

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081022\
 Data File : VV027251.D
 Acq On : 10 Aug 2022 11:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050334

Quant Time: Aug 11 03:53:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	473904	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	447565	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	244337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	154022	47.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.340%
7) Chloroethane-d5	1.555	69	111813	47.338	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.680%
11) 1,1-Dichloroethene-d2	2.101	63	269873	45.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.320%
21) 2-Butanone-d5	3.867	46	231068	80.345	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.340%
24) Chloroform-d	4.339	84	282083	42.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.240%
26) 1,2-Dichloroethane-d4	5.024	65	179910	43.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
32) Benzene-d6	5.043	84	574567	53.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.060%
36) 1,2-Dichloropropane-d6	6.063	67	182722	47.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	7.310	98	539650	58.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.980%
43) trans-1,3-Dichloroprop...	7.619	79	87468	52.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.120%
47) 2-Hexanone-d5	8.085	63	169913	92.402	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	254288	40.871	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.740%
66) 1,2-Dichlorobenzene-d4	11.622	152	194698	46.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	172922	41.018	ug/L	100
3) Chloromethane	1.236	50	200421	41.614	ug/L	98
5) Vinyl chloride	1.307	62	188759	39.343	ug/L	100
6) Bromomethane	1.507	94	87910	38.868	ug/L	98
8) Chloroethane	1.574	64	111414	41.684	ug/L	99
9) Trichlorofluoromethane	1.744	101	246081	39.974	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	143302	41.980	ug/L	98
12) 1,1-Dichloroethene	2.111	96	131028	39.903	ug/L	89
13) Acetone	2.156	43	181489	81.840	ug/L	90
14) Carbon disulfide	2.285	76	448905	40.168	ug/L	98
15) Methyl Acetate	2.420	43	222164	44.046	ug/L #	83
16) Methylene chloride	2.497	84	184165	41.987	ug/L	85
17) trans-1,2-Dichloroethene	2.751	96	164035	45.142	ug/L	91
18) Methyl tert-butyl Ether	2.764	73	542642	50.210	ug/L #	96
19) 1,1-Dichloroethane	3.178	63	319643	43.819	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	179969	47.676	ug/L	87
22) 2-Butanone	3.950	43	305292	100.416	ug/L	98
23) Bromochloromethane	4.236	128	91216	43.272	ug/L	86
25) Chloroform	4.365	83	326059	44.229	ug/L	98

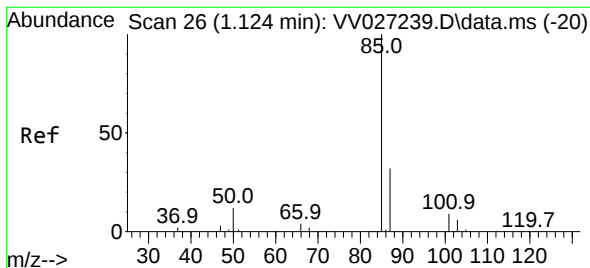
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 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 02:29:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	243521	42.414	ug/L	96
29) Cyclohexane	4.670	56	270864	52.549	ug/L	91
30) 1,1,1-Trichloroethane	4.600	97	277264	46.739	ug/L	97
31) Carbon tetrachloride	4.818	117	239087	46.421	ug/L	100
33) Benzene	5.092	78	696015	48.393	ug/L	100
34) Trichloroethene	5.908	95	177749	48.266	ug/L	97
35) Methylcyclohexane	6.124	83	292894	54.088	ug/L	94
37) 1,2-Dichloropropane	6.165	63	192184	47.696	ug/L	99
38) Bromodichloromethane	6.503	83	247630	46.904	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	286743	53.725	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	597307	103.912	ug/L #	92
42) Toluene	7.384	91	755603	51.671	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	278668	53.130	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	181106	46.635	ug/L	97
46) Tetrachloroethene	7.972	164	134408	49.865	ug/L	98
48) 2-Hexanone	8.133	43	467073	102.024	ug/L #	91
49) Dibromochloromethane	8.243	129	193640	47.170	ug/L	98
50) 1,2-Dibromoethane	8.349	107	192827	48.255	ug/L	99
51) Chlorobenzene	8.879	112	485495	49.497	ug/L	96
52) Ethylbenzene	9.008	91	803285	53.235	ug/L	99
53) m,p-Xylene	9.136	106	312959	54.879	ug/L	98
54) o-Xylene	9.542	106	304371	54.784	ug/L	98
55) Styrene	9.558	104	539139	55.087	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	309877	47.630	ug/L	99
59) Bromoform	9.728	173	133213	45.888	ug/L	100
60) Isopropylbenzene	9.927	105	804595	52.253	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	246330	43.914	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	689156	54.195	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	691699	55.526	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	377119	50.533	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	380566	48.455	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	382964	48.976	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	69055	43.880	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	273868	54.638	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	234841	56.410	ug/L	99
71) Naphthalene	13.500	128	782676	54.905	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	251872	54.584	ug/L	98

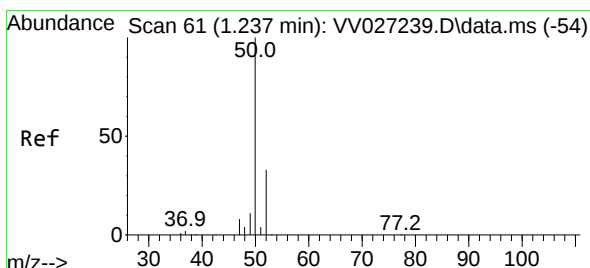
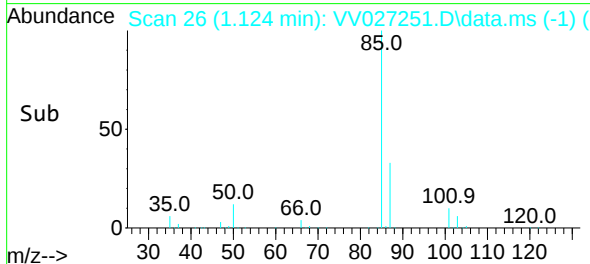
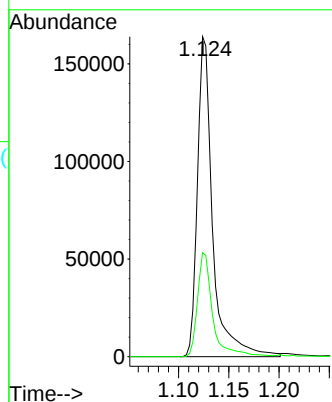
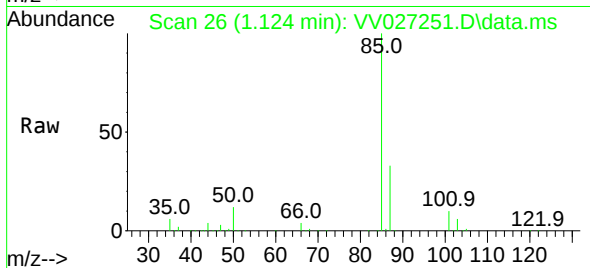
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#2
 Dichlorodifluoromethane
 Concen: 41.018 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

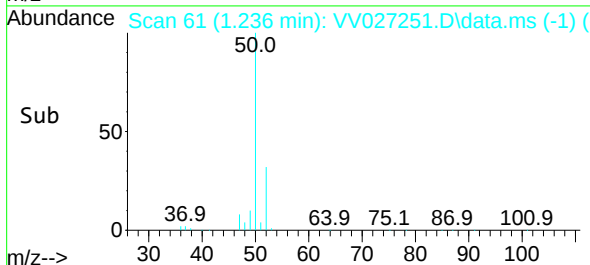
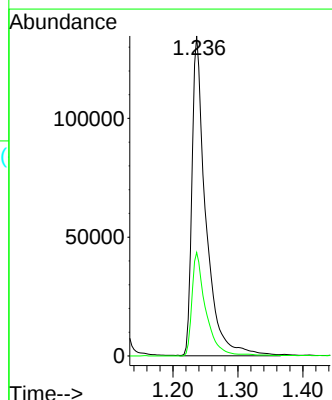
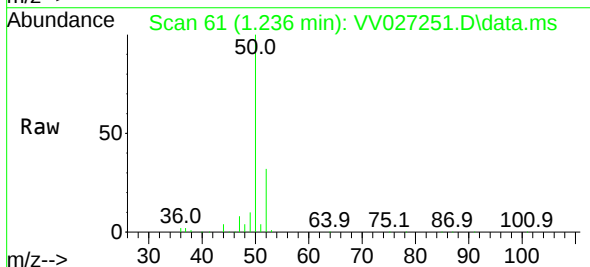
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050334

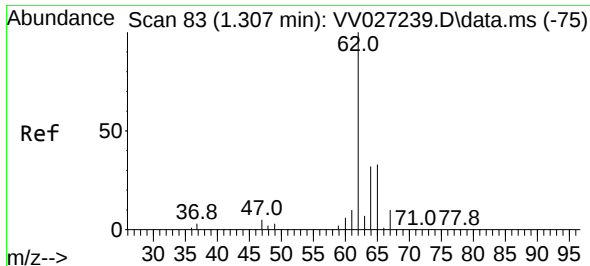
Tgt Ion: 85 Resp: 172922
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.1 39.1



#3
 Chloromethane
 Concen: 41.614 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

Tgt Ion: 50 Resp: 200421
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.5 43.7

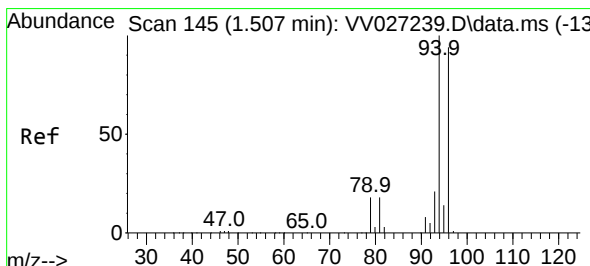
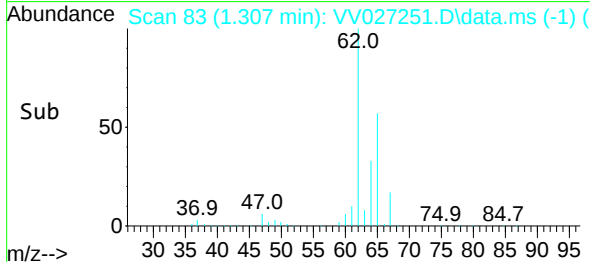
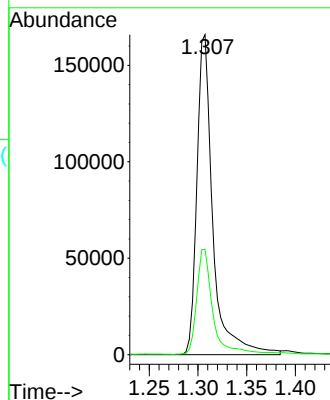
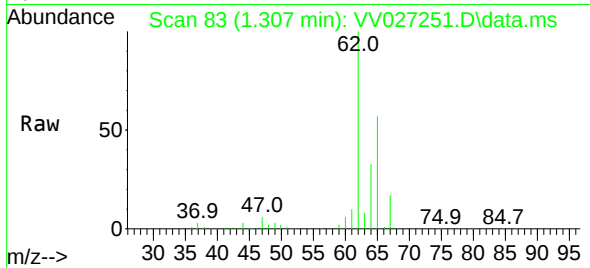




#5
 Vinyl chloride
 Concen: 39.343 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

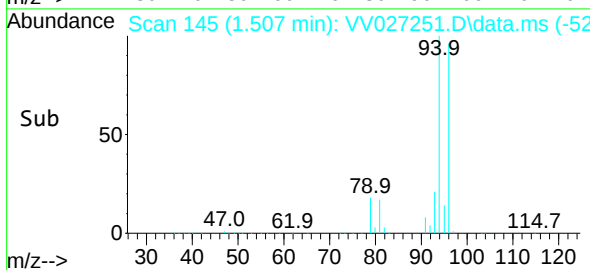
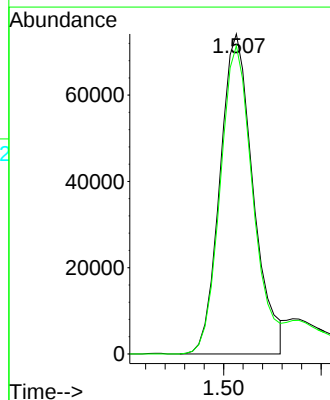
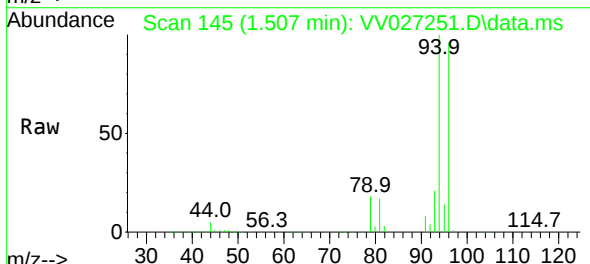
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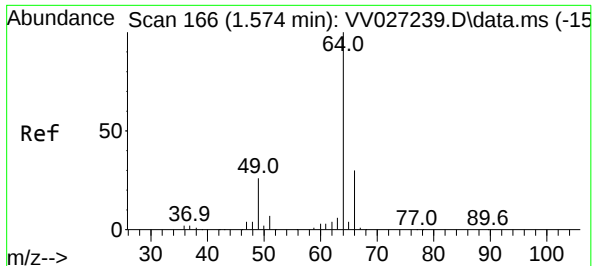
Tgt Ion: 62 Resp: 188759
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.2



#6
 Bromomethane
 Concen: 38.868 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

Tgt Ion: 94 Resp: 87910
 Ion Ratio Lower Upper
 94 100
 96 96.3 66.1 122.8

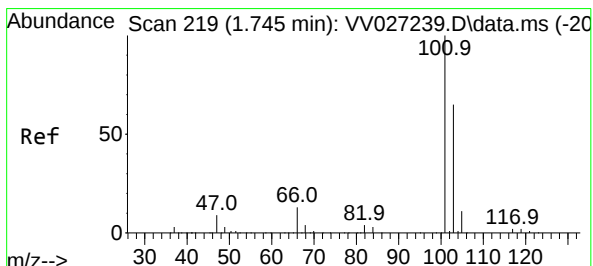
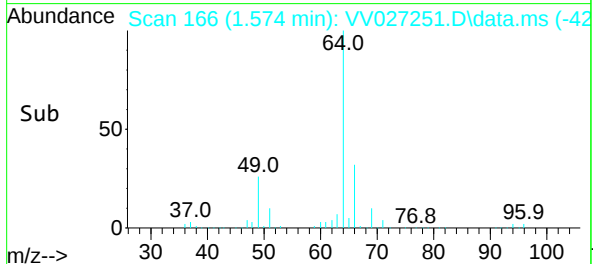
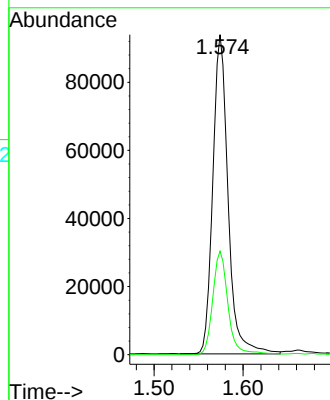
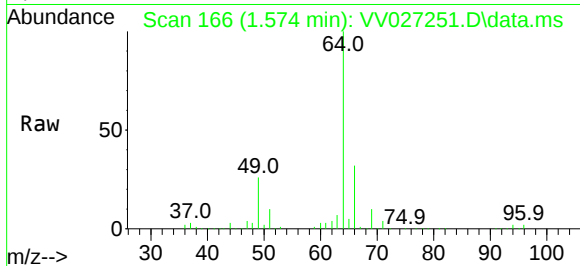




#8
Chloroethane
Concen: 41.684 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

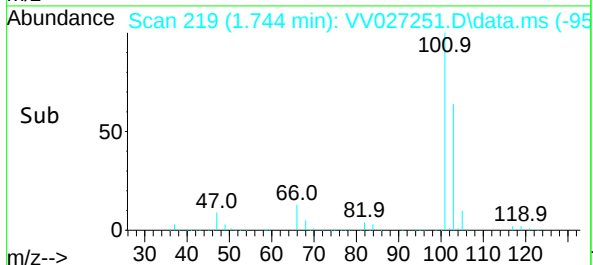
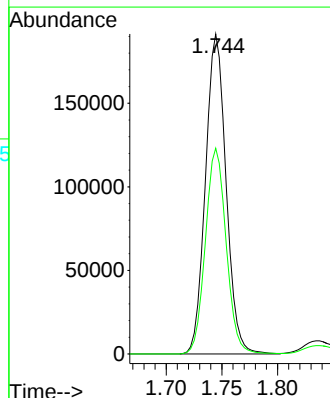
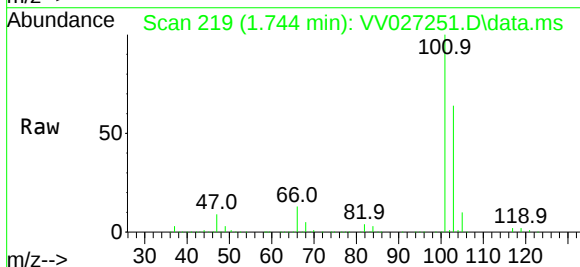
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MSVOA_V
ClientSampleId :
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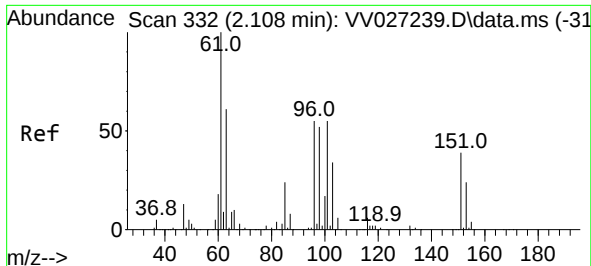
Tgt Ion: 64 Resp: 111414
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 39.974 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion:101 Resp: 246081
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 41.980 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050334

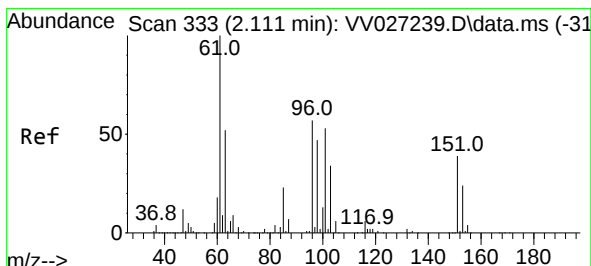
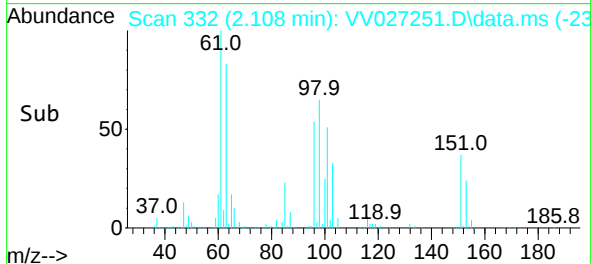
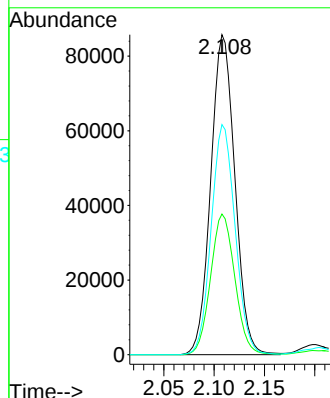
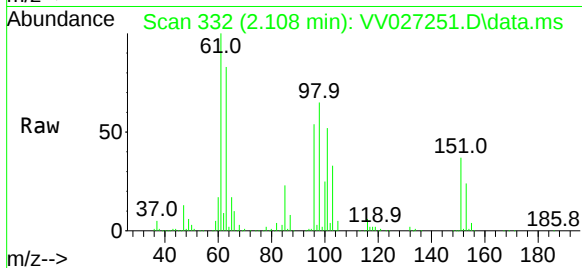
Tgt Ion:101 Resp: 143302

Ion Ratio Lower Upper

101 100

85 44.2 34.1 51.1

151 71.4 57.8 86.8



#12

1,1-Dichloroethene

Concen: 39.903 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

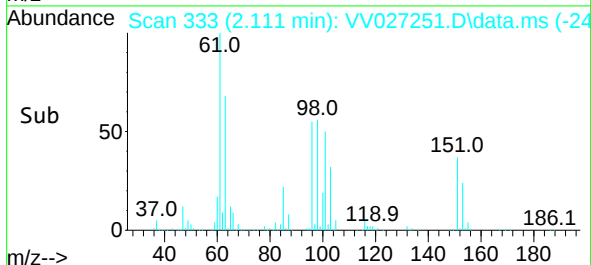
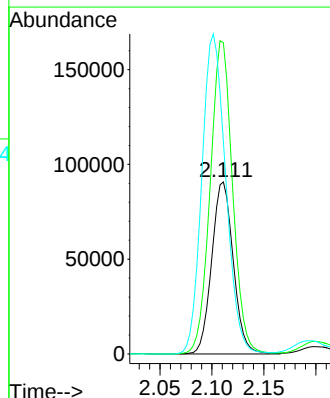
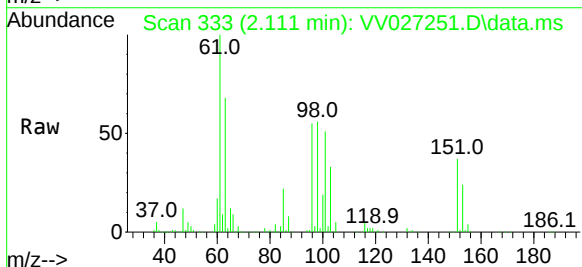
Tgt Ion: 96 Resp: 131028

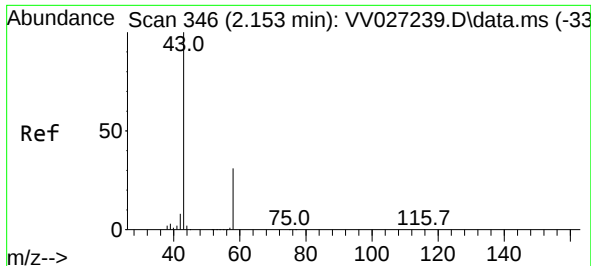
Ion Ratio Lower Upper

96 100

61 180.9 114.3 212.3

63 123.5 93.4 173.4





#13

Acetone

Concen: 81.840 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV027251.D

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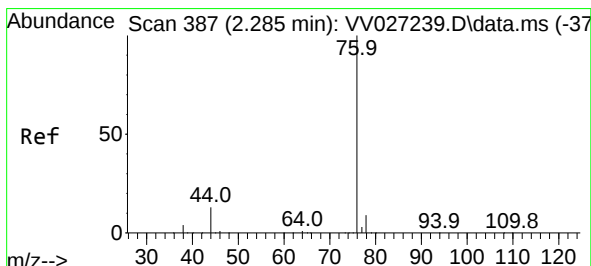
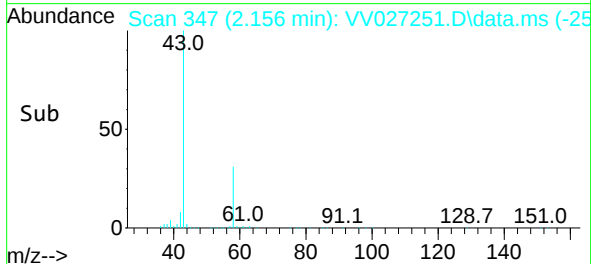
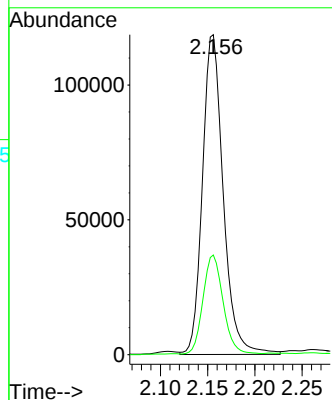
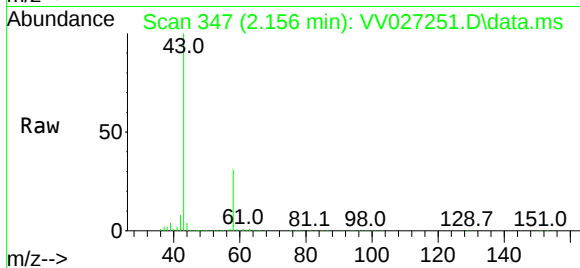
VSTD050334

Tgt Ion: 43 Resp: 181489

Ion Ratio Lower Upper

43 100

58 29.9 0.0 49.6



#14

Carbon disulfide

Concen: 40.168 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.000 min

Lab File: VV027251.D

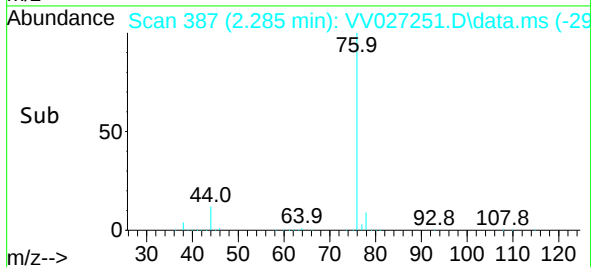
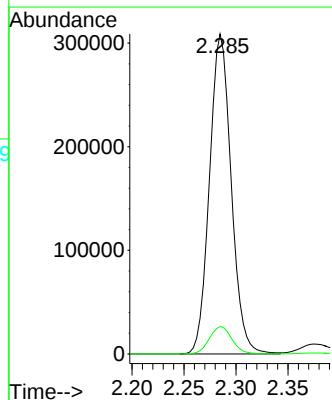
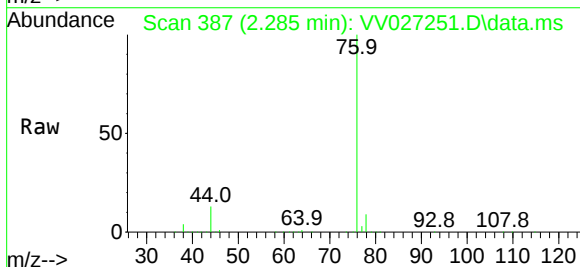
Acq: 10 Aug 2022 11:09

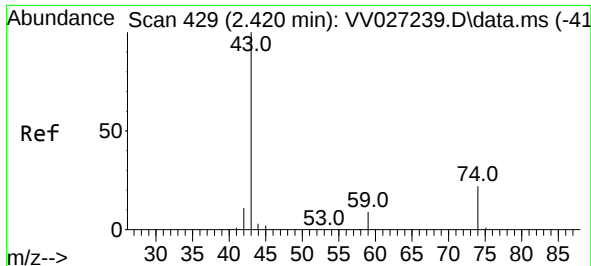
Tgt Ion: 76 Resp: 448905

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9

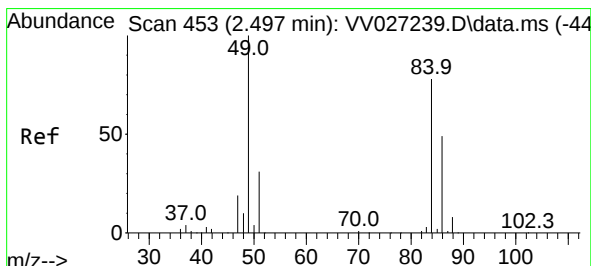
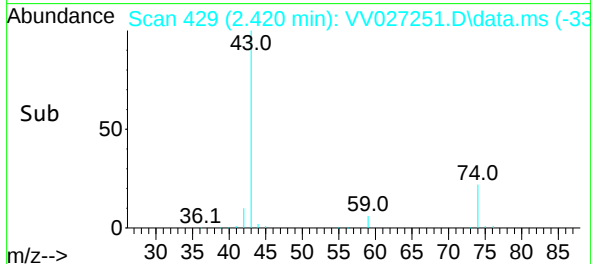
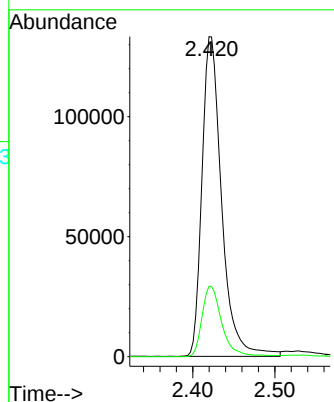
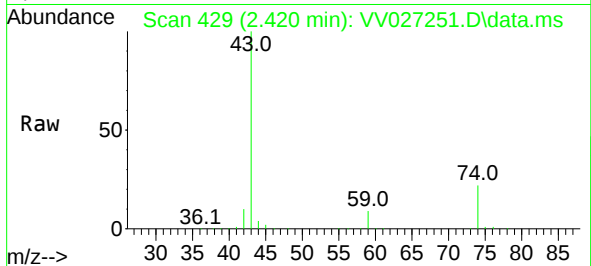




#15
Methyl Acetate
Concen: 44.046 ug/L
RT: 2.420 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

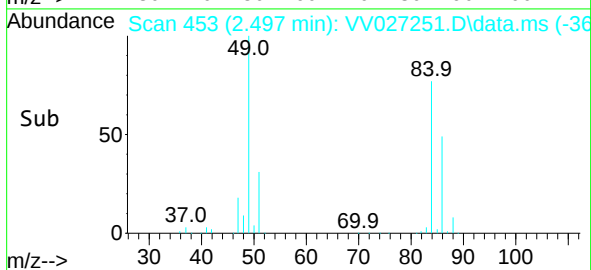
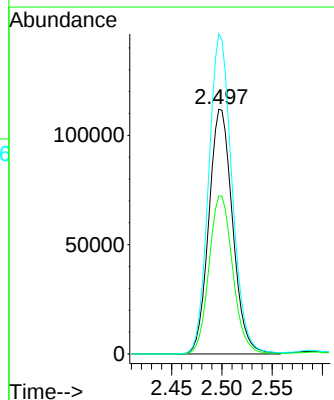
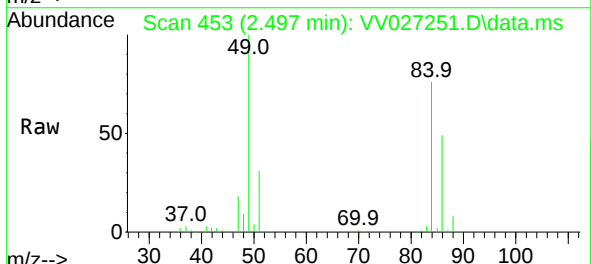
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

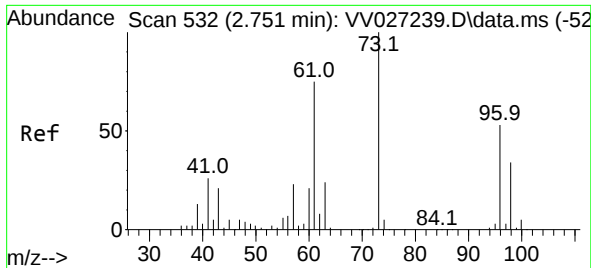
Tgt Ion: 43 Resp: 222164
Ion Ratio Lower Upper
43 100
74 22.3 25.5 38.3#



#16
Methylene chloride
Concen: 41.987 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 84 Resp: 184165
Ion Ratio Lower Upper
84 100
86 64.6 45.0 83.6
49 130.8 74.1 137.7



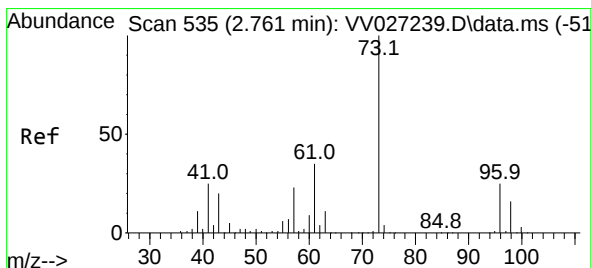
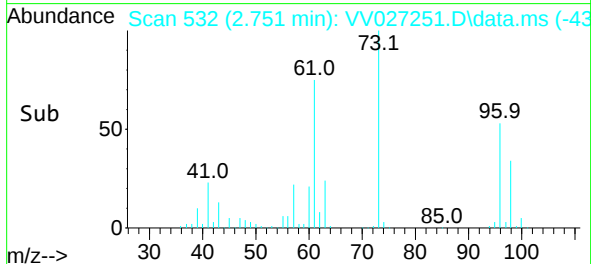
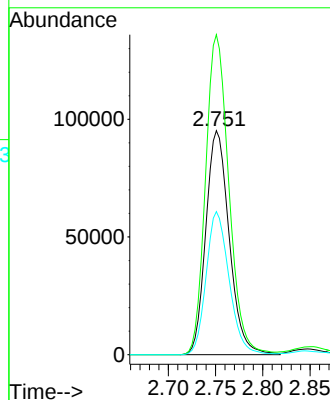
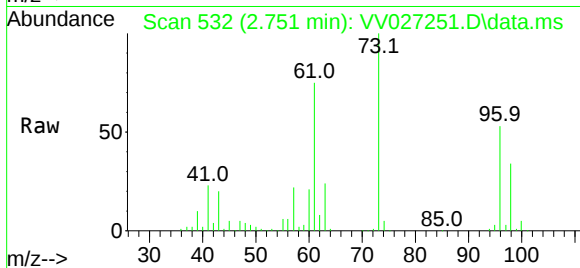


#17
 trans-1,2-Dichloroethene
 Concen: 45.142 ug/L
 RT: 2.751 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050334

Tgt Ion: 96 Resp: 164035

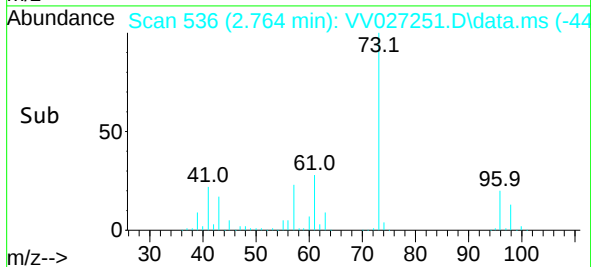
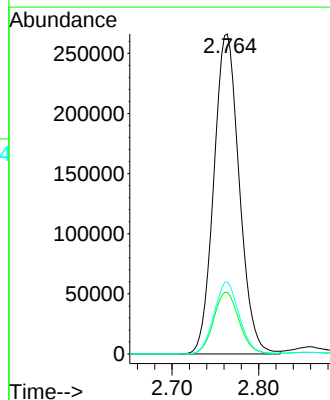
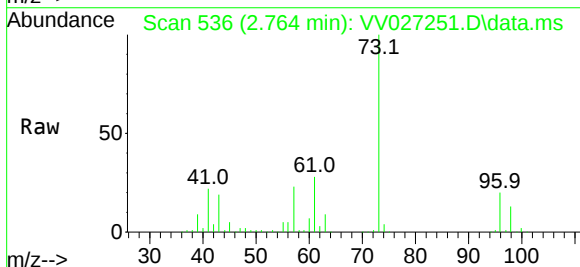
Ion	Ratio	Lower	Upper
96	100		
61	142.9	89.2	165.6
98	63.8	44.6	82.8

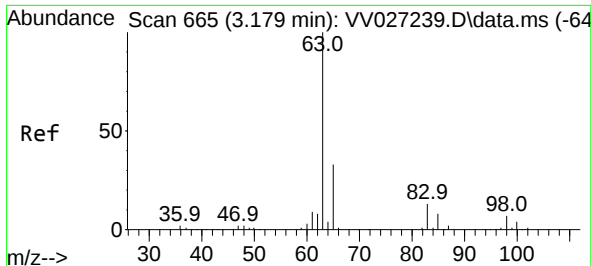


#18
 Methyl tert-butyl Ether
 Concen: 50.210 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.003 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

Tgt Ion: 73 Resp: 542642

Ion	Ratio	Lower	Upper
73	100		
43	19.2	12.6	18.8
57	22.4	17.3	25.9





#19

1,1-Dichloroethane

Concen: 43.819 ug/L

RT: 3.178 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050334

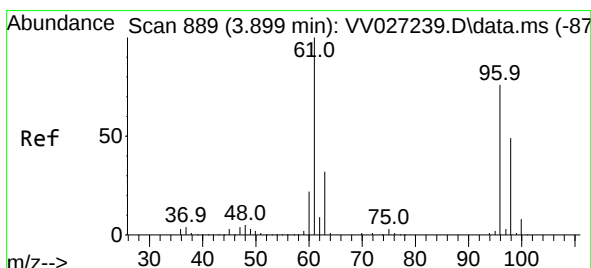
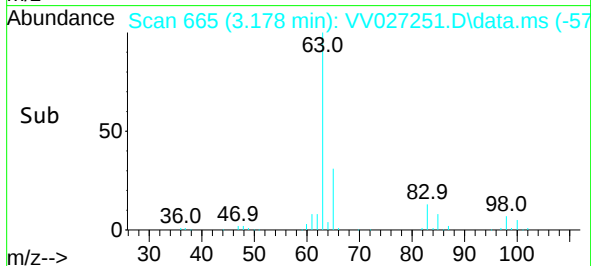
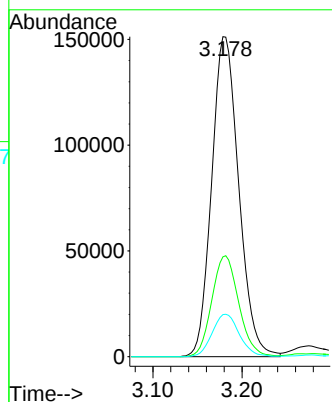
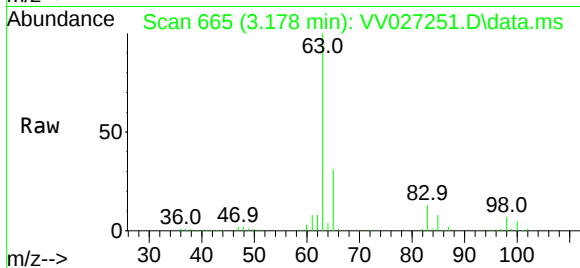
Tgt Ion: 63 Resp: 319643

Ion Ratio Lower Upper

63 100

65 31.2 22.7 42.3

83 13.1 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 47.676 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

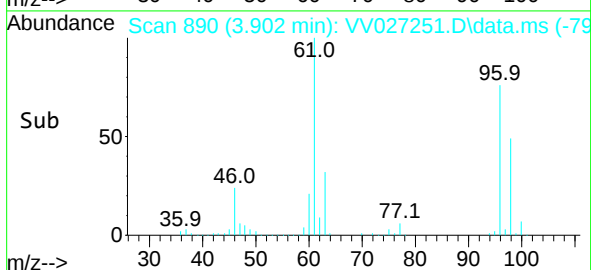
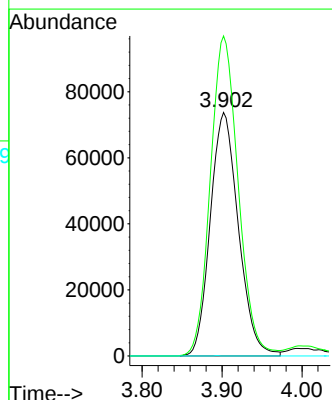
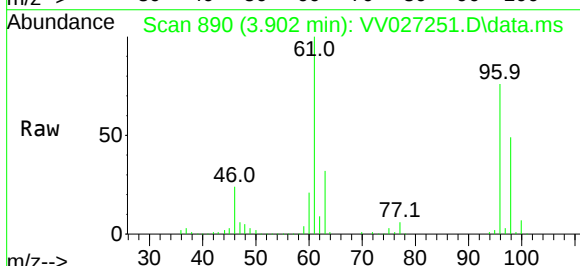
Tgt Ion: 96 Resp: 179969

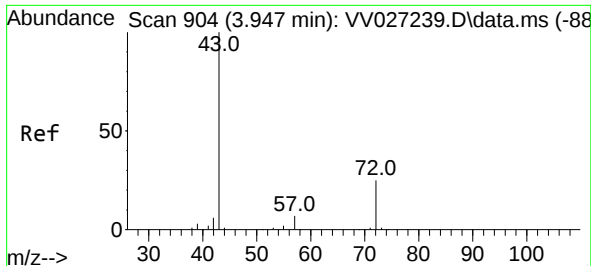
Ion Ratio Lower Upper

96 100

61 131.4 81.8 151.8

68 0.0 0.0 0.0

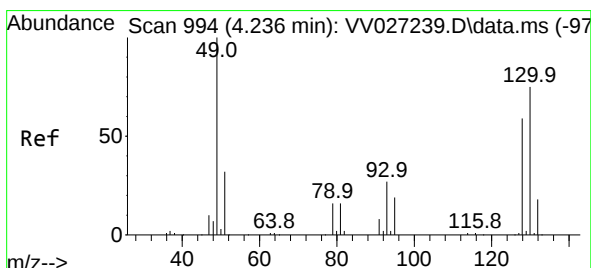
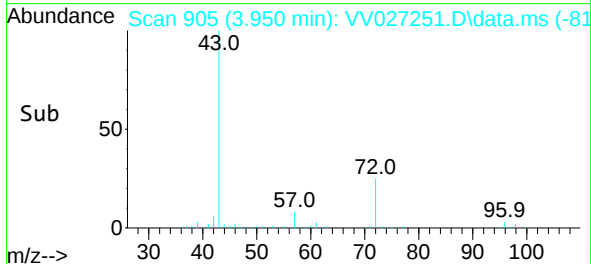
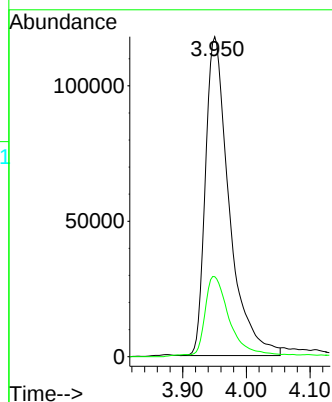
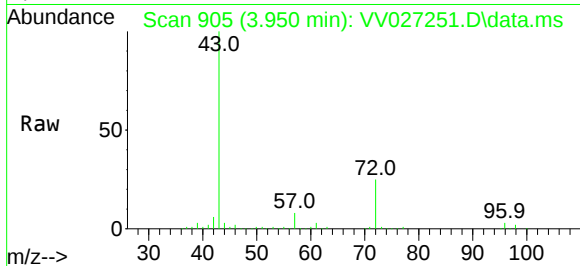




#22
2-Butanone
Concen: 100.416 ug/L
RT: 3.950 min Scan# 904
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

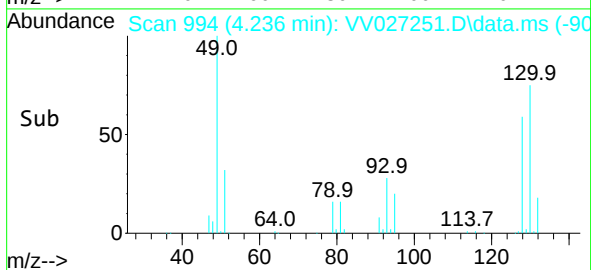
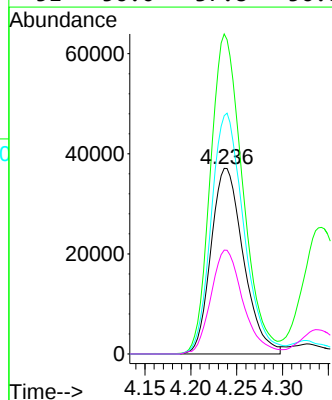
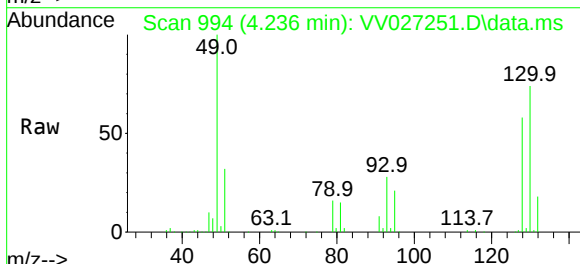
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

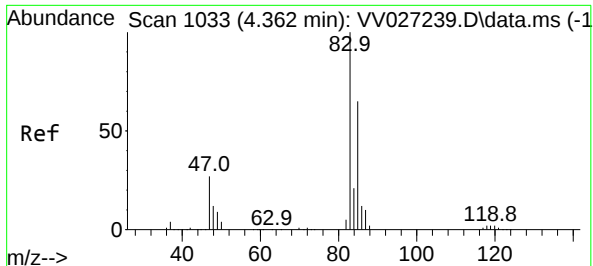
Tgt Ion: 43 Resp: 305292
Ion Ratio Lower Upper
43 100
72 24.8 11.9 35.7



#23
Bromochloromethane
Concen: 43.272 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 128 Resp: 91216
Ion Ratio Lower Upper
128 100
49 172.4 98.7 183.3
130 128.4 89.5 166.1
51 56.0 37.8 56.8





#25

Chloroform

Concen: 44.229 ug/L

RT: 4.365 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

Instrument :

MSVOA_V

ClientSampleId :

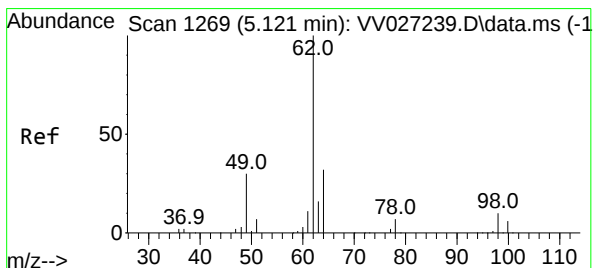
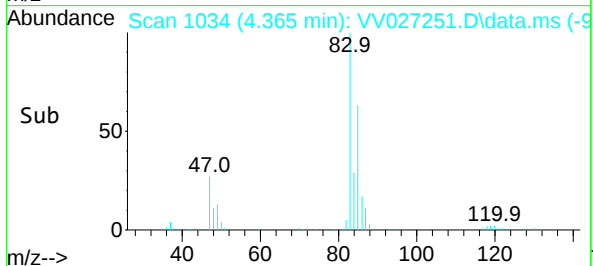
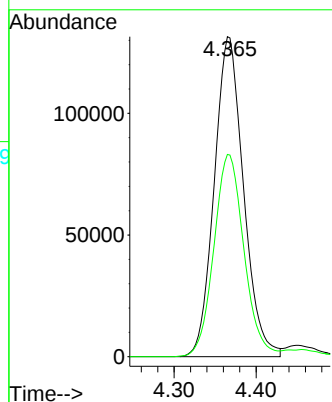
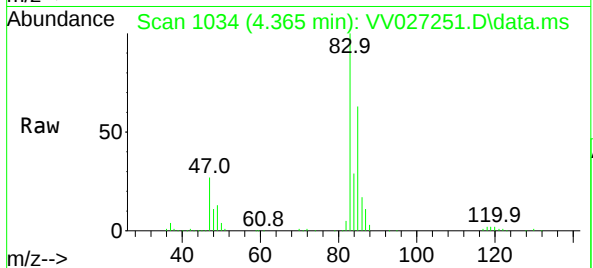
VSTD050334

Tgt Ion: 83 Resp: 326059

Ion Ratio Lower Upper

83 100

85 63.2 45.4 84.4



#27

1,2-Dichloroethane

Concen: 42.414 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. 0.003 min

Lab File: VV027251.D

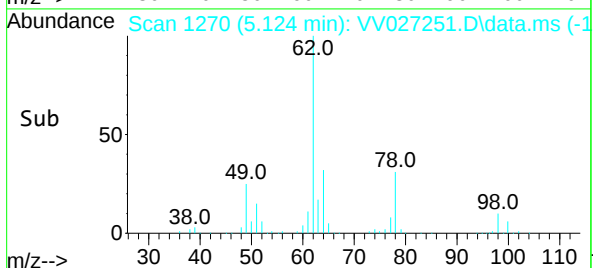
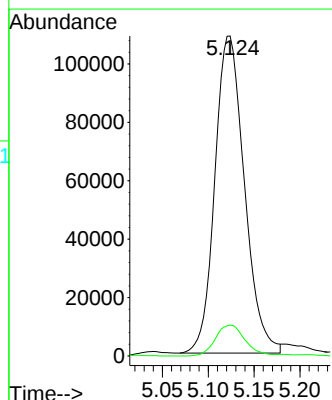
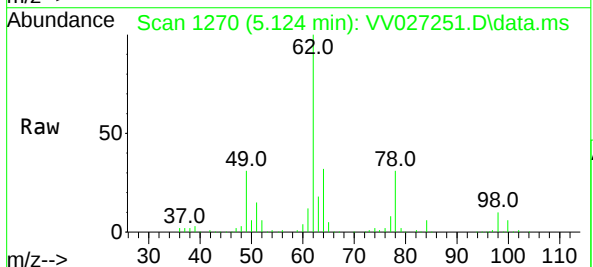
Acq: 10 Aug 2022 11:09

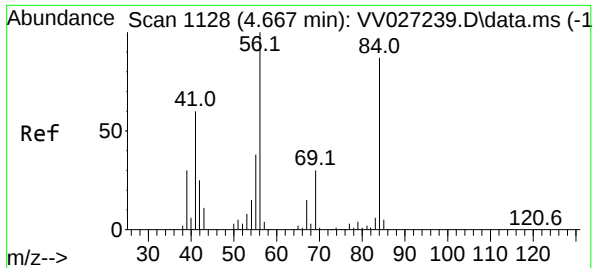
Tgt Ion: 62 Resp: 243521

Ion Ratio Lower Upper

62 100

98 9.6 9.0 13.6

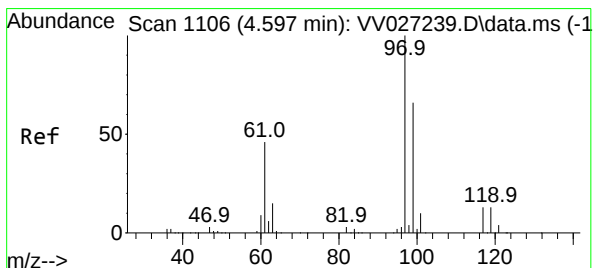
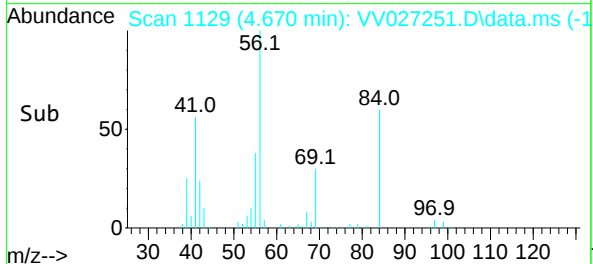
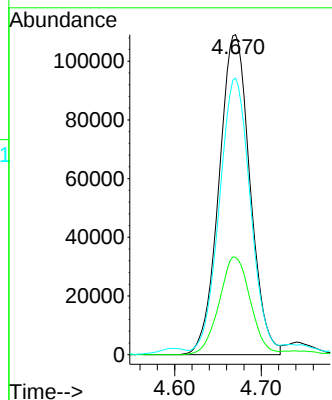
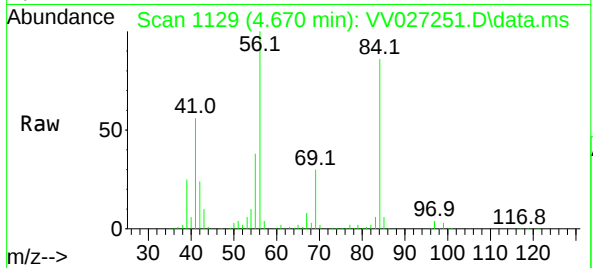




#29
Cyclohexane
Concen: 52.549 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

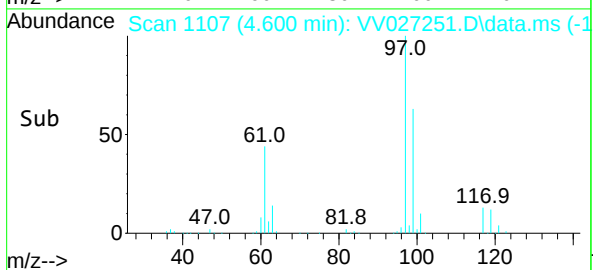
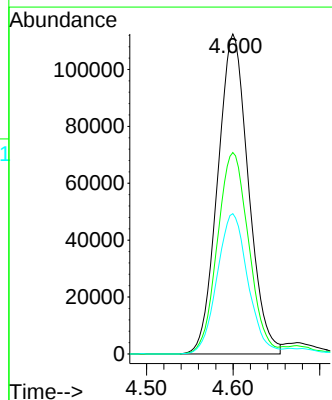
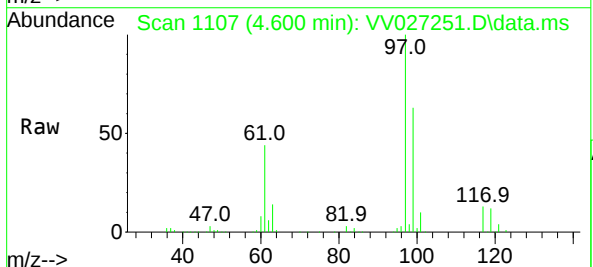
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

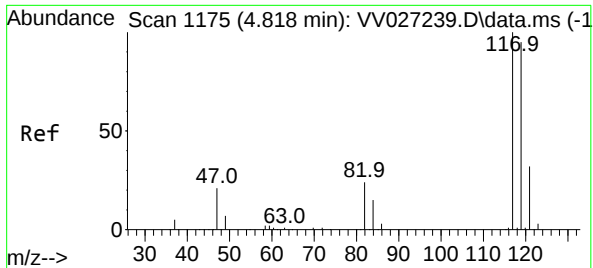
Tgt Ion: 56 Resp: 270864
Ion Ratio Lower Upper
56 100
69 30.8 25.9 38.9
84 83.7 75.3 112.9



#30
1,1,1-Trichloroethane
Concen: 46.739 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 97 Resp: 277264
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 43.9 32.1 48.1

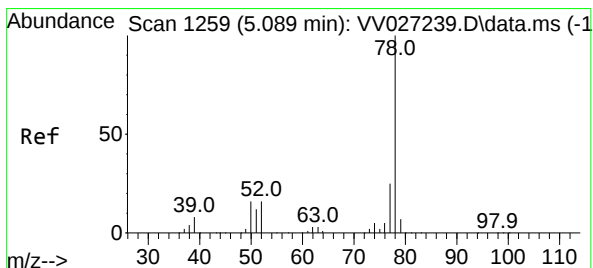
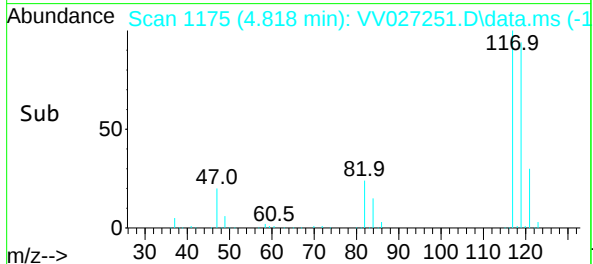
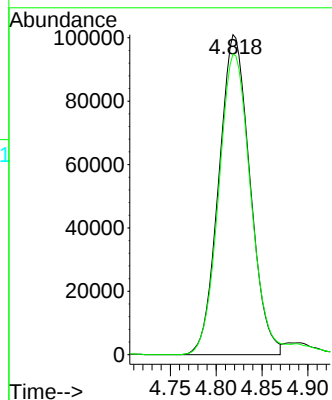
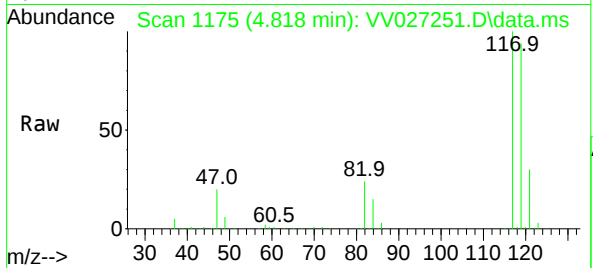




#31
Carbon tetrachloride
Concen: 46.421 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

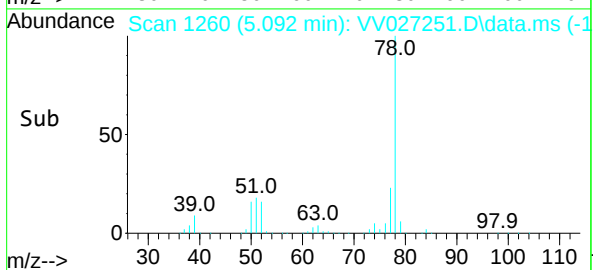
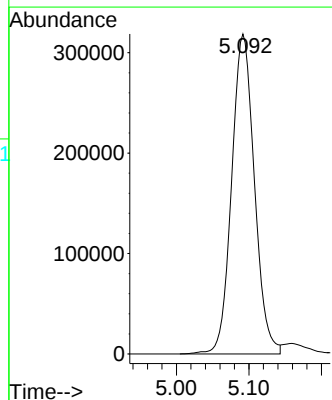
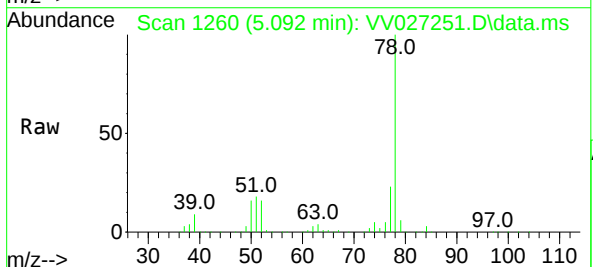
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

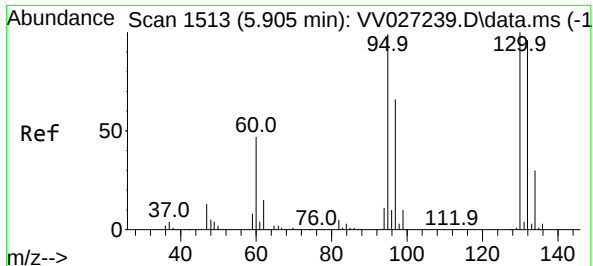
Tgt Ion:117 Resp: 239087
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6



#33
Benzene
Concen: 48.393 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 78 Resp: 696015

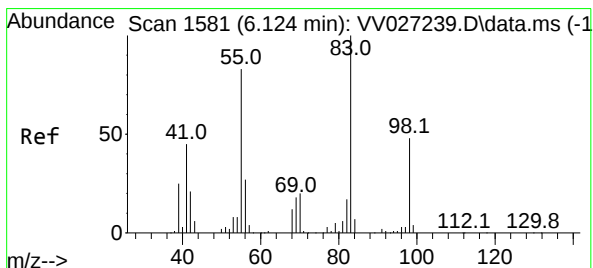
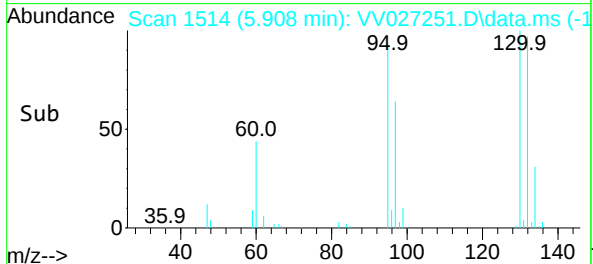
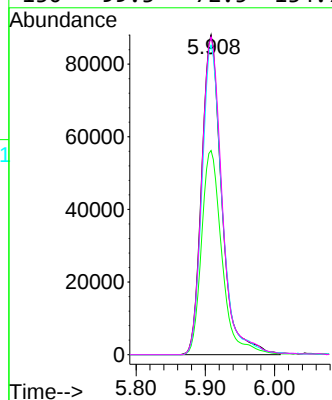
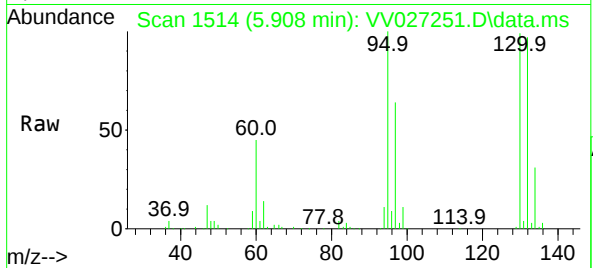




#34
Trichloroethene
Concen: 48.266 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

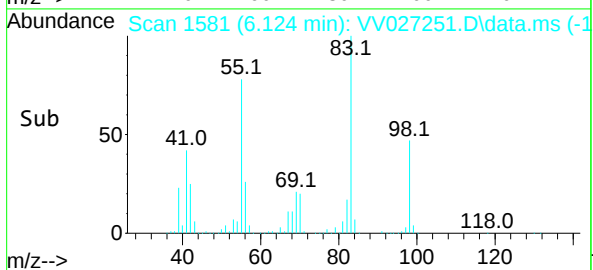
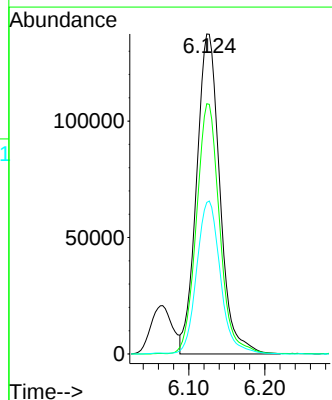
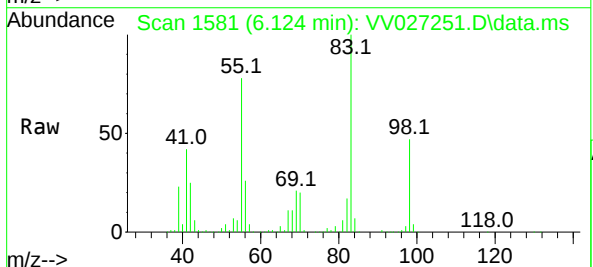
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

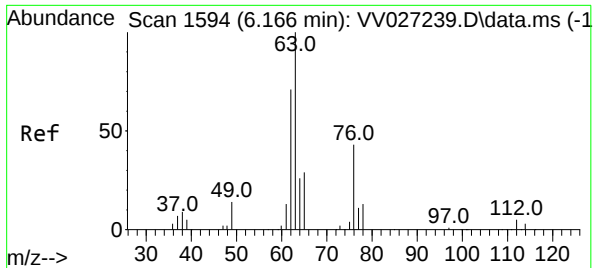
Tgt Ion: 95 Resp: 177749
Ion Ratio Lower Upper
95 100
97 63.8 45.9 85.3
132 96.7 69.8 129.6
130 99.3 72.5 134.7



#35
Methylcyclohexane
Concen: 54.088 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 83 Resp: 292894
Ion Ratio Lower Upper
83 100
55 77.9 55.5 83.3
98 48.5 39.0 58.4

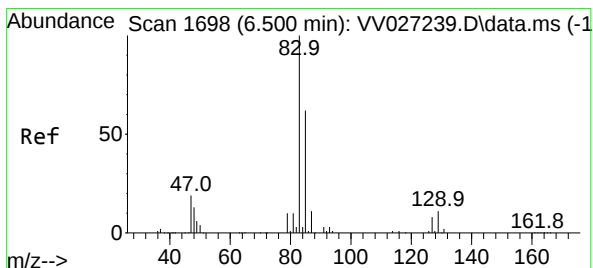
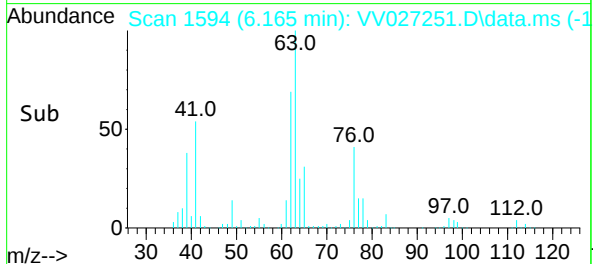
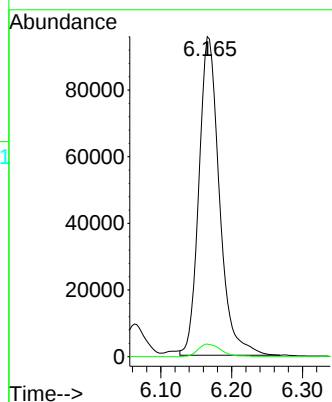
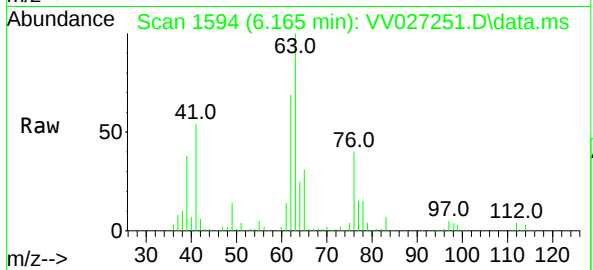




#37
1,2-Dichloropropane
Concen: 47.696 ug/L
RT: 6.165 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

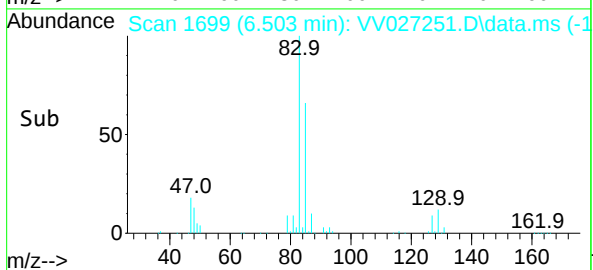
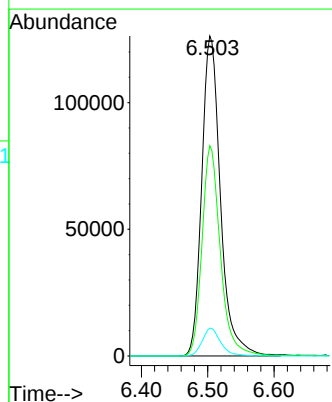
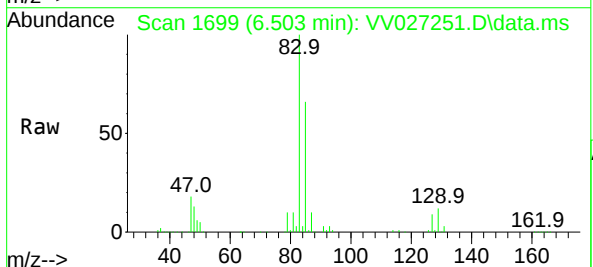
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

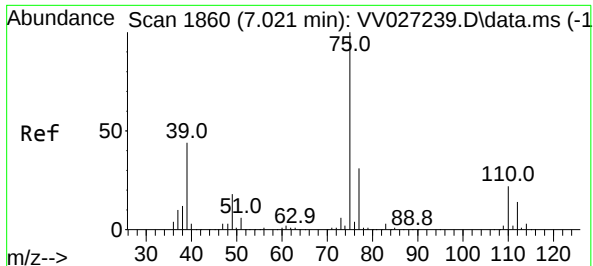
Tgt Ion: 63 Resp: 192184
Ion Ratio Lower Upper
63 100
112 4.4 3.7 5.5



#38
Bromodichloromethane
Concen: 46.904 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 83 Resp: 247630
Ion Ratio Lower Upper
83 100
85 65.7 45.5 84.5
127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 53.725 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

Instrument :

MSVOA_V

ClientSampleId :

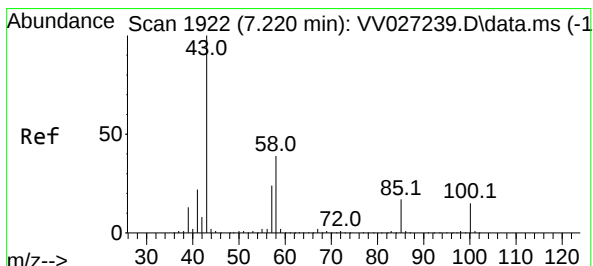
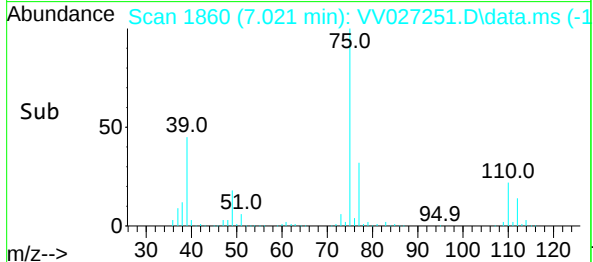
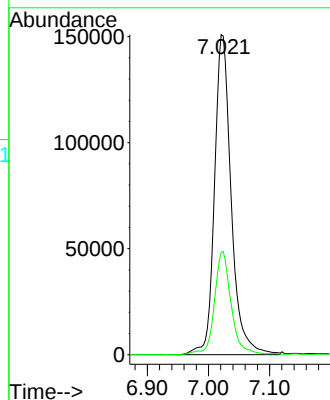
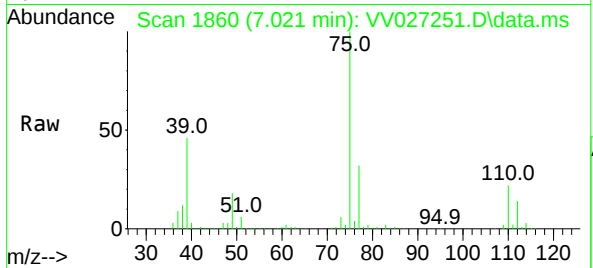
VSTD050334

Tgt Ion: 75 Resp: 286743

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 103.912 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

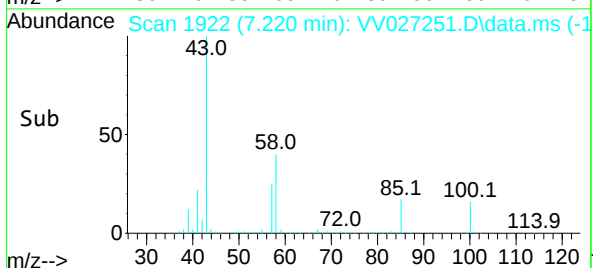
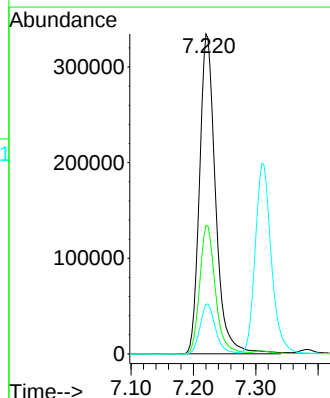
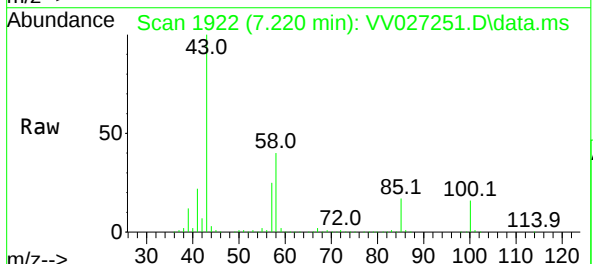
Tgt Ion: 43 Resp: 597307

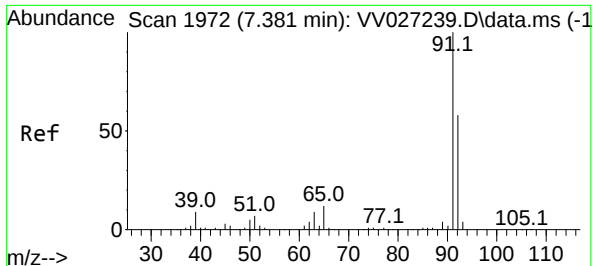
Ion Ratio Lower Upper

43 100

58 39.4 35.3 52.9

100 15.1 15.7 23.5

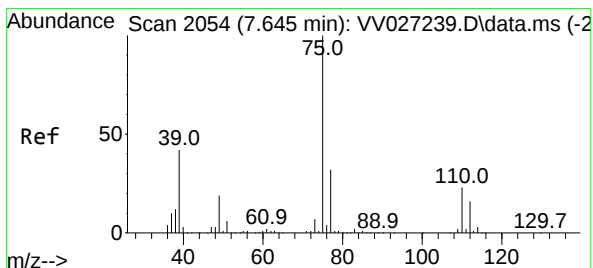
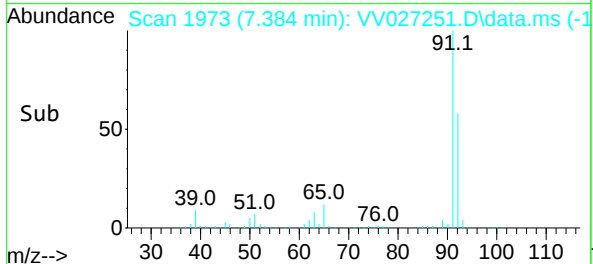
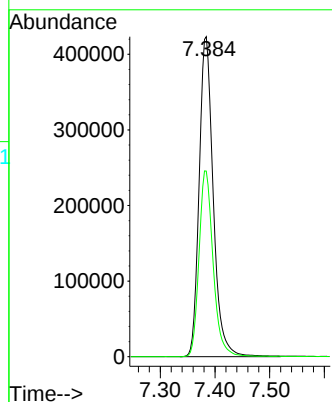
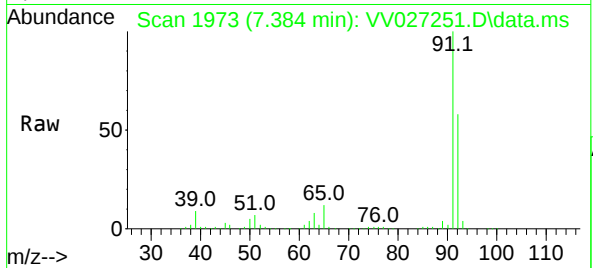




#42
Toluene
Concen: 51.671 ug/L
RT: 7.384 min Scan# 1972
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

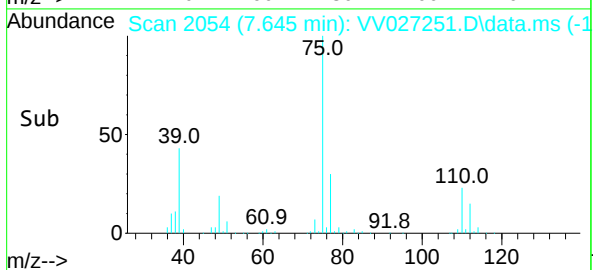
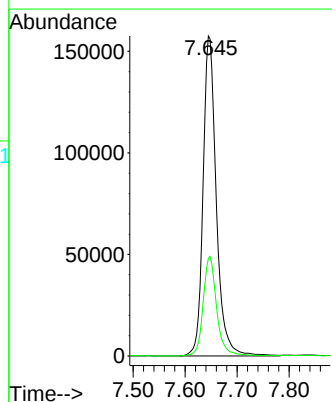
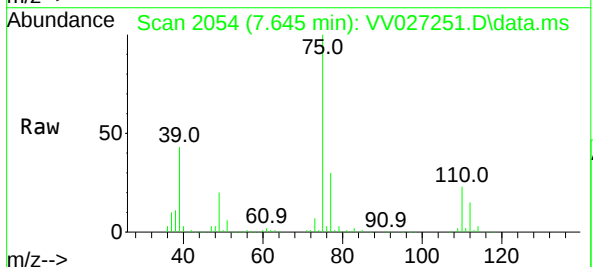
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

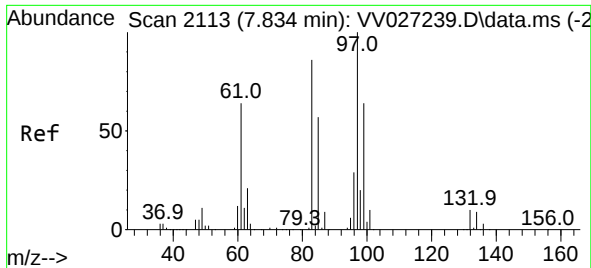
Tgt Ion: 91 Resp: 755603
Ion Ratio Lower Upper
91 100
92 58.0 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 53.130 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 75 Resp: 278668
Ion Ratio Lower Upper
75 100
77 30.5 22.0 41.0



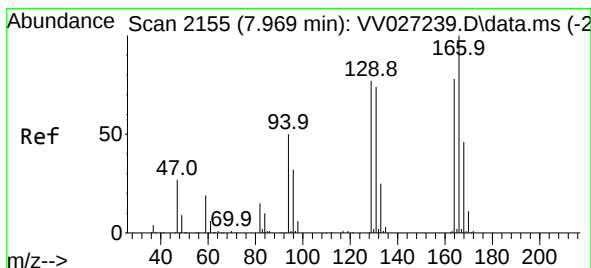
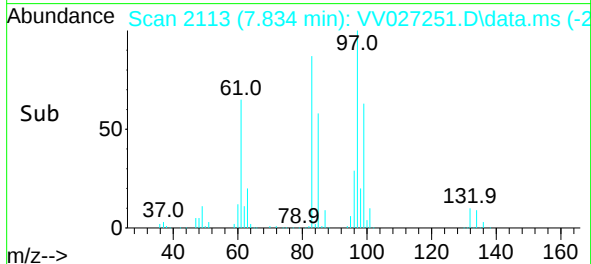
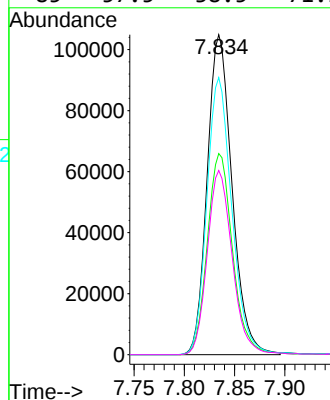
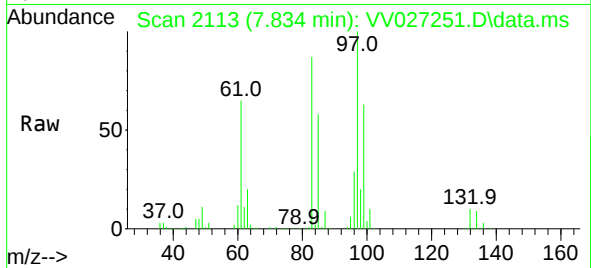


#45
1,1,2-Trichloroethane
Concen: 46.635 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

Tgt Ion: 97 Resp: 181106

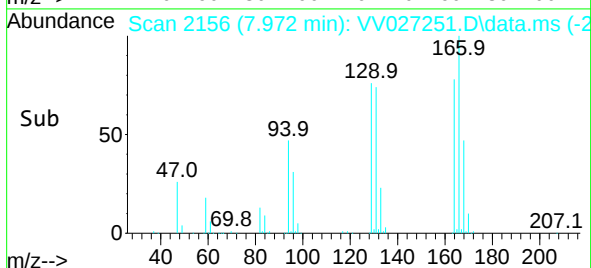
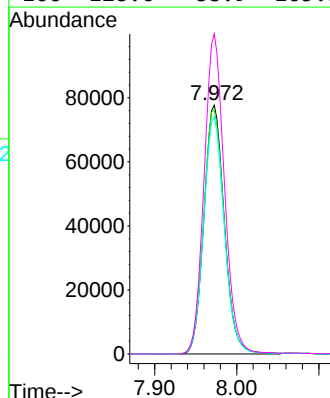
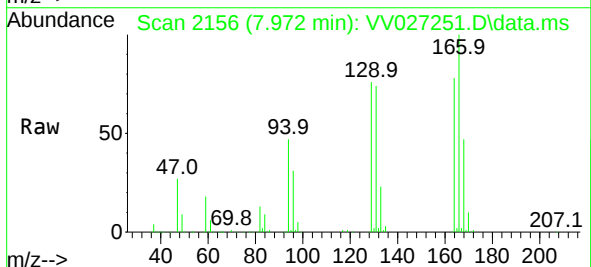
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.2	80.2
83	86.6	58.0	107.6
85	57.5	38.5	71.5

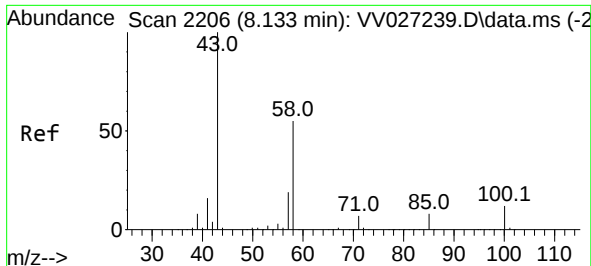


#46
Tetrachloroethene
Concen: 49.865 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 164 Resp: 134408

Ion	Ratio	Lower	Upper
164	100		
129	98.2	67.5	125.4
131	95.2	64.3	119.3
166	128.6	88.9	165.1

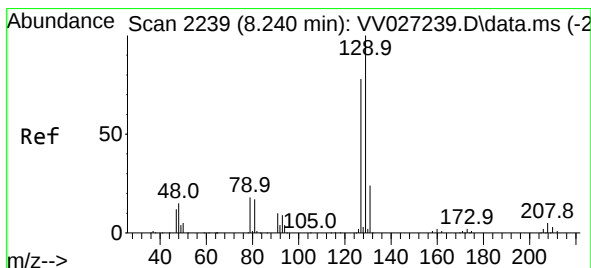
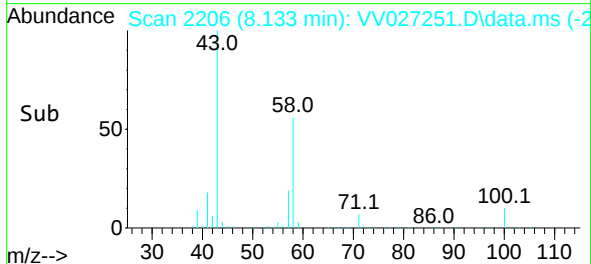
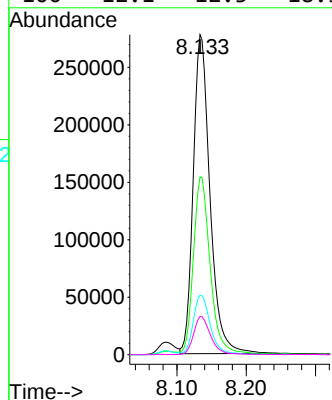
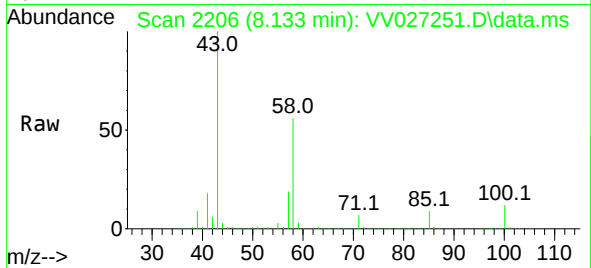




#48
2-Hexanone
Concen: 102.024 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

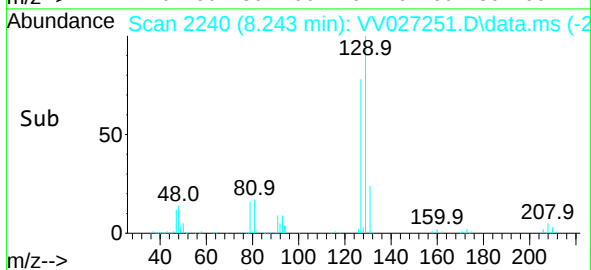
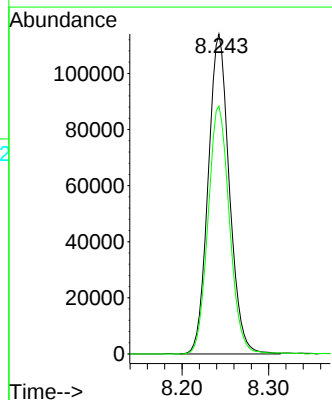
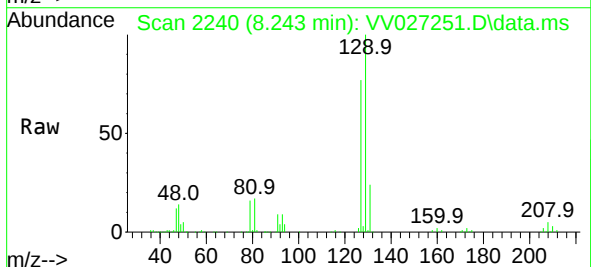
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

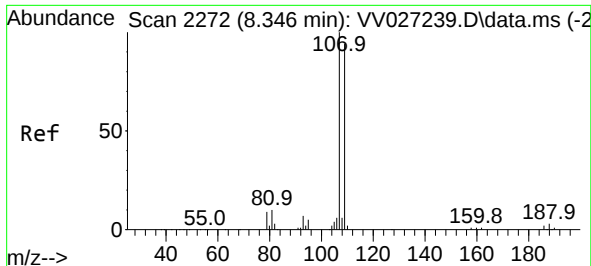
Tgt Ion: 43 Resp: 467073
Ion Ratio Lower Upper
43 100
58 55.0 50.8 76.2
57 18.6 17.1 25.7
100 12.1 12.3 18.5#



#49
Dibromochloromethane
Concen: 47.170 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 129 Resp: 193640
Ion Ratio Lower Upper
129 100
127 77.5 53.3 98.9





#50

1,2-Dibromoethane

Concen: 48.255 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050334

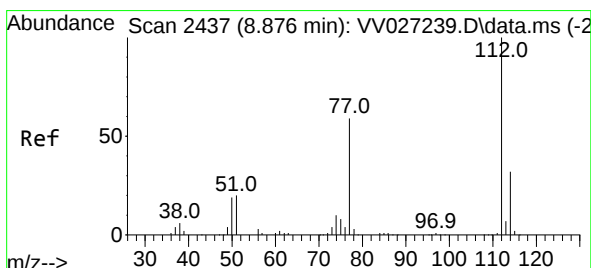
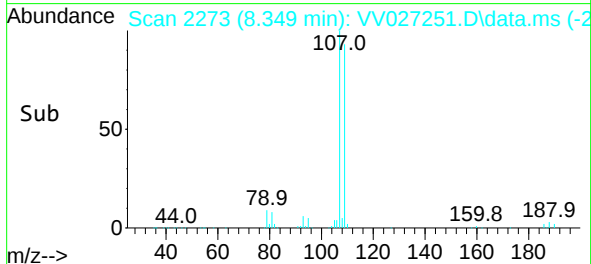
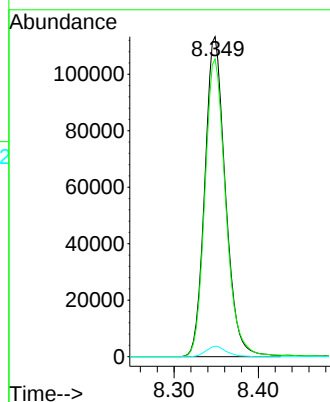
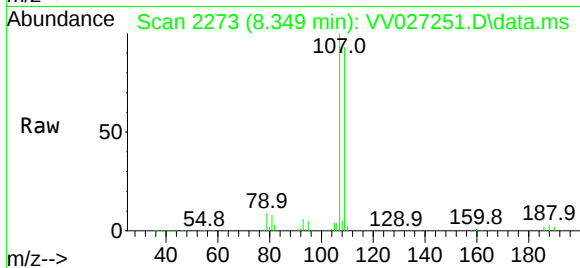
Tgt Ion:107 Resp: 192827

Ion Ratio Lower Upper

107 100

109 93.0 65.7 121.9

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 49.497 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

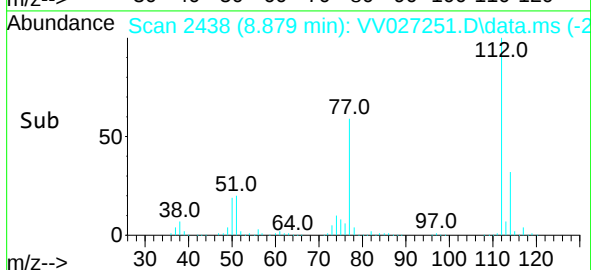
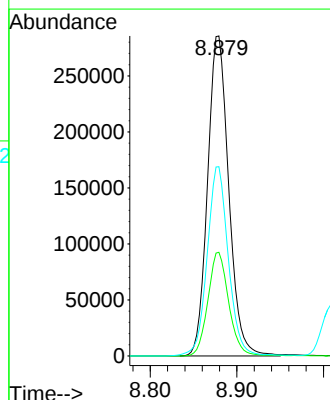
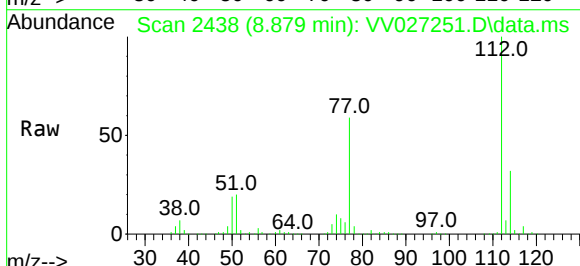
Tgt Ion:112 Resp: 485495

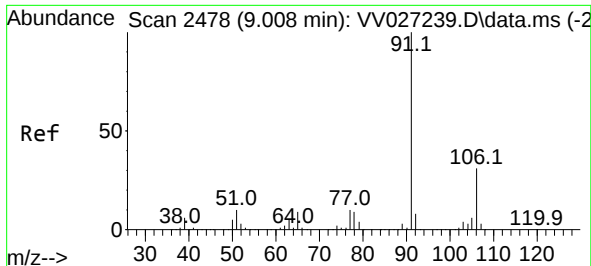
Ion Ratio Lower Upper

112 100

114 32.4 22.8 42.4

77 59.2 44.2 66.2

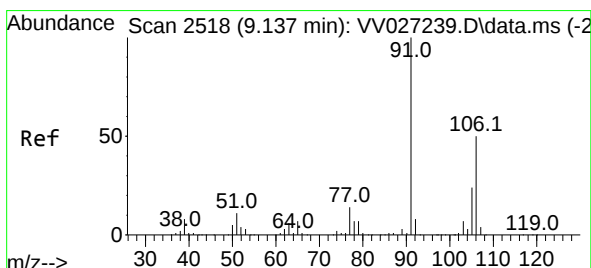
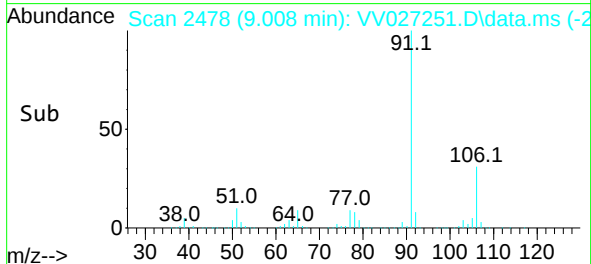
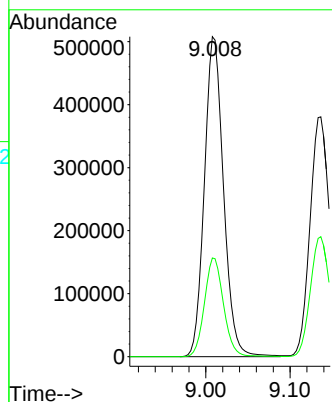
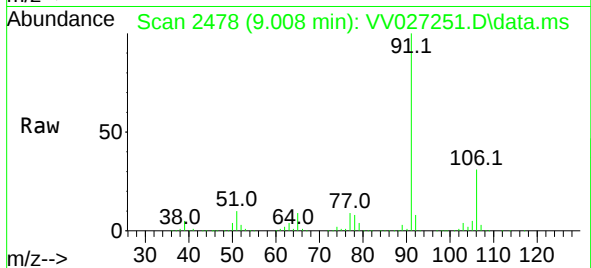




#52
Ethylbenzene
Concen: 53.235 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

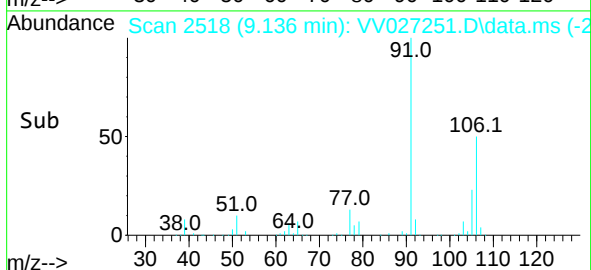
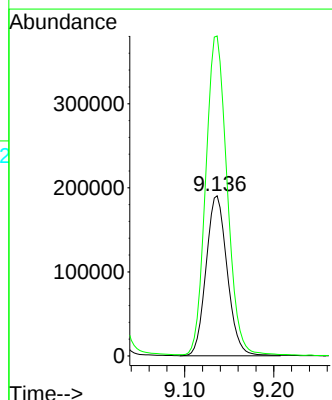
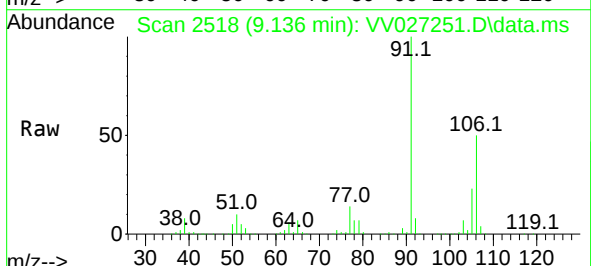
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

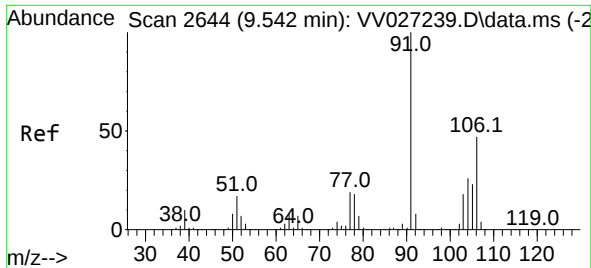
Tgt Ion: 91 Resp: 803285
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.6



#53
m,p-Xylene
Concen: 54.879 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 106 Resp: 312959
Ion Ratio Lower Upper
106 100
91 199.8 137.5 255.3

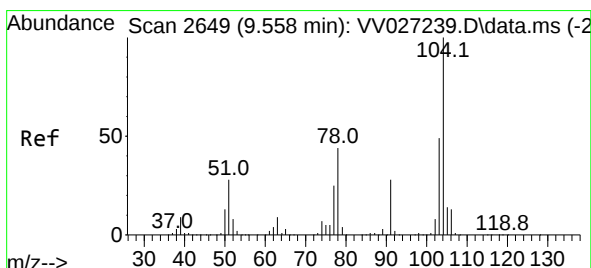
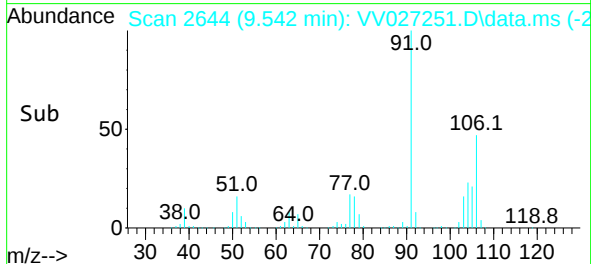
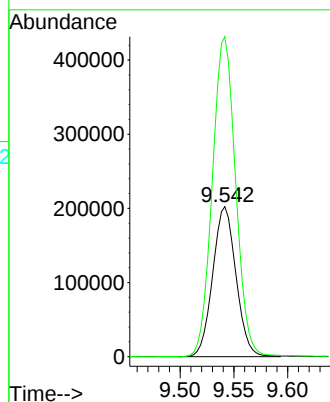
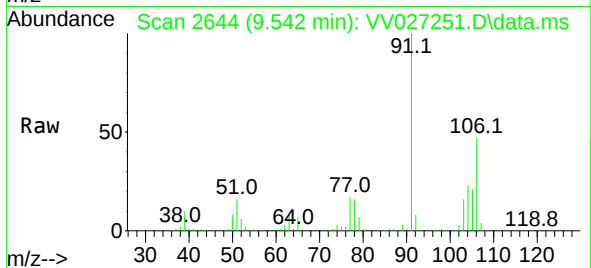




#54
o-Xylene
Concen: 54.784 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

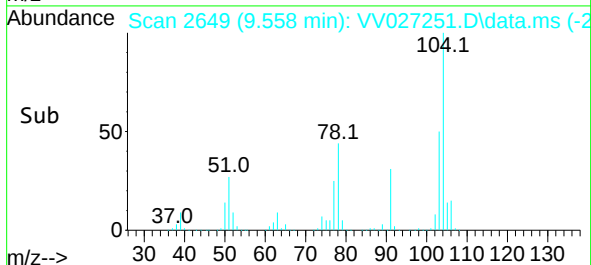
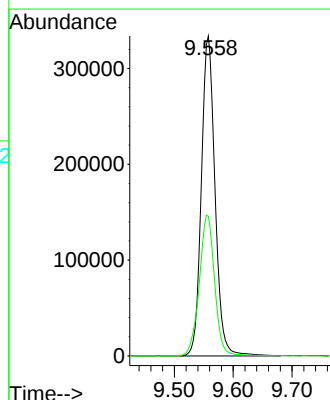
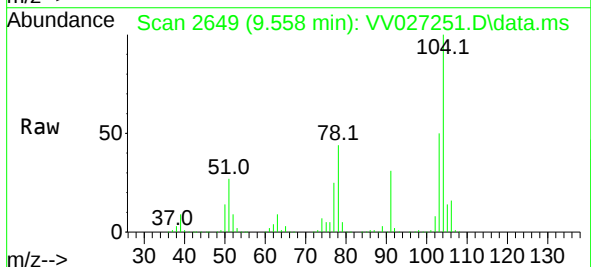
Instrument : MSVOA_V
ClientSampleId : VSTD050334

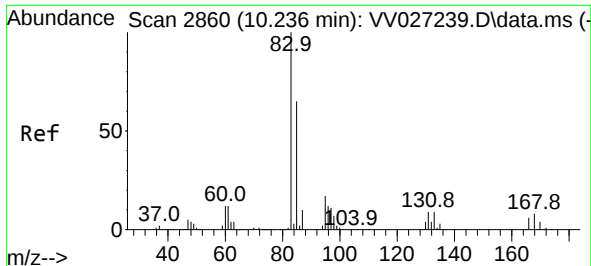
Tgt Ion:106 Resp: 304371
Ion Ratio Lower Upper
106 100
91 213.3 146.6 272.2



#55
Styrene
Concen: 55.087 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion:104 Resp: 539139
Ion Ratio Lower Upper
104 100
78 43.7 29.6 55.0





#57

1,1,2-Tetrachloroethane

Concen: 47.630 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050334

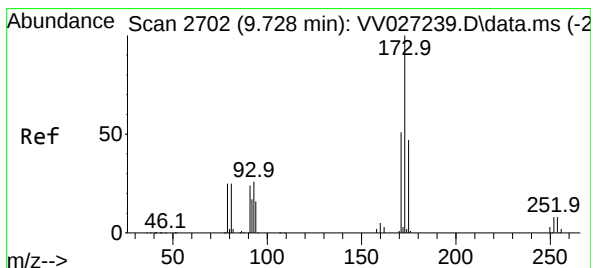
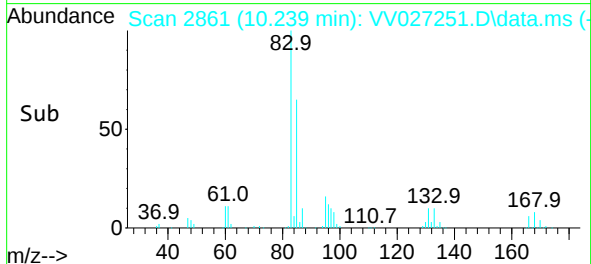
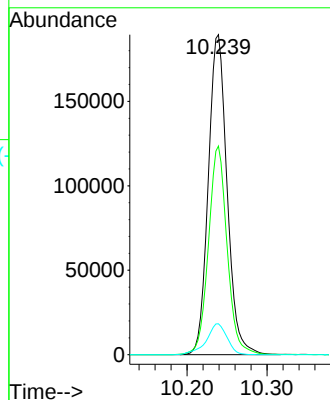
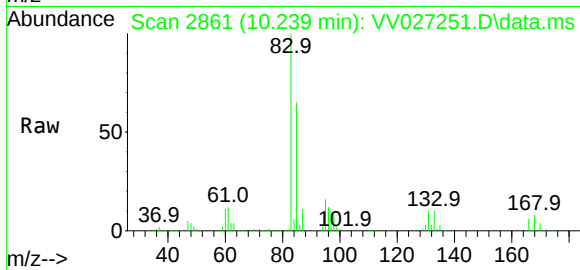
Tgt Ion: 83 Resp: 309877

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0

131 9.7 8.1 12.1



#59

Bromoform

Concen: 45.888 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

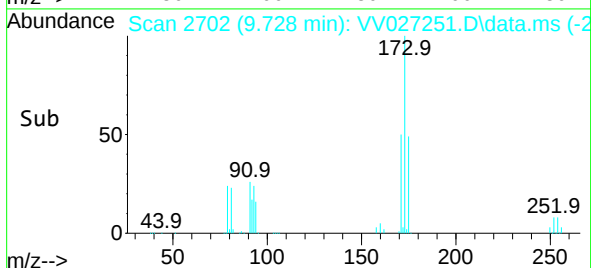
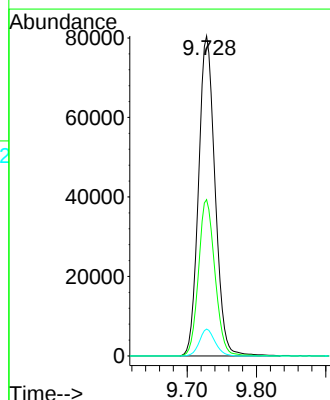
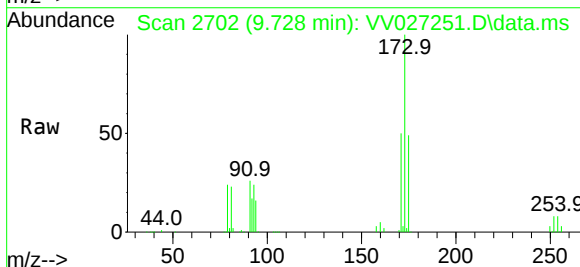
Tgt Ion: 173 Resp: 133213

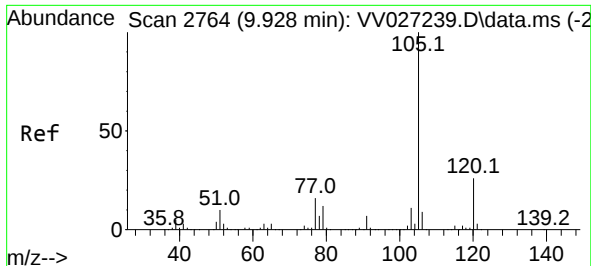
Ion Ratio Lower Upper

173 100

175 48.7 39.0 58.4

254 8.0 6.9 10.3

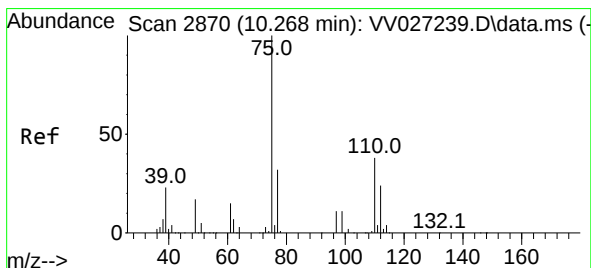
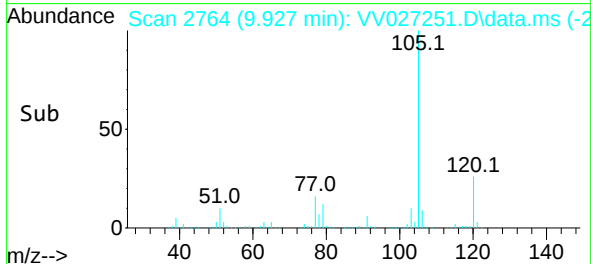
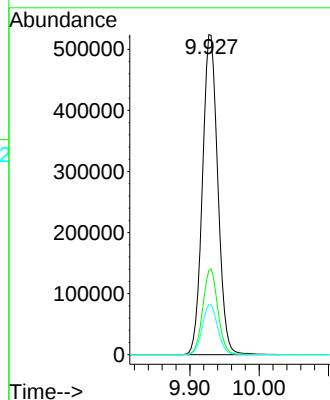
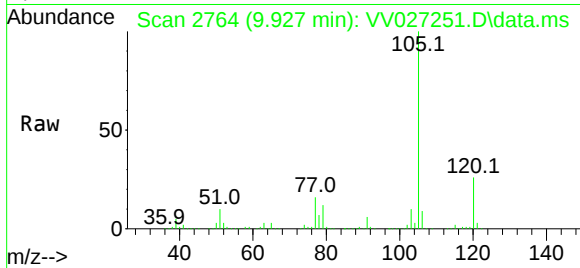




#60
Isopropylbenzene
Concen: 52.253 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

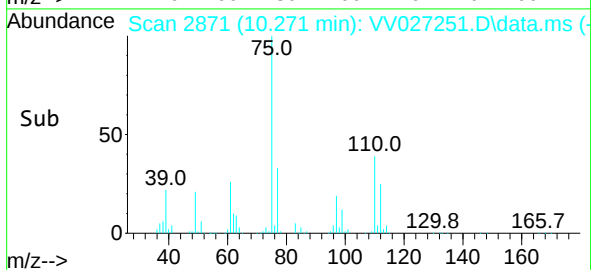
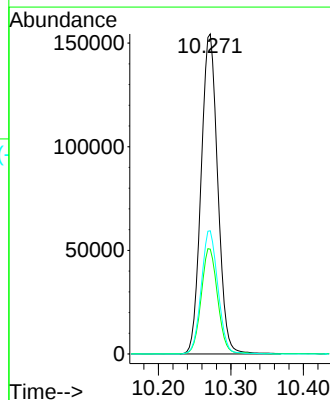
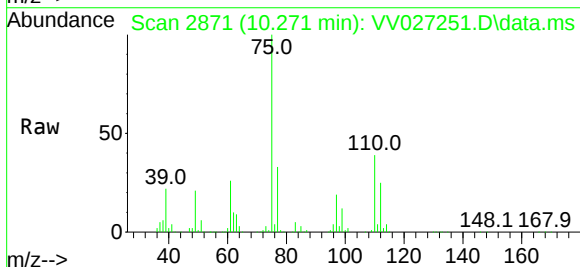
Instrument :
MSVOA_V
ClientSampleId :
VSTD050334

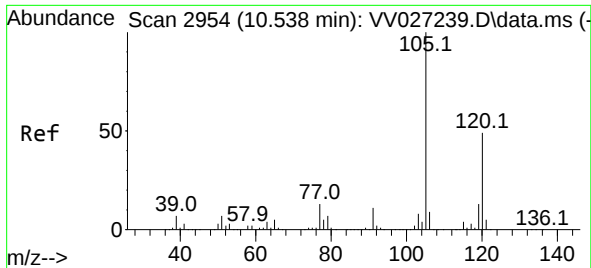
Tgt Ion:105 Resp: 804595
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.0
77 15.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 43.914 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV027251.D
Acq: 10 Aug 2022 11:09

Tgt Ion: 75 Resp: 246330
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8
110 38.5 32.7 49.1

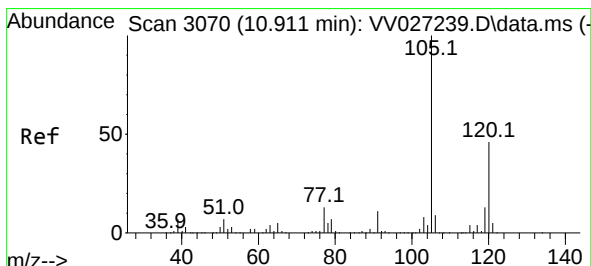
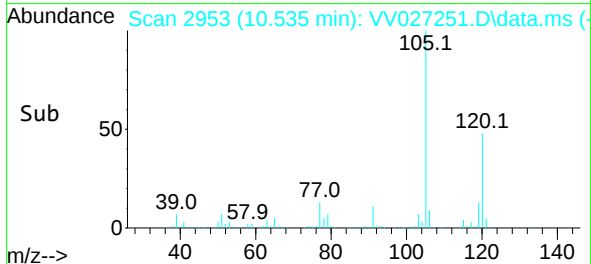
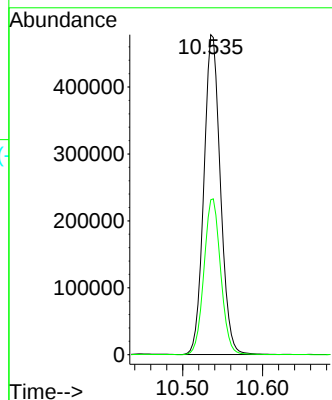
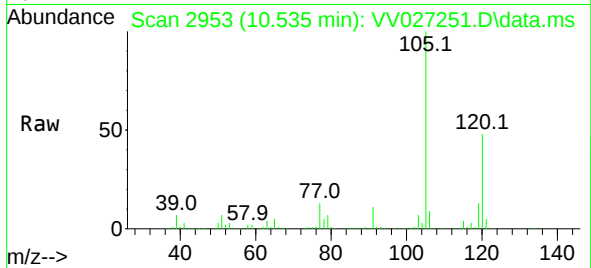




#62
 1,3,5-Trimethylbenzene
 Concen: 54.195 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.003 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

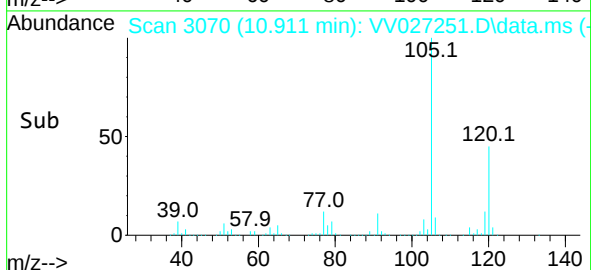
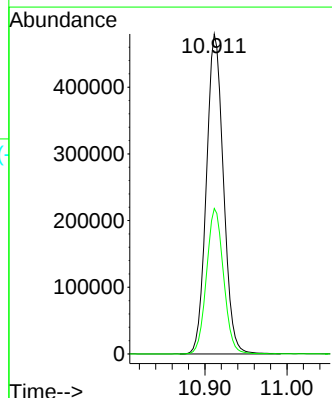
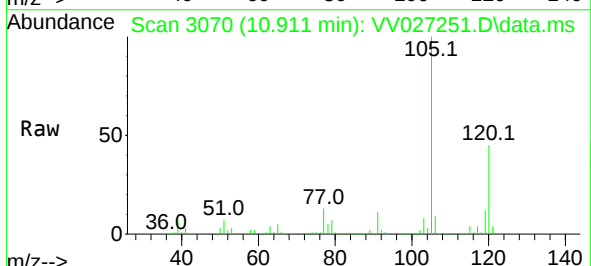
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050334

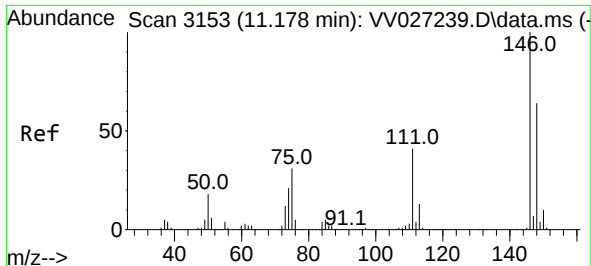
Tgt Ion:105 Resp: 689156
 Ion Ratio Lower Upper
 105 100
 120 49.2 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 55.526 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

Tgt Ion:105 Resp: 691699
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.0 55.6

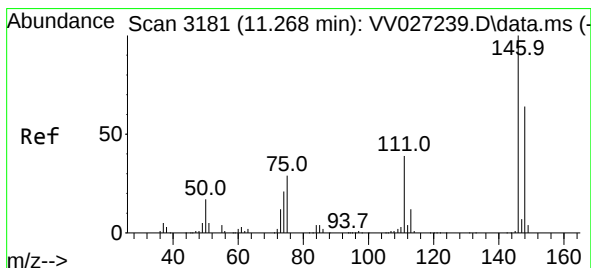
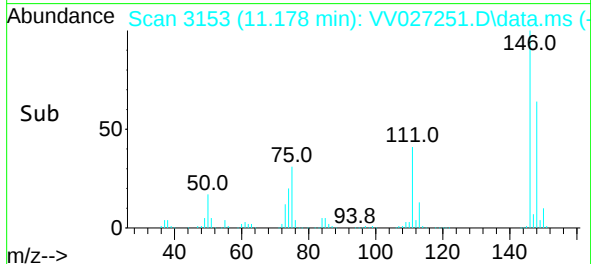
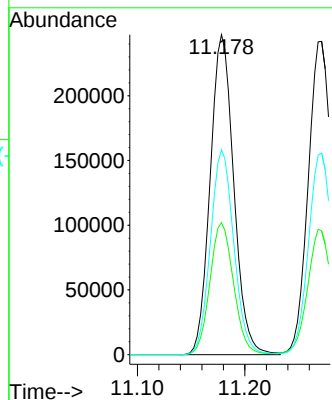
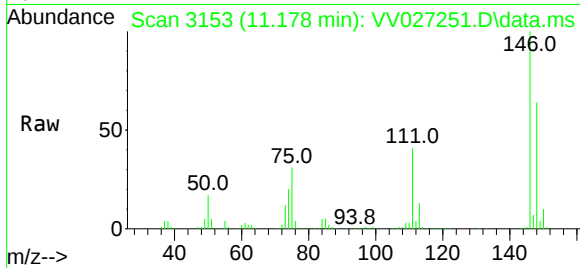




#64
 1,3-Dichlorobenzene
 Concen: 50.533 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

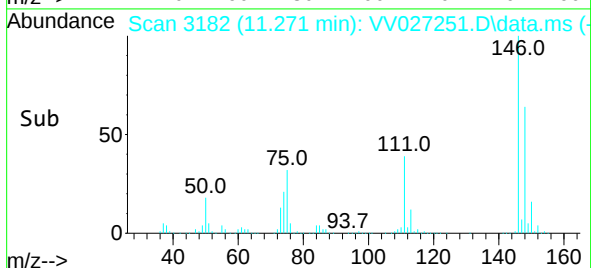
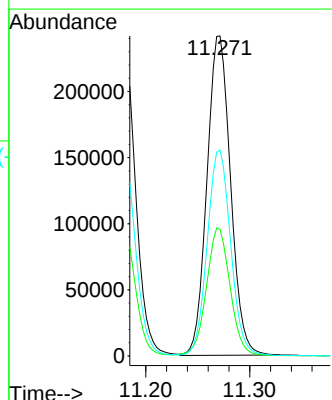
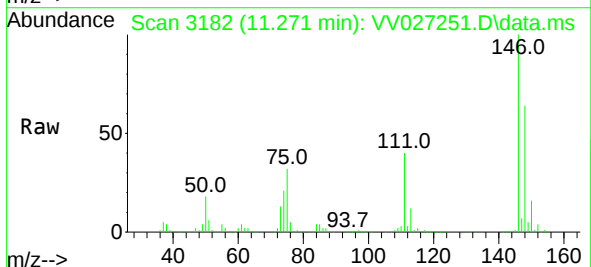
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050334

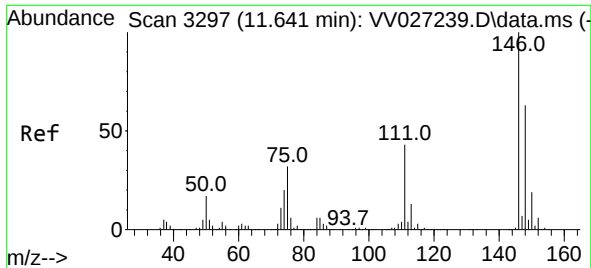
Tgt Ion:146 Resp: 377119
 Ion Ratio Lower Upper
 146 100
 111 41.3 28.4 52.8
 148 64.0 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 48.455 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

Tgt Ion:146 Resp: 380566
 Ion Ratio Lower Upper
 146 100
 111 39.5 27.4 51.0
 148 64.3 44.6 82.8

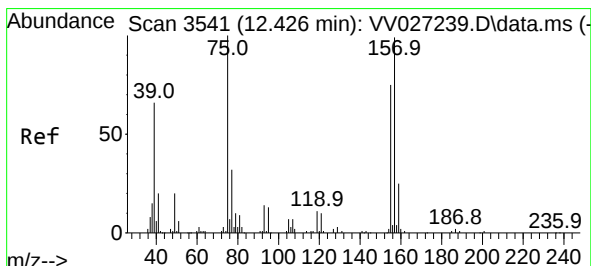
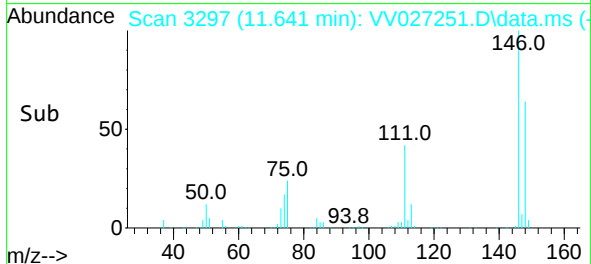
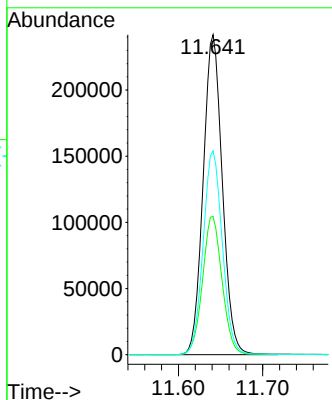
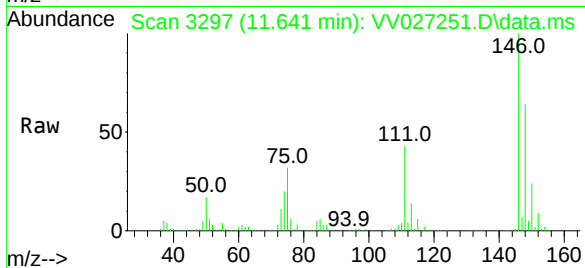




#67
 1,2-Dichlorobenzene
 Concen: 48.976 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

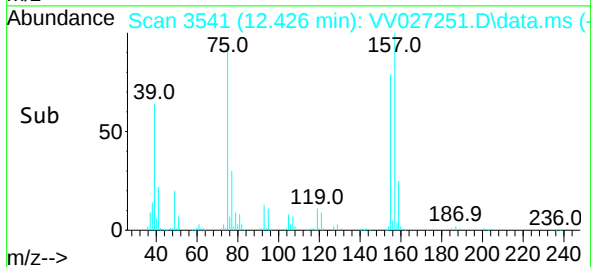
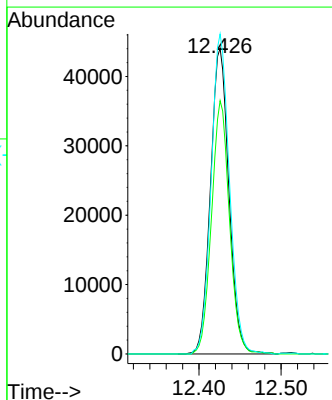
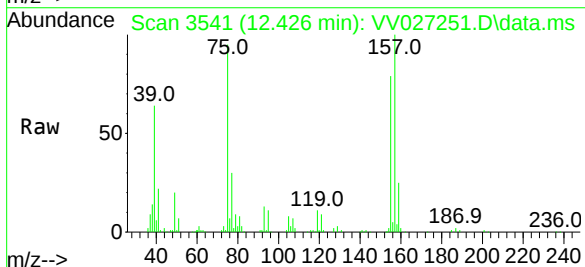
Instrument :
 MSVOA_V
 ClientSampleId :
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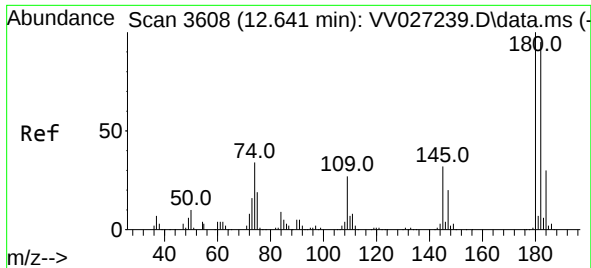
Tgt Ion:146 Resp: 382964
 Ion Ratio Lower Upper
 146 100
 111 43.2 34.0 51.0
 148 63.7 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 43.880 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

Tgt Ion: 75 Resp: 69055
 Ion Ratio Lower Upper
 75 100
 155 82.9 69.1 103.7
 157 104.7 87.8 131.8

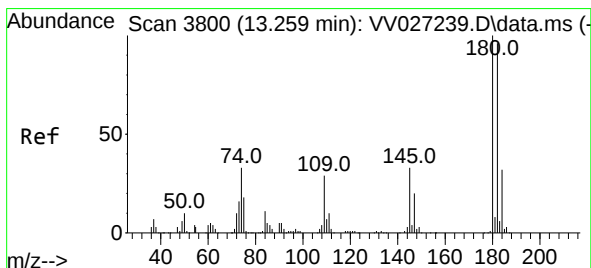
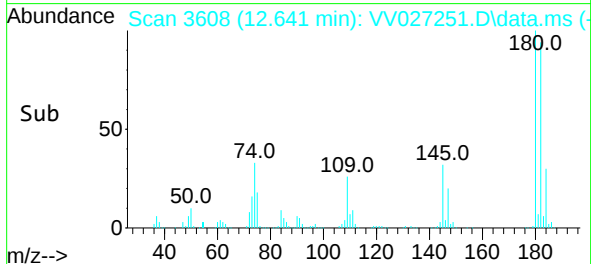
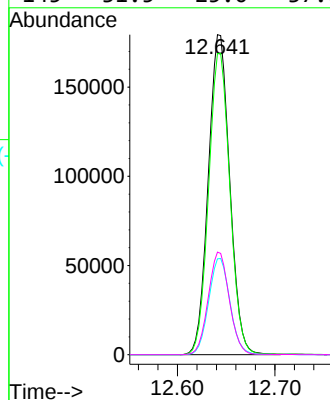
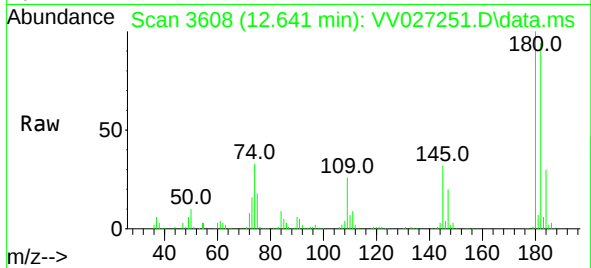




#69
 1,3,5-Trichlorobenzene
 Concen: 54.638 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

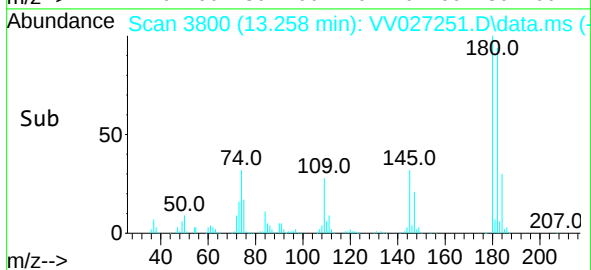
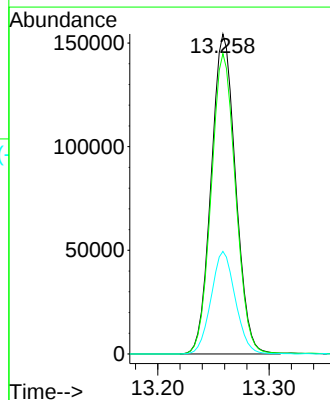
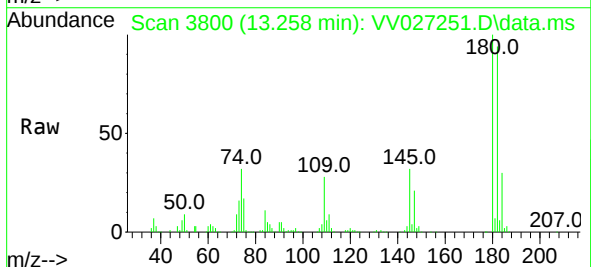
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050334

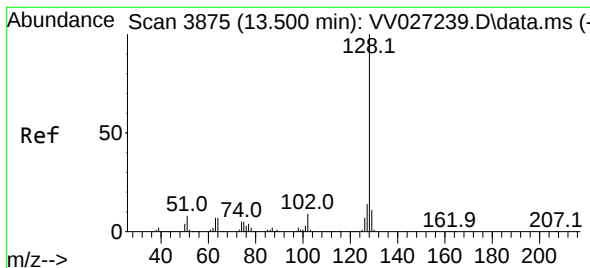
Tgt Ion:180 Resp: 273868
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.2 114.4
 184 29.9 24.8 37.2
 145 31.5 25.0 37.6



#70
 1,2,4-trichlorobenzene
 Concen: 56.410 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV027251.D
 Acq: 10 Aug 2022 11:09

Tgt Ion:180 Resp: 234841
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.9 113.9
 145 31.8 24.7 37.1





#71

Naphthalene

Concen: 54.905 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD050334

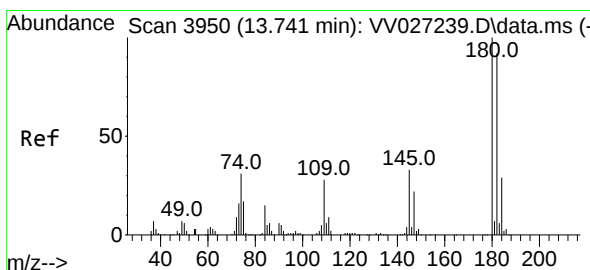
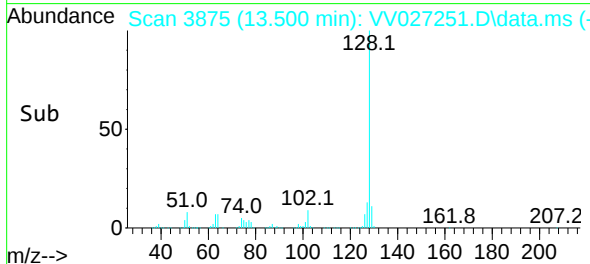
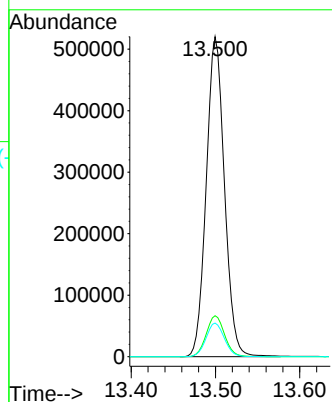
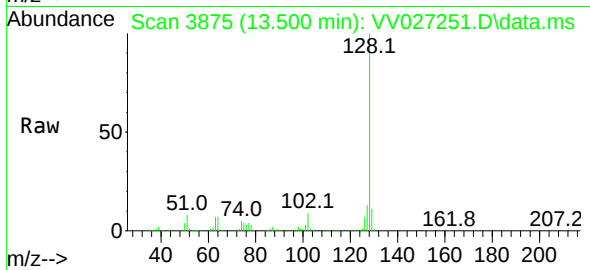
Tgt Ion:128 Resp: 782676

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 54.584 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027251.D

Acq: 10 Aug 2022 11:09

Tgt Ion:180 Resp: 251872

Ion Ratio Lower Upper

180 100

182 93.7 76.3 114.5

145 33.2 27.4 41.0

