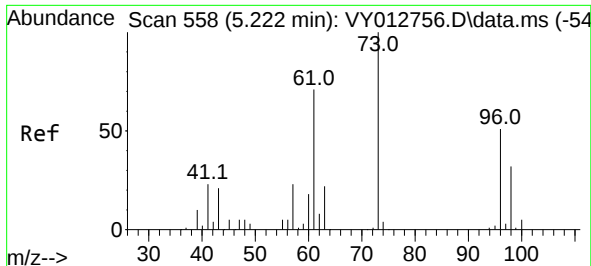
Tgt Ion: 73 Resp: 169332
Ion Ratio Lower Upper
73 100
57 23.6 18.3 27.5



#20
Methylene Chloride
Concen: 58.745 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 84 Resp: 71469
Ion Ratio Lower Upper
84 100
49 132.3 102.6 154.0
51 38.5 31.9 47.9
86 61.8 51.0 76.6

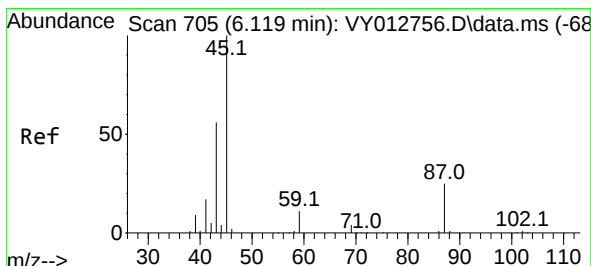
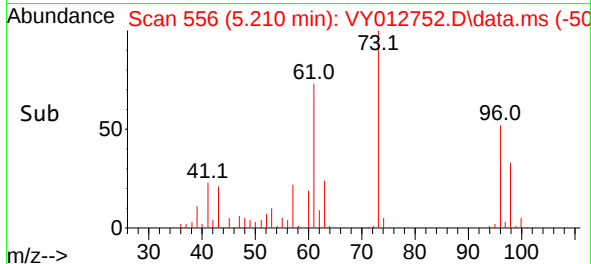
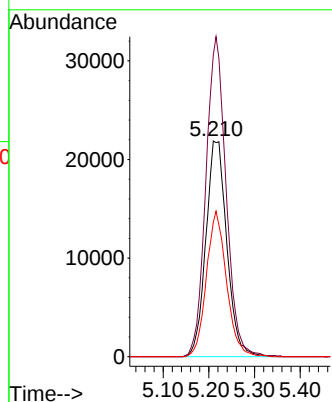
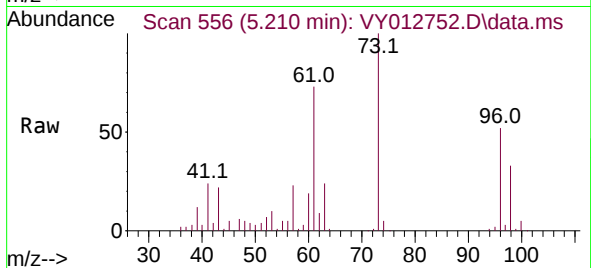




#21
trans-1,2-Dichloroethene
Concen: 60.278 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

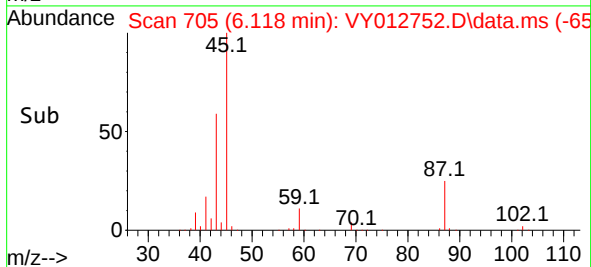
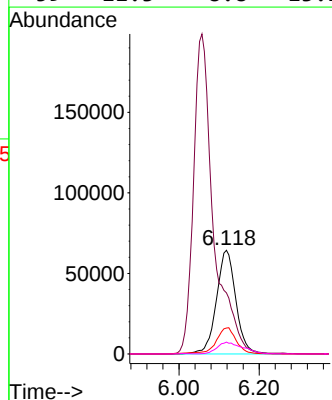
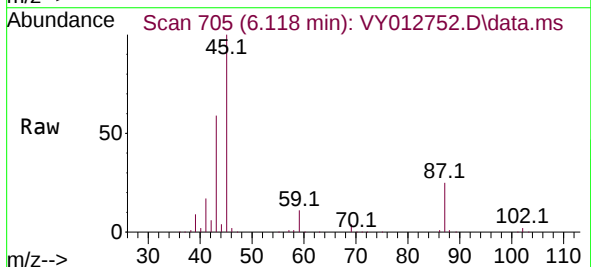
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

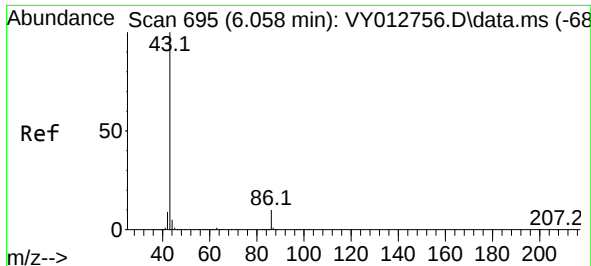
Tgt Ion: 96 Resp: 70131
Ion Ratio Lower Upper
96 100
61 139.9 111.4 167.0
98 62.3 50.8 76.2



#22
Diisopropyl ether
Concen: 60.229 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 45 Resp: 216342
Ion Ratio Lower Upper
45 100
43 58.2 45.0 67.6
87 24.9 20.3 30.5
59 11.3 8.8 13.2

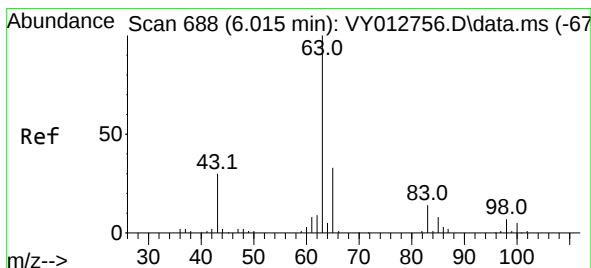
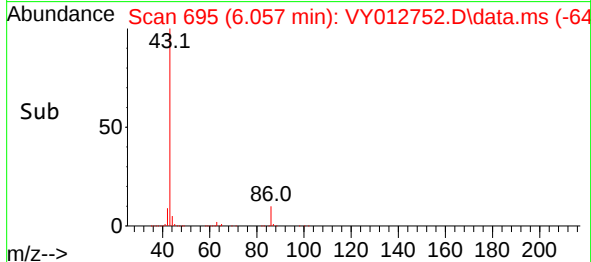
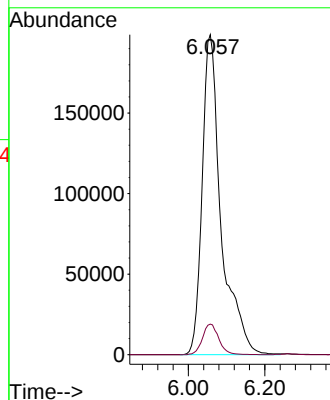
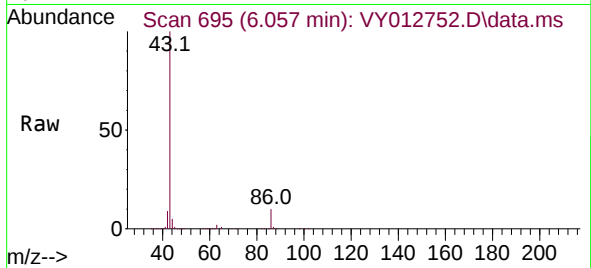




#23
 Vinyl Acetate
 Concen: 306.665 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012752.D
 Acq: 02 Mar 2023 11:12

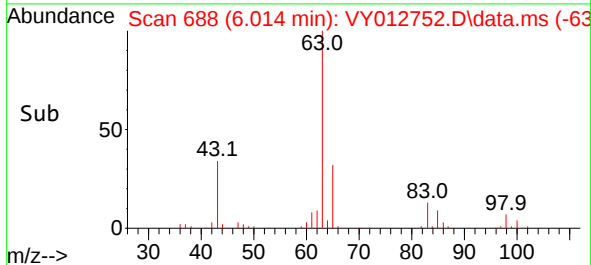
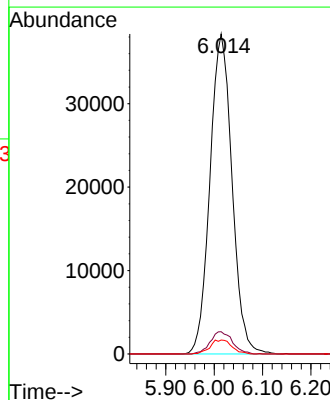
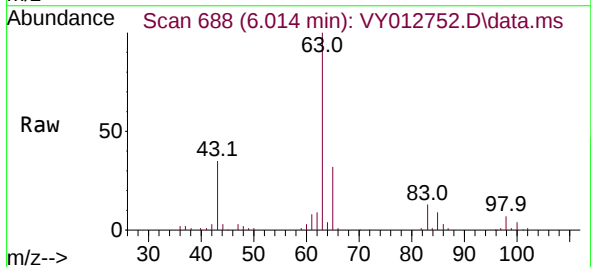
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

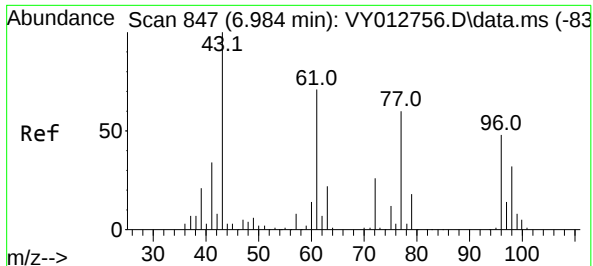
Tgt Ion: 43 Resp: 684434
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 59.427 ug/l
 RT: 6.014 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012752.D
 Acq: 02 Mar 2023 11:12

Tgt Ion: 63 Resp: 121637
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 355.266 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

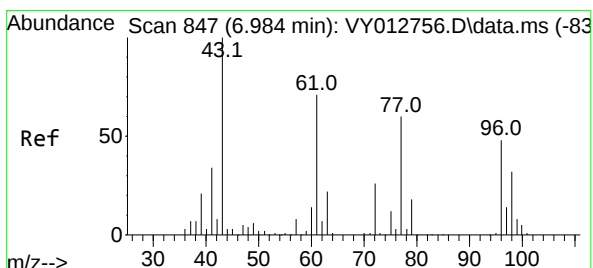
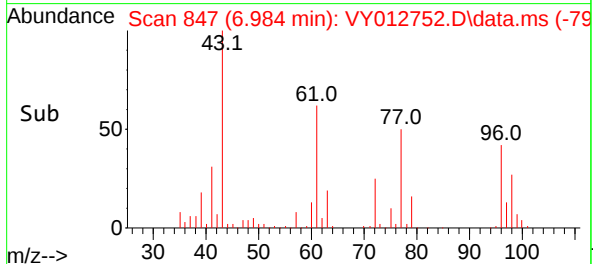
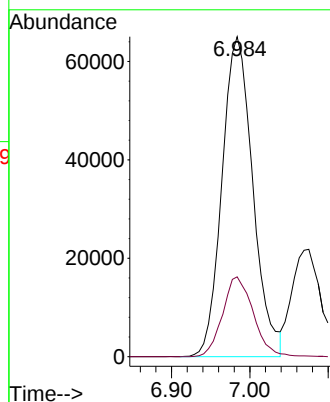
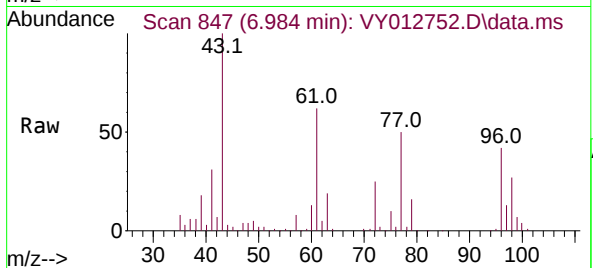
VSTDCCC050

Tgt Ion: 43 Resp: 178285

Ion Ratio Lower Upper

43 100

72 24.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 57.952 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.007 min

Lab File: VY012752.D

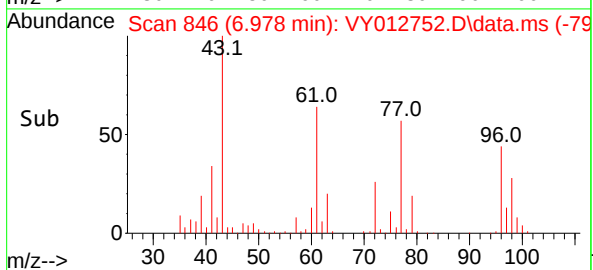
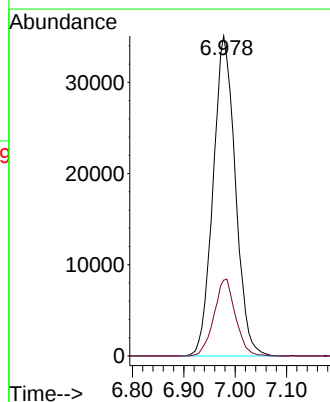
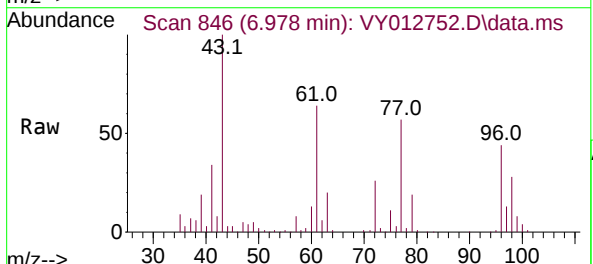
Acq: 02 Mar 2023 11:12

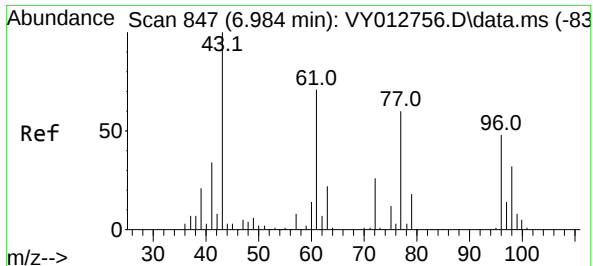
Tgt Ion: 77 Resp: 105352

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 60.770 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

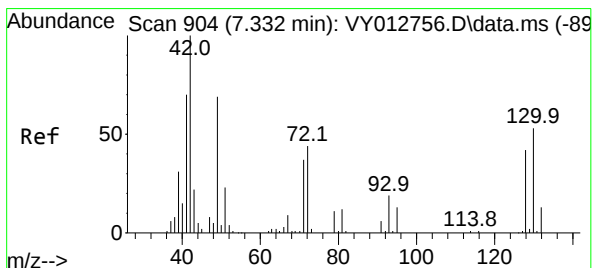
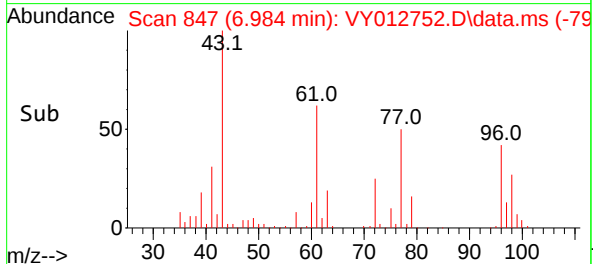
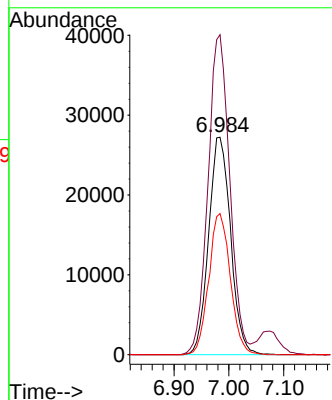
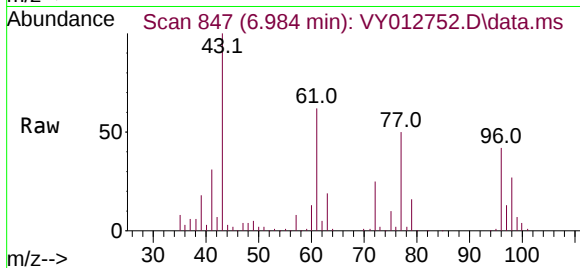
Tgt Ion: 96 Resp: 75803

Ion Ratio Lower Upper

96 100

61 146.0 0.0 295.8

98 63.7 0.0 130.2



#28

Bromochloromethane

Concen: 58.016 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

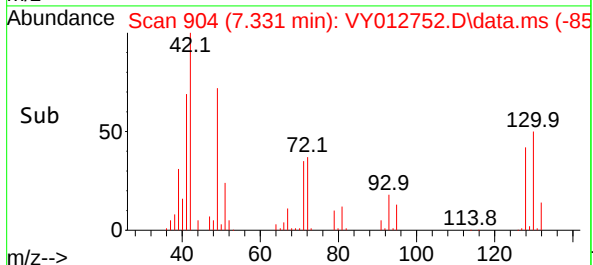
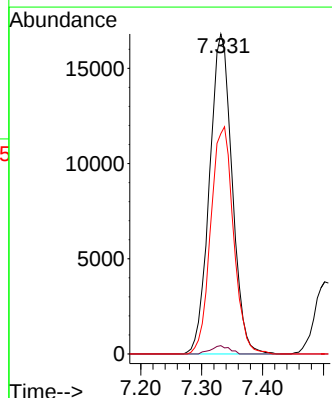
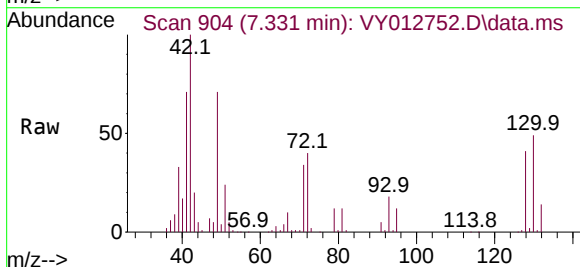
Tgt Ion: 49 Resp: 43396

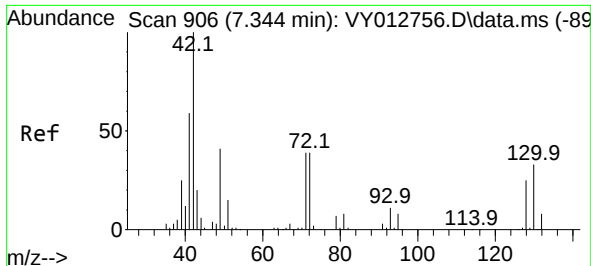
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 71.5 60.5 90.7





#29

Tetrahydrofuran

Concen: 304.106 ug/l

RT: 7.343 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

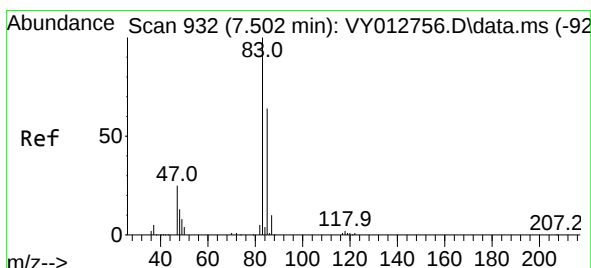
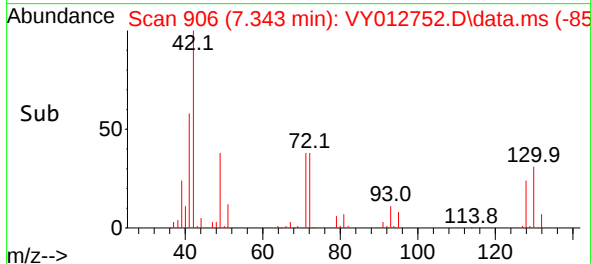
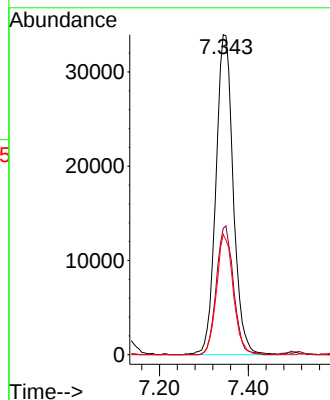
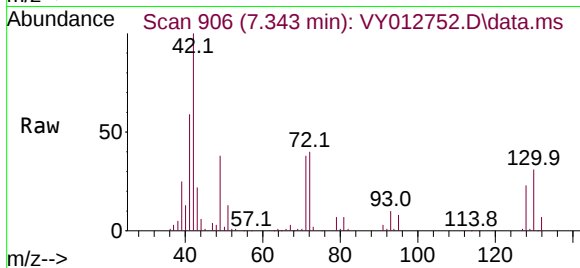
Tgt Ion: 42 Resp: 92043

Ion Ratio Lower Upper

42 100

72 39.5 32.3 48.5

71 36.4 30.3 45.5



#30

Chloroform

Concen: 58.419 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY012752.D

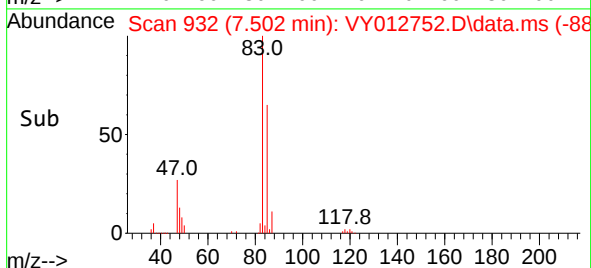
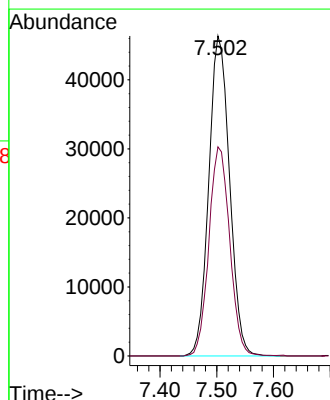
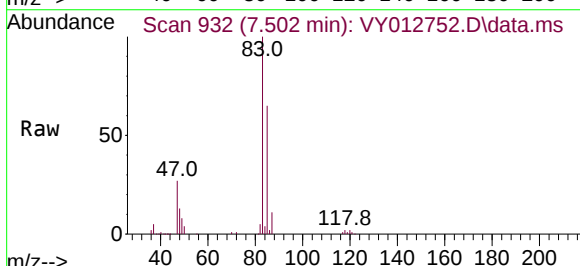
Acq: 02 Mar 2023 11:12

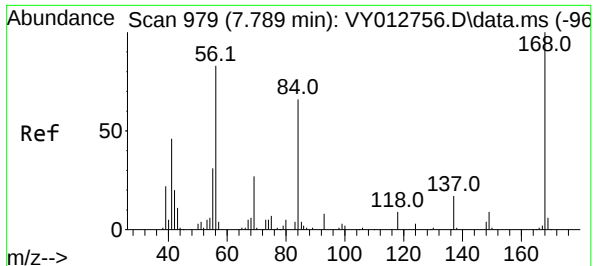
Tgt Ion: 83 Resp: 118109

Ion Ratio Lower Upper

83 100

85 65.3 51.4 77.0





#31

Cyclohexane

Concen: 58.272 ug/l

RT: 7.782 min Scan# 91

Delta R.T. -0.007 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

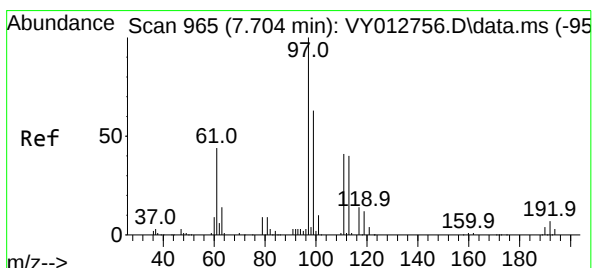
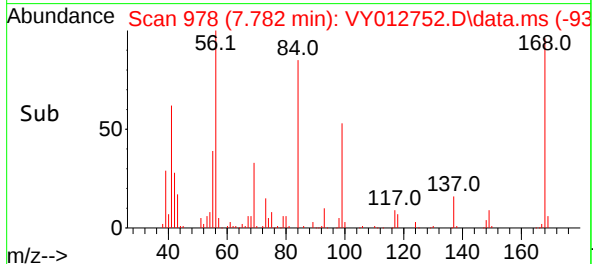
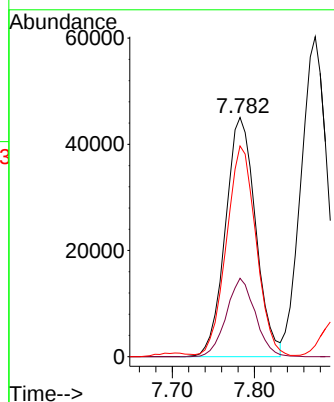
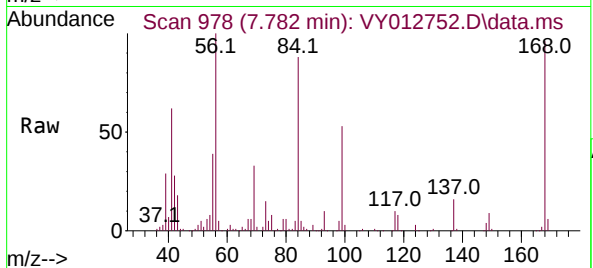
Tgt Ion: 56 Resp: 115202

Ion Ratio Lower Upper

56 100

69 32.8 25.7 38.5

84 86.6 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 59.072 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

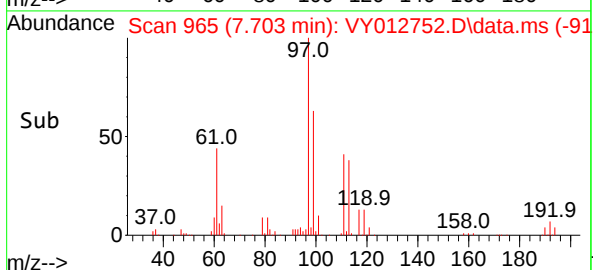
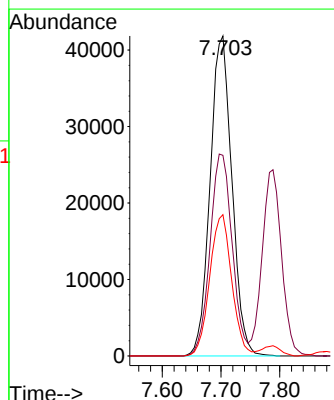
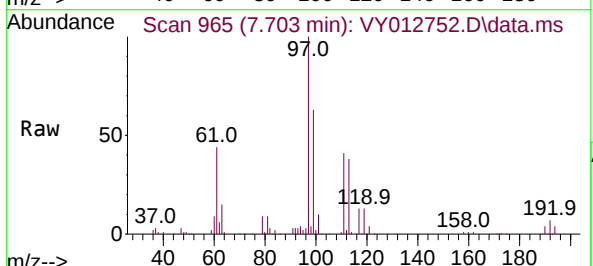
Tgt Ion: 97 Resp: 108004

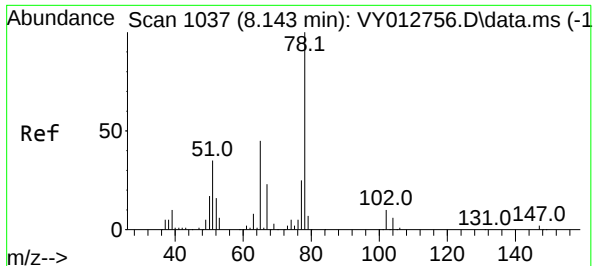
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 44.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 53.403 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

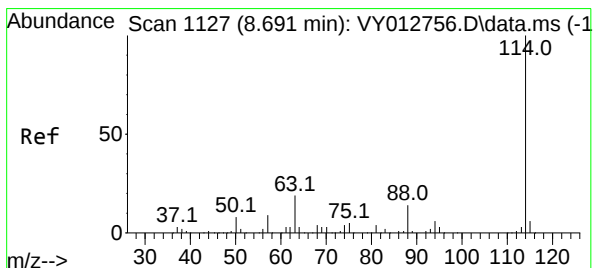
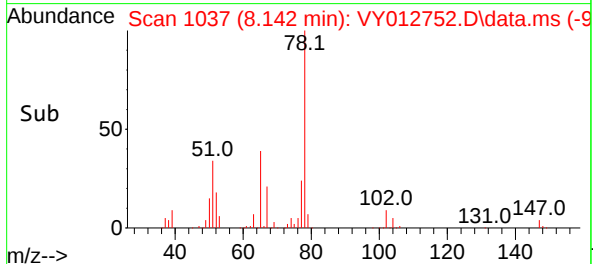
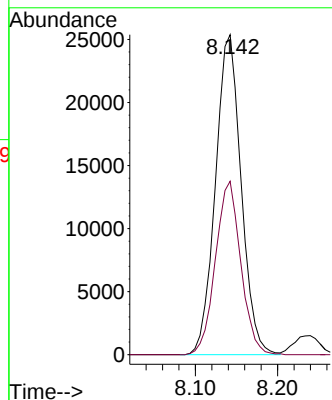
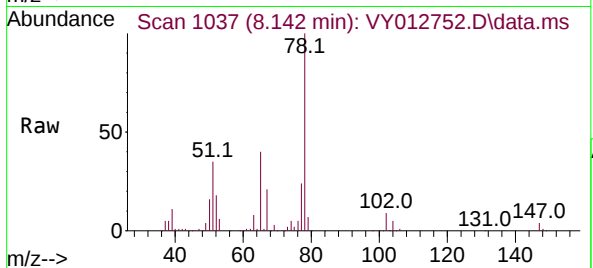
VSTDCCC050

Tgt Ion: 65 Resp: 55126

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

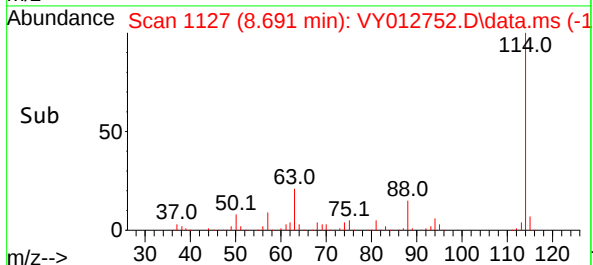
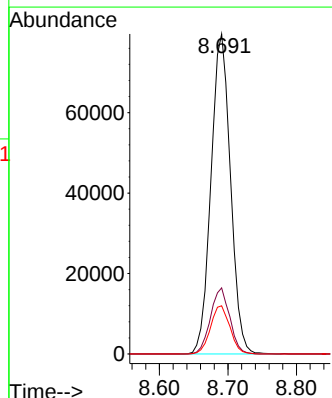
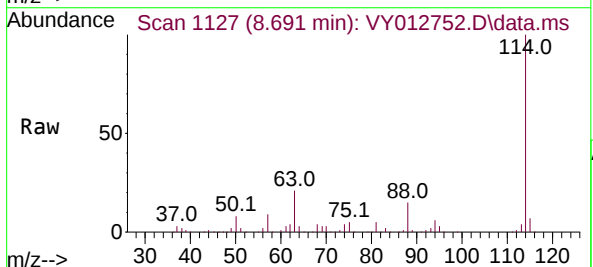
Tgt Ion: 114 Resp: 156955

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.0 0.0 28.6

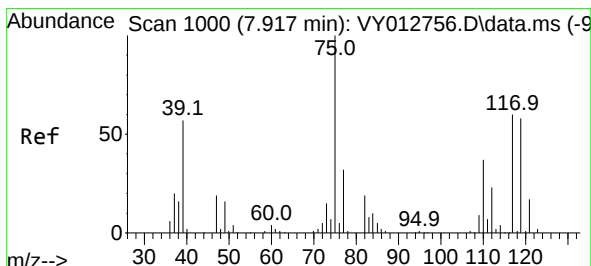
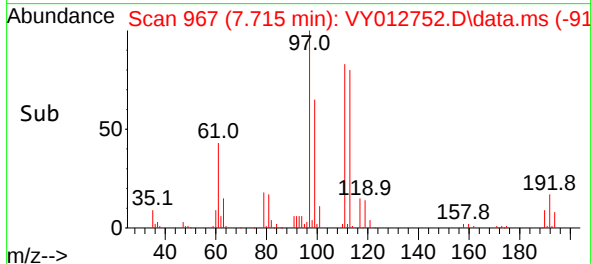
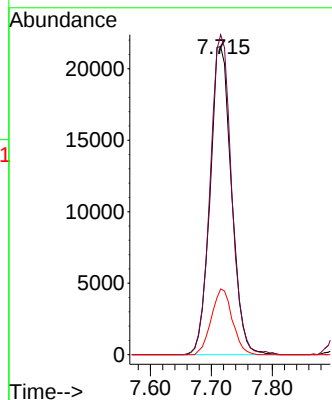
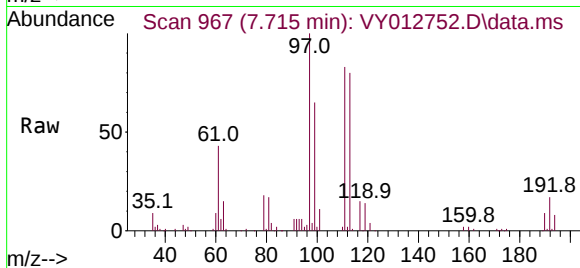




#35
Dibromofluoromethane
Concen: 55.567 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

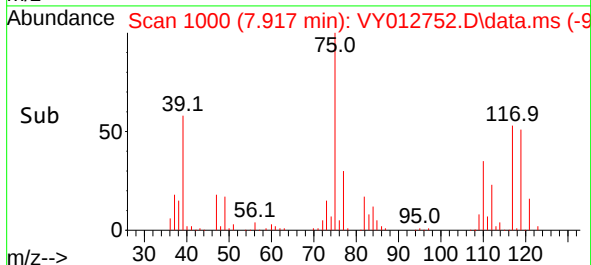
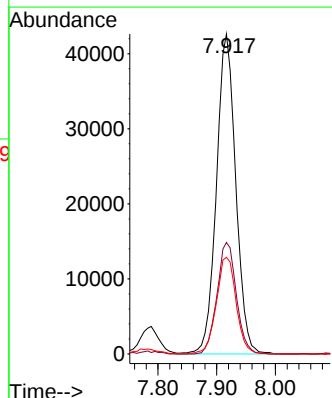
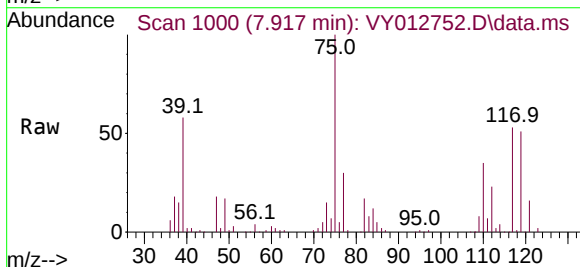
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

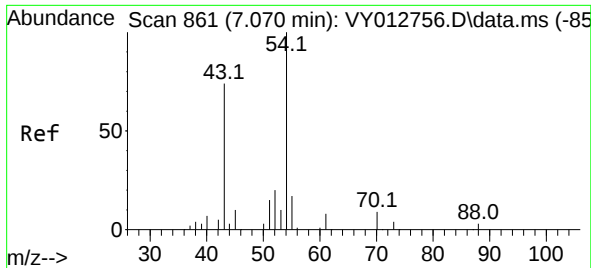
Tgt Ion:113 Resp: 52634
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 20.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 61.262 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 75 Resp: 97244
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 58.769 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

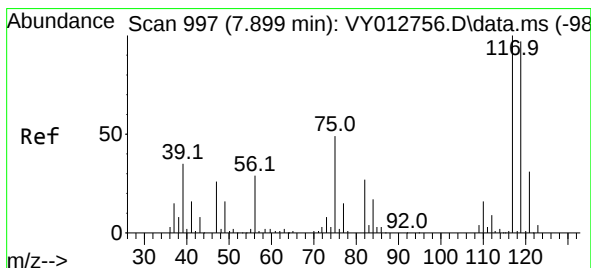
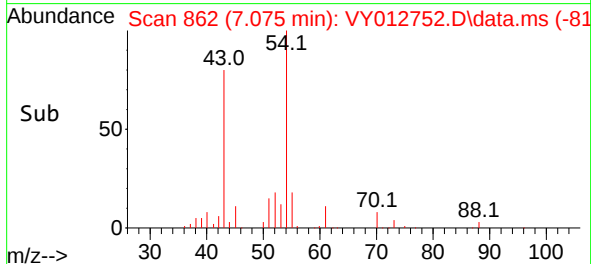
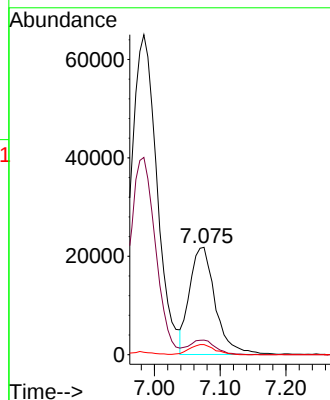
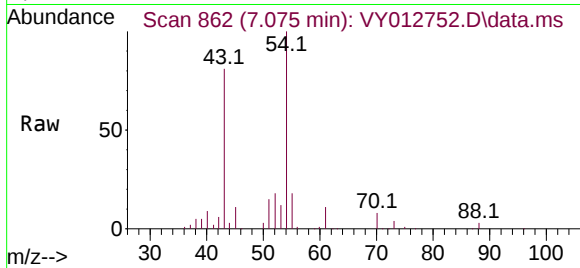
Tgt Ion: 43 Resp: 58797

Ion Ratio Lower Upper

43 100

61 14.2 10.7 16.1

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 61.515 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

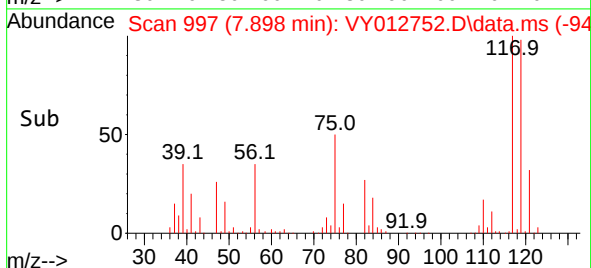
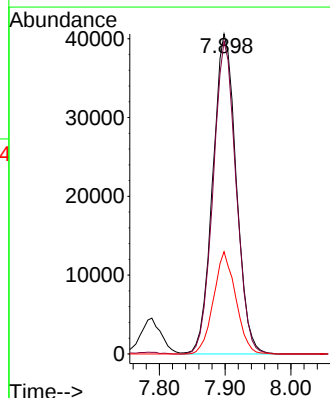
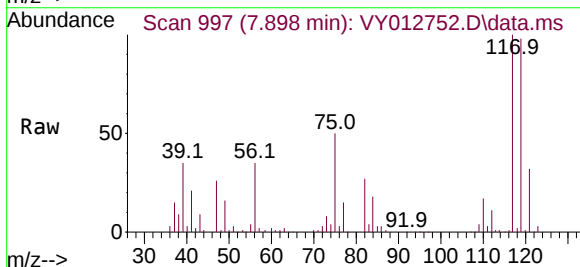
Tgt Ion: 117 Resp: 100834

Ion Ratio Lower Upper

117 100

119 97.7 77.2 115.8

121 31.9 24.7 37.1





#39

Methylcyclohexane

Concen: 62.591 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

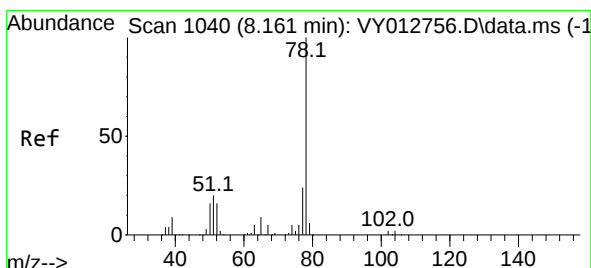
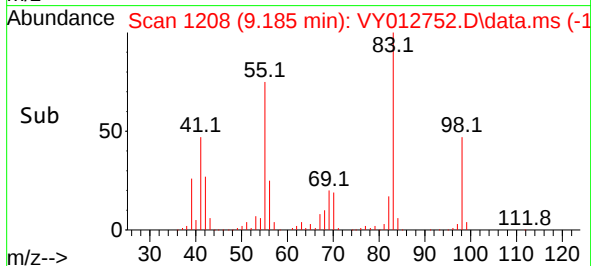
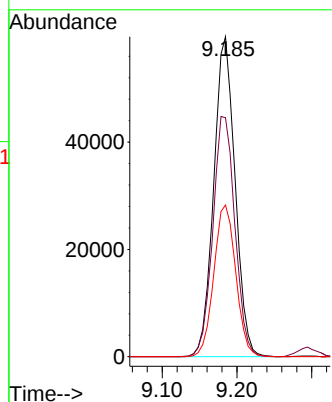
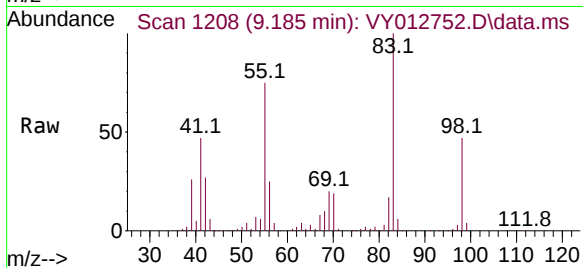
Tgt Ion: 83 Resp: 118119

Ion Ratio Lower Upper

83 100

55 74.7 60.0 90.0

98 47.4 38.3 57.5



#40

Benzene

Concen: 60.778 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012752.D

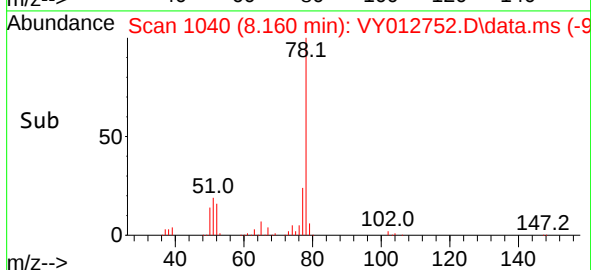
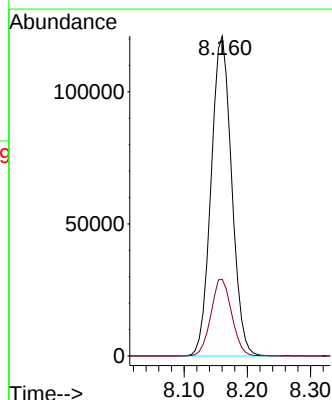
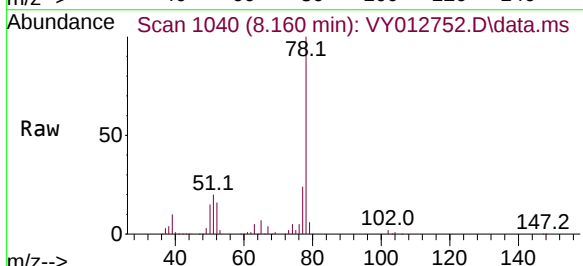
Acq: 02 Mar 2023 11:12

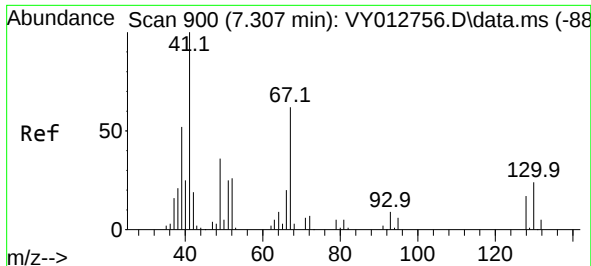
Tgt Ion: 78 Resp: 272900

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

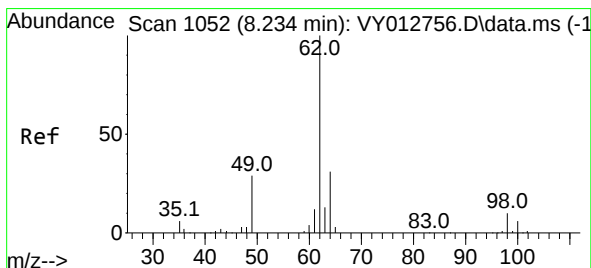
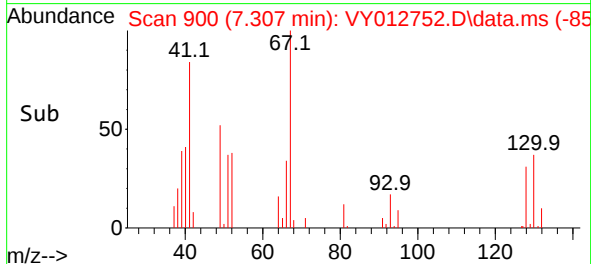
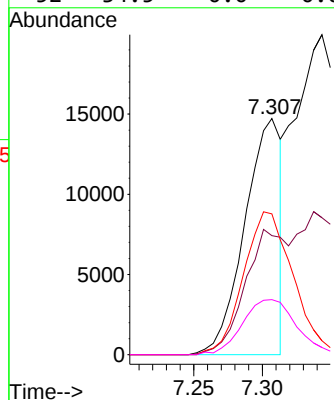
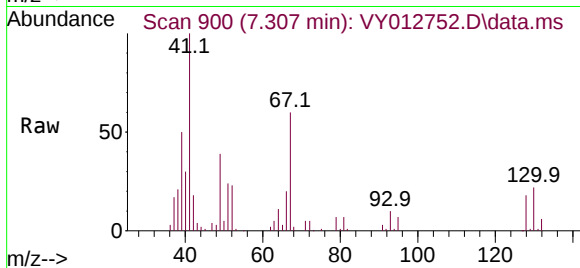




#41
Methacrylonitrile
Concen: 50.918 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

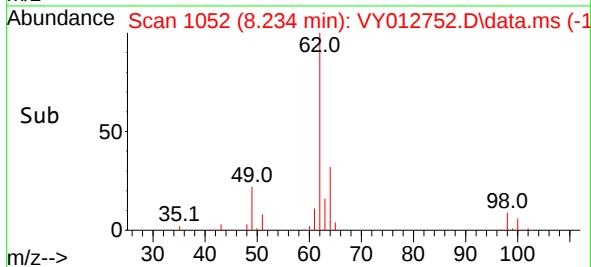
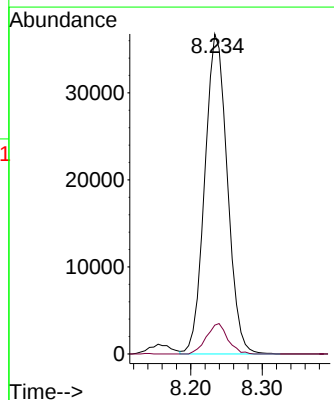
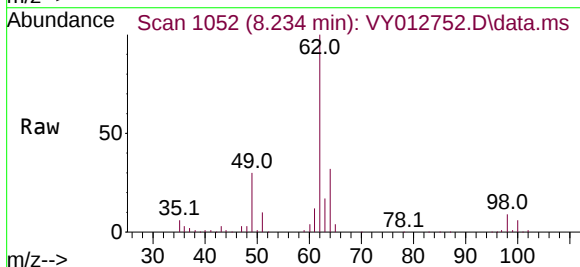
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

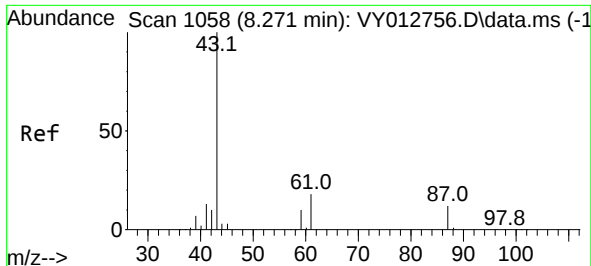
Tgt Ion:	41	Resp:	27446
Ion	Ratio	Lower	Upper
41	100		
39	61.4	0.0	0.0#
67	82.6	0.0	0.0#
52	34.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 59.639 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion:	62	Resp:	80510
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.8





#43

Isopropyl Acetate

Concen: 60.181 ug/l

RT: 8.270 min Scan# 11058

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

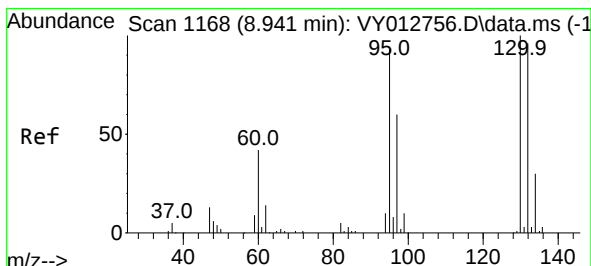
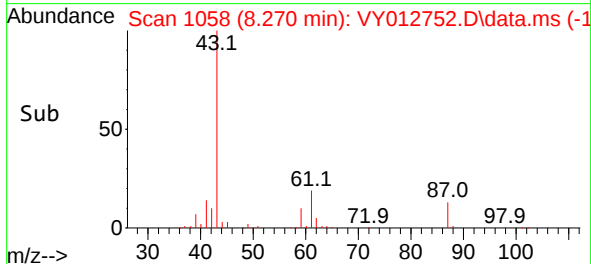
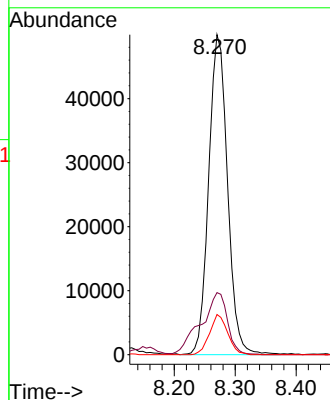
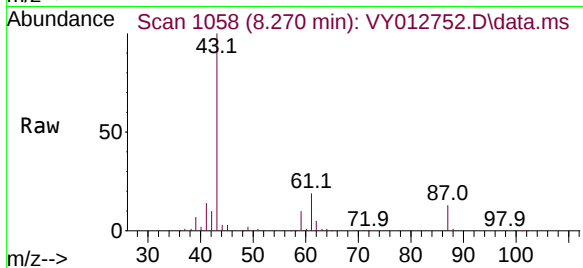
Tgt Ion: 43 Resp: 107421

Ion Ratio Lower Upper

43 100

61 27.4 21.6 32.4

87 12.0 9.9 14.9



#44

Trichloroethene

Concen: 60.196 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VY012752.D

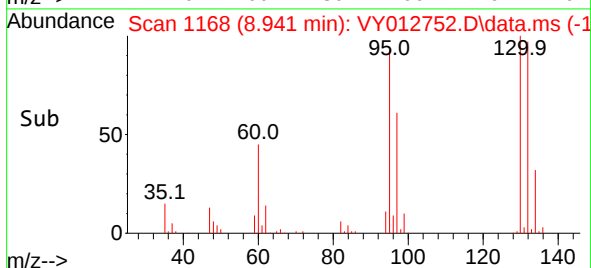
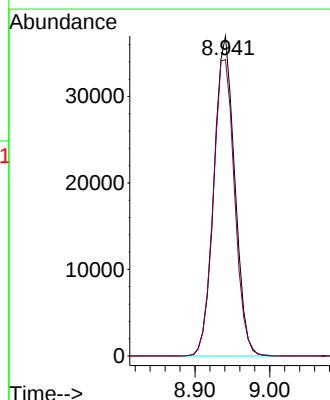
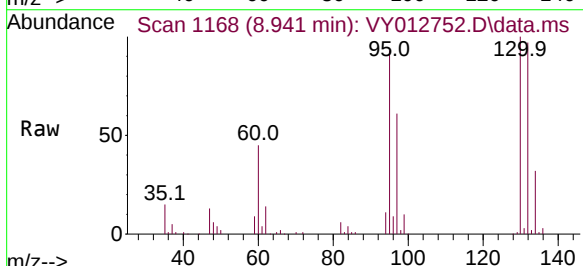
Acq: 02 Mar 2023 11:12

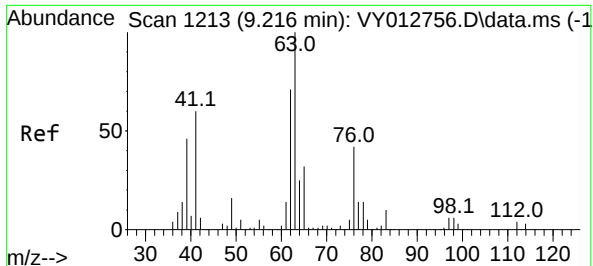
Tgt Ion: 130 Resp: 71262

Ion Ratio Lower Upper

130 100

95 92.6 0.0 185.0





#45

1,2-Dichloropropane

Concen: 60.645 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

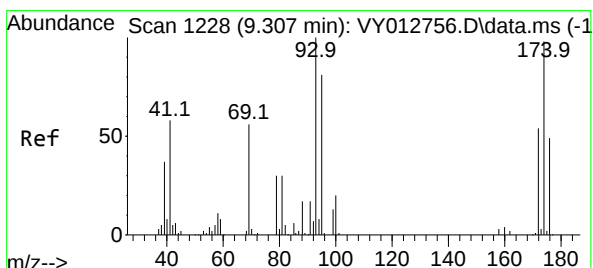
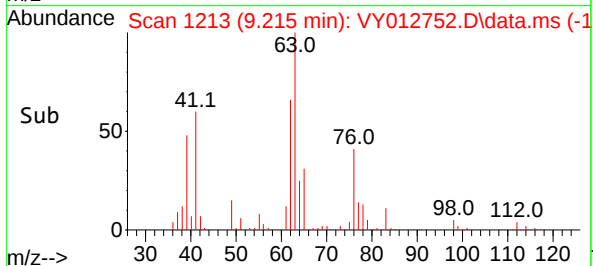
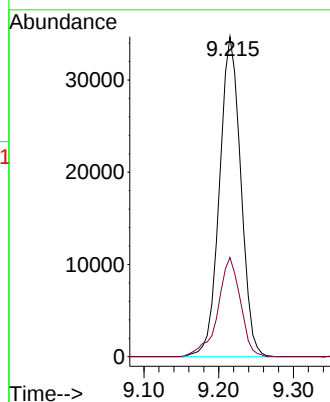
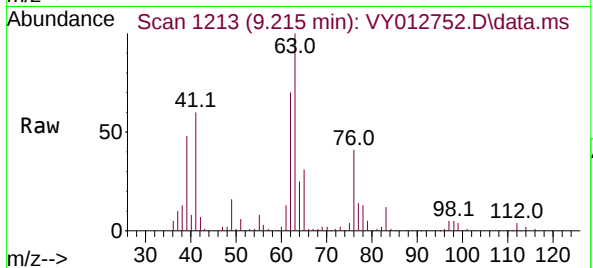
VSTDCCC050

Tgt Ion: 63 Resp: 68818

Ion Ratio Lower Upper

63 100

65 31.0 25.7 38.5



#46

Dibromomethane

Concen: 60.240 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

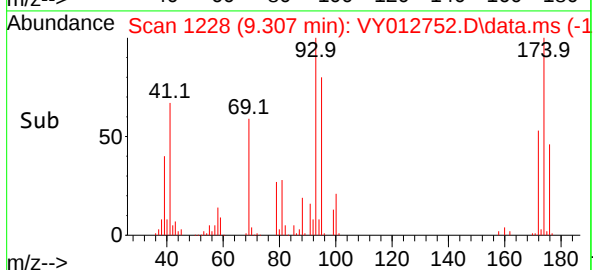
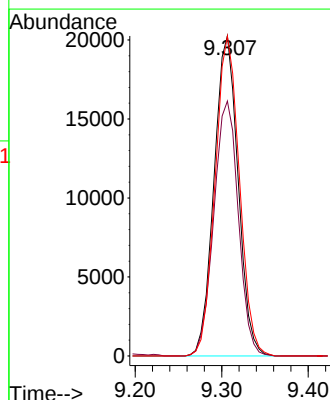
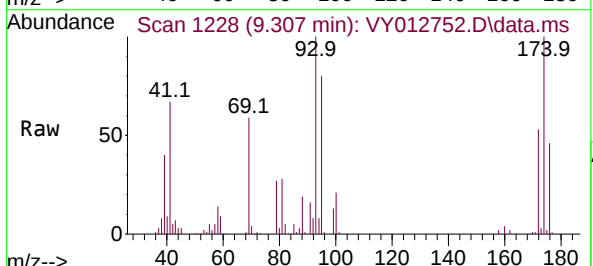
Tgt Ion: 93 Resp: 38944

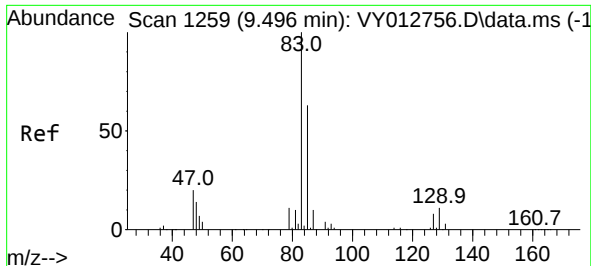
Ion Ratio Lower Upper

93 100

95 81.2 65.6 98.4

174 101.2 81.3 121.9

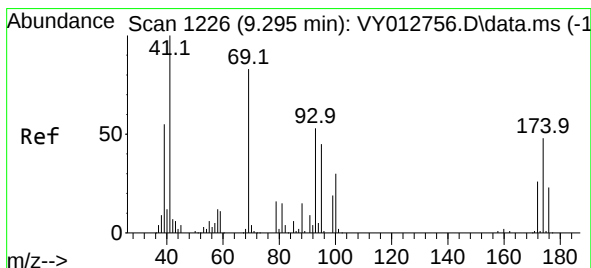
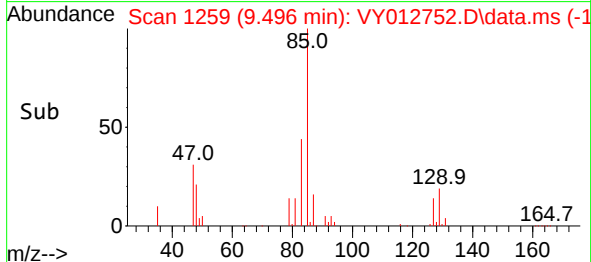
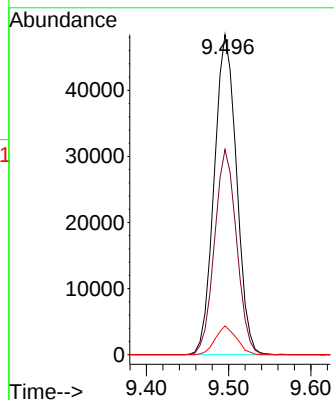
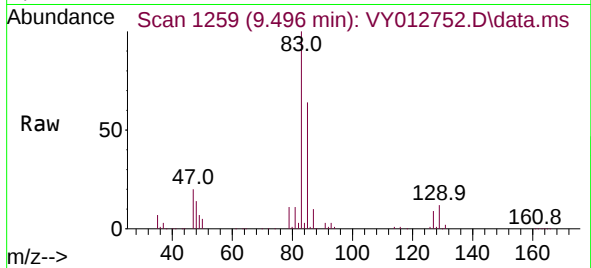




#47
Bromodichloromethane
Concen: 59.855 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

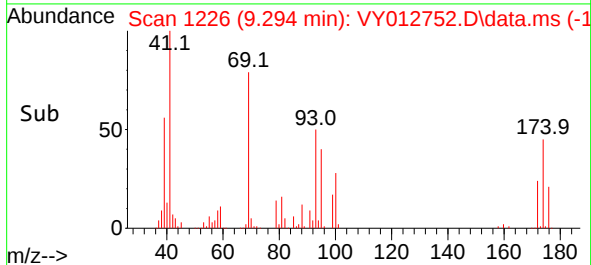
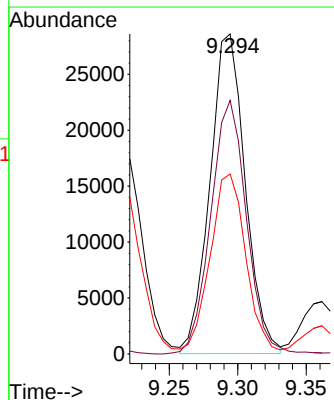
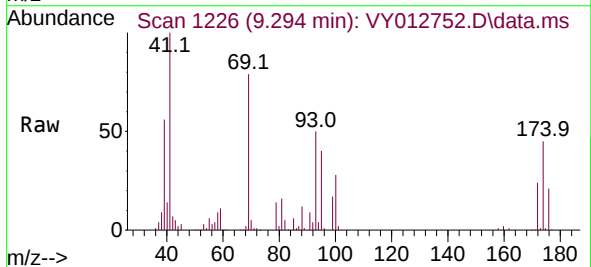
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

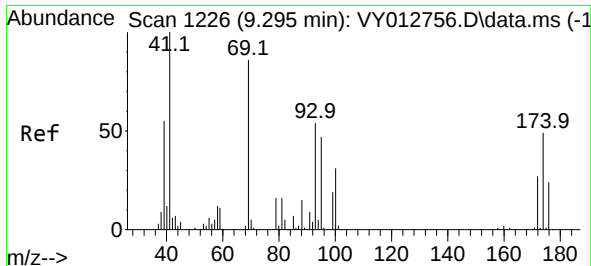
Tgt Ion: 83 Resp: 91187
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 62.231 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 41 Resp: 51183
Ion Ratio Lower Upper
41 100
69 80.4 64.1 96.1
39 54.6 44.0 66.0





#49

1,4-Dioxane

Concen: 1209.105 ug/l

RT: 9.300 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

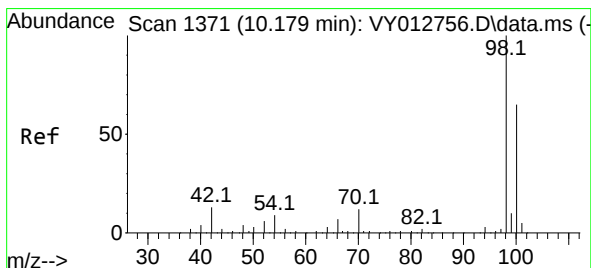
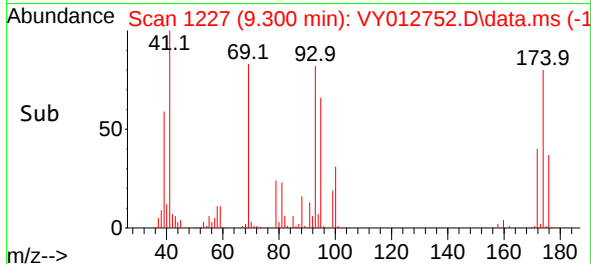
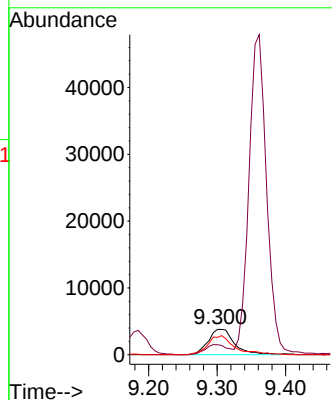
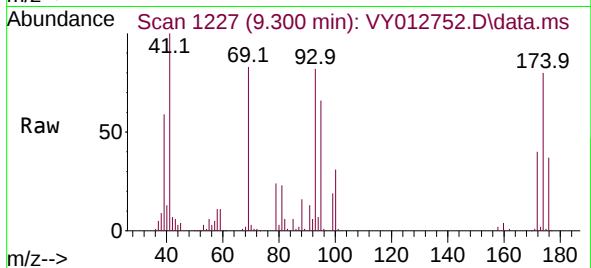
Tgt Ion: 88 Resp: 10105

Ion Ratio Lower Upper

88 100

43 32.6 28.6 42.8

58 76.2 55.2 82.8



#50

Toluene-d8

Concen: 55.631 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012752.D

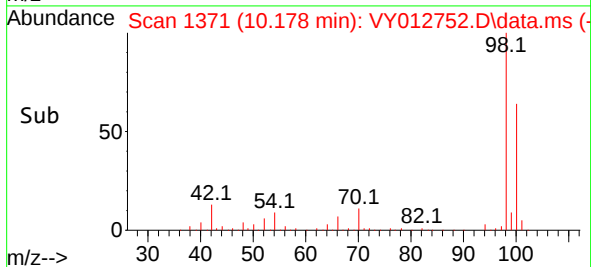
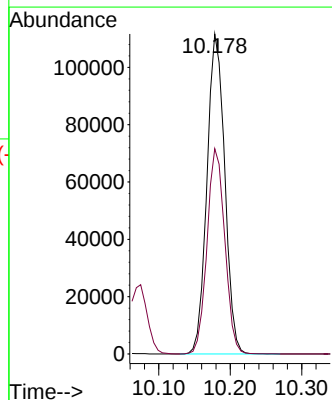
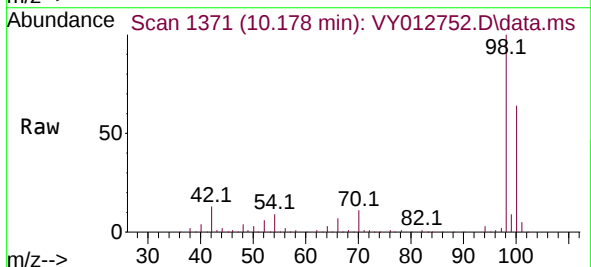
Acq: 02 Mar 2023 11:12

Tgt Ion: 98 Resp: 192641

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3

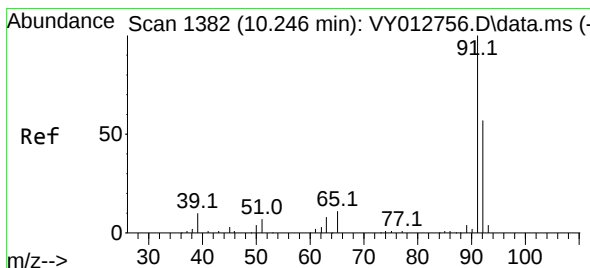
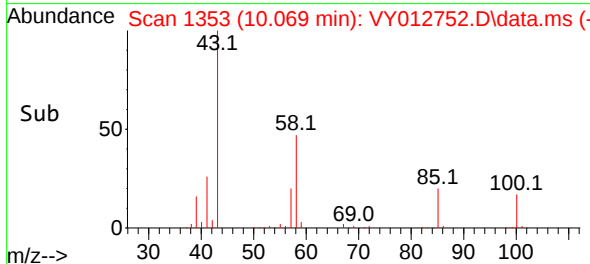
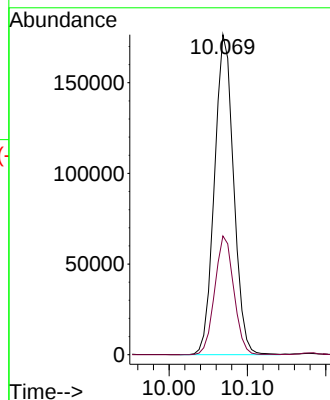
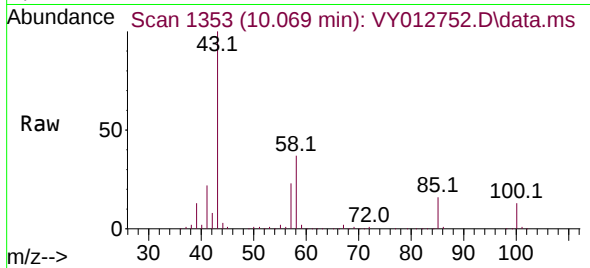




#51
4-Methyl-2-Pentanone
Concen: 310.028 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

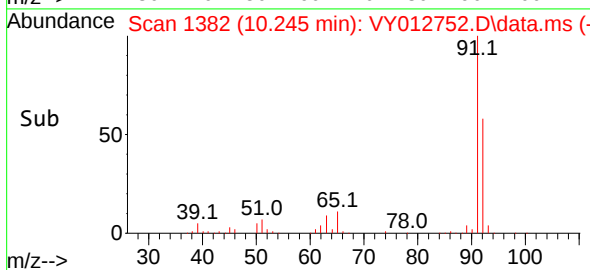
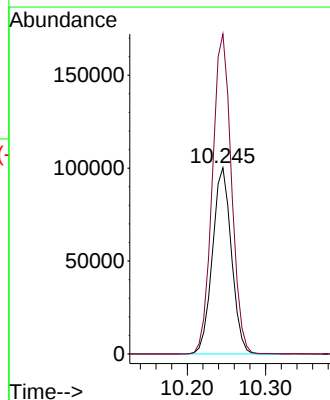
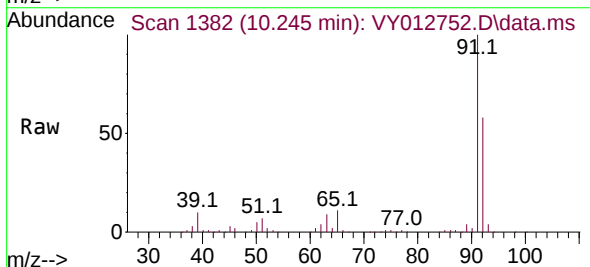
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

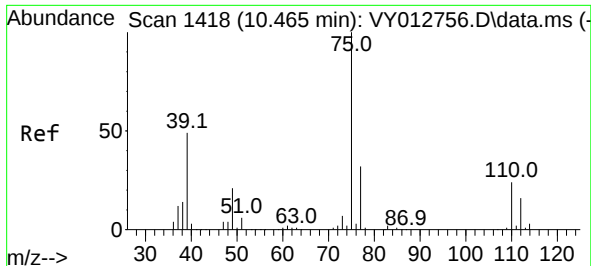
Tgt Ion: 43 Resp: 300179
Ion Ratio Lower Upper
43 100
58 37.0 29.8 44.6



#52
Toluene
Concen: 62.120 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 92 Resp: 168217
Ion Ratio Lower Upper
92 100
91 173.2 141.3 211.9

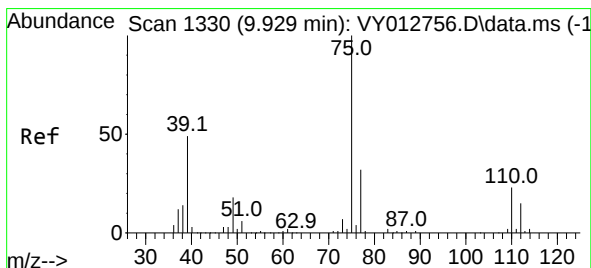
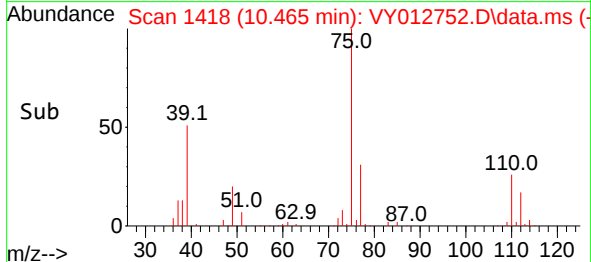
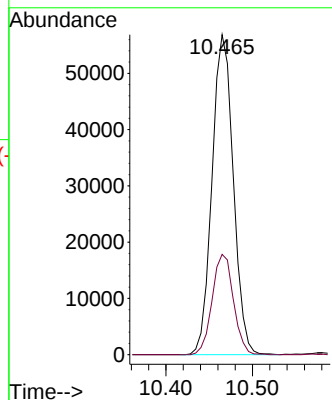
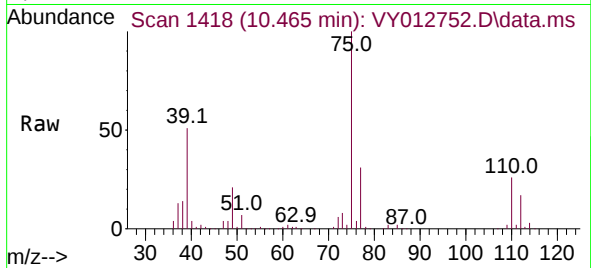




#53
t-1,3-Dichloropropene
Concen: 60.637 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

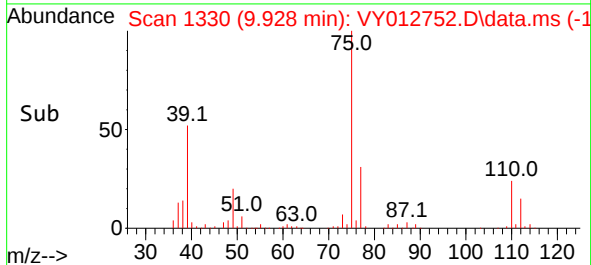
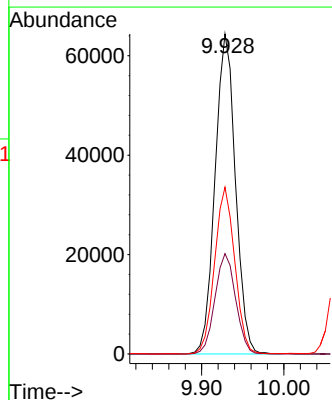
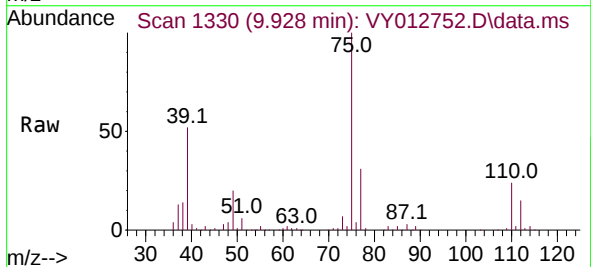
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

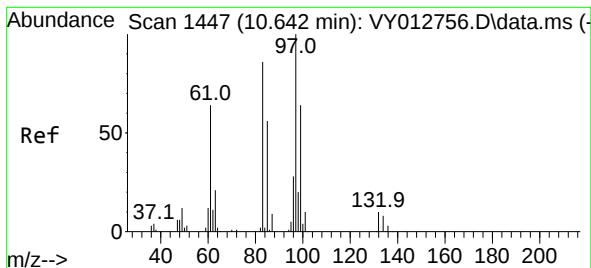
Tgt Ion: 75 Resp: 96896
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 61.383 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 75 Resp: 111023
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 52.1 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 58.260 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 52453

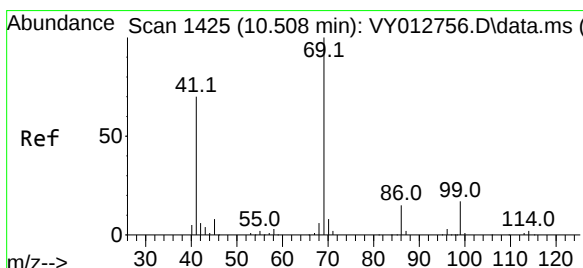
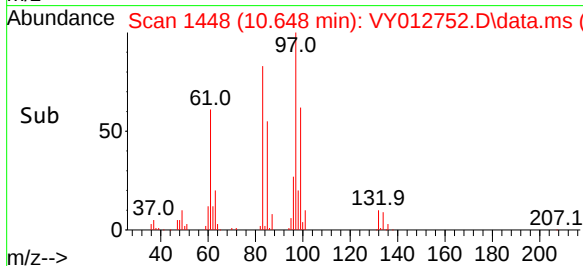
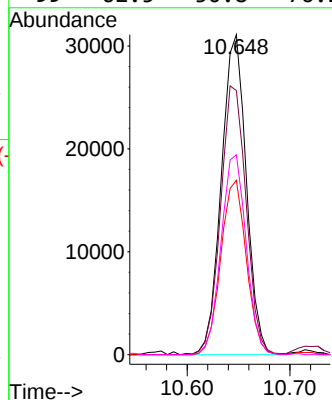
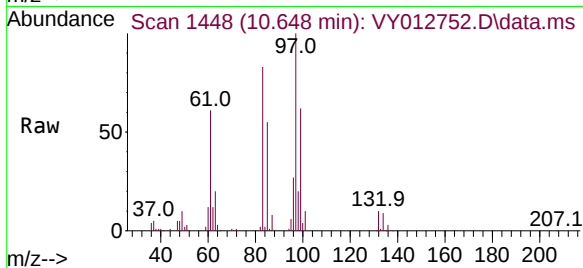
Ion Ratio Lower Upper

97 100

83 82.6 69.0 103.6

85 54.5 44.9 67.3

99 62.5 50.8 76.2



#56

Ethyl methacrylate

Concen: 62.347 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

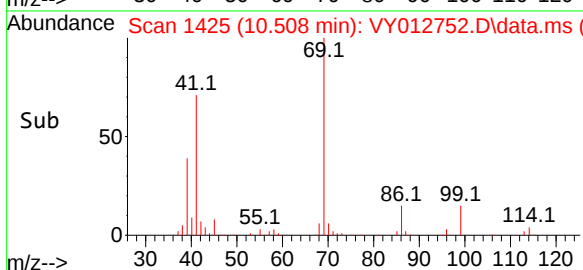
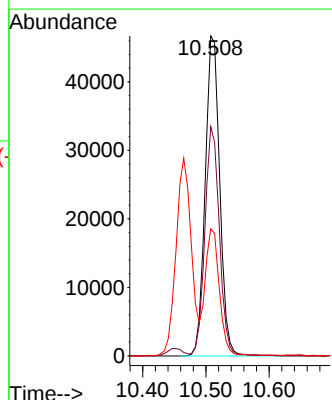
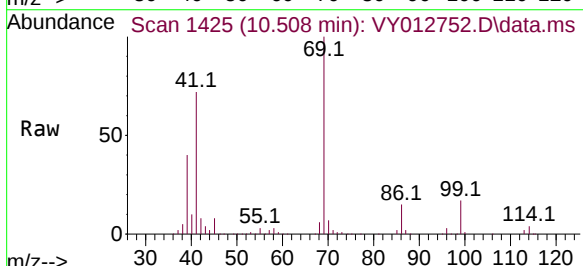
Tgt Ion: 69 Resp: 74847

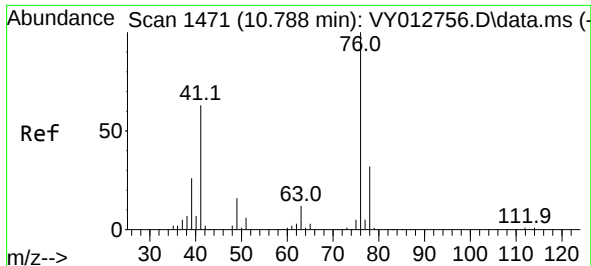
Ion Ratio Lower Upper

69 100

41 70.9 56.4 84.6

39 38.5 30.8 46.2

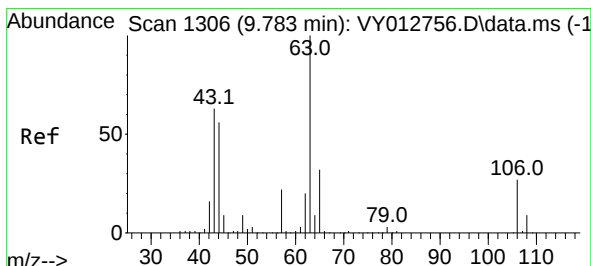
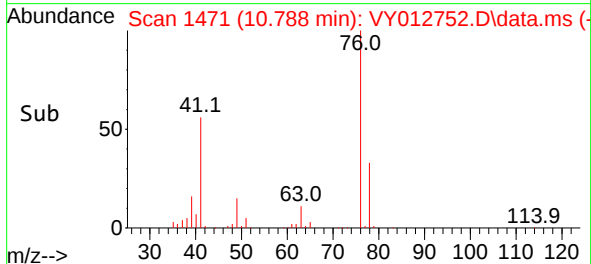
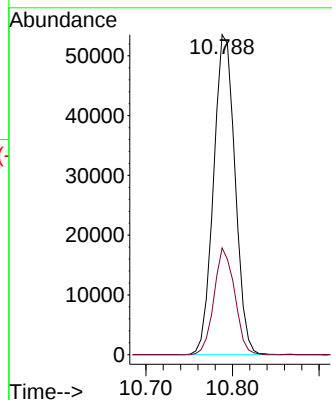
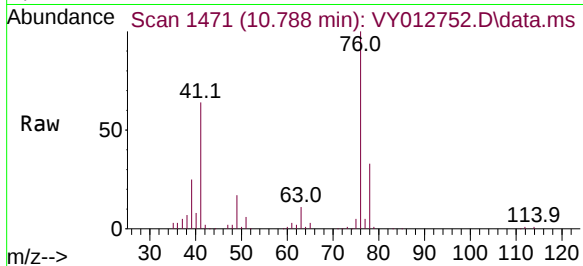




#57
1,3-Dichloropropane
Concen: 60.210 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

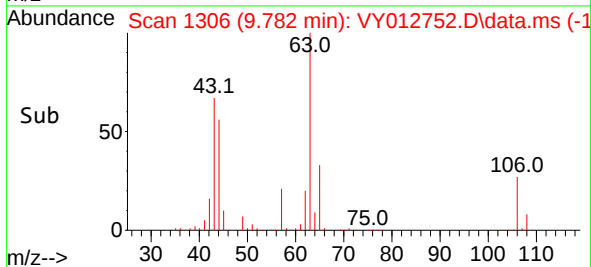
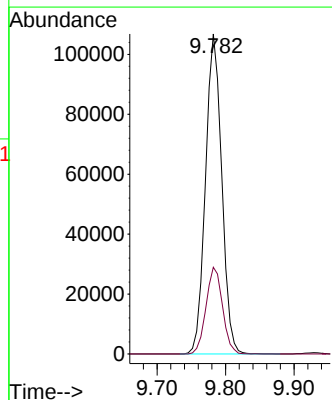
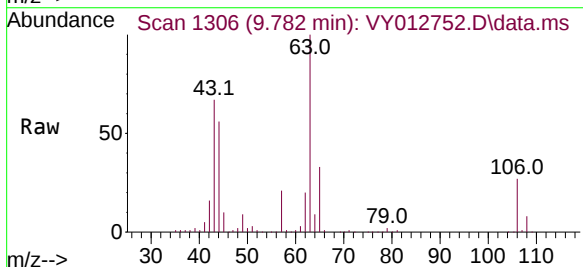
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

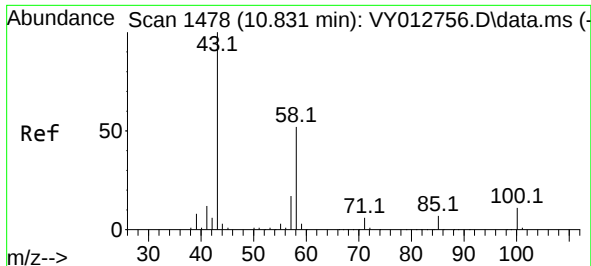
Tgt Ion: 76 Resp: 92331
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 279.561 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 63 Resp: 176181
Ion Ratio Lower Upper
63 100
106 27.4 22.1 33.1

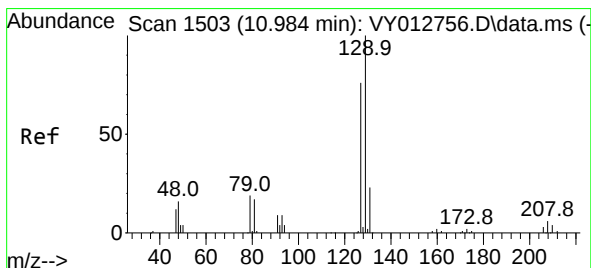
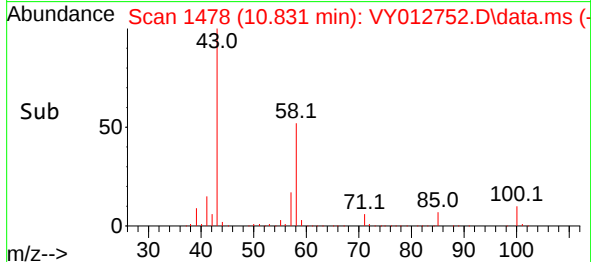
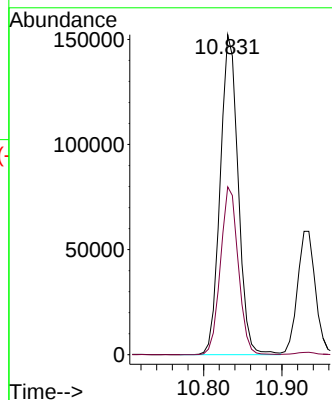
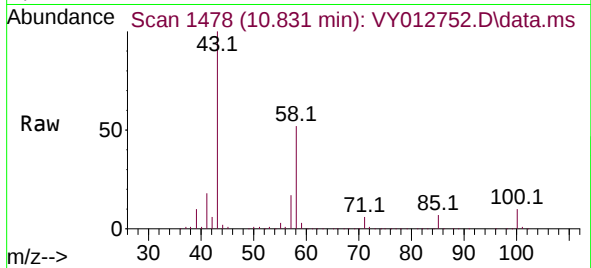




#59
2-Hexanone
Concen: 344.612 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

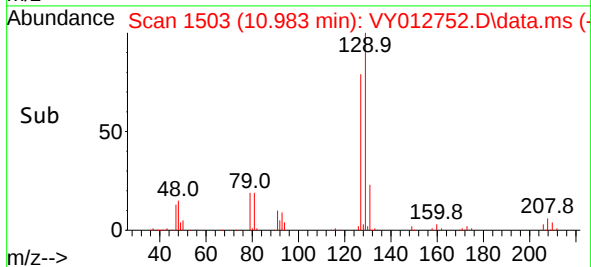
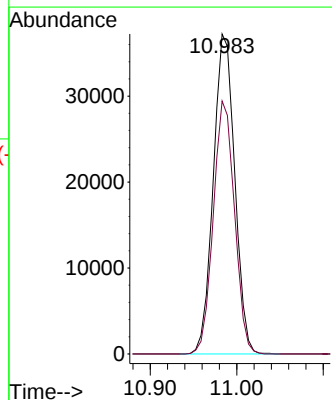
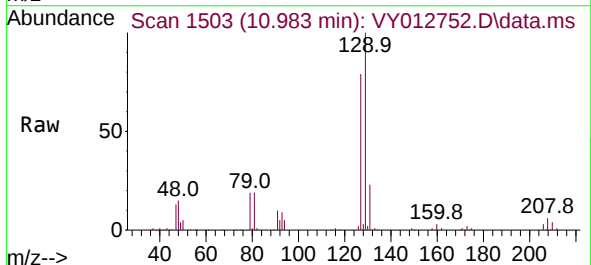
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

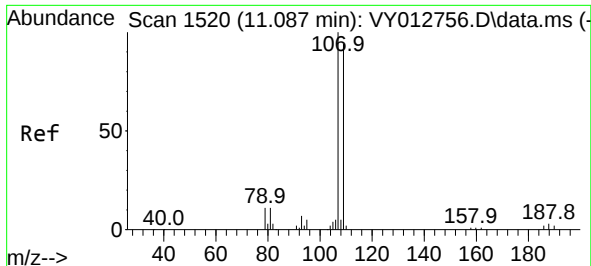
Tgt Ion: 43 Resp: 242501
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8



#60
Dibromochloromethane
Concen: 58.409 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 129 Resp: 64013
Ion Ratio Lower Upper
129 100
127 78.2 38.7 116.1

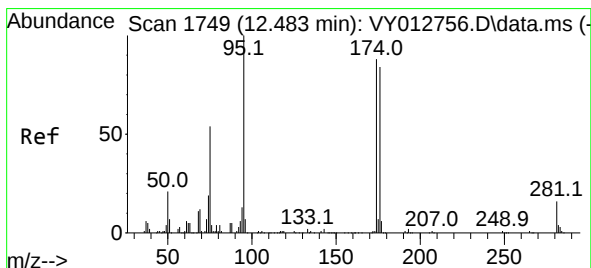
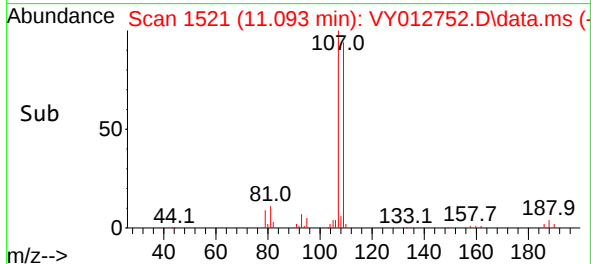
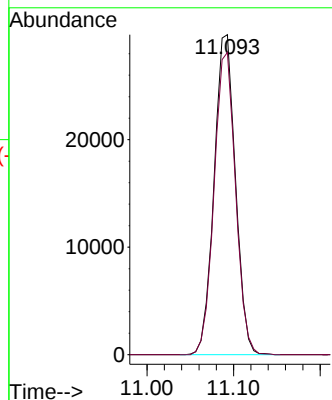
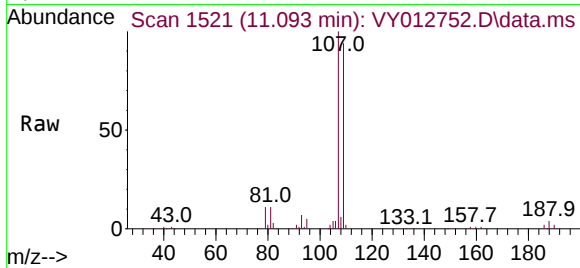




#61
1,2-Dibromoethane
Concen: 58.775 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

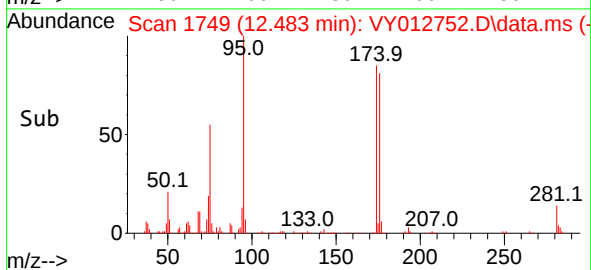
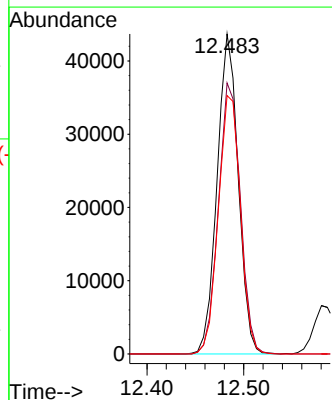
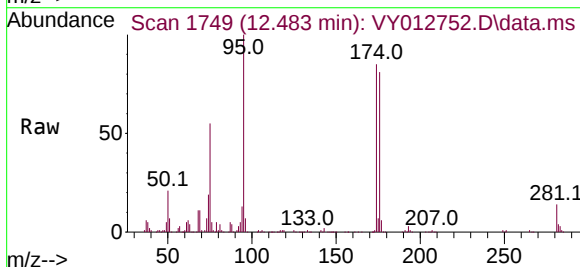
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

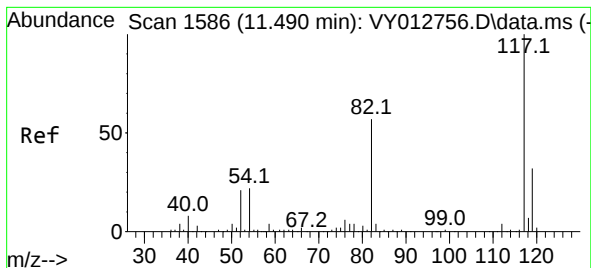
Tgt Ion:107 Resp: 50974
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 56.622 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 95 Resp: 66180
Ion Ratio Lower Upper
95 100
174 87.9 0.0 176.6
176 84.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

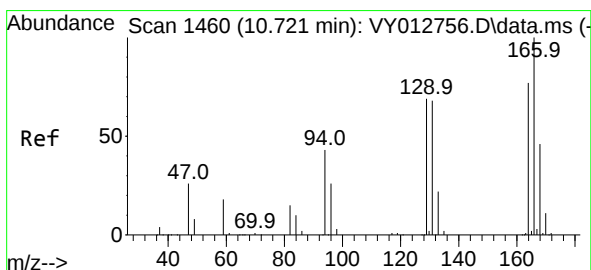
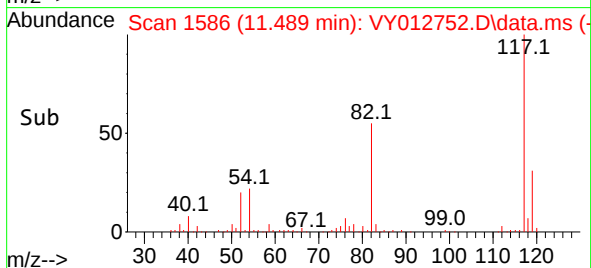
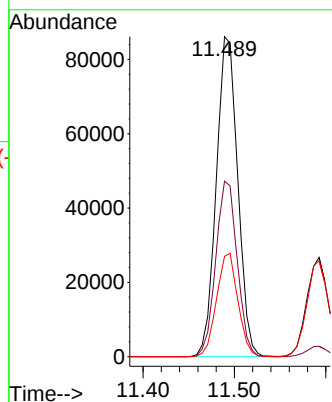
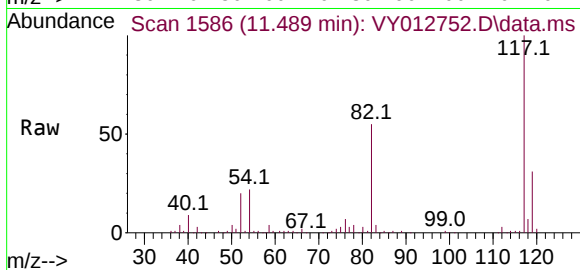
Tgt Ion:117 Resp: 140688

Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.0

119 31.3 25.6 38.4



#64

Tetrachloroethene

Concen: 59.369 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Tgt Ion:164 Resp: 60812

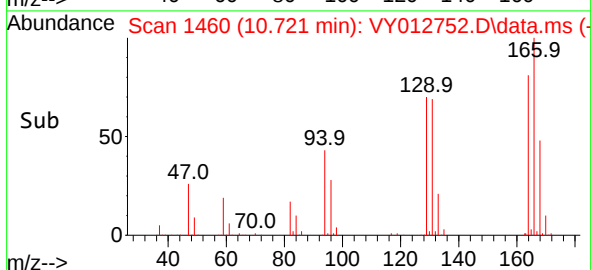
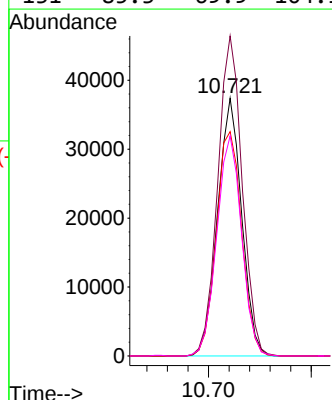
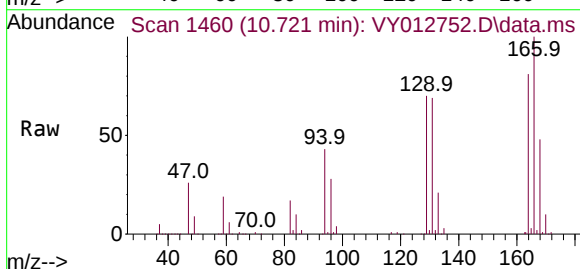
Ion Ratio Lower Upper

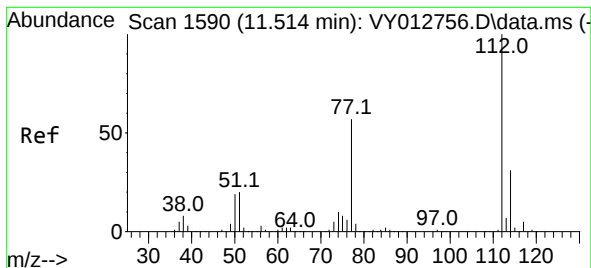
164 100

166 124.1 103.4 155.2

129 87.0 71.4 107.2

131 85.3 69.9 104.9





#65

Chlorobenzene

Concen: 58.857 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

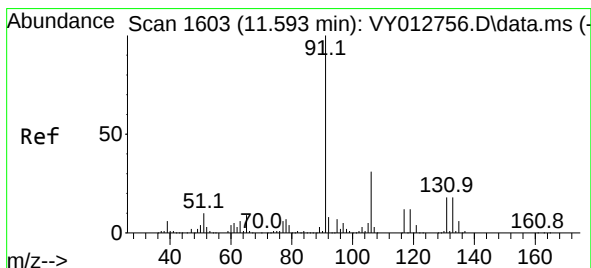
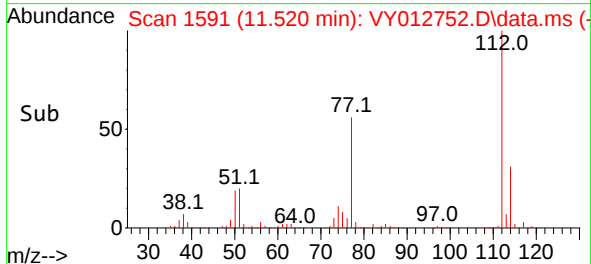
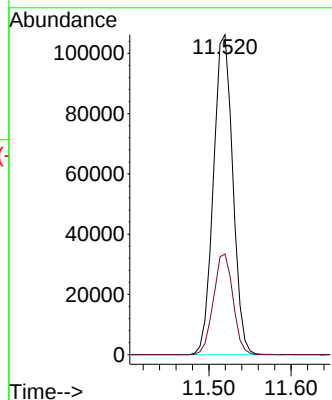
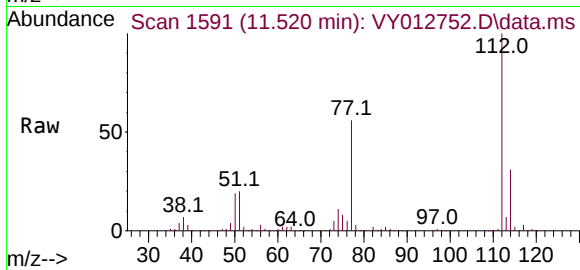
VSTDCCC050

Tgt Ion:112 Resp: 173788

Ion Ratio Lower Upper

112 100

114 31.5 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 58.618 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

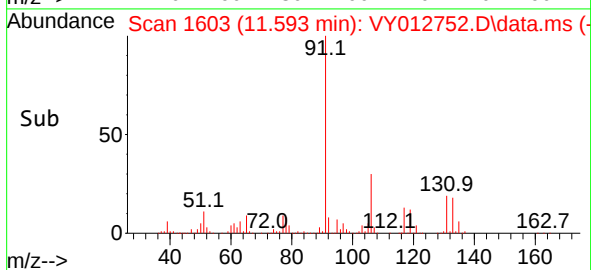
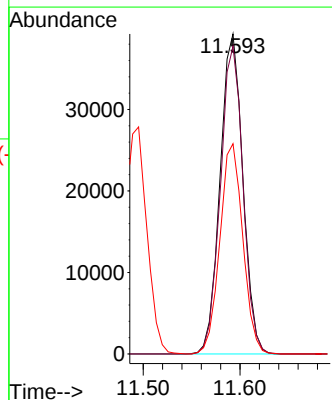
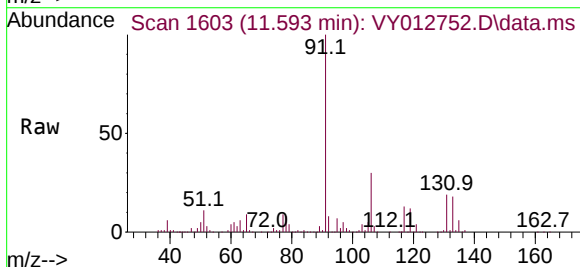
Tgt Ion:131 Resp: 64045

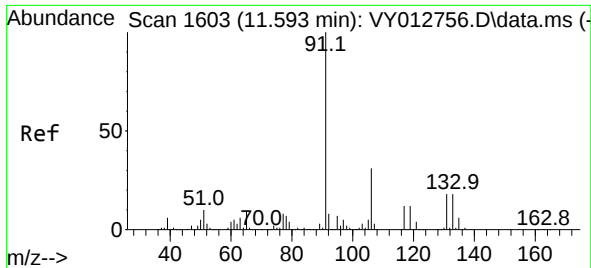
Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.0

119 66.3 32.6 98.0

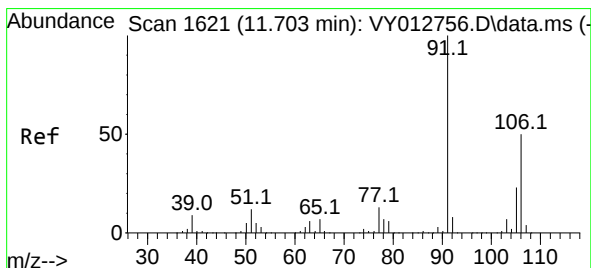
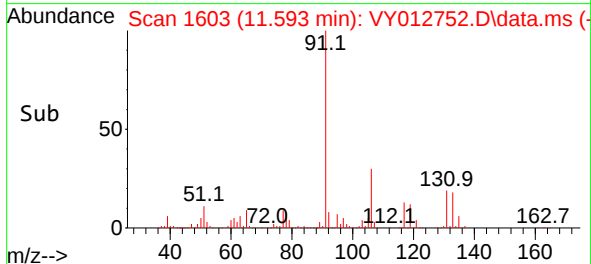
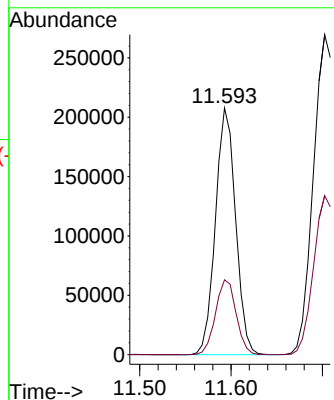
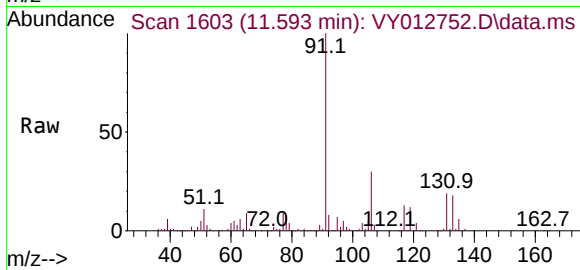




#67
Ethyl Benzene
Concen: 61.351 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

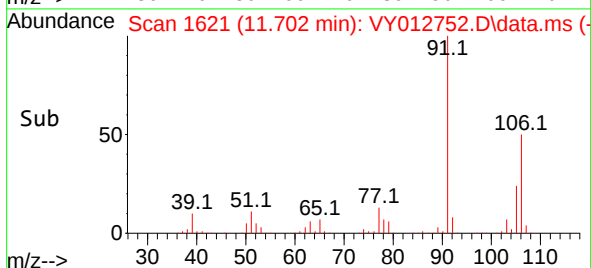
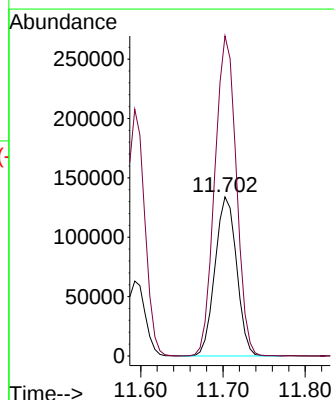
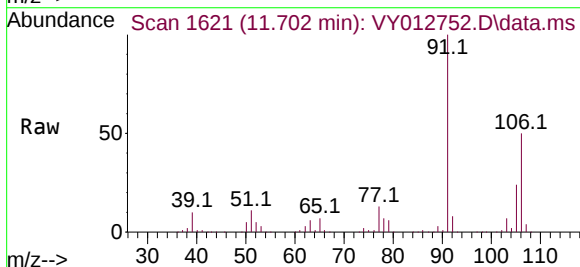
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

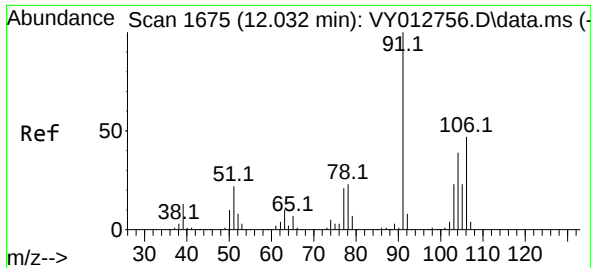
Tgt Ion: 91 Resp: 318490
Ion Ratio Lower Upper
91 100
106 30.4 25.1 37.7



#68
m/p-Xylenes
Concen: 122.322 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion:106 Resp: 244286
Ion Ratio Lower Upper
106 100
91 200.6 159.8 239.8

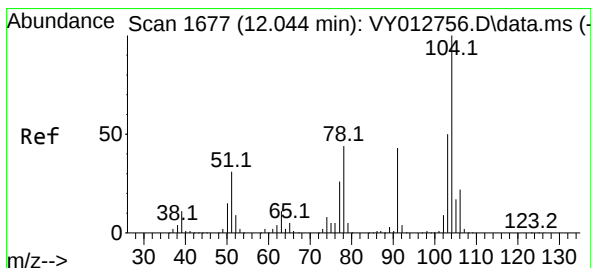
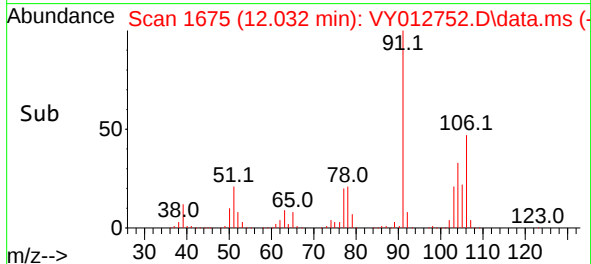
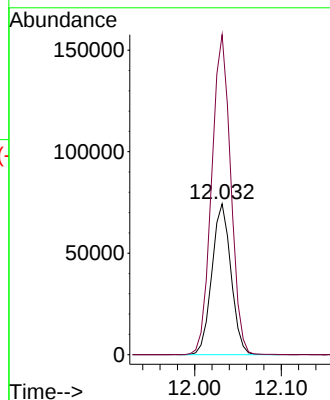
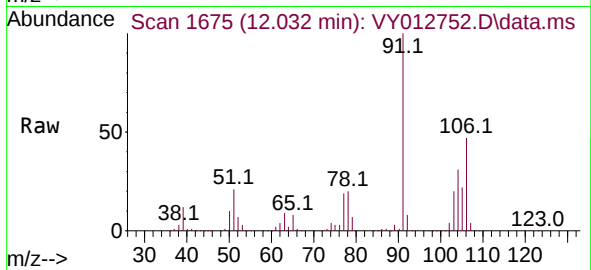




#69
o-Xylene
Concen: 60.919 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

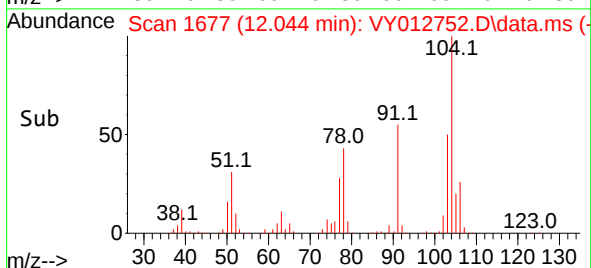
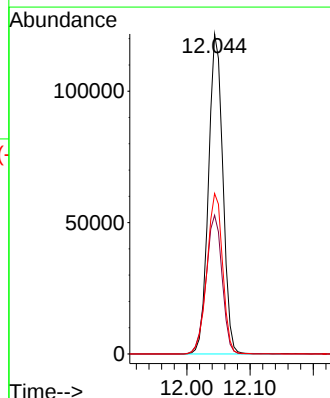
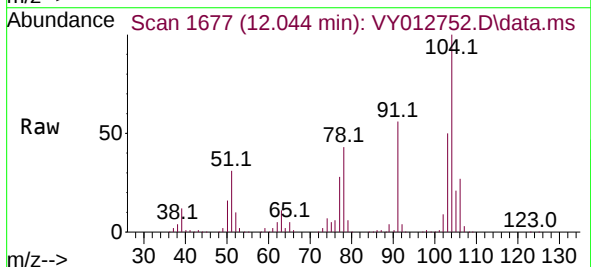
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 113543
Ion Ratio Lower Upper
106 100
91 212.5 107.2 321.6



#70
Styrene
Concen: 62.085 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion:104 Resp: 193107
Ion Ratio Lower Upper
104 100
78 48.2 39.2 58.8
103 54.3 43.7 65.5





#71

Bromoform

Concen: 59.008 ug/l

RT: 12.208 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

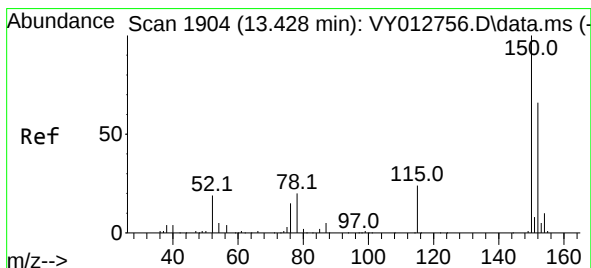
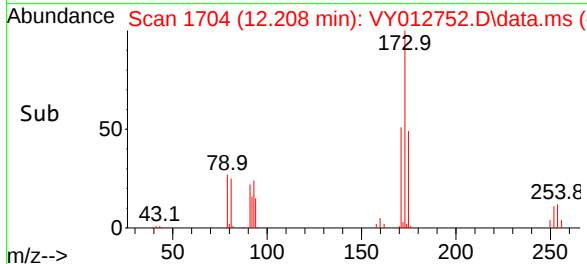
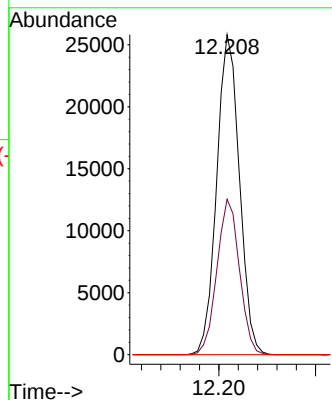
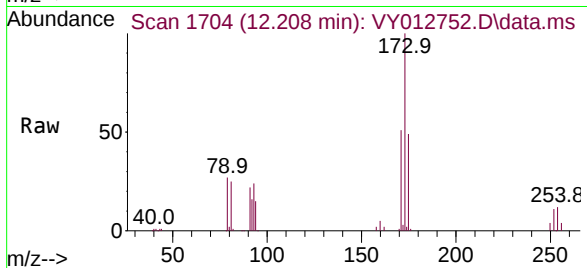
Tgt Ion:173 Resp: 42036

Ion Ratio Lower Upper

173 100

175 48.1 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

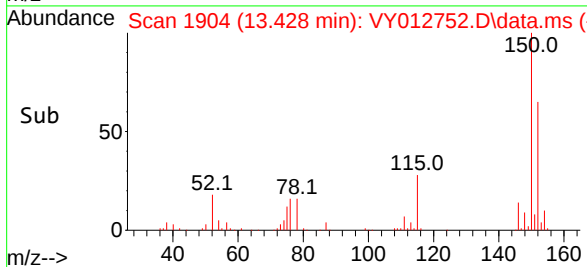
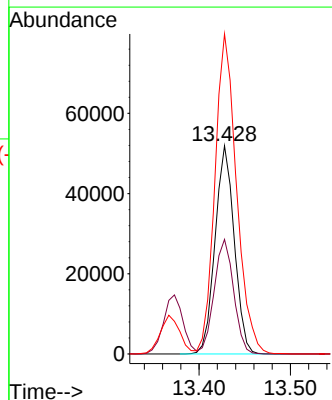
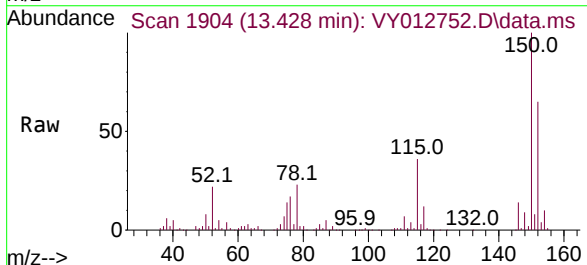
Tgt Ion:152 Resp: 75872

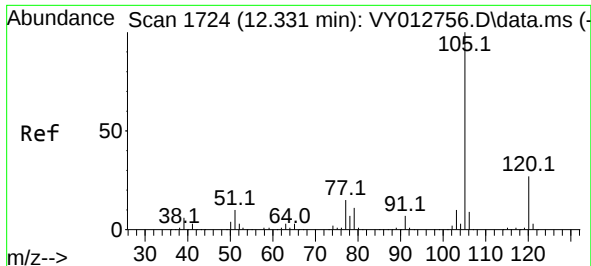
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

150 173.0 0.0 347.8

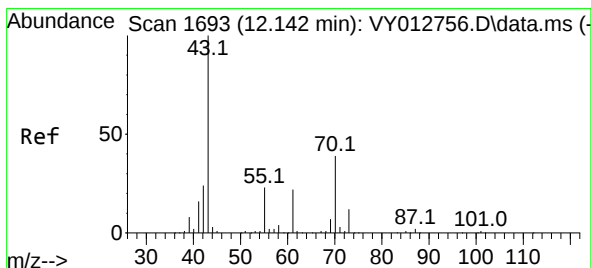
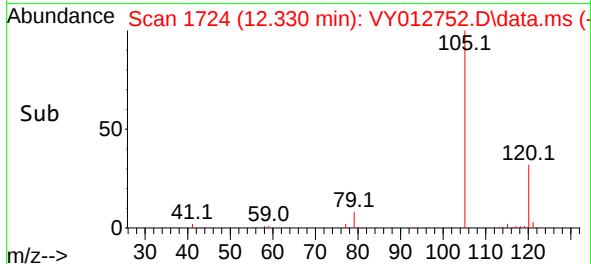
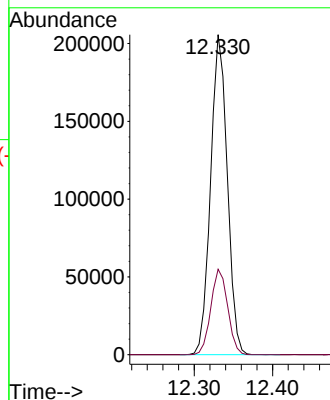
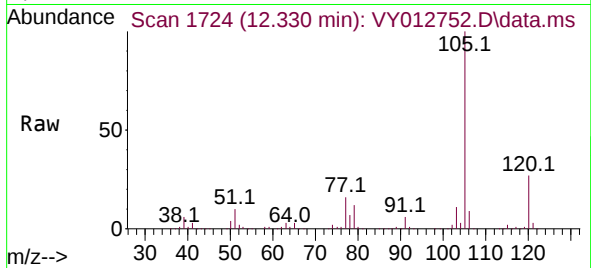




#73
Isopropylbenzene
Concen: 56.533 ug/l
RT: 12.330 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

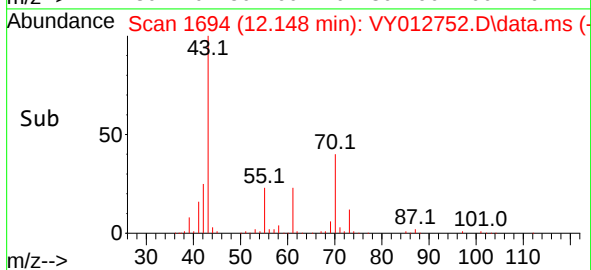
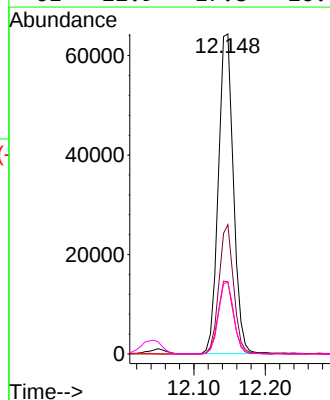
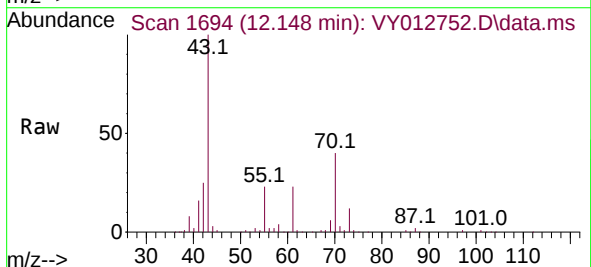
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

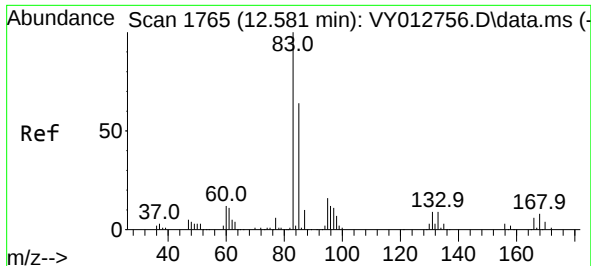
Tgt Ion:105 Resp: 303983
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2



#74
N-ethyl acetate
Concen: 55.670 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 43 Resp: 94184
Ion Ratio Lower Upper
43 100
70 39.2 31.6 47.4
55 23.3 18.8 28.2
61 22.9 17.8 26.8

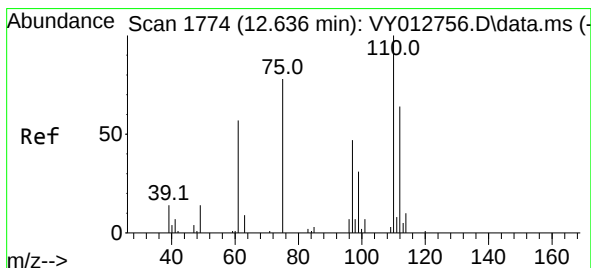
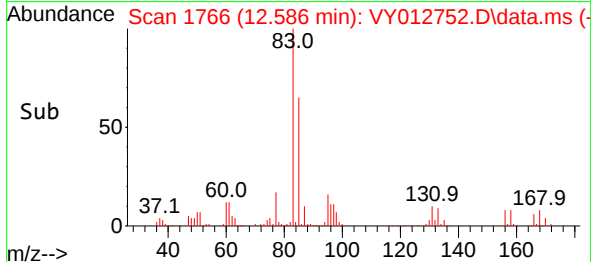
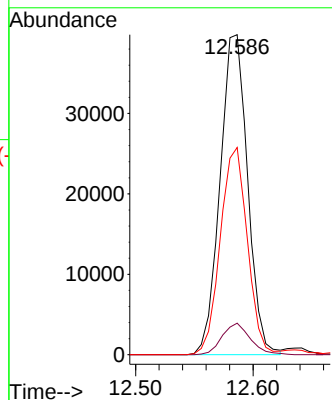
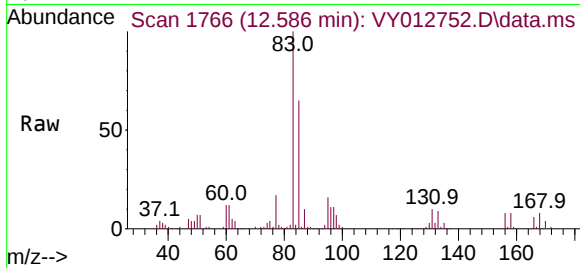




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.687 ug/l
 RT: 12.586 min Scan# 1765
 Delta R.T. 0.006 min
 Lab File: VY012752.D
 Acq: 02 Mar 2023 11:12

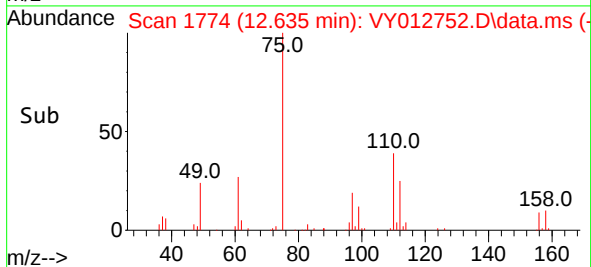
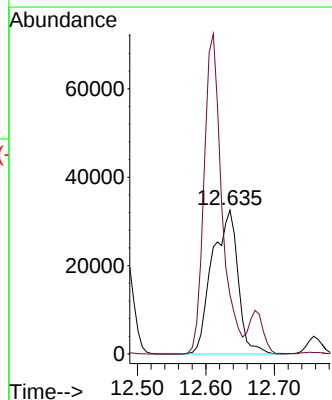
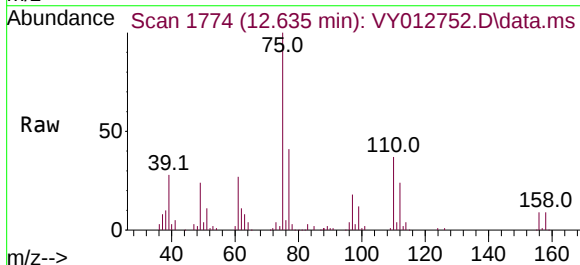
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

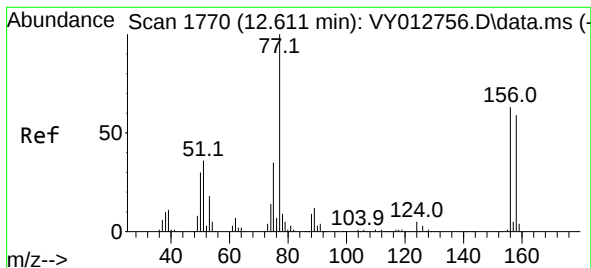
Tgt Ion: 83 Resp: 64893
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.2
 85 63.8 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 94.038 ug/l
 RT: 12.635 min Scan# 1774
 Delta R.T. -0.000 min
 Lab File: VY012752.D
 Acq: 02 Mar 2023 11:12

Tgt Ion: 75 Resp: 85202
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.761 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

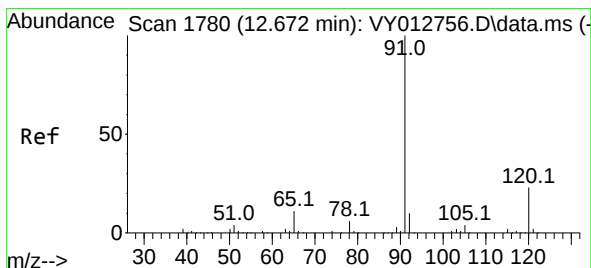
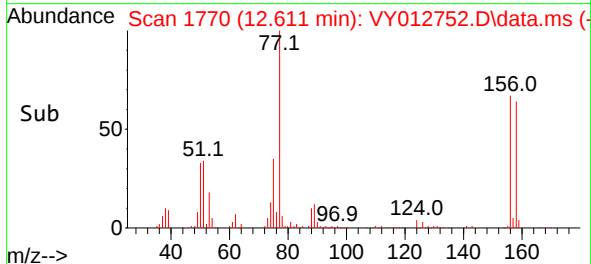
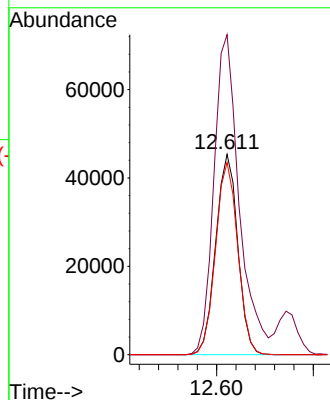
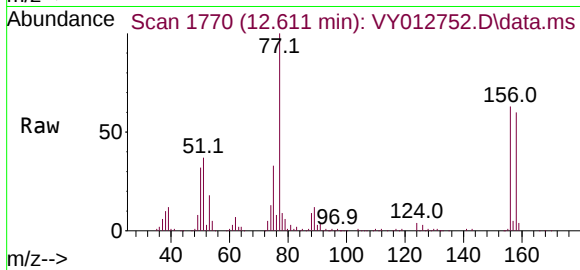
Tgt Ion:156 Resp: 71533

Ion Ratio Lower Upper

156 100

77 183.4 94.0 282.1

158 96.7 48.1 144.4



#78

n-propylbenzene

Concen: 56.878 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012752.D

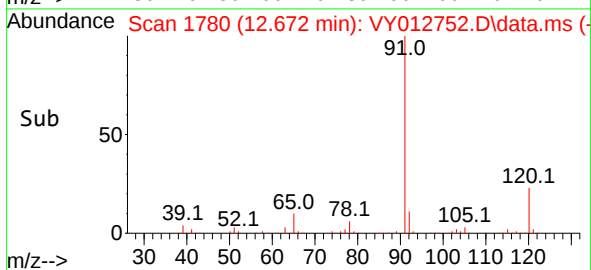
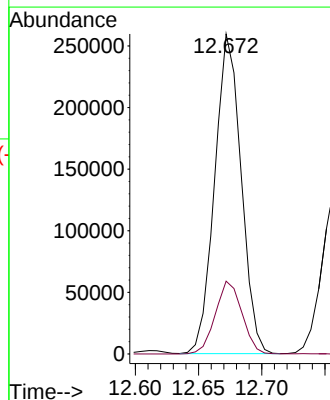
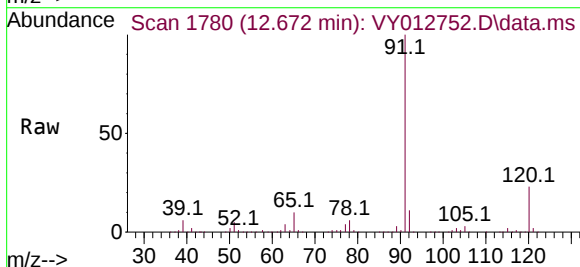
Acq: 02 Mar 2023 11:12

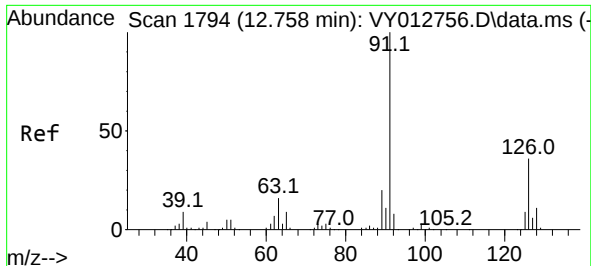
Tgt Ion: 91 Resp: 377067

Ion Ratio Lower Upper

91 100

120 22.9 11.6 34.8

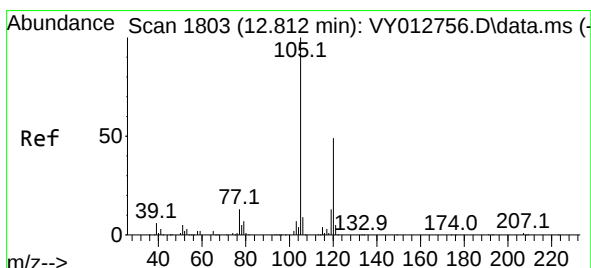
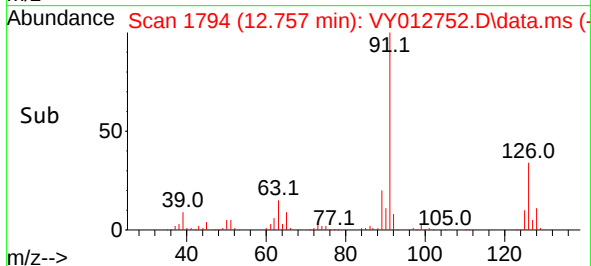
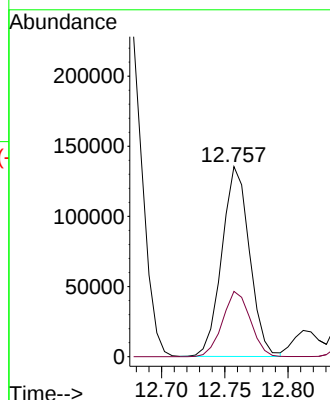
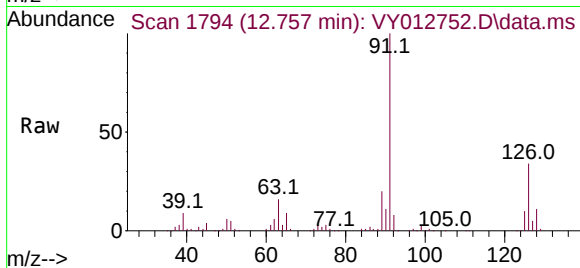




#79
2-Chlorotoluene
Concen: 55.887 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

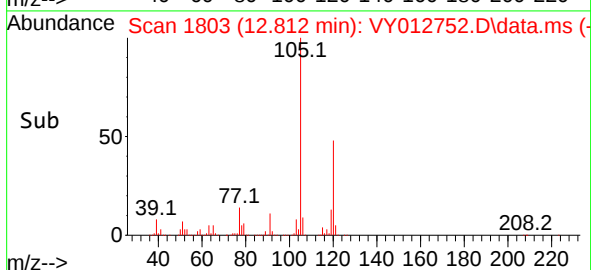
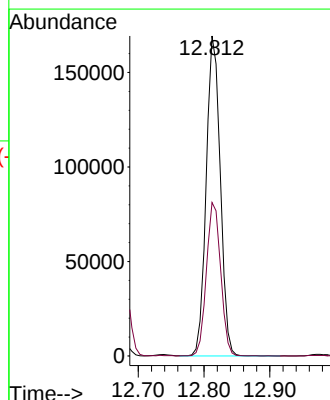
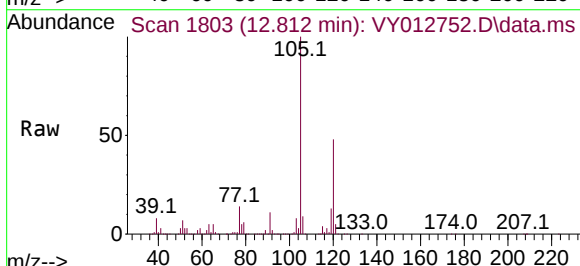
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

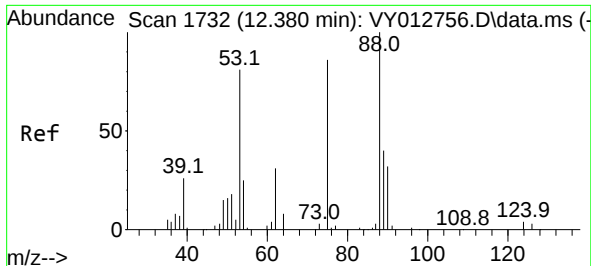
Tgt Ion: 91 Resp: 205917
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 56.825 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion:105 Resp: 252161
Ion Ratio Lower Upper
105 100
120 48.6 24.8 74.4

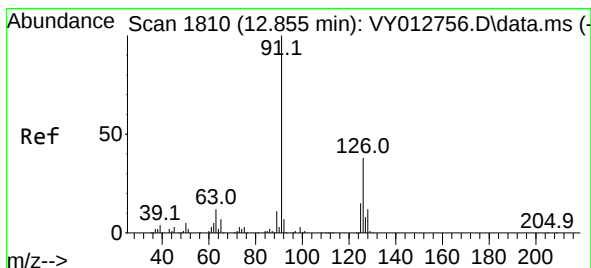
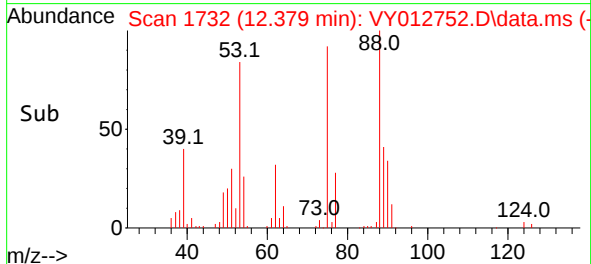
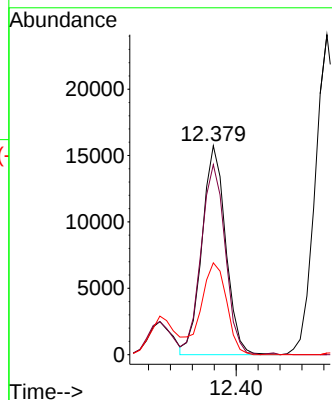
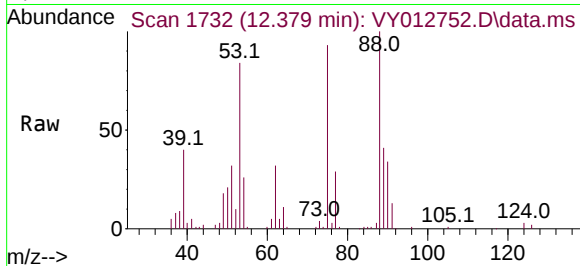




#81
trans-1,4-Dichloro-2-butene
Concen: 54.008 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

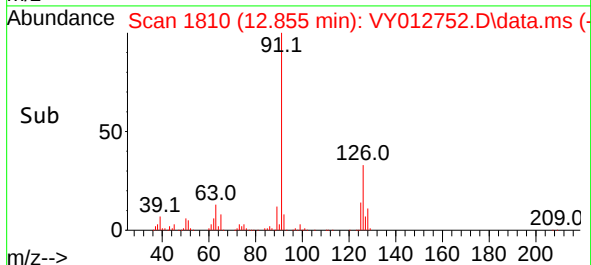
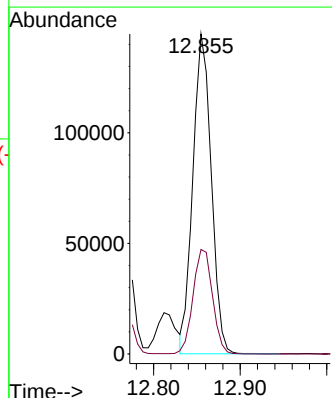
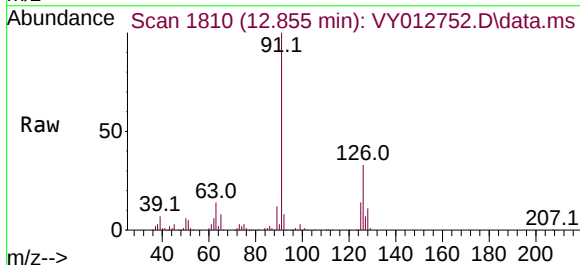
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

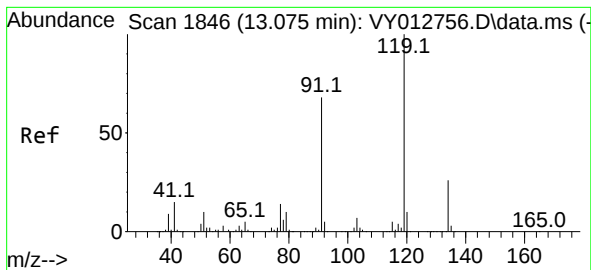
Tgt Ion:	75	Resp:	23616
Ion	Ratio	Lower	Upper
75	100		
53	92.7	73.4	110.0
89	48.1	36.6	55.0



#82
4-Chlorotoluene
Concen: 55.968 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion:	91	Resp:	213464
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.7	53.1





#83

tert-Butylbenzene

Concen: 58.390 ug/l

RT: 13.080 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

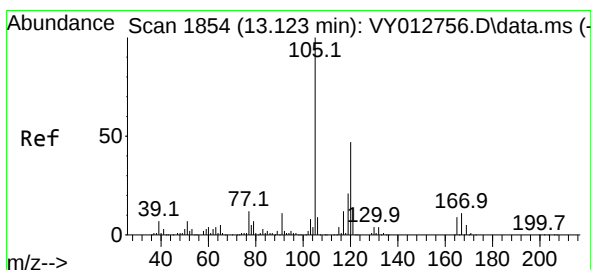
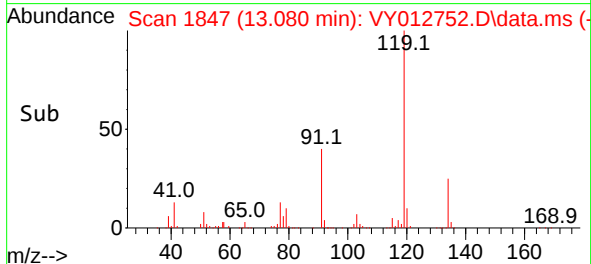
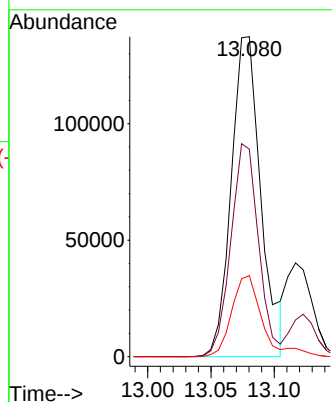
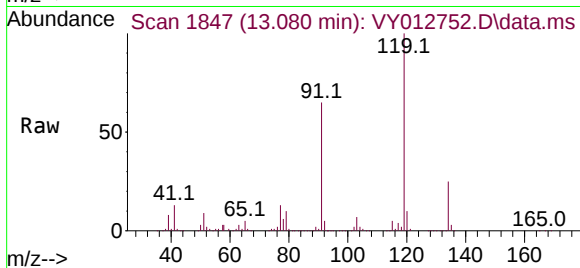
Tgt Ion:119 Resp: 223639

Ion Ratio Lower Upper

119 100

91 62.5 32.8 98.3

134 26.3 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 56.623 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY012752.D

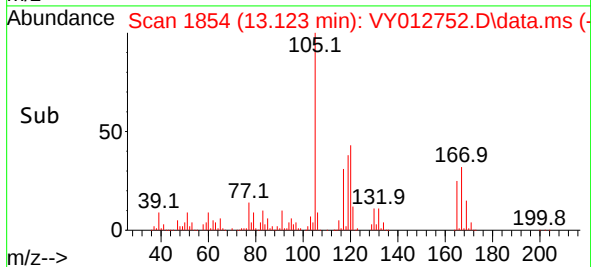
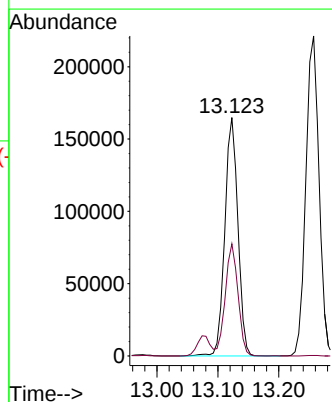
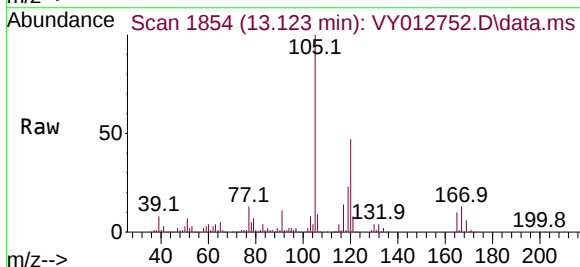
Acq: 02 Mar 2023 11:12

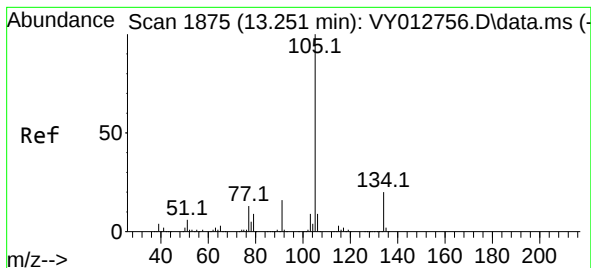
Tgt Ion:105 Resp: 245701

Ion Ratio Lower Upper

105 100

120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 56.769 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

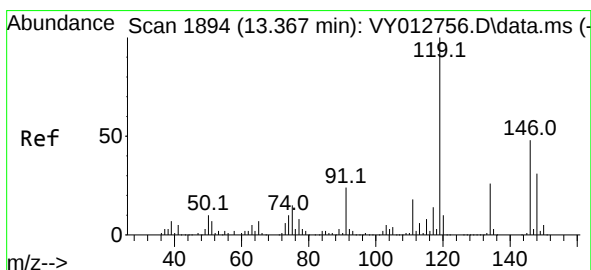
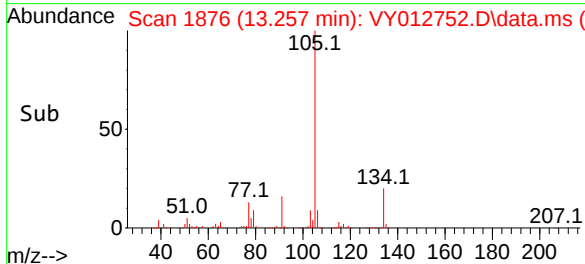
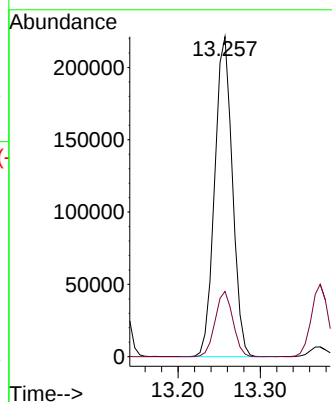
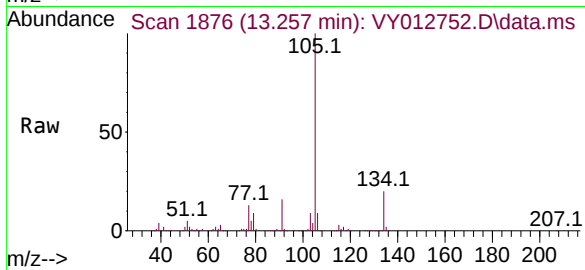
VSTDCCC050

Tgt Ion:105 Resp: 331710

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 56.930 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

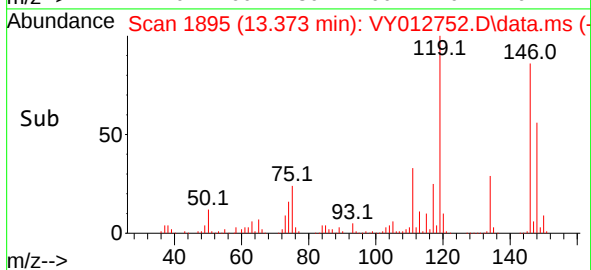
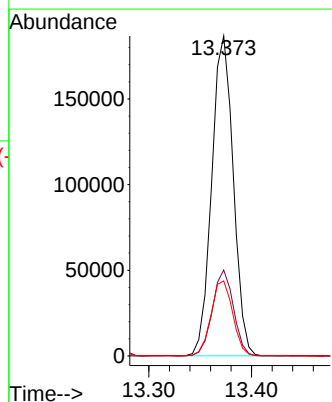
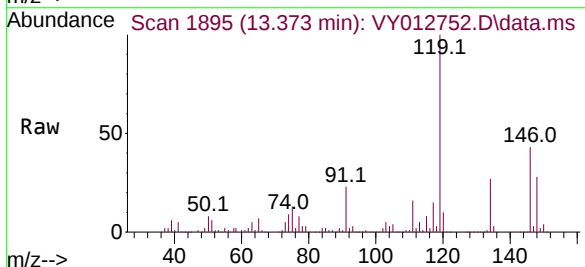
Tgt Ion:119 Resp: 271868

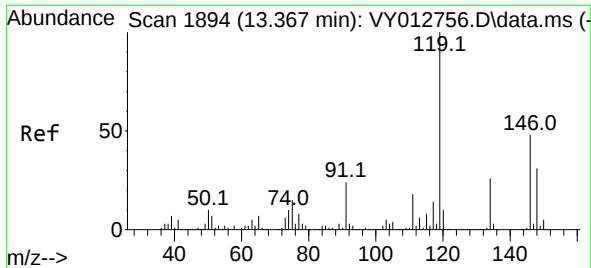
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.6

91 23.7 11.8 35.3

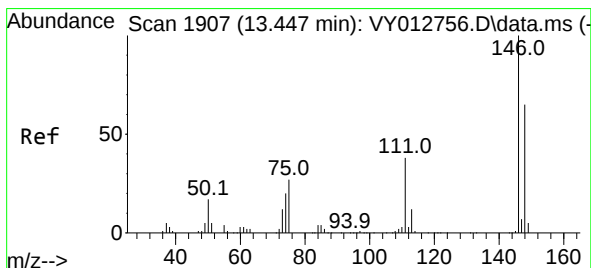
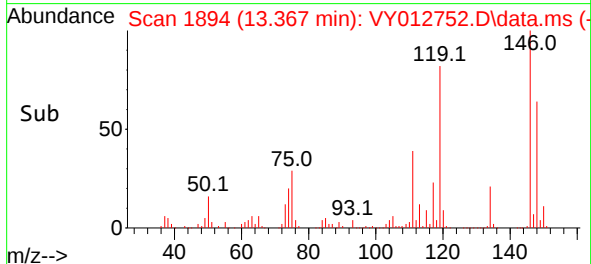
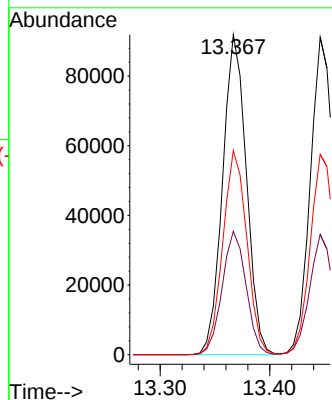
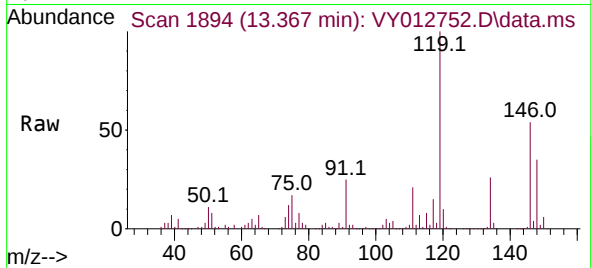




#87
1,3-Dichlorobenzene
Concen: 55.069 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

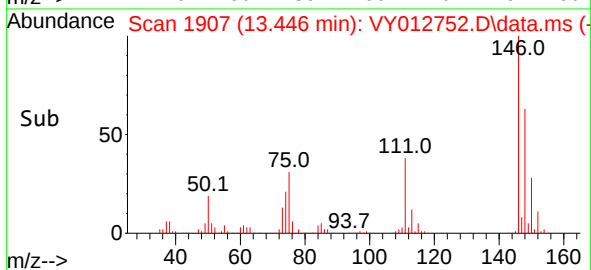
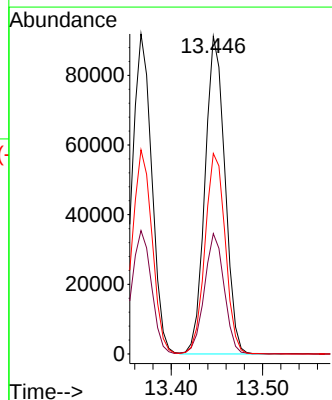
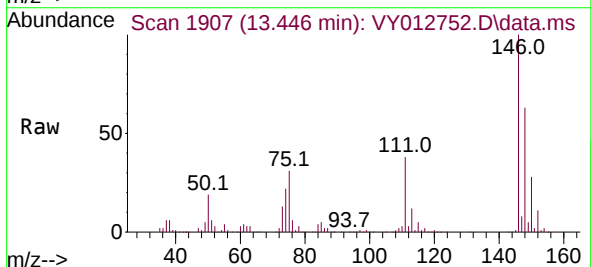
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

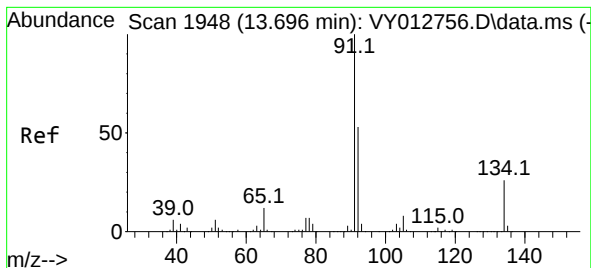
Tgt Ion:146 Resp: 138740
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 64.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 53.836 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion:146 Resp: 138428
Ion Ratio Lower Upper
146 100
111 37.7 18.6 55.8
148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 57.213 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

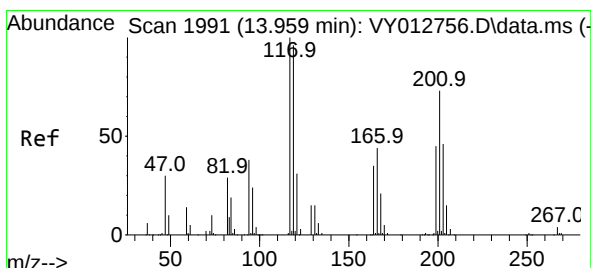
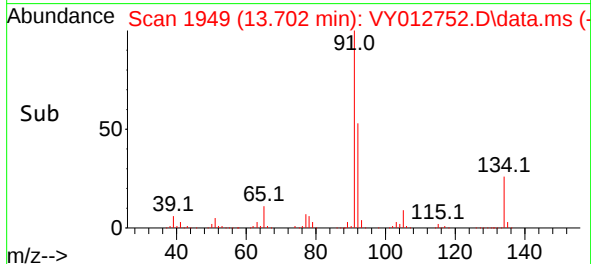
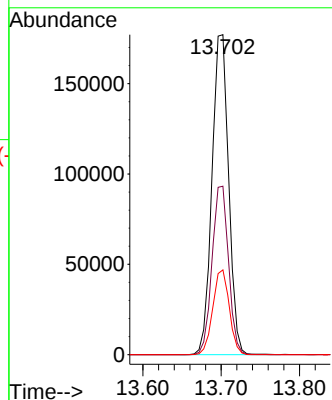
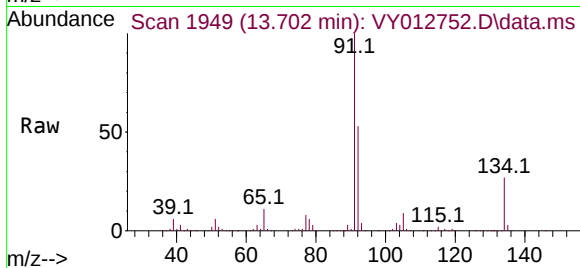
Tgt Ion: 91 Resp: 261558

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.0

134 26.2 13.0 38.9



#90

Hexachloroethane

Concen: 53.466 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012752.D

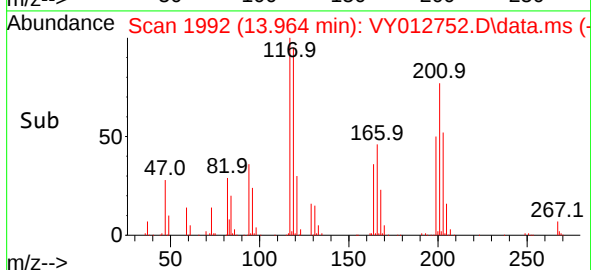
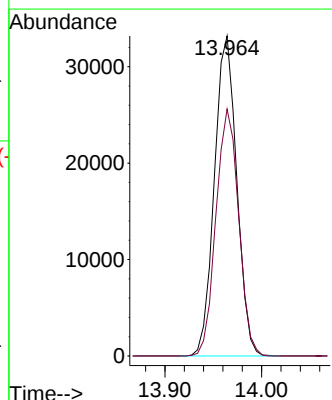
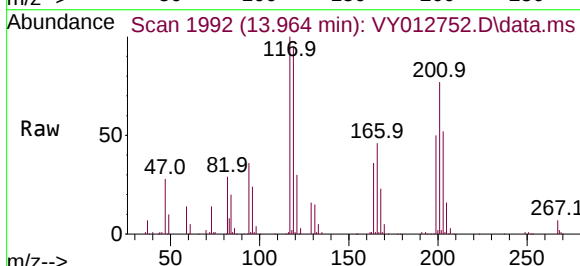
Acq: 02 Mar 2023 11:12

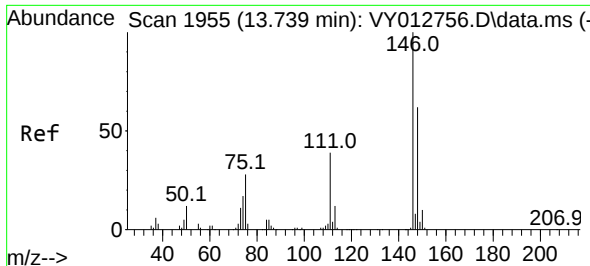
Tgt Ion: 117 Resp: 53179

Ion Ratio Lower Upper

117 100

201 78.3 39.4 118.1

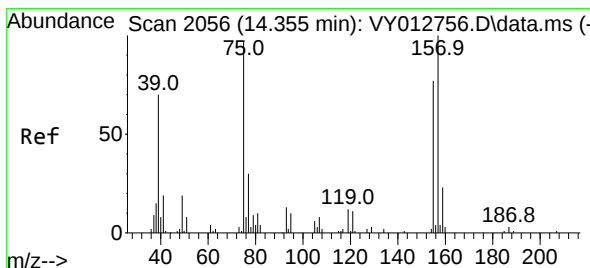
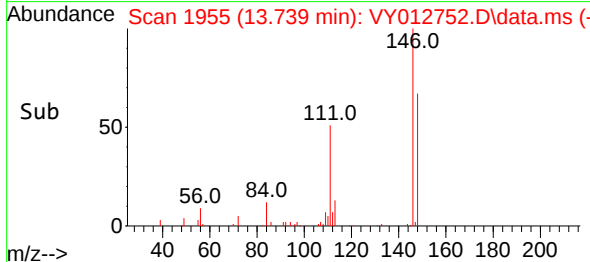
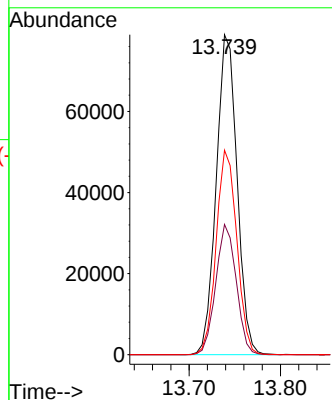
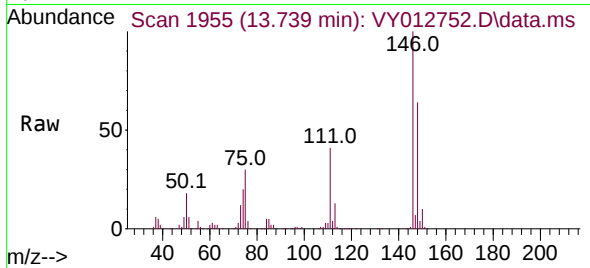




#91
1,2-Dichlorobenzene
Concen: 54.930 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

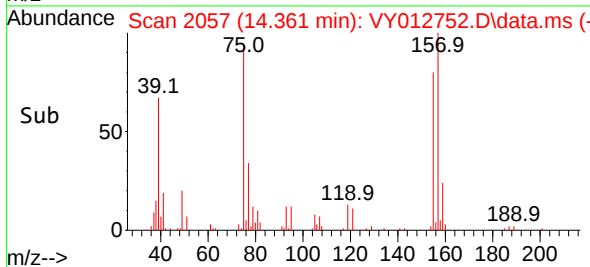
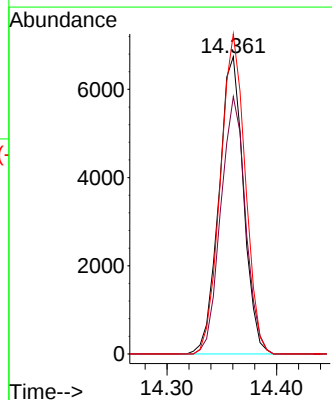
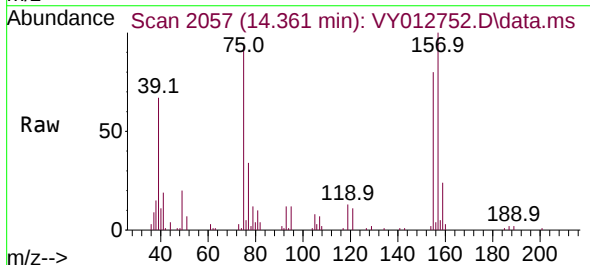
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

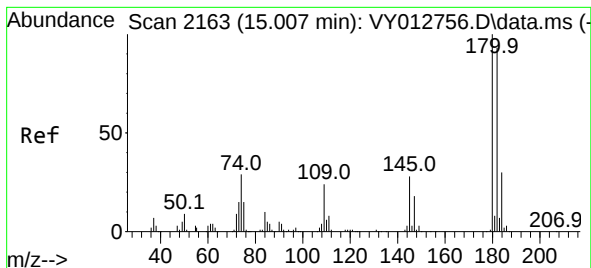
Tgt Ion:146 Resp: 125098
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.1
148 63.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.817 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012752.D
Acq: 02 Mar 2023 11:12

Tgt Ion: 75 Resp: 10513
Ion Ratio Lower Upper
75 100
155 86.8 43.8 131.4
157 108.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 56.064 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

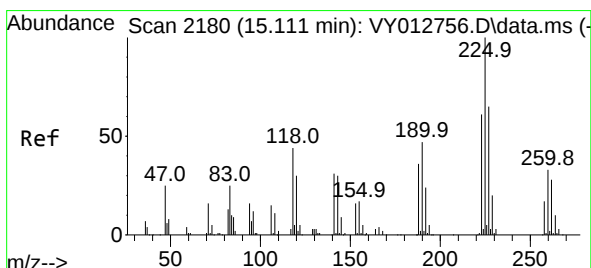
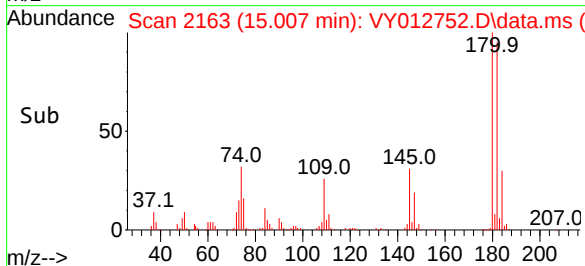
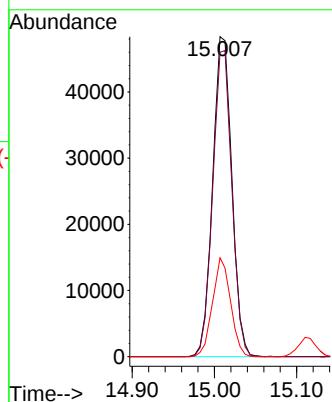
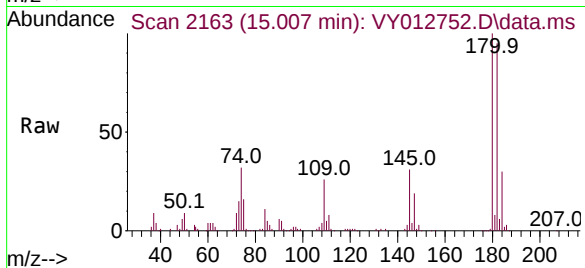
Tgt Ion:180 Resp: 78614

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 53.977 ug/l

RT: 15.116 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

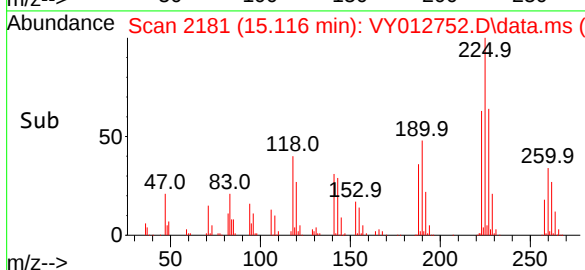
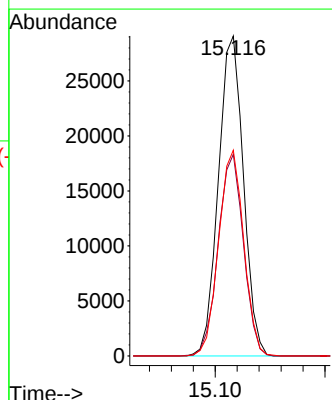
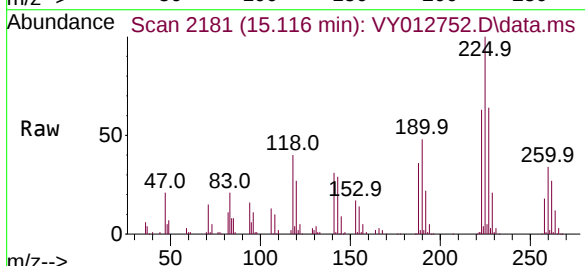
Tgt Ion:225 Resp: 46164

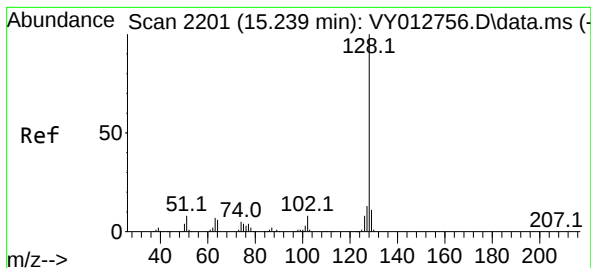
Ion Ratio Lower Upper

225 100

223 63.3 31.1 93.3

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 57.340 ug/l

RT: 15.238 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

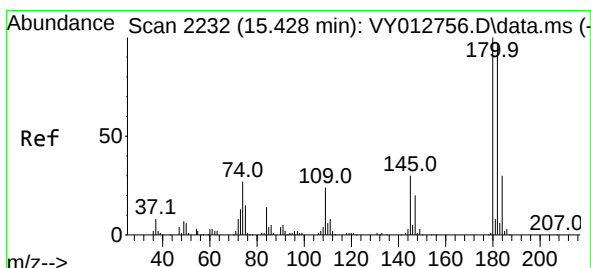
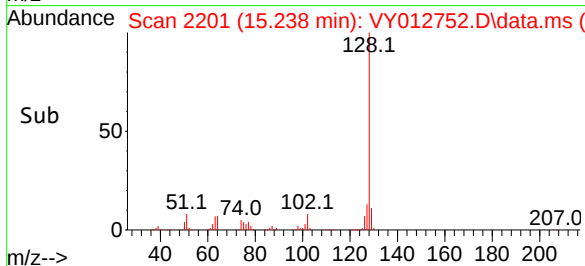
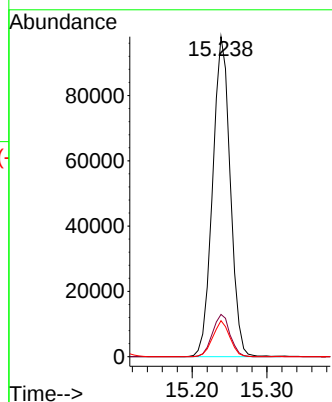
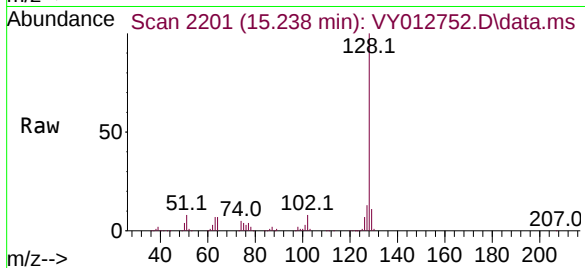
Tgt Ion:128 Resp: 161121

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.300 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012752.D

Acq: 02 Mar 2023 11:12

Tgt Ion:180 Resp: 68964

Ion Ratio Lower Upper

180 100

182 95.8 47.4 142.3

145 31.2 15.3 45.8

