

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060622\
 Data File : VW025992.D
 Acq On : 06 Jun 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050299

Quant Time: Jun 07 02:22:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 03 00:06:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	344723	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	349484	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	204093	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	156009	35.066	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.140%
7) Chloroethane-d5	1.571	69	132842	34.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.000%#
11) 1,1-Dichloroethene-d2	2.111	63	312958	40.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.440%
21) 2-Butanone-d5	3.896	46	143483	75.245	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.240%
24) Chloroform-d	4.346	84	287756	46.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
26) 1,2-Dichloroethane-d4	5.027	65	162148	43.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.360%
32) Benzene-d6	5.047	84	543714	44.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
36) 1,2-Dichloropropane-d6	6.066	67	173365	46.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.660%
41) Toluene-d8	7.310	98	521952	46.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.616	79	79374	47.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.040%
47) 2-Hexanone-d5	8.085	63	130078	94.814	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.810%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	237164	47.525	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.060%
66) 1,2-Dichlorobenzene-d4	11.622	152	207194	46.280	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	166669	46.763	ug/L	99
3) Chloromethane	1.246	50	188299	43.684	ug/L	100
5) Vinyl chloride	1.314	62	200568	45.768	ug/L	99
6) Bromomethane	1.526	94	118271	44.414	ug/L	99
8) Chloroethane	1.587	64	132225	40.402	ug/L	99
9) Trichlorofluoromethane	1.757	101	288282	46.290	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	169759	51.305	ug/L	98
12) 1,1-Dichloroethene	2.121	96	158977	48.850	ug/L	88
13) Acetone	2.188	43	165158	126.922	ug/L	99
14) Carbon disulfide	2.294	76	385242	47.859	ug/L	100
15) Methyl Acetate	2.436	43	106147	38.075	ug/L	91
16) Methylene chloride	2.507	84	165303	52.440	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	144024	51.511	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	432727	53.215	ug/L	98
19) 1,1-Dichloroethane	3.188	63	277426	53.123	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	153942	51.008	ug/L	100
22) 2-Butanone	3.976	43	180431	103.974	ug/L	98
23) Bromochloromethane	4.246	128	82916	52.014	ug/L	97
25) Chloroform	4.371	83	287239	51.905	ug/L	99

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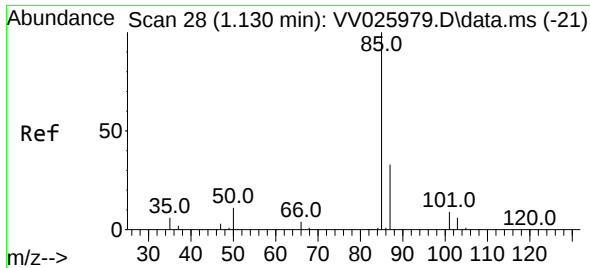
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	207858	49.680	ug/L	98
29) Cyclohexane	4.677	56	223164	52.744	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	250879	52.857	ug/L	97
31) Carbon tetrachloride	4.825	117	210675	52.870	ug/L	99
33) Benzene	5.095	78	622740	52.920	ug/L	100
34) Trichloroethene	5.908	95	161425	52.447	ug/L	98
35) Methylcyclohexane	6.127	83	253909	55.081	ug/L	99
37) 1,2-Dichloropropane	6.169	63	162889	55.103	ug/L	100
38) Bromodichloromethane	6.503	83	213784	53.480	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	228331	54.165	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	368773	106.724	ug/L	98
42) Toluene	7.384	91	671793	53.216	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	222611	54.891	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	161598	53.801	ug/L	99
46) Tetrachloroethene	7.973	164	121328	53.439	ug/L	97
48) 2-Hexanone	8.137	43	332611	123.715	ug/L	96
49) Dibromochloromethane	8.243	129	164130	55.399	ug/L	100
50) 1,2-Dibromoethane	8.349	107	161011	52.714	ug/L	99
51) Chlorobenzene	8.876	112	422385	52.252	ug/L	99
52) Ethylbenzene	9.008	91	706054	54.212	ug/L	100
53) m,p-Xylene	9.133	106	280290	55.485	ug/L	99
54) o-Xylene	9.542	106	271066	54.625	ug/L	99
55) Styrene	9.558	104	492851	56.999	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	236223	52.711	ug/L	99
59) Bromoform	9.728	173	104306	52.980	ug/L	100
60) Isopropylbenzene	9.927	105	720756	52.722	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	196058	48.533	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	367133	52.101	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	591715	54.122	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	343371	53.063	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	347755	51.280	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	340872	50.927	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	43639	46.791	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	242981	54.382	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	207011	54.409	ug/L	100
71) Naphthalene	13.500	128	604567	53.654	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	216078	55.730	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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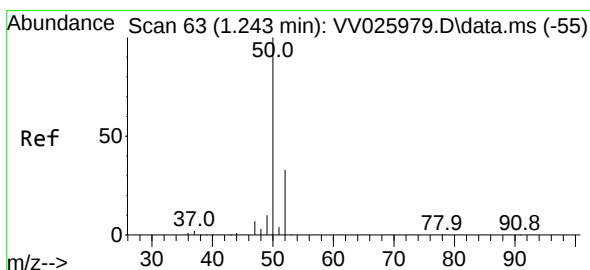
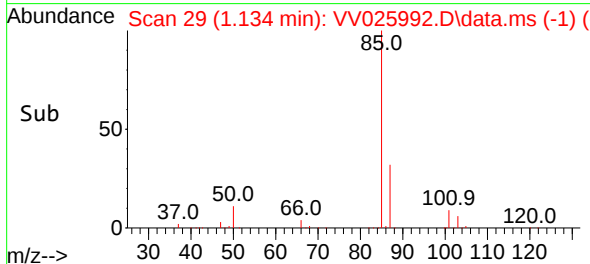
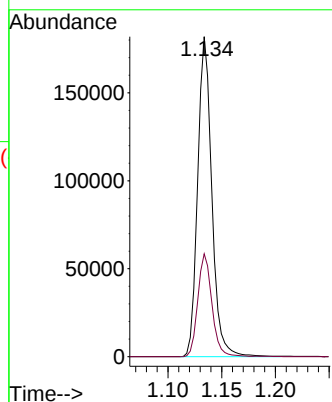
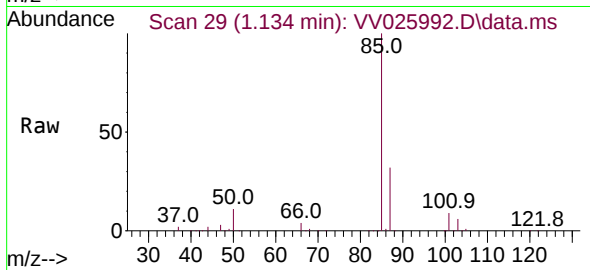




#2
 Dichlorodifluoromethane
 Concen: 46.763 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VV025992.D
 Acq: 06 Jun 2022 09:38

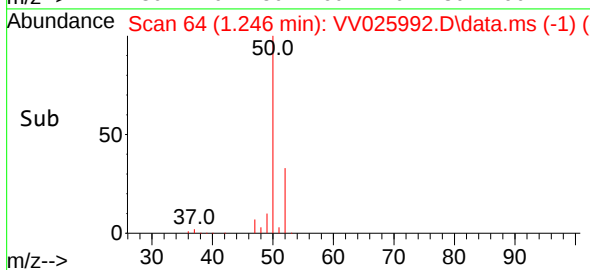
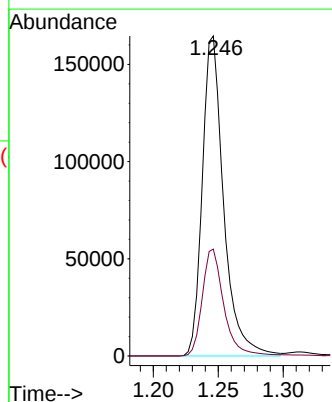
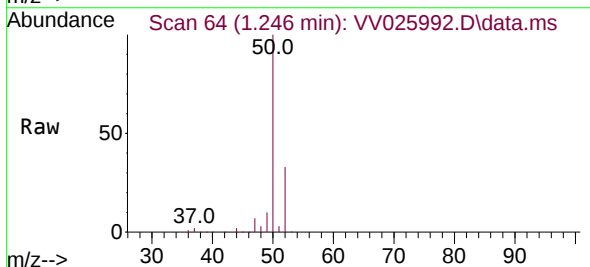
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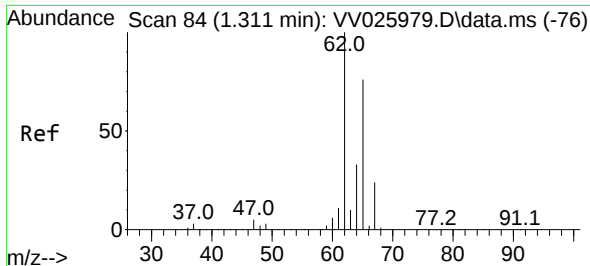
Tgt Ion: 85 Resp: 166669
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0



#3
 Chloromethane
 Concen: 43.684 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.003 min
 Lab File: VV025992.D
 Acq: 06 Jun 2022 09:38

Tgt Ion: 50 Resp: 188299
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

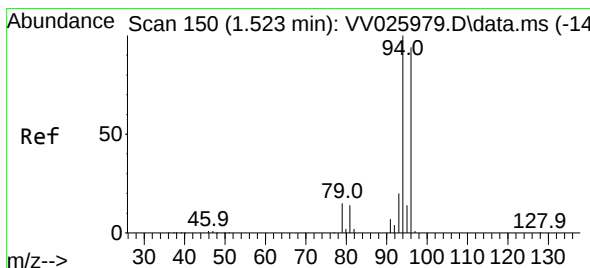
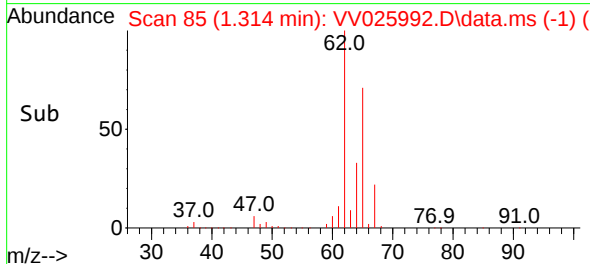
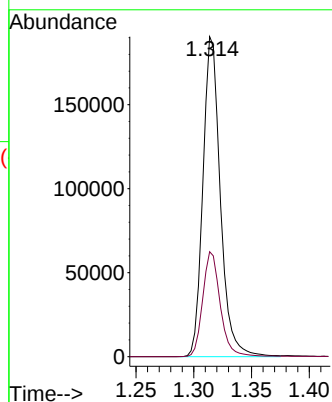
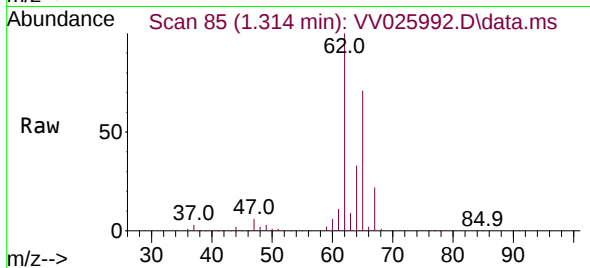




#5
 Vinyl chloride
 Concen: 45.768 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025992.D
 Acq: 06 Jun 2022 09:38

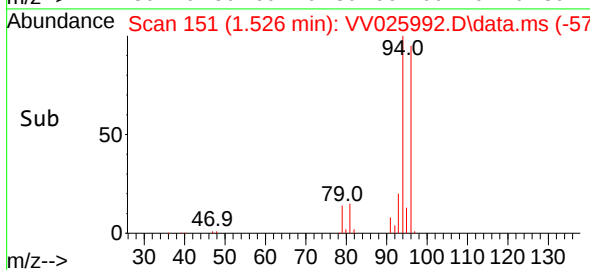
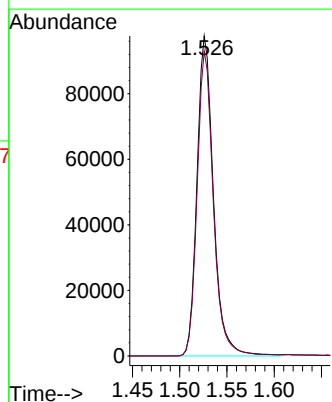
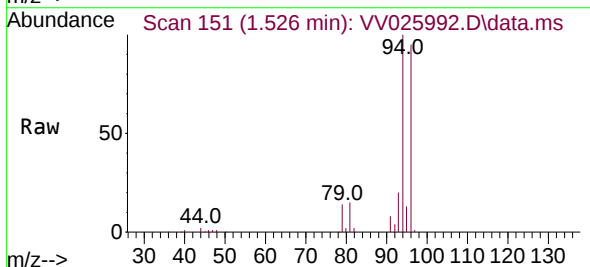
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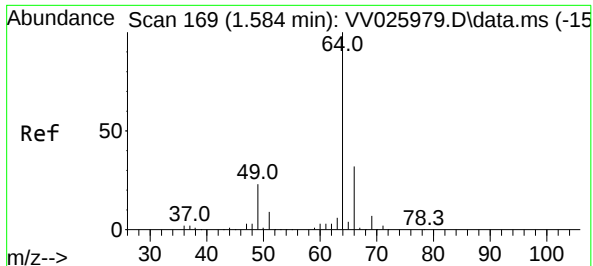
Tgt Ion: 62 Resp: 200568
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.0



#6
 Bromomethane
 Concen: 44.414 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025992.D
 Acq: 06 Jun 2022 09:38

Tgt Ion: 94 Resp: 118271
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.9 122.3

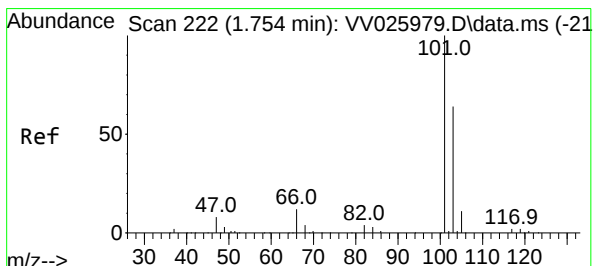
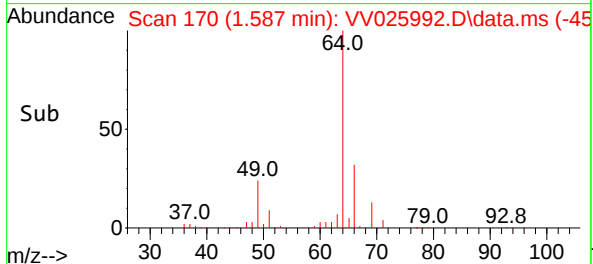
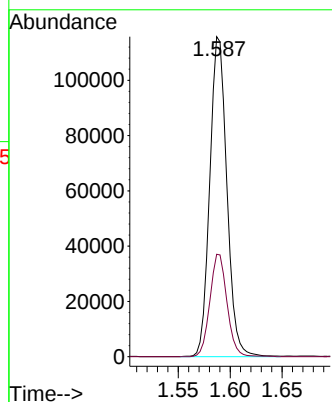
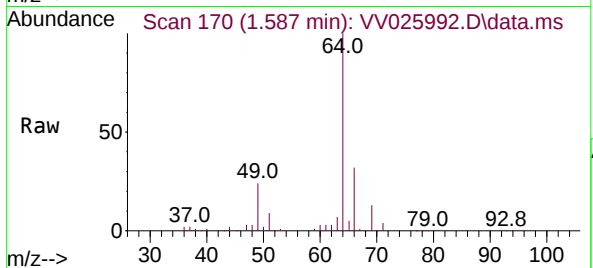




#8
Chloroethane
Concen: 40.402 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

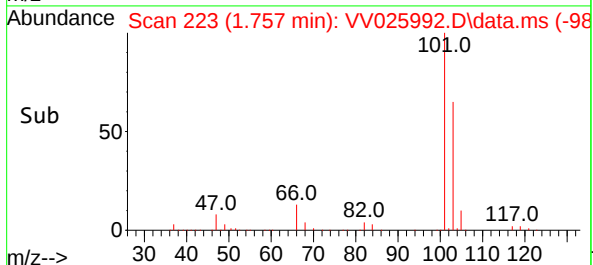
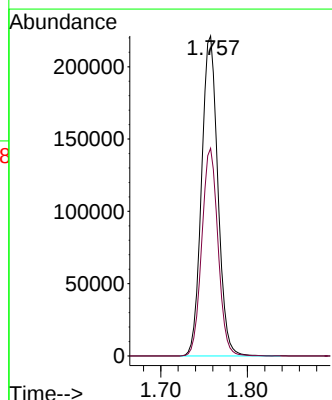
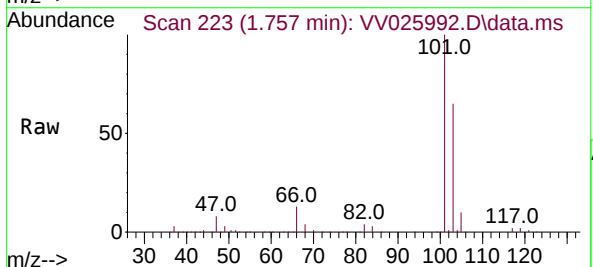
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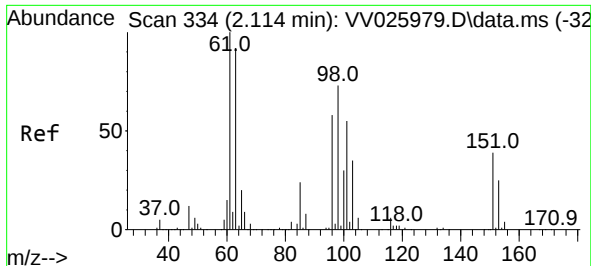
Tgt Ion: 64 Resp: 132225
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 46.290 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion:101 Resp: 288282
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

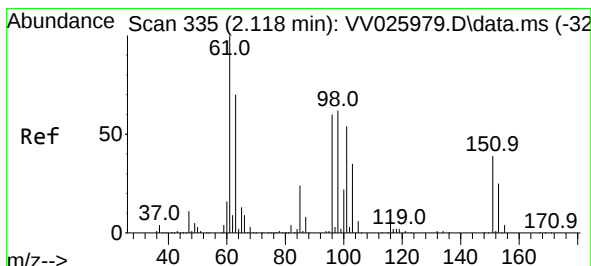
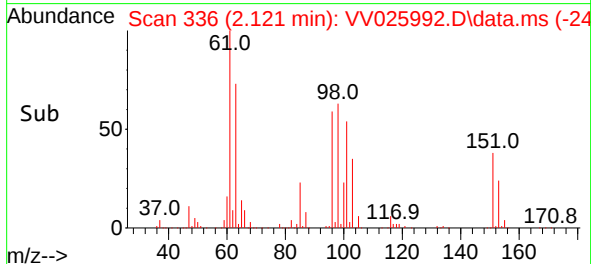
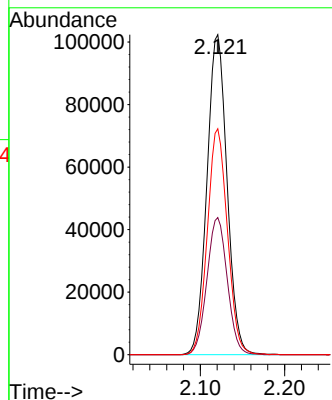
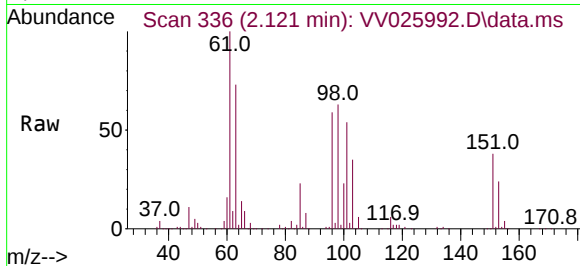




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.305 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.006 min
 Lab File: VV025992.D
 Acq: 06 Jun 2022 09:38

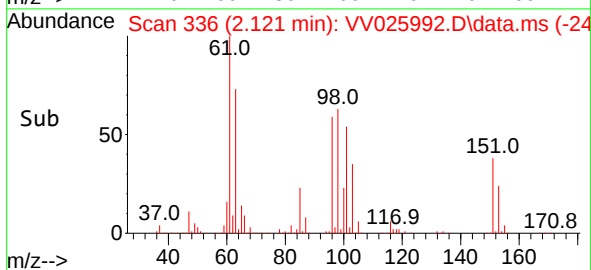
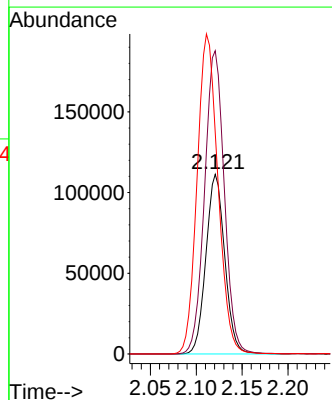
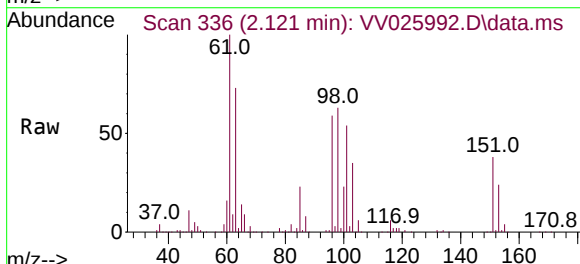
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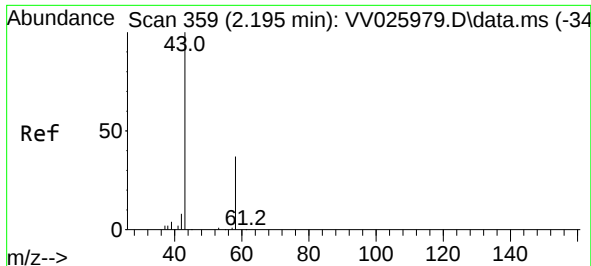
Tgt Ion:101 Resp: 169759
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.6 51.8
 151 70.5 54.3 81.5



#12
 1,1-Dichloroethene
 Concen: 48.850 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025992.D
 Acq: 06 Jun 2022 09:38

Tgt Ion: 96 Resp: 158977
 Ion Ratio Lower Upper
 96 100
 61 168.7 124.6 231.4
 63 123.1 101.6 188.6

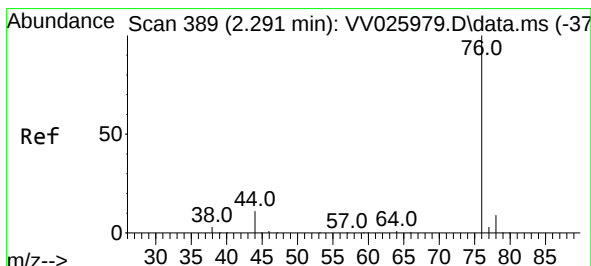
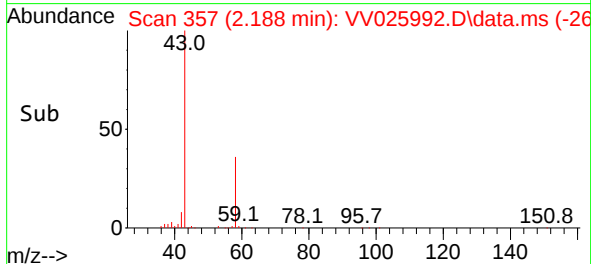
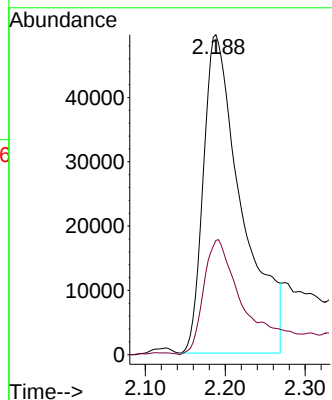
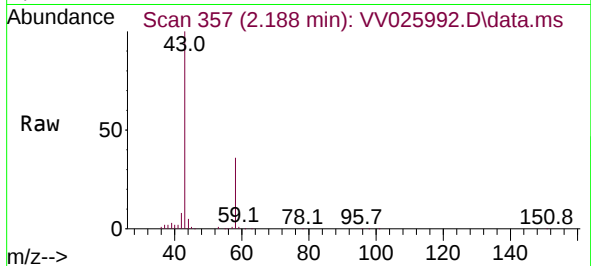




#13
Acetone
Concen: 126.922 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

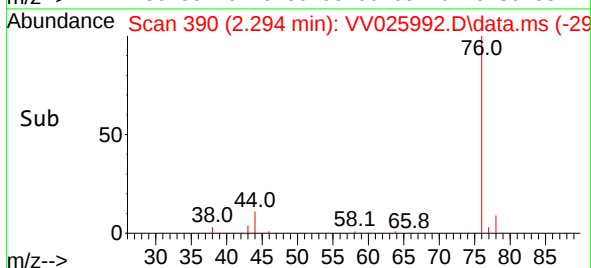
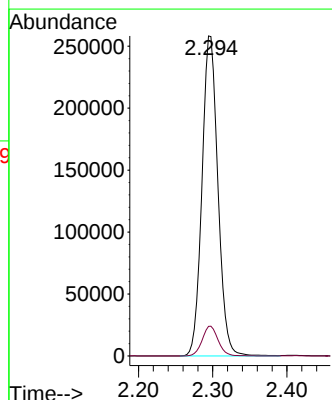
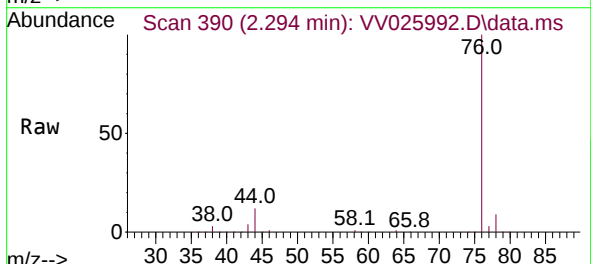
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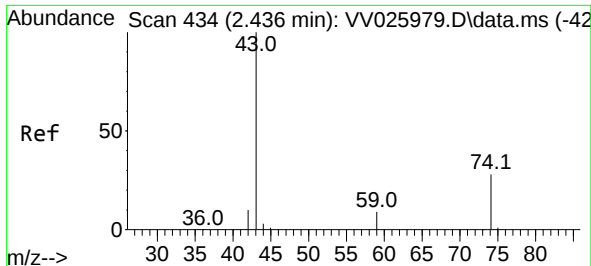
Tgt Ion: 43 Resp: 165158
Ion Ratio Lower Upper
43 100
58 31.8 0.0 65.0



#14
Carbon disulfide
Concen: 47.859 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 385242
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

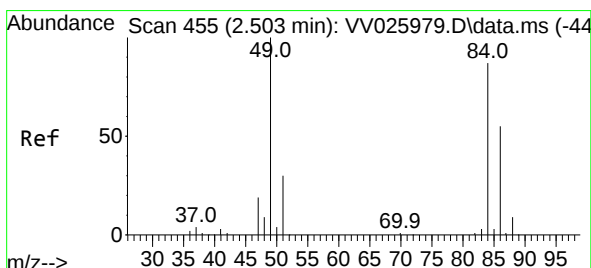
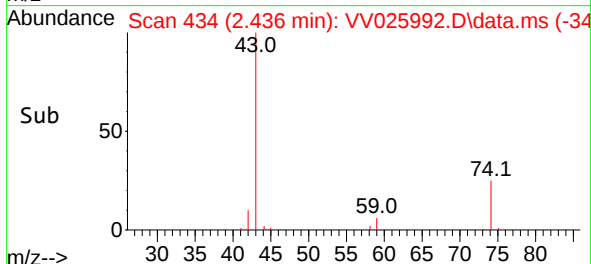
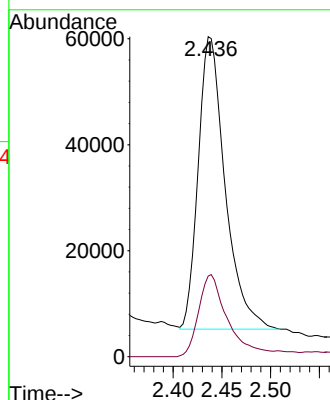
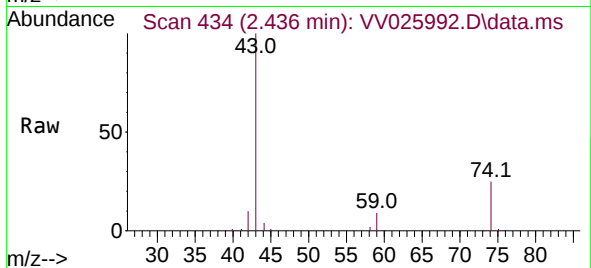




#15
Methyl Acetate
Concen: 38.075 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

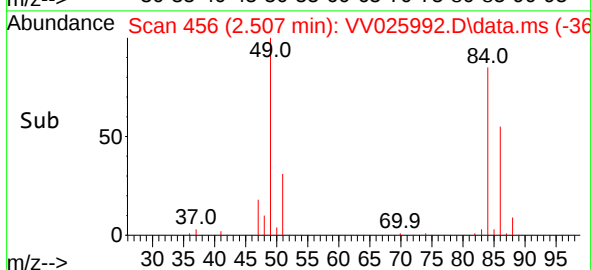
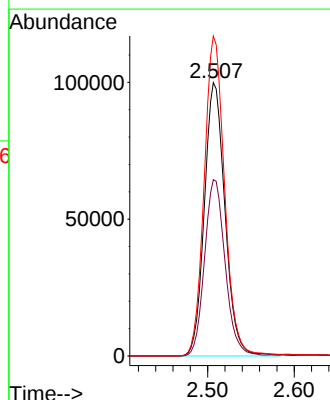
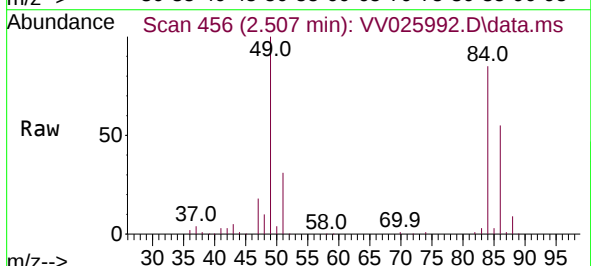
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

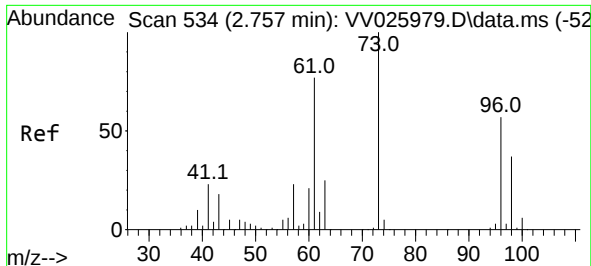
Tgt Ion: 43 Resp: 106147
Ion Ratio Lower Upper
43 100
74 30.5 20.7 31.1



#16
Methylene chloride
Concen: 52.440 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion: 84 Resp: 165303
Ion Ratio Lower Upper
84 100
86 64.6 44.2 82.0
49 117.1 82.7 153.5

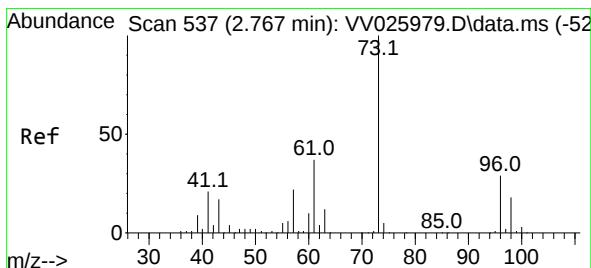
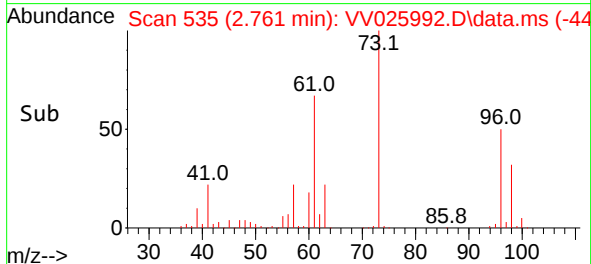
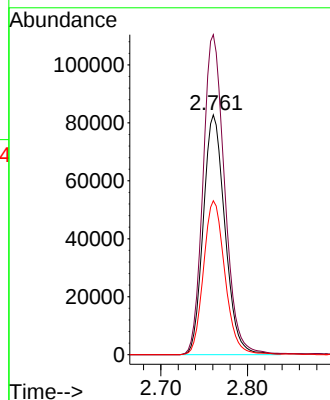
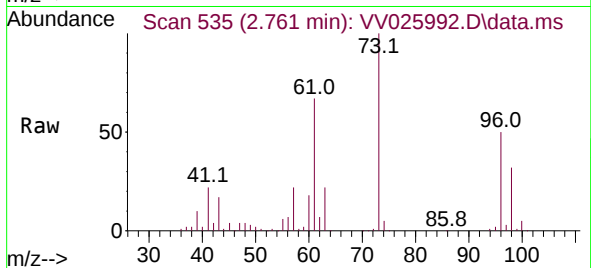




#17
trans-1,2-Dichloroethene
Concen: 51.511 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

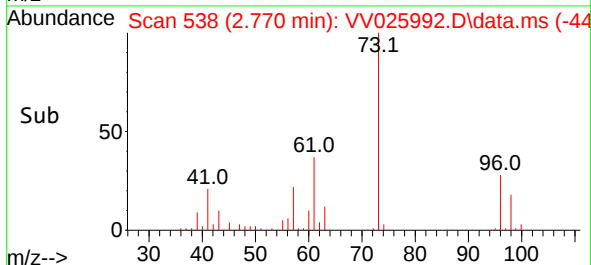
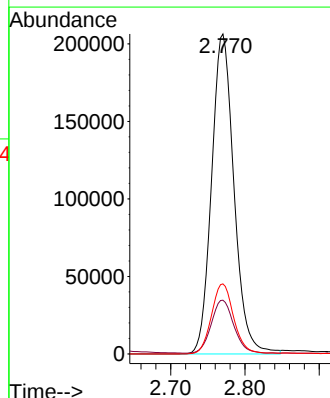
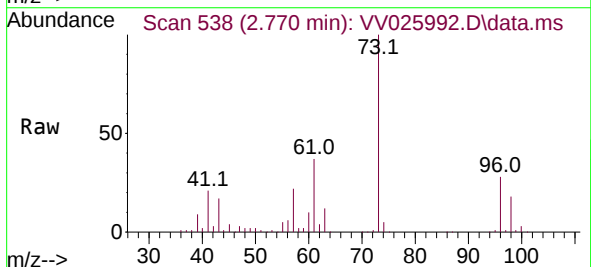
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

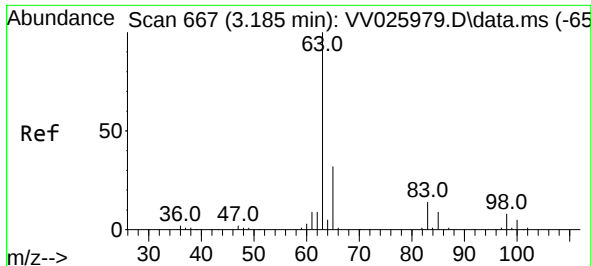
Tgt Ion: 96 Resp: 144024
Ion Ratio Lower Upper
96 100
61 133.4 92.7 172.1
98 64.2 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 53.215 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion: 73 Resp: 432727
Ion Ratio Lower Upper
73 100
43 16.5 14.6 22.0
57 21.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 53.123 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050299

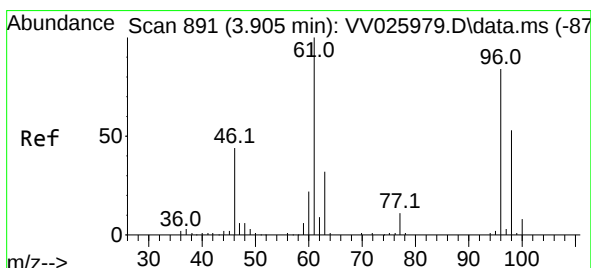
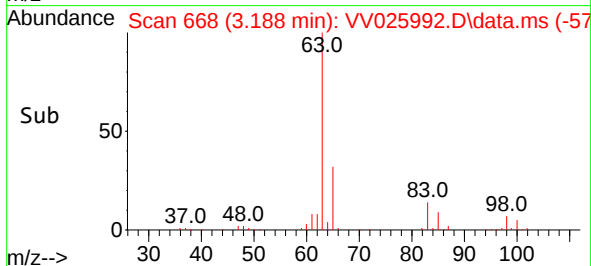
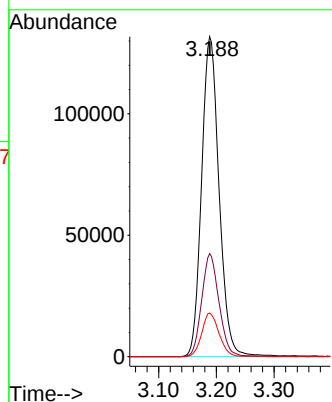
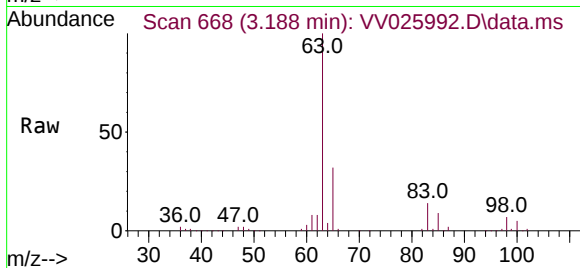
Tgt Ion: 63 Resp: 277426

Ion Ratio Lower Upper

63 100

65 32.2 22.0 40.8

83 13.6 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 51.008 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

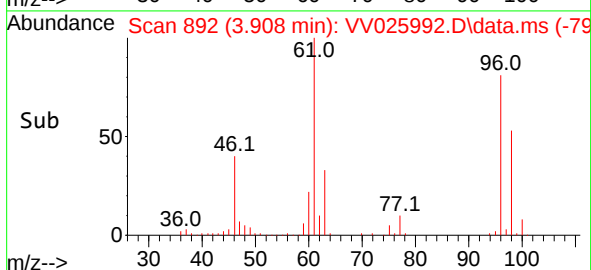
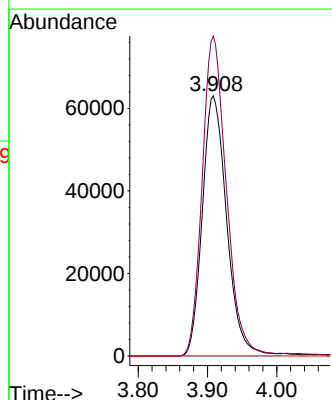
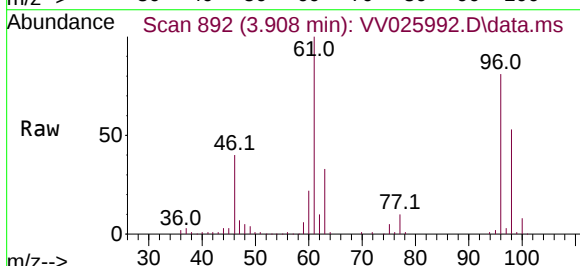
Tgt Ion: 96 Resp: 153942

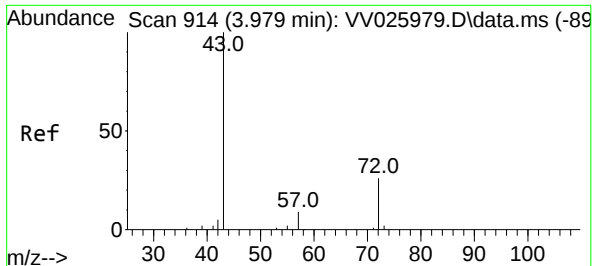
Ion Ratio Lower Upper

96 100

61 123.0 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 103.974 ug/L

RT: 3.976 min Scan# 914

Delta R.T. -0.003 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

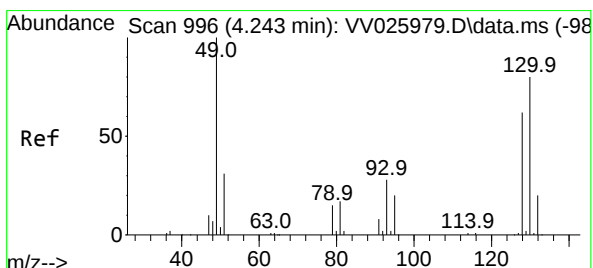
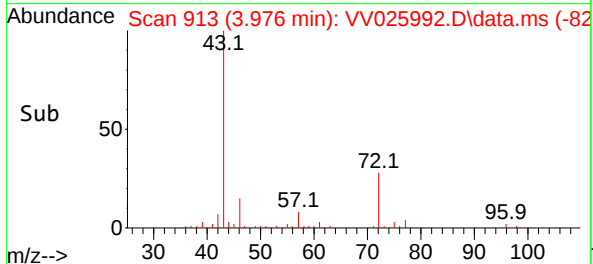
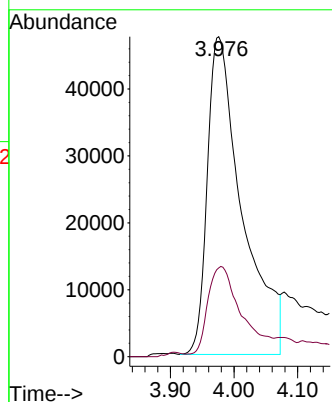
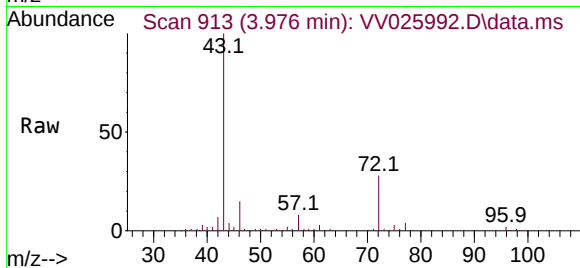
VSTD050299

Tgt Ion: 43 Resp: 180431

Ion Ratio Lower Upper

43 100

72 26.5 13.8 41.4



#23

Bromochloromethane

Concen: 52.014 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Tgt Ion: 128 Resp: 82916

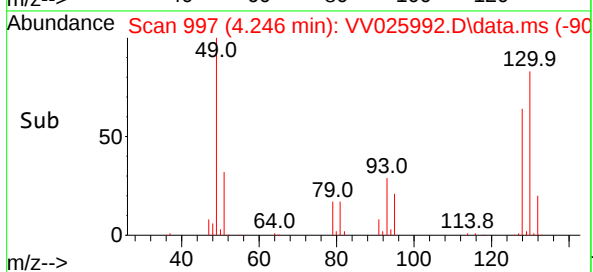
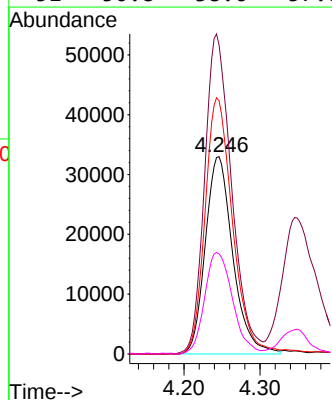
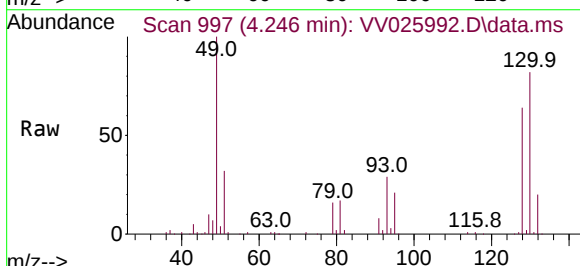
Ion Ratio Lower Upper

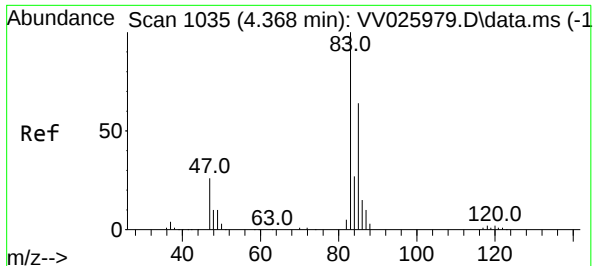
128 100

49 156.6 111.0 206.2

130 128.4 87.1 161.7

51 50.8 38.6 57.8





#25

Chloroform

Concen: 51.905 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

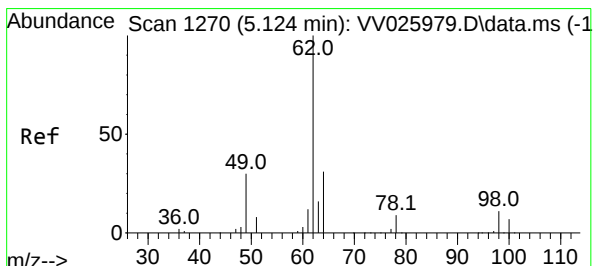
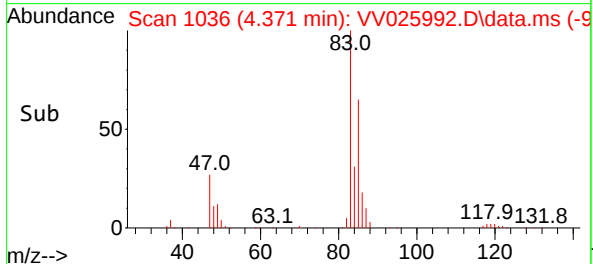
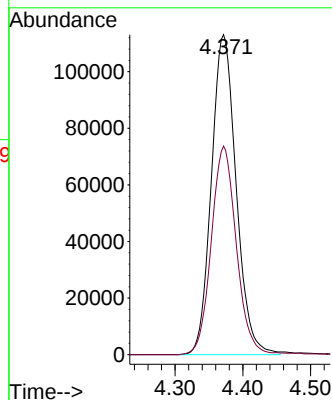
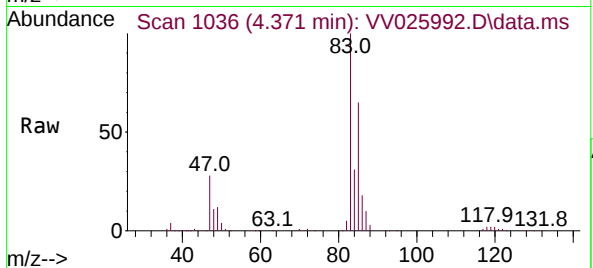
VSTD050299

Tgt Ion: 83 Resp: 287239

Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.3



#27

1,2-Dichloroethane

Concen: 49.680 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV025992.D

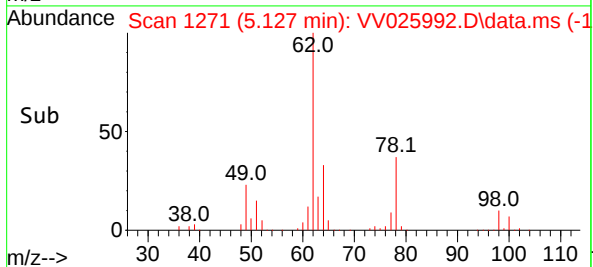
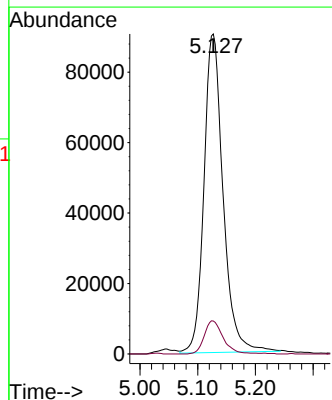
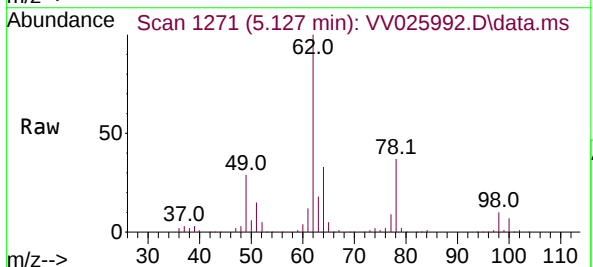
Acq: 06 Jun 2022 09:38

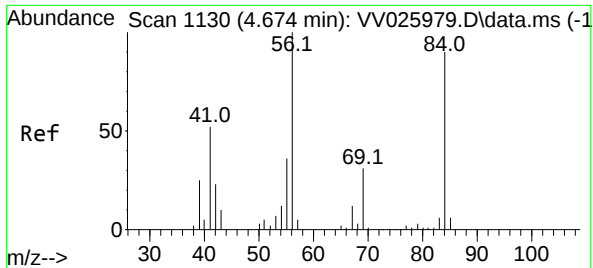
Tgt Ion: 62 Resp: 207858

Ion Ratio Lower Upper

62 100

98 10.3 7.7 11.5





#29

Cyclohexane

Concen: 52.744 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050299

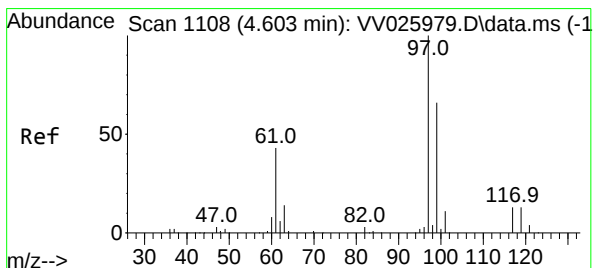
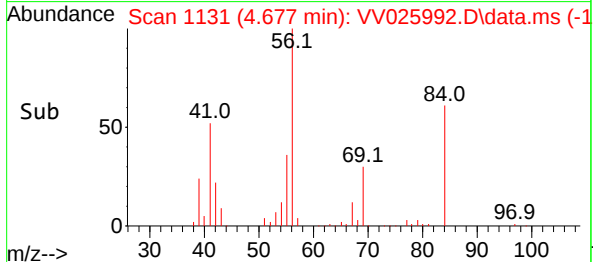
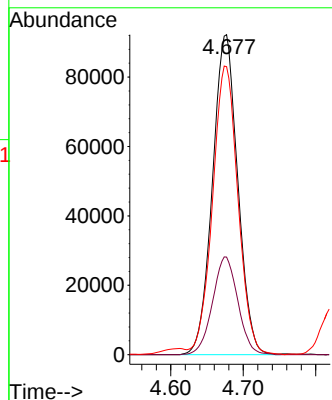
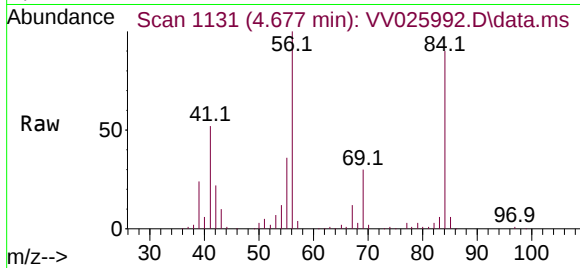
Tgt Ion: 56 Resp: 223164

Ion Ratio Lower Upper

56 100

69 30.6 24.8 37.2

84 90.8 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 52.857 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

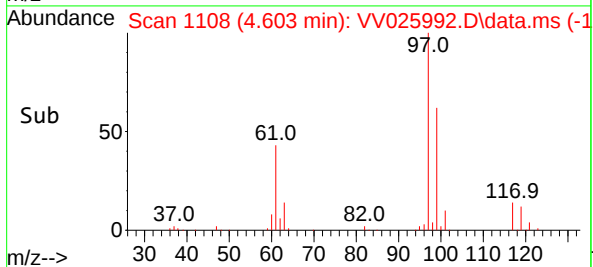
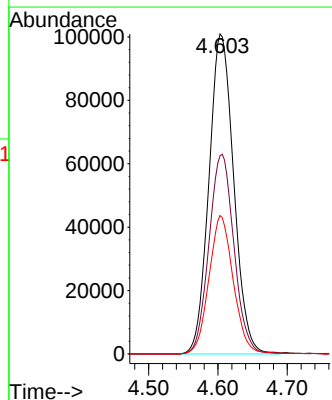
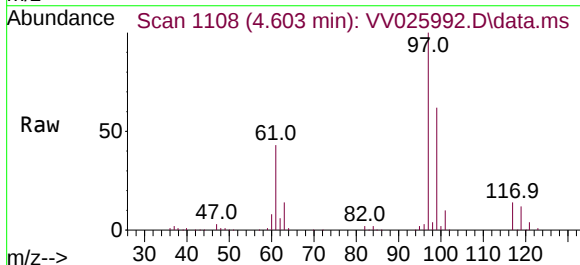
Tgt Ion: 97 Resp: 250879

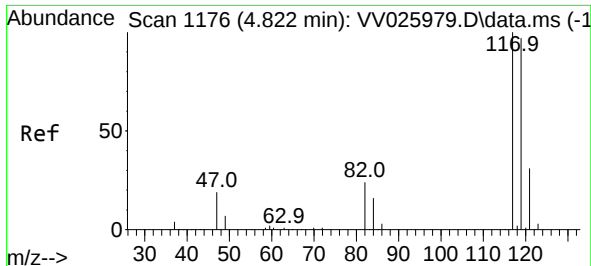
Ion Ratio Lower Upper

97 100

99 62.9 52.6 78.8

61 42.4 35.6 53.4

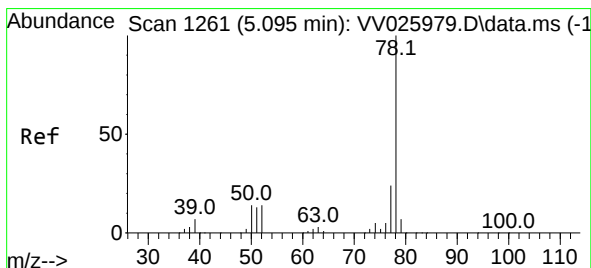
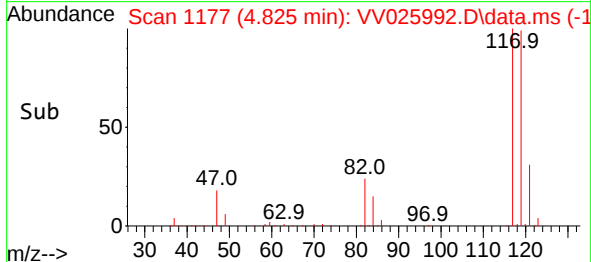
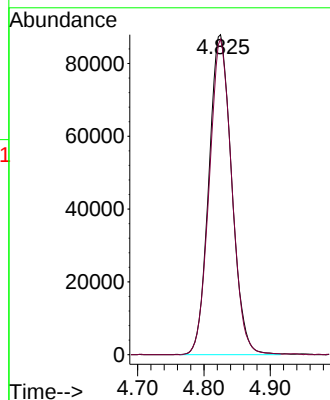
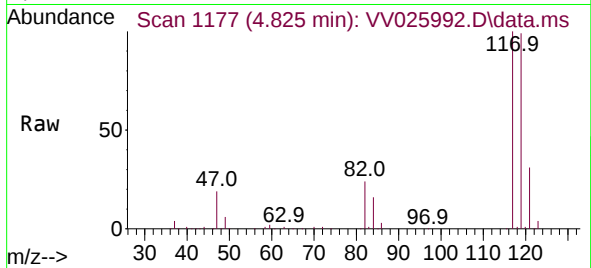




#31
Carbon tetrachloride
Concen: 52.870 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

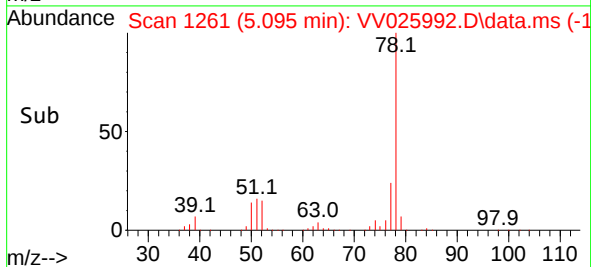
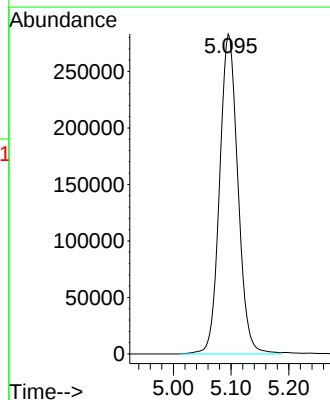
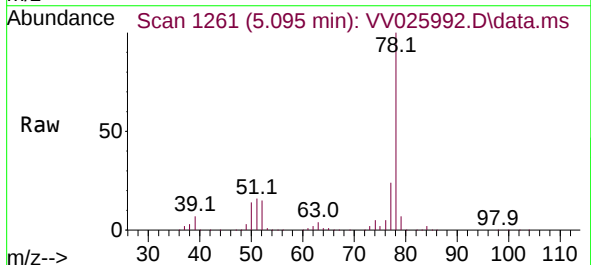
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

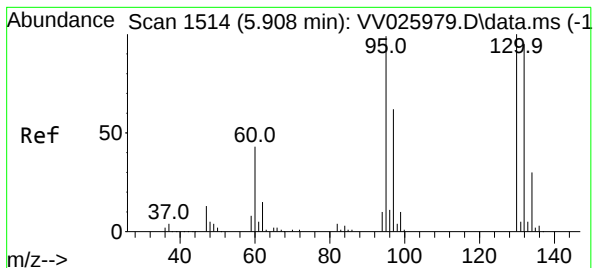
Tgt Ion:117 Resp: 210675
Ion Ratio Lower Upper
117 100
119 97.2 76.9 115.3



#33
Benzene
Concen: 52.920 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion: 78 Resp: 622740





#34

Trichloroethene

Concen: 52.447 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050299

Tgt Ion: 95 Resp: 161425

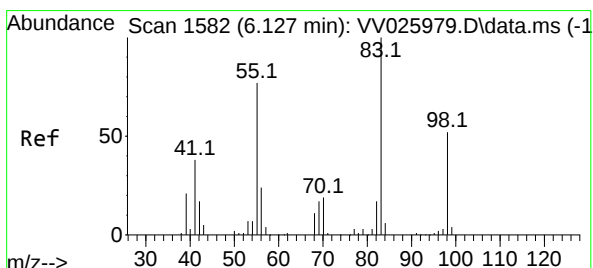
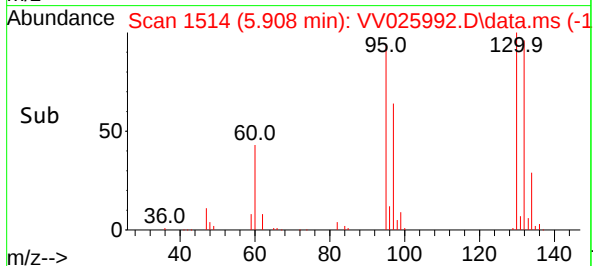
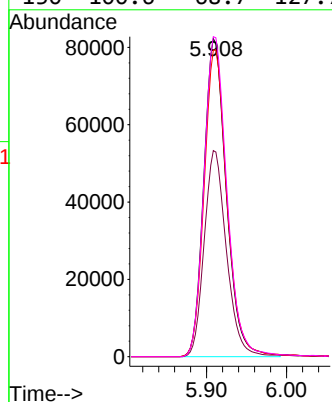
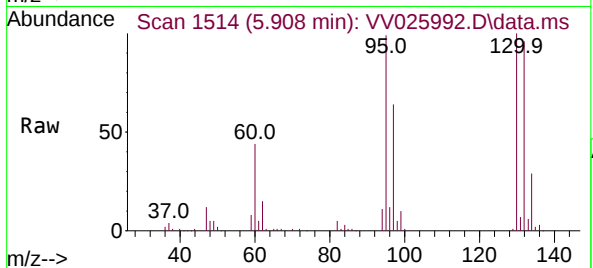
Ion Ratio Lower Upper

95 100

97 64.8 44.2 82.0

132 96.4 67.7 125.7

130 100.6 68.7 127.7



#35

Methylcyclohexane

Concen: 55.081 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

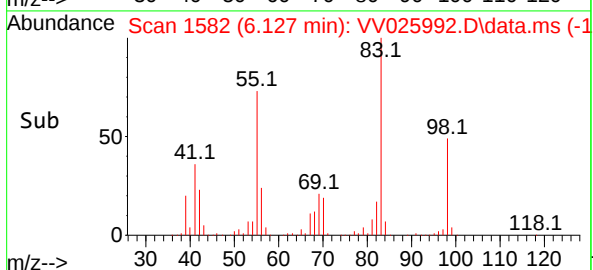
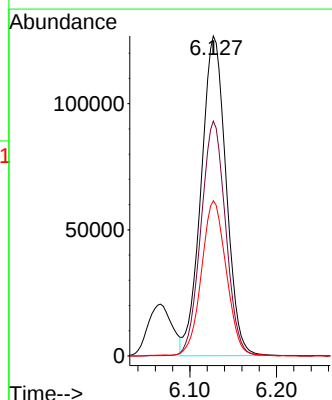
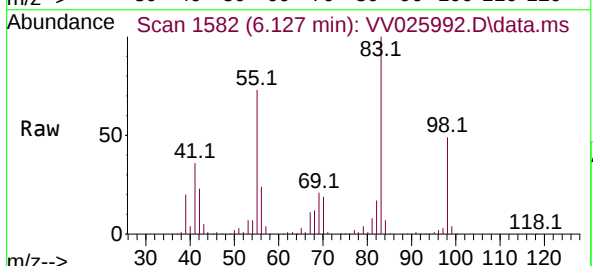
Tgt Ion: 83 Resp: 253909

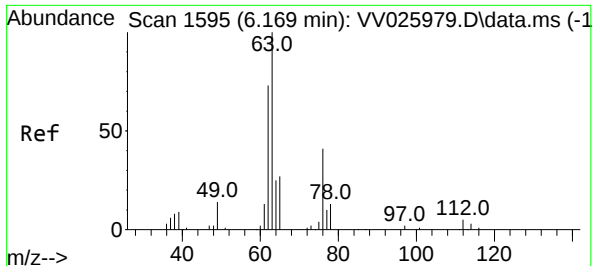
Ion Ratio Lower Upper

83 100

55 72.4 58.6 87.8

98 48.4 39.1 58.7





#37

1,2-Dichloropropane

Concen: 55.103 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

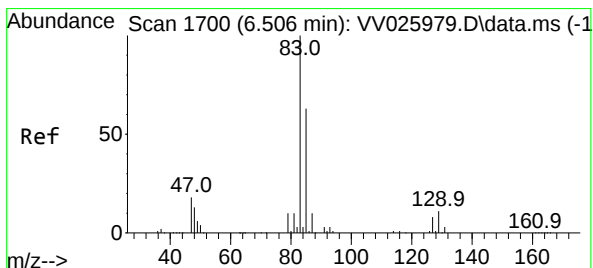
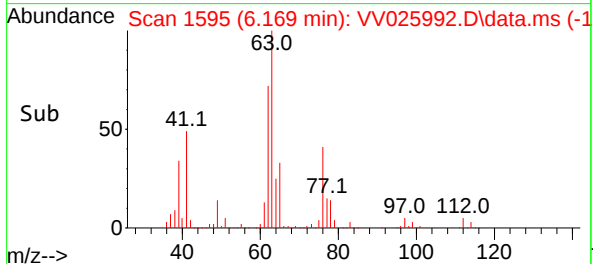
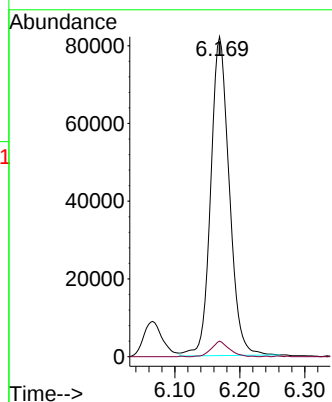
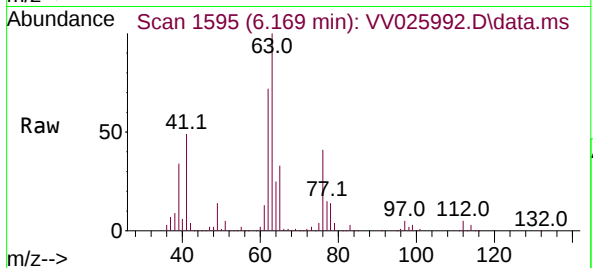
VSTD050299

Tgt Ion: 63 Resp: 162889

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 53.480 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

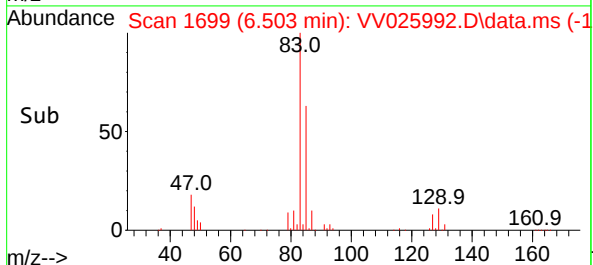
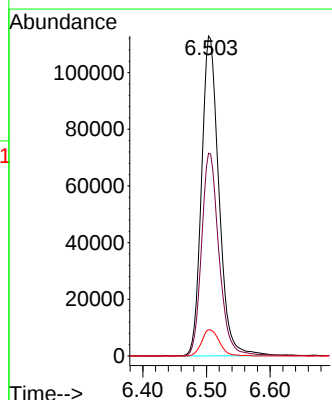
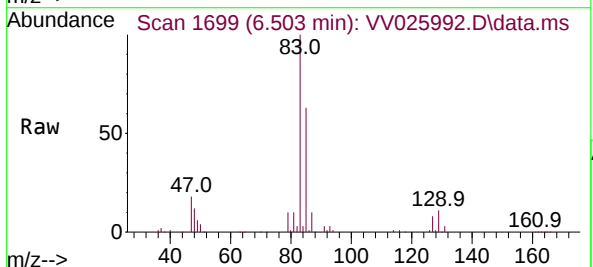
Tgt Ion: 83 Resp: 213784

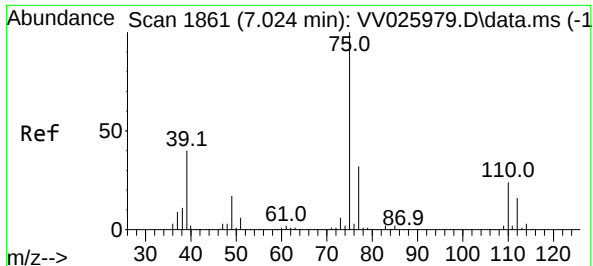
Ion Ratio Lower Upper

83 100

85 63.4 46.0 85.4

127 8.2 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 54.165 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

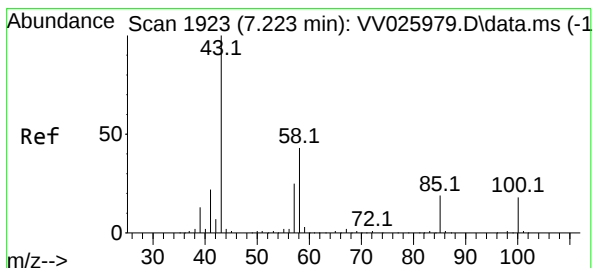
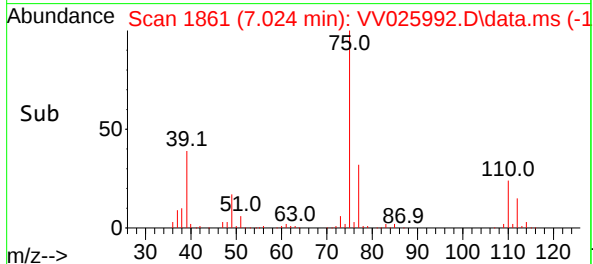
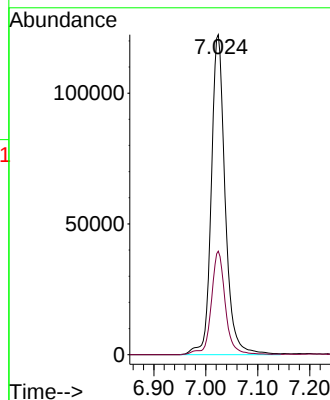
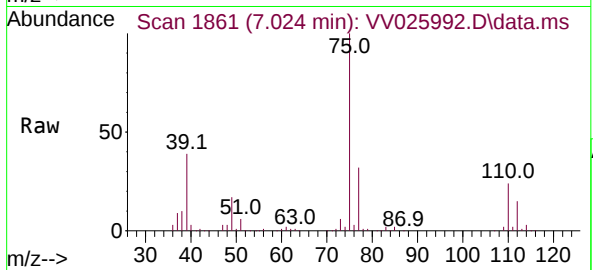
VSTD050299

Tgt Ion: 75 Resp: 228331

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 106.724 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

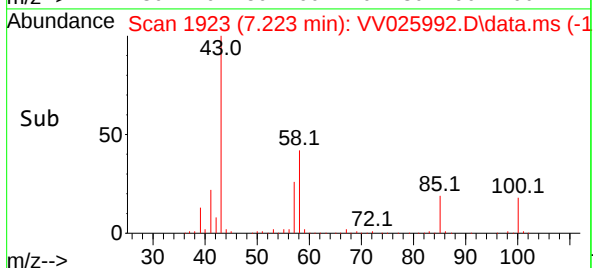
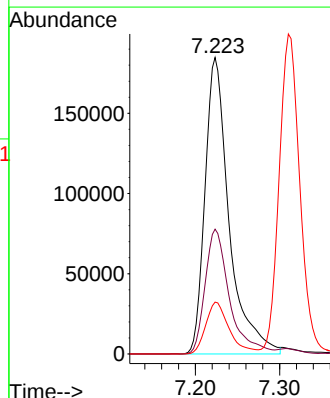
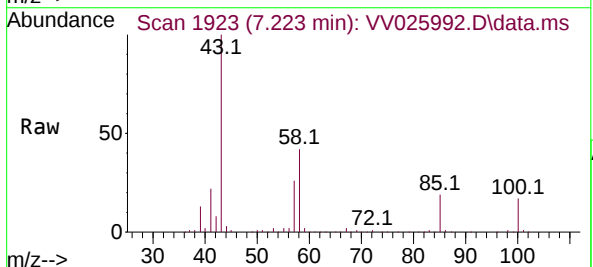
Tgt Ion: 43 Resp: 368773

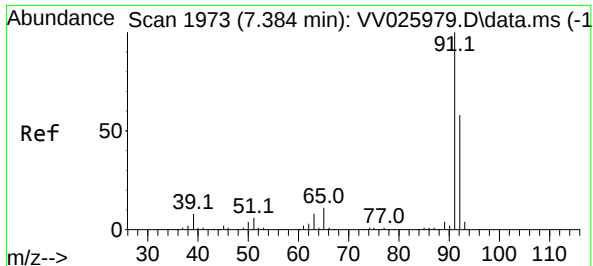
Ion Ratio Lower Upper

43 100

58 42.5 32.9 49.3

100 17.1 13.7 20.5

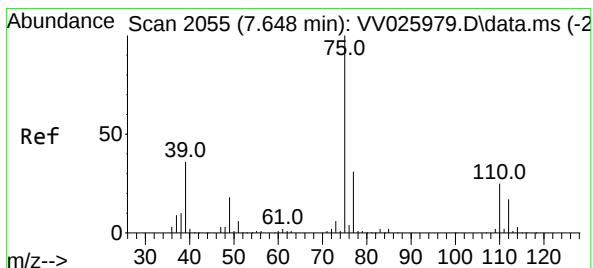
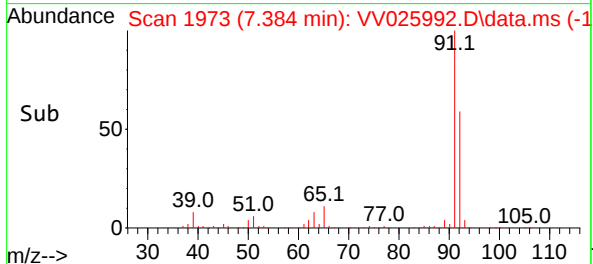
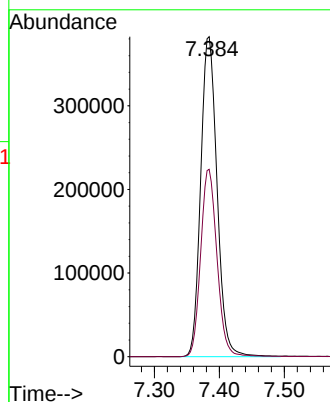
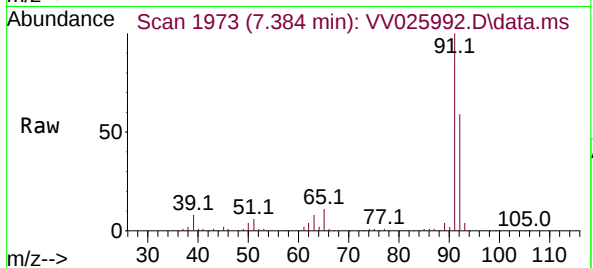




#42
Toluene
Concen: 53.216 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

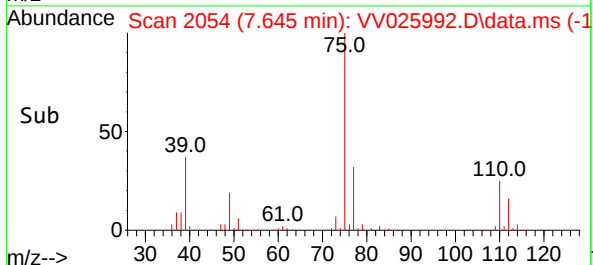
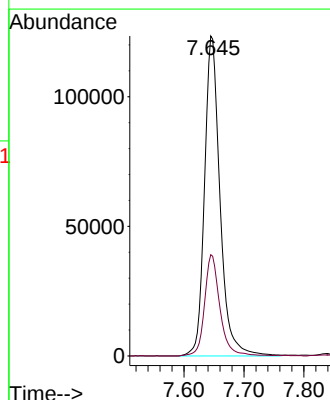
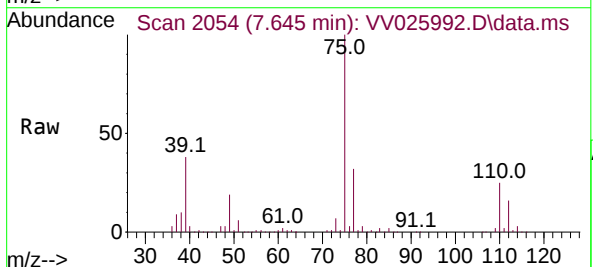
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

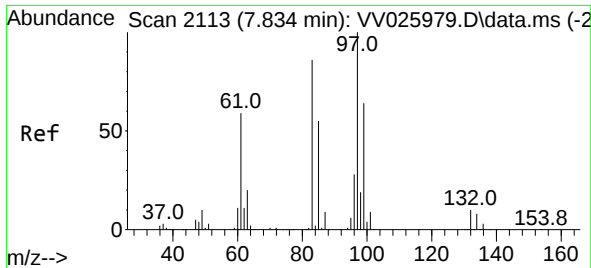
Tgt Ion: 91 Resp: 671793
Ion Ratio Lower Upper
91 100
92 58.6 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 54.891 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. -0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion: 75 Resp: 222611
Ion Ratio Lower Upper
75 100
77 31.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 53.801 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050299

Tgt Ion: 97 Resp: 161598

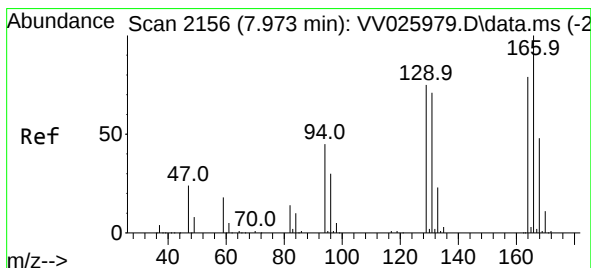
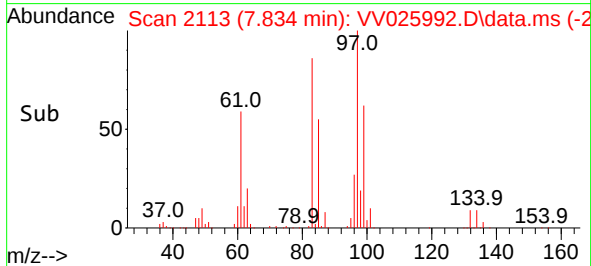
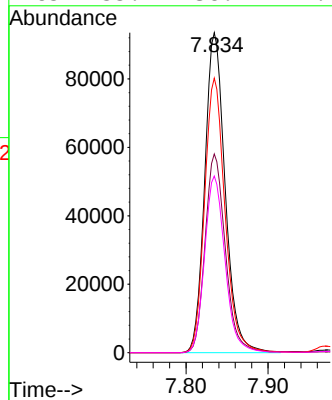
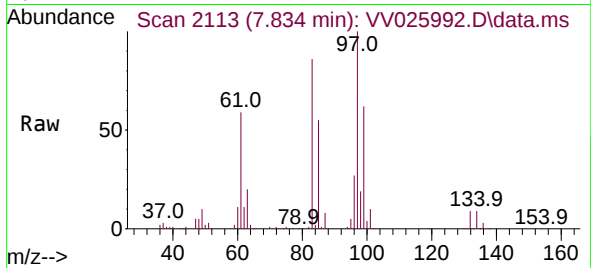
Ion Ratio Lower Upper

97 100

99 62.1 42.6 79.0

83 85.8 59.7 110.9

85 55.2 38.4 71.4



#46

Tetrachloroethene

Concen: 53.439 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Tgt Ion:164 Resp: 121328

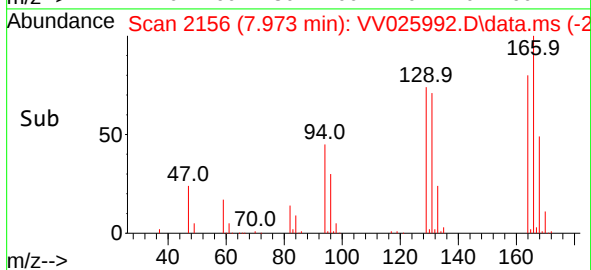
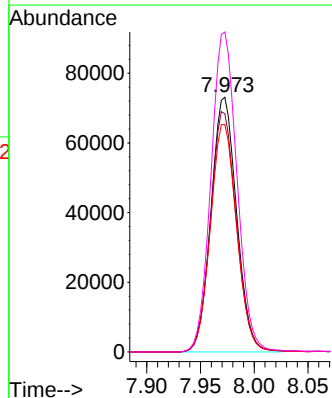
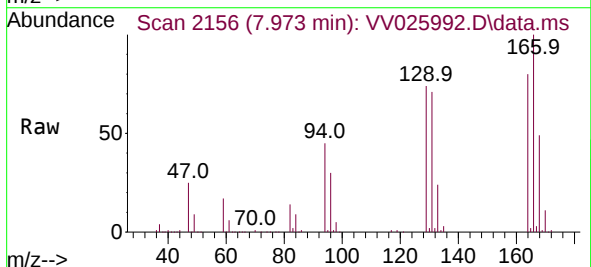
Ion Ratio Lower Upper

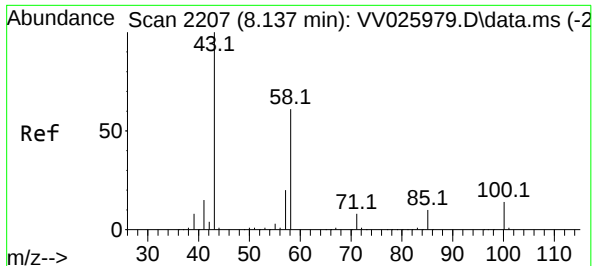
164 100

129 93.6 66.8 124.2

131 89.3 66.7 123.9

166 125.7 86.5 160.7

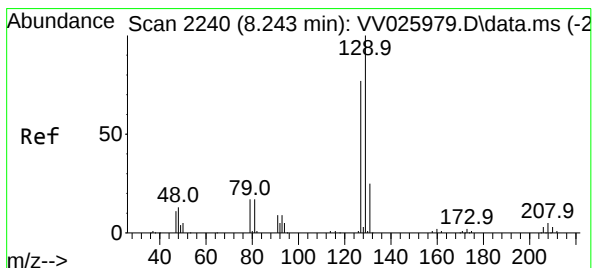
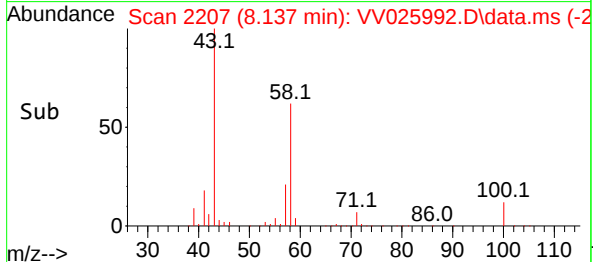
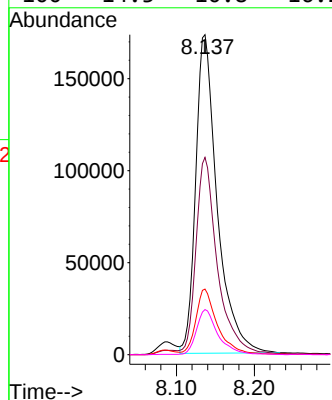
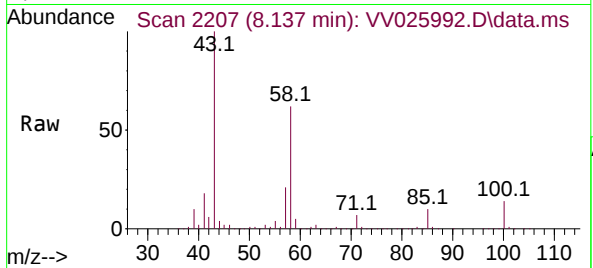




#48
2-Hexanone
Concen: 123.715 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

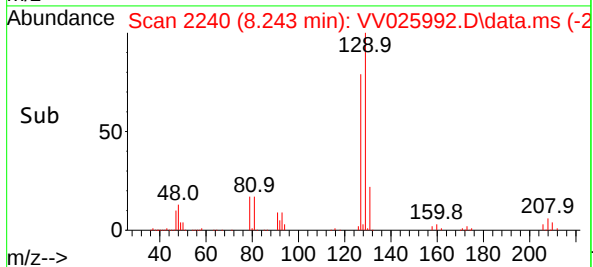
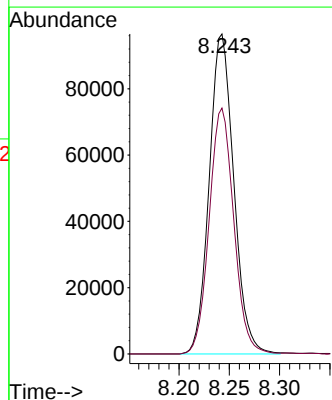
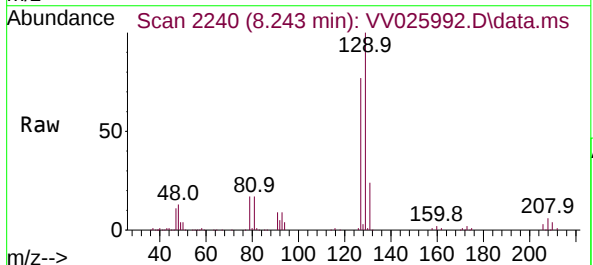
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

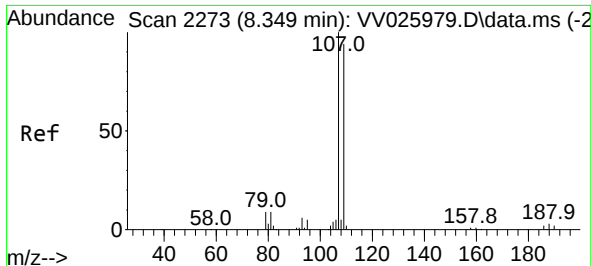
Tgt Ion: 43 Resp: 332611
Ion Ratio Lower Upper
43 100
58 61.0 45.9 68.9
57 20.4 15.4 23.2
100 14.3 10.8 16.2



#49
Dibromochloromethane
Concen: 55.399 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion: 129 Resp: 164130
Ion Ratio Lower Upper
129 100
127 76.9 53.5 99.5





#50

1,2-Dibromoethane

Concen: 52.714 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050299

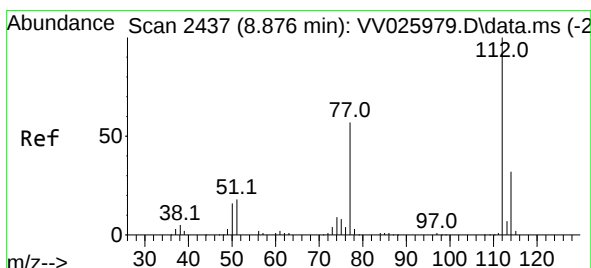
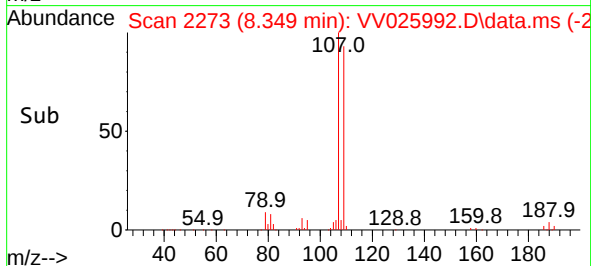
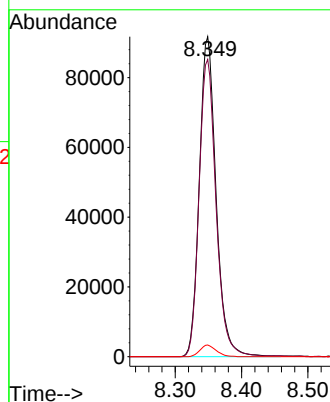
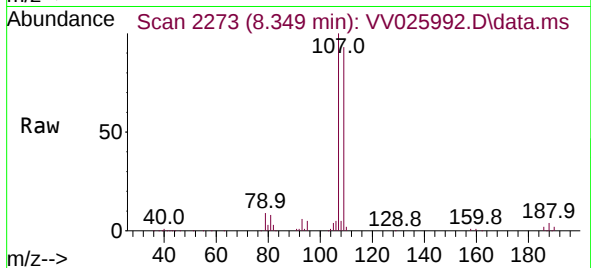
Tgt Ion:107 Resp: 161011

Ion Ratio Lower Upper

107 100

109 92.9 64.1 119.1

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 52.252 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

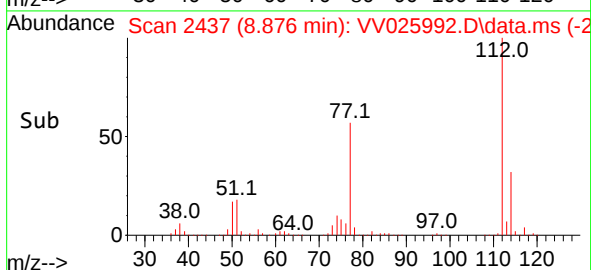
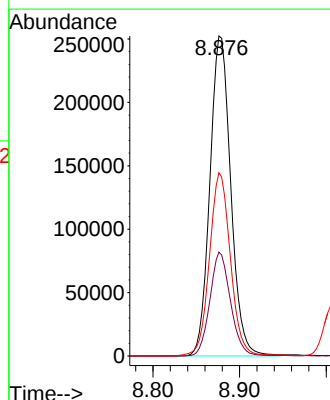
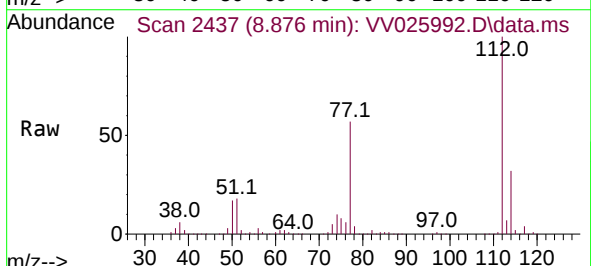
Tgt Ion:112 Resp: 422385

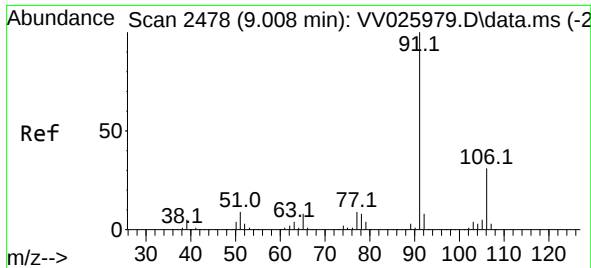
Ion Ratio Lower Upper

112 100

114 32.4 22.0 40.8

77 57.3 45.3 67.9

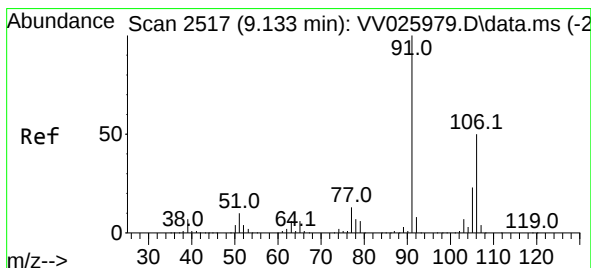
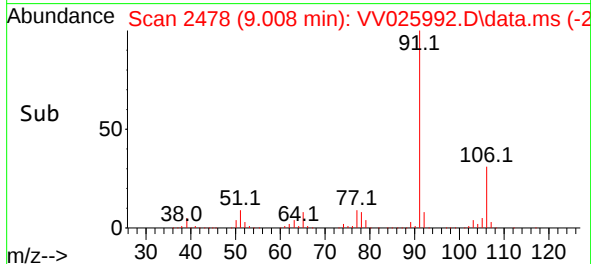
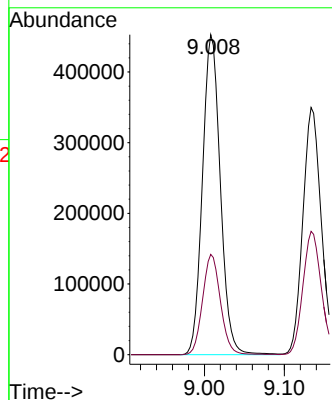
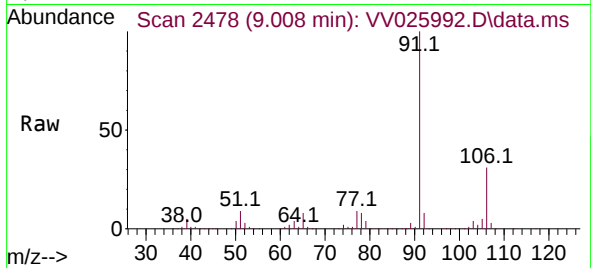




#52
Ethylbenzene
Concen: 54.212 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

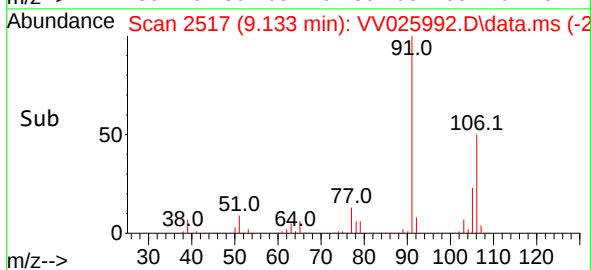
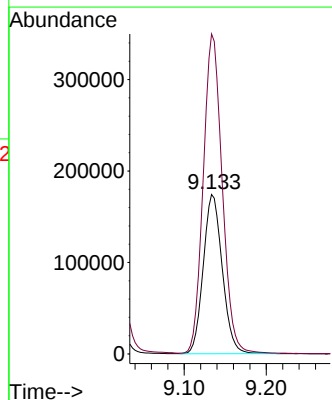
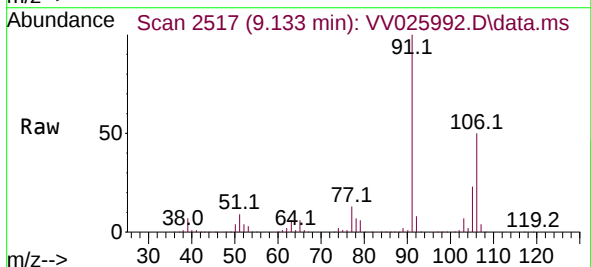
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

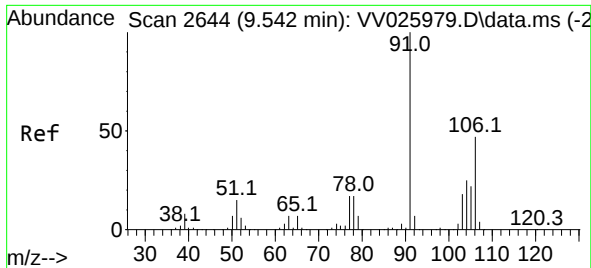
Tgt Ion: 91 Resp: 706054
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6



#53
m,p-Xylene
Concen: 55.485 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion: 106 Resp: 280290
Ion Ratio Lower Upper
106 100
91 200.5 142.0 263.6

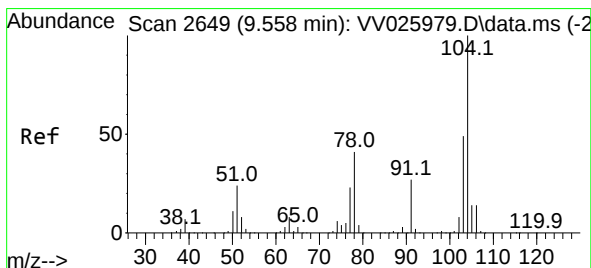
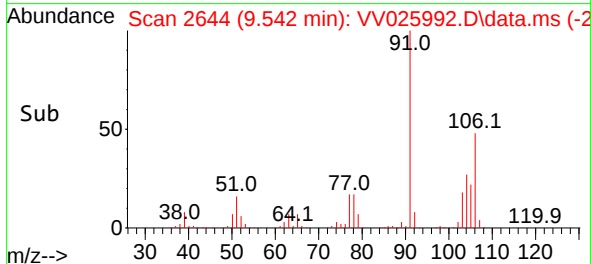
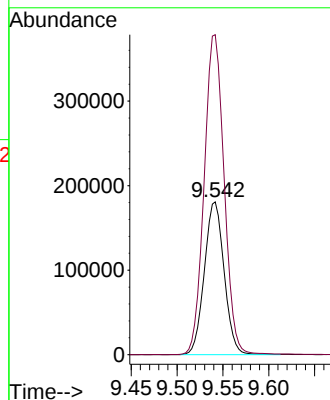
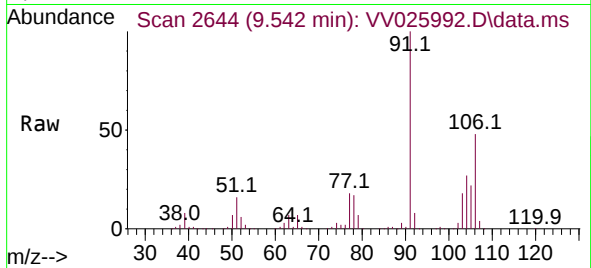




#54
o-Xylene
Concen: 54.625 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

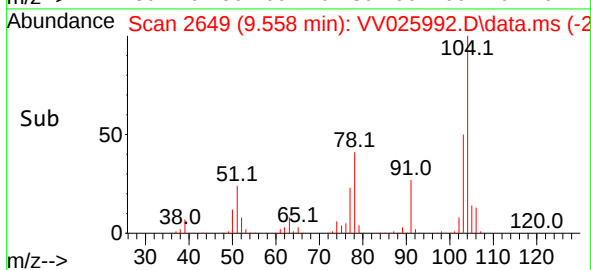
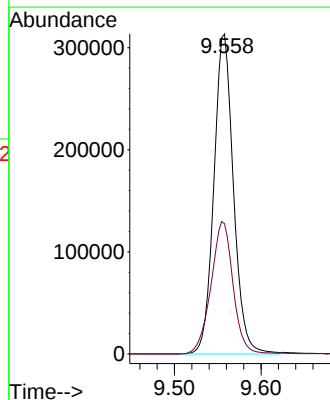
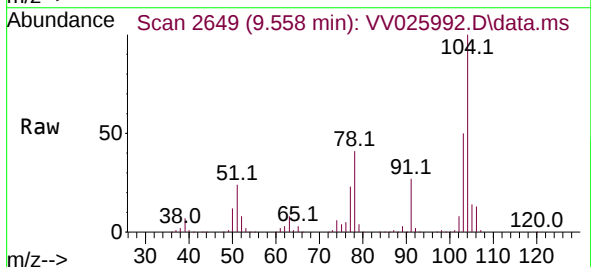
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

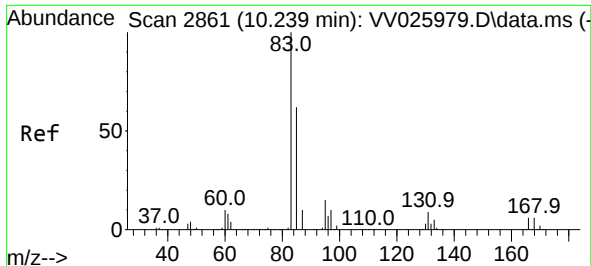
Tgt Ion:106 Resp: 271066
Ion Ratio Lower Upper
106 100
91 209.4 147.4 273.8



#55
Styrene
Concen: 56.999 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion:104 Resp: 492851
Ion Ratio Lower Upper
104 100
78 40.7 29.8 55.3

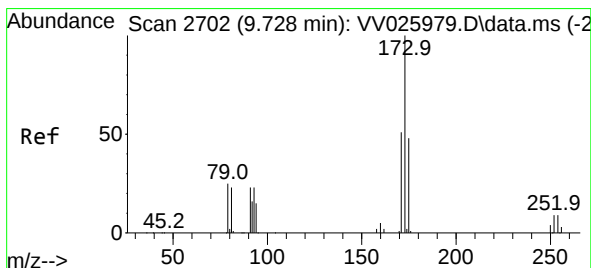
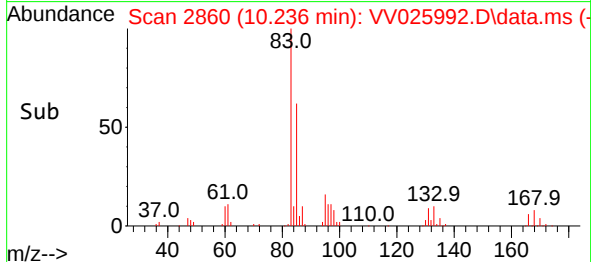
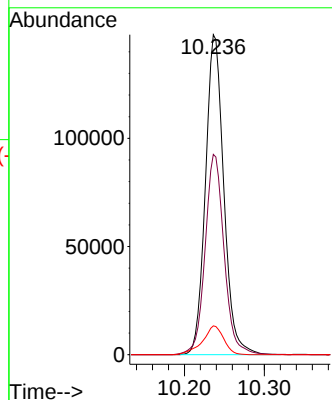
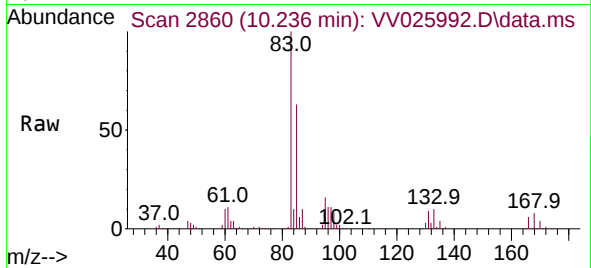




#57
1,1,2,2-Tetrachloroethane
Concen: 52.711 ug/L
RT: 10.236 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

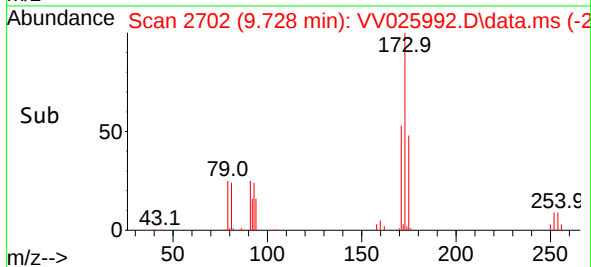
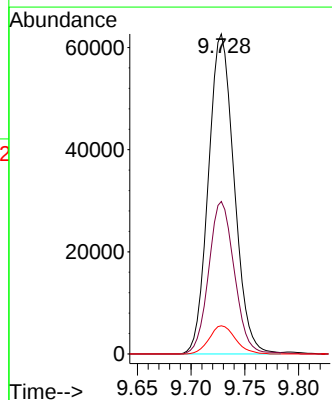
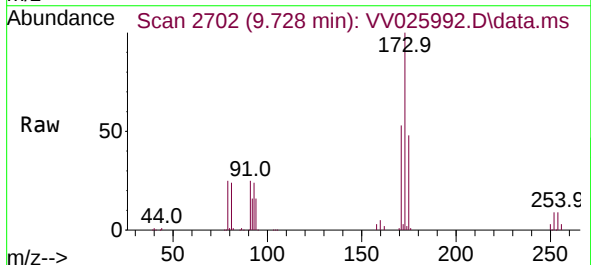
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

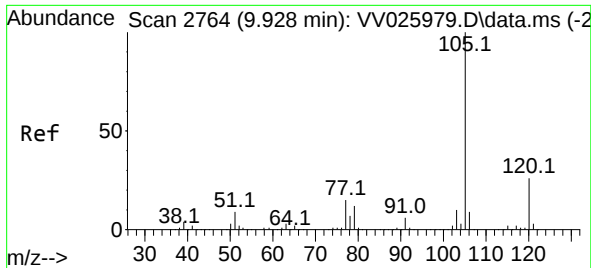
Tgt Ion: 83 Resp: 236223
Ion Ratio Lower Upper
83 100
85 62.6 44.7 82.9
131 9.0 7.5 11.3



#59
Bromoform
Concen: 52.980 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion: 173 Resp: 104306
Ion Ratio Lower Upper
173 100
175 47.6 38.1 57.1
254 9.0 7.0 10.6

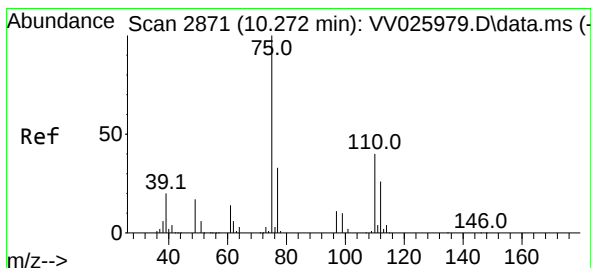
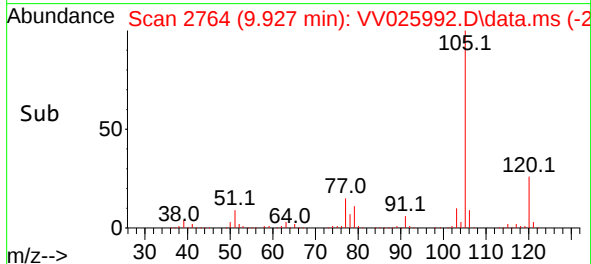
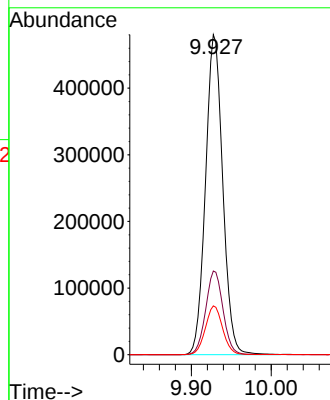
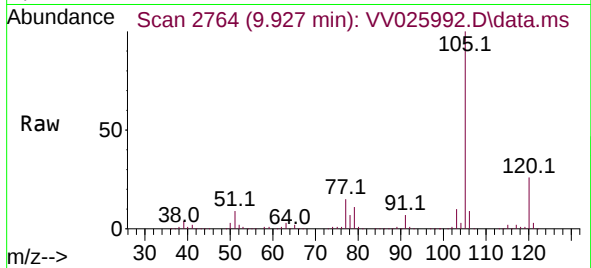




#60
Isopropylbenzene
Concen: 52.722 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

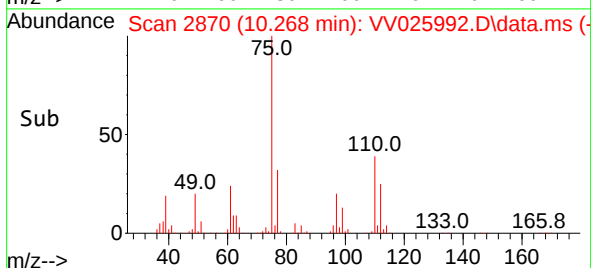
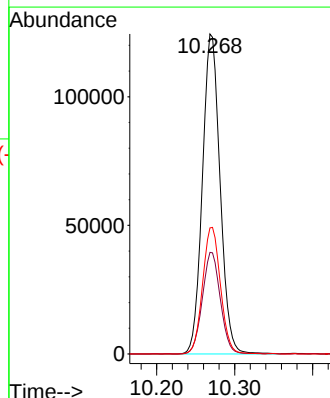
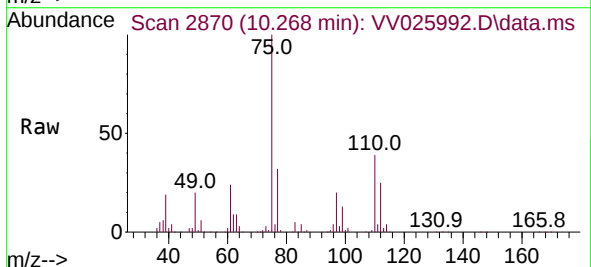
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

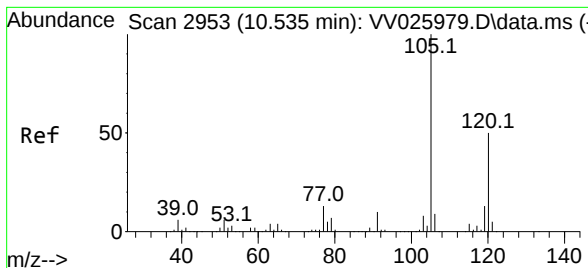
Tgt Ion:105 Resp: 720756
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 48.533 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion: 75 Resp: 196058
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 40.0 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 52.101 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

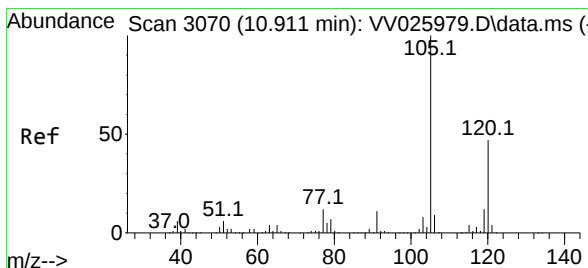
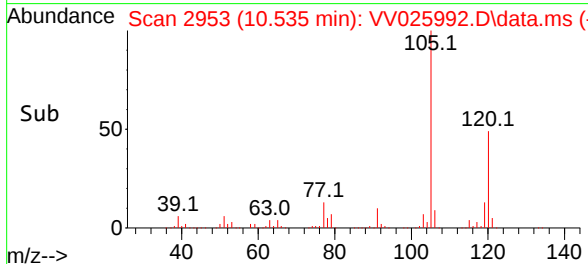
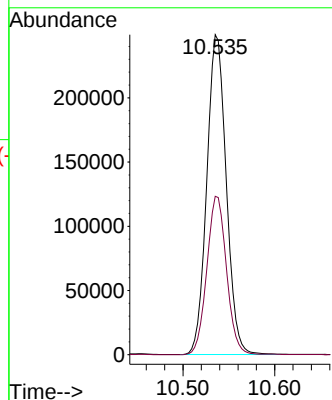
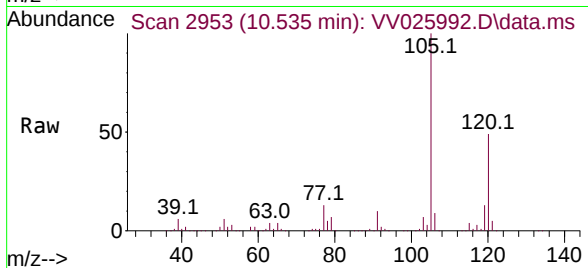
VSTD050299

Tgt Ion:105 Resp: 367133

Ion Ratio Lower Upper

105 100

120 50.0 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 54.122 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025992.D

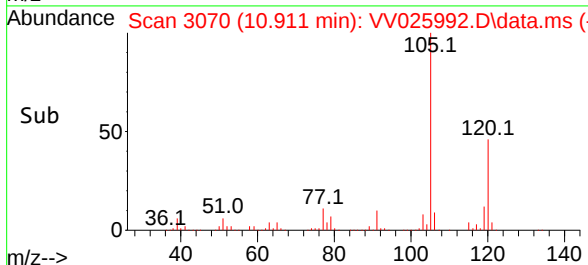
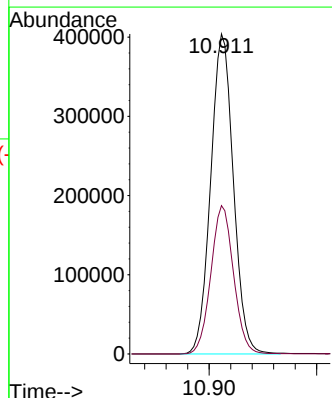
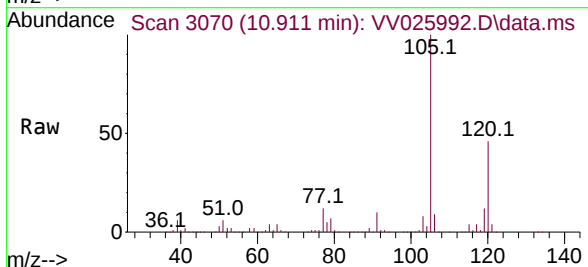
Acq: 06 Jun 2022 09:38

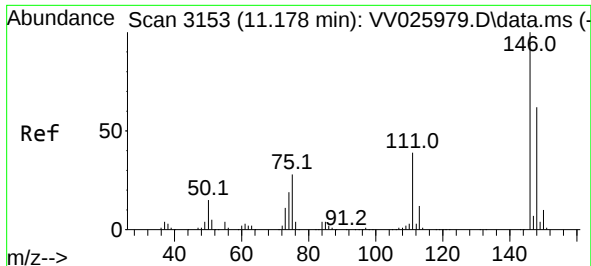
Tgt Ion:105 Resp: 591715

Ion Ratio Lower Upper

105 100

120 46.4 36.6 55.0

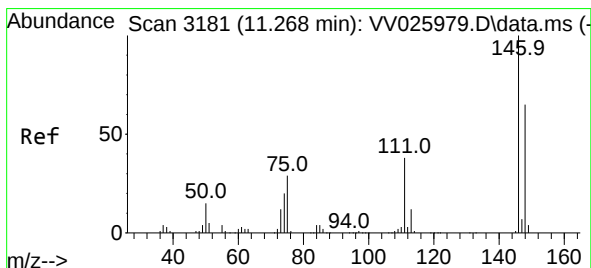
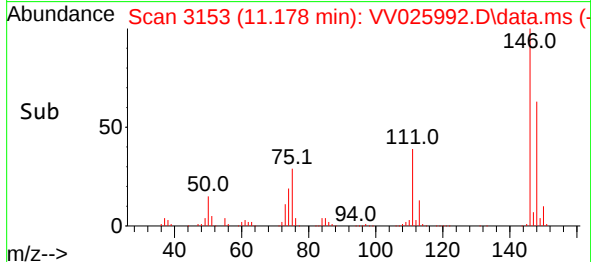
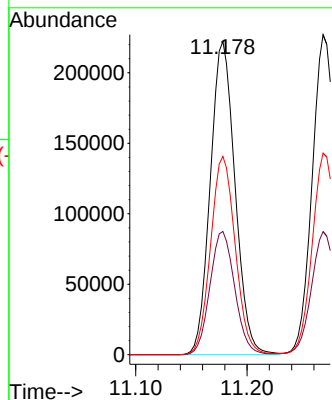
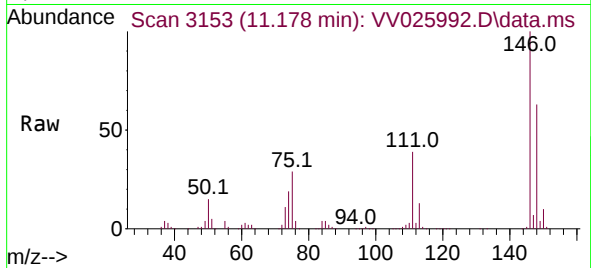




#64
1,3-Dichlorobenzene
Concen: 53.063 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

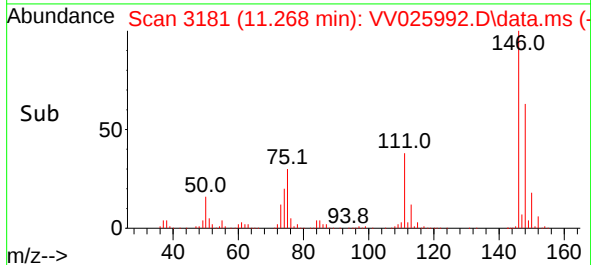
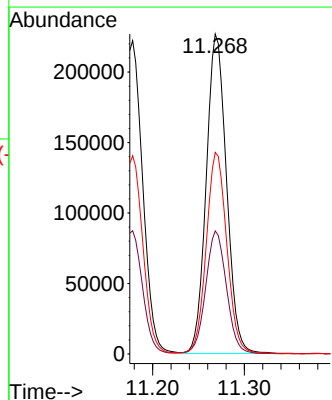
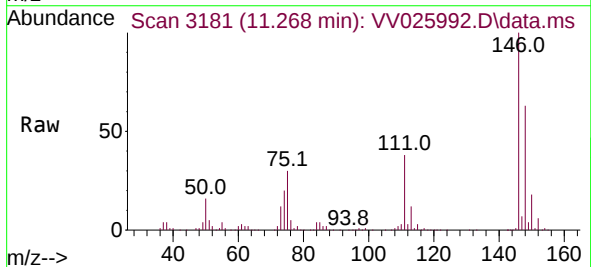
Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

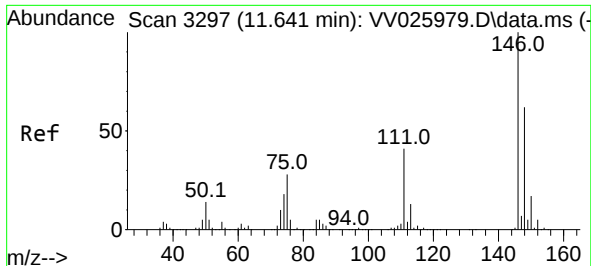
Tgt Ion:146 Resp: 343371
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.1
148 63.3 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 51.280 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion:146 Resp: 347755
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 63.0 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 50.927 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD050299

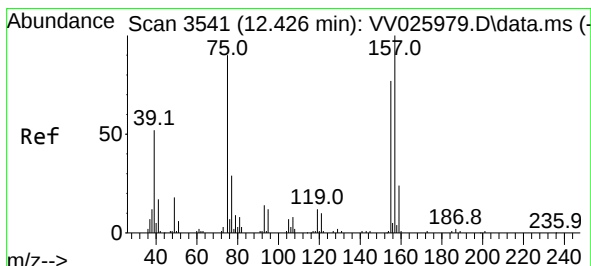
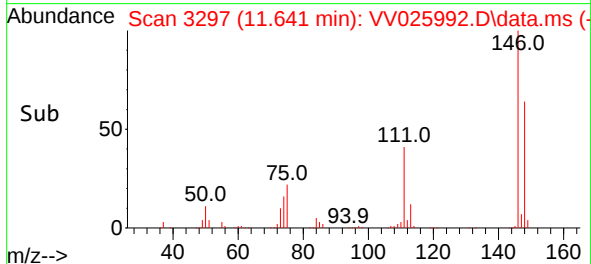
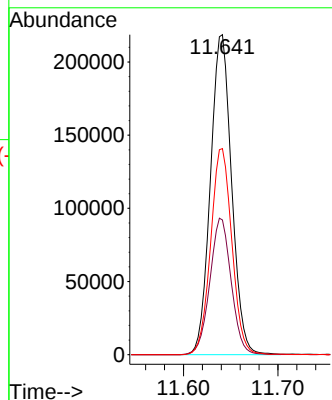
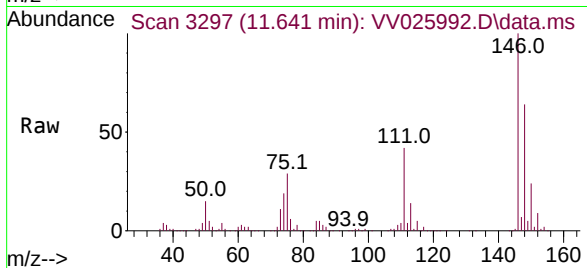
Tgt Ion:146 Resp: 340872

Ion Ratio Lower Upper

146 100

111 42.1 33.7 50.5

148 64.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 46.791 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025992.D

Acq: 06 Jun 2022 09:38

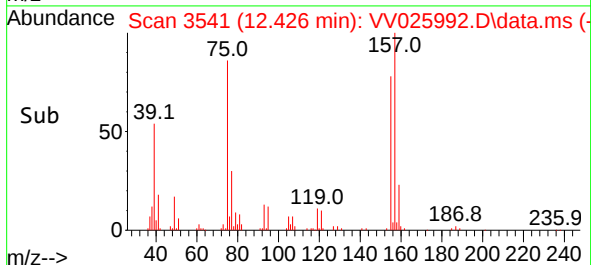
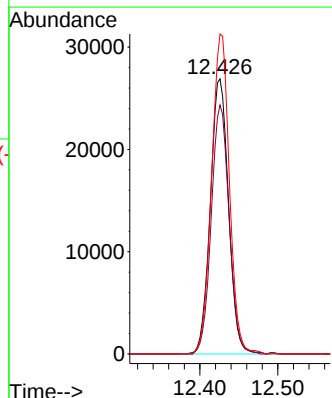
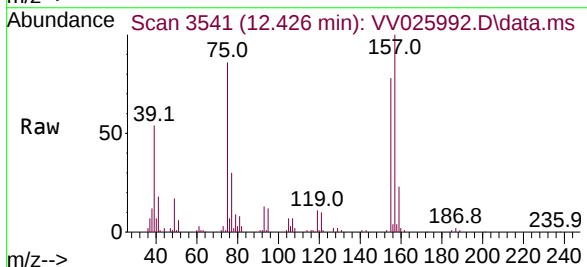
Tgt Ion: 75 Resp: 43639

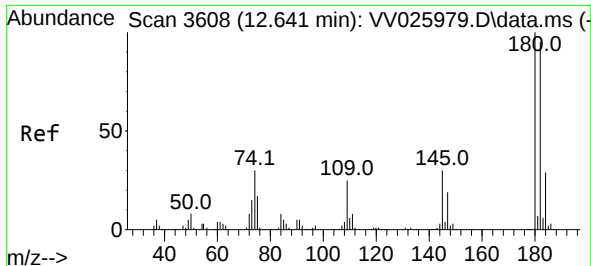
Ion Ratio Lower Upper

75 100

155 90.5 66.8 100.2

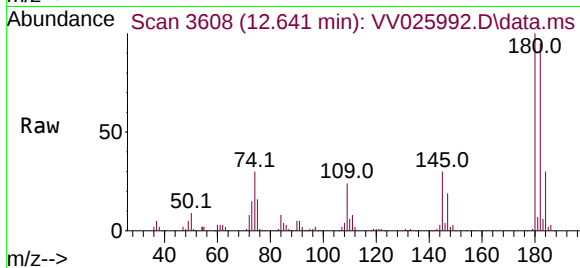
157 116.4 82.5 123.7



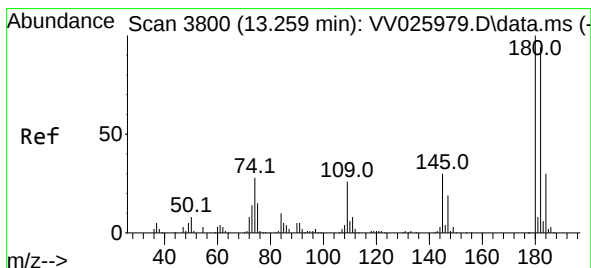
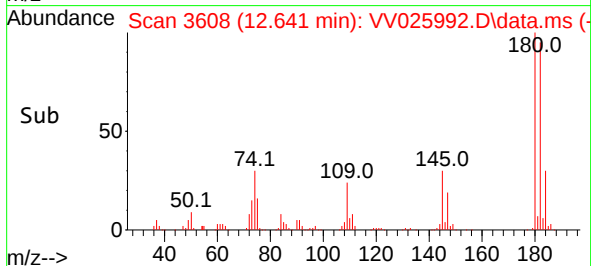
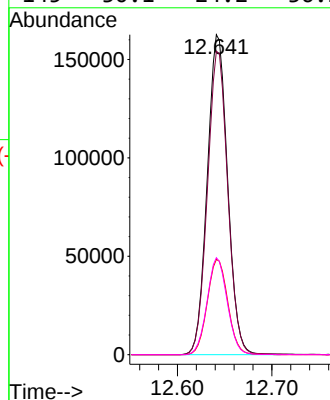


#69
1,3,5-Trichlorobenzene
Concen: 54.382 ug/L
RT: 12.641 min Scan# 3608
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

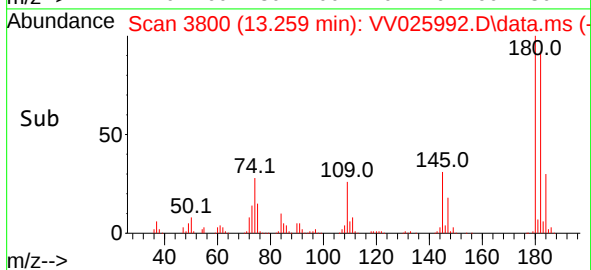
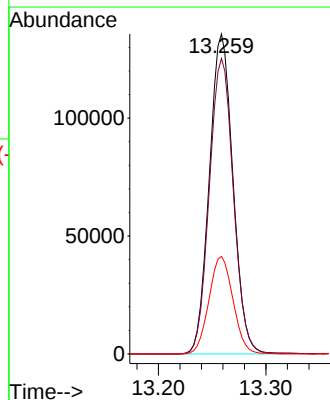
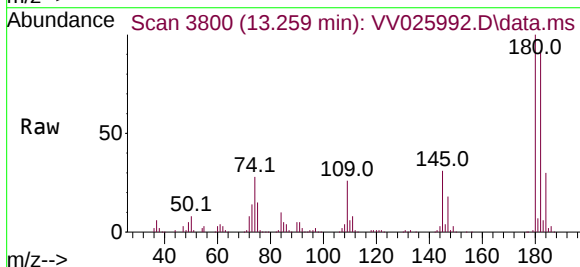


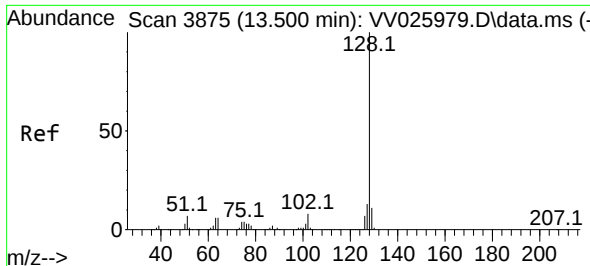
Tgt Ion:180 Resp: 242981
Ion Ratio Lower Upper
180 100
182 94.7 75.1 112.7
184 30.1 23.6 35.4
145 30.1 24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 54.409 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion:180 Resp: 207011
Ion Ratio Lower Upper
180 100
182 94.1 74.8 112.2
145 31.1 24.8 37.2

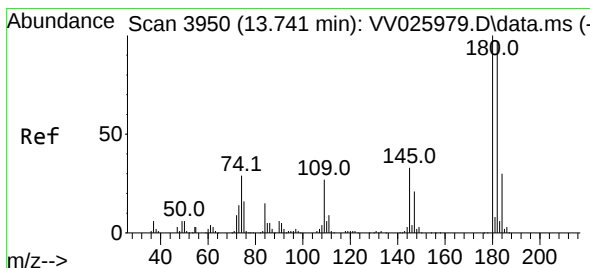
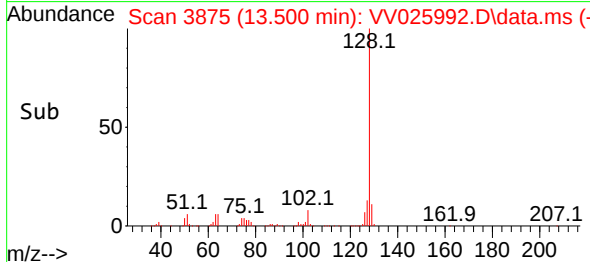
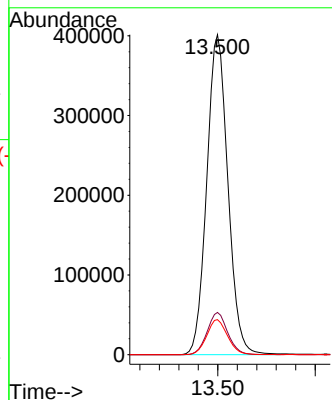
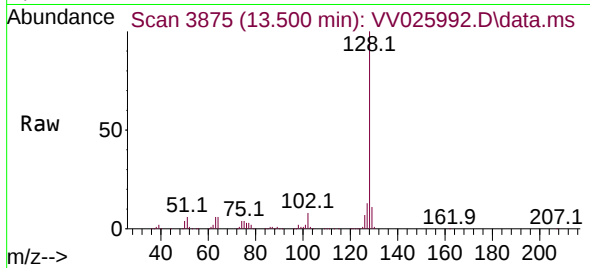




#71
Naphthalene
Concen: 53.654 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD050299

Tgt Ion:128 Resp: 604567
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 55.730 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025992.D
Acq: 06 Jun 2022 09:38

Tgt Ion:180 Resp: 216078
Ion Ratio Lower Upper
180 100
182 93.7 75.8 113.8
145 32.8 26.3 39.5

