

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060222\
 Data File : VW025990.D
 Acq On : 02 Jun 2022 17:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050298

Quant Time: Jun 03 00:09:37 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	5.619	114	344113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	348855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	193493	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	163597	36.837	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.680%
7) Chloroethane-d5	1.571	69	140424	36.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.020%
11) 1,1-Dichloroethene-d2	2.111	63	315888	40.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.340%
21) 2-Butanone-d5	3.899	46	193900	101.865	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.860%
24) Chloroform-d	4.349	84	288201	46.461	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	5.034	65	168940	45.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
32) Benzene-d6	5.050	84	567985	46.703	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.069	67	179535	48.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.120%
41) Toluene-d8	7.313	98	531988	47.476	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	7.622	79	79175	47.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.960%
47) 2-Hexanone-d5	8.088	63	146865	107.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	260005	52.196	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	204233	48.118	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	156115	43.879	ug/L	99
3) Chloromethane	1.243	50	183092	42.551	ug/L	99
5) Vinyl chloride	1.314	62	197943	45.249	ug/L	99
6) Bromomethane	1.526	94	116481	43.820	ug/L	99
8) Chloroethane	1.587	64	129060	39.504	ug/L	98
9) Trichlorofluoromethane	1.754	101	284200	45.715	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	160536	48.604	ug/L	98
12) 1,1-Dichloroethene	2.117	96	153461	47.239	ug/L	98
13) Acetone	2.188	43	105083	80.898	ug/L	96
14) Carbon disulfide	2.294	76	366685	45.634	ug/L	100
15) Methyl Acetate	2.439	43	138526	49.777	ug/L	98
16) Methylene chloride	2.507	84	160251	50.928	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	139518	49.988	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	449502	55.376	ug/L	98
19) 1,1-Dichloroethane	3.191	63	269459	51.689	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	158457	52.597	ug/L	100
22) 2-Butanone	3.982	43	182609	105.416	ug/L	94
23) Bromochloromethane	4.249	128	84309	52.982	ug/L	97
25) Chloroform	4.378	83	282998	51.229	ug/L	99

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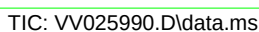
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
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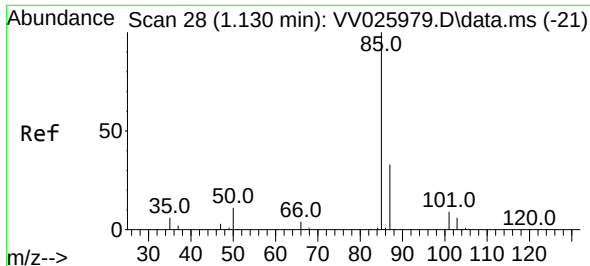
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	210915	50.500	ug/L	98
29) Cyclohexane	4.680	56	221907	52.542	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	243310	51.355	ug/L	98
31) Carbon tetrachloride	4.828	117	200300	50.357	ug/L	100
33) Benzene	5.098	78	620809	52.851	ug/L	100
34) Trichloroethene	5.915	95	154263	50.210	ug/L	97
35) Methylcyclohexane	6.133	83	243223	52.858	ug/L	100
37) 1,2-Dichloropropane	6.172	63	162024	54.909	ug/L	100
38) Bromodichloromethane	6.510	83	209417	52.482	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	223852	53.198	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	412403	119.566	ug/L	98
42) Toluene	7.387	91	670131	53.180	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	218813	54.051	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	162973	54.357	ug/L	98
46) Tetrachloroethene	7.976	164	119222	52.606	ug/L	97
48) 2-Hexanone	8.140	43	318913	118.834	ug/L	96
49) Dibromochloromethane	8.246	129	157368	53.212	ug/L	100
50) 1,2-Dibromoethane	8.352	107	164230	53.865	ug/L	96
51) Chlorobenzene	8.879	112	420887	52.160	ug/L	98
52) Ethylbenzene	9.011	91	703160	54.087	ug/L	100
53) m,p-Xylene	9.136	106	273654	54.269	ug/L	99
54) o-Xylene	9.542	106	270140	54.536	ug/L	98
55) Styrene	9.558	104	485647	56.267	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	261024	58.350	ug/L	99
59) Bromoform	9.731	173	97683	52.334	ug/L	99
60) Isopropylbenzene	9.931	105	715300	55.190	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	207254	54.115	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	371781	55.651	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	585649	56.501	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	331905	54.100	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	341187	53.067	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	340185	53.609	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	47767	54.022	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	228968	54.053	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	199048	55.182	ug/L	99
71) Naphthalene	13.500	128	680596	63.711	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	214763	58.426	ug/L	99

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

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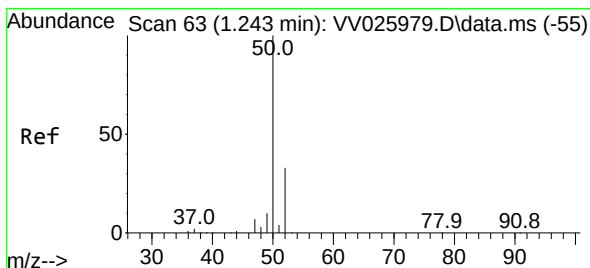
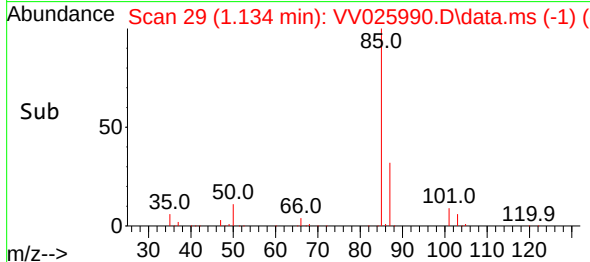
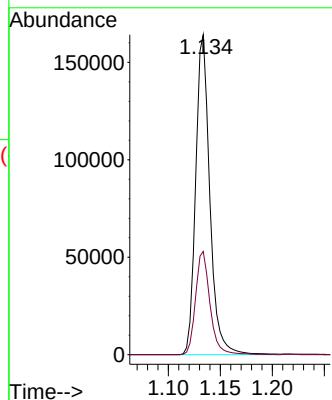
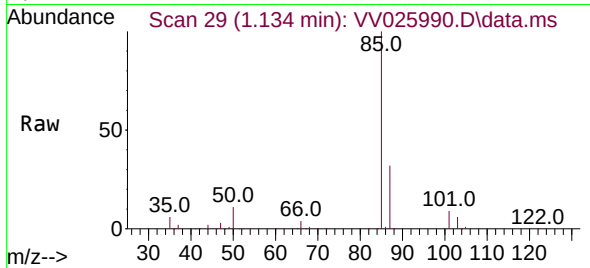




#2
 Dichlorodifluoromethane
 Concen: 43.879 ug/L
 RT: 1.134 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025990.D
 Acq: 02 Jun 2022 17:35

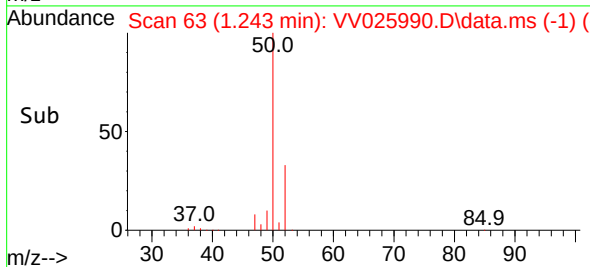
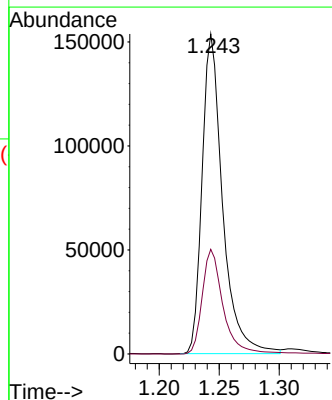
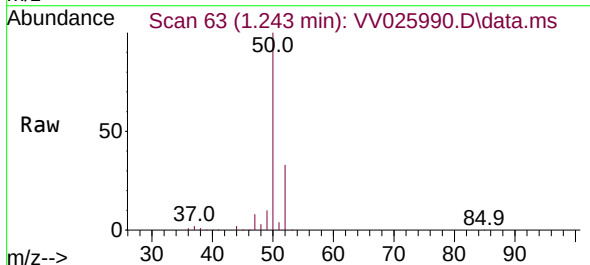
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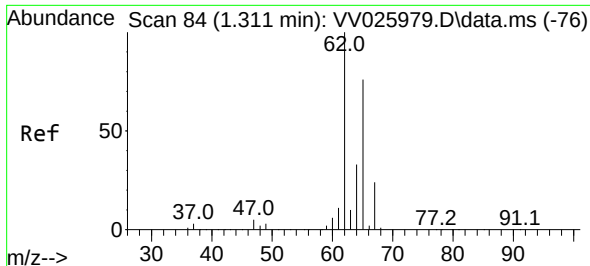
Tgt Ion: 85 Resp: 156115
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 42.551 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025990.D
 Acq: 02 Jun 2022 17:35

Tgt Ion: 50 Resp: 183092
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

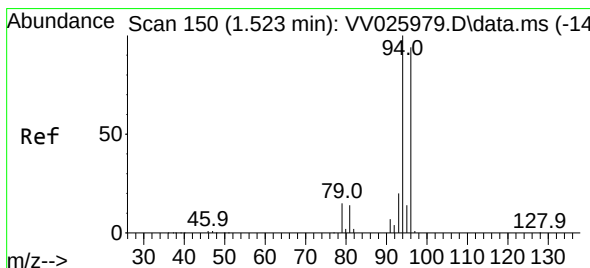
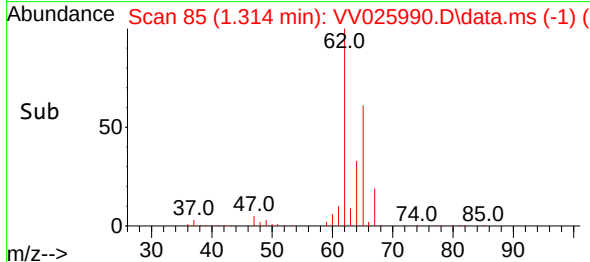
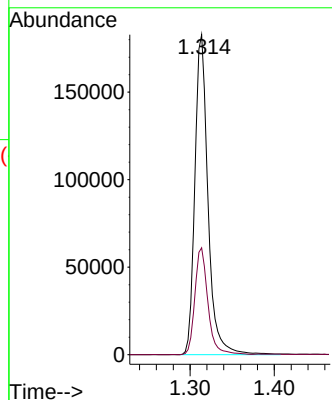
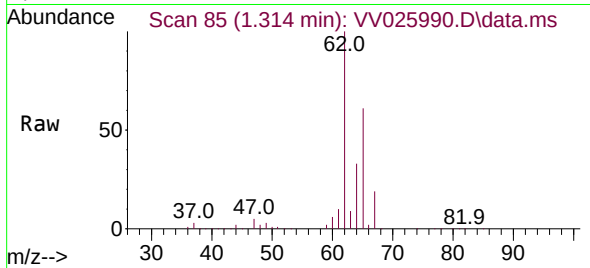




#5
 Vinyl chloride
 Concen: 45.249 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025990.D
 Acq: 02 Jun 2022 17:35

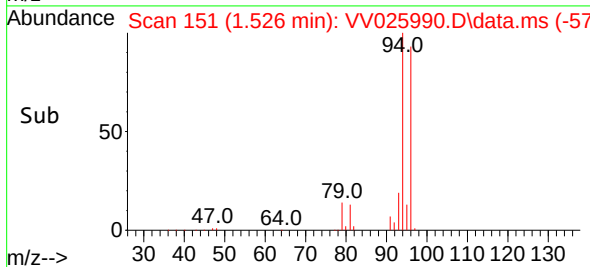
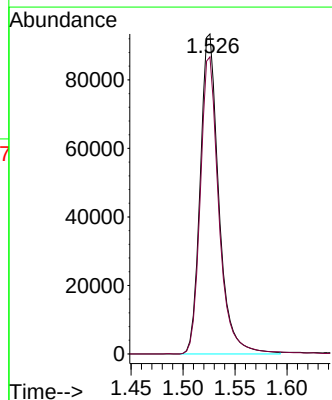
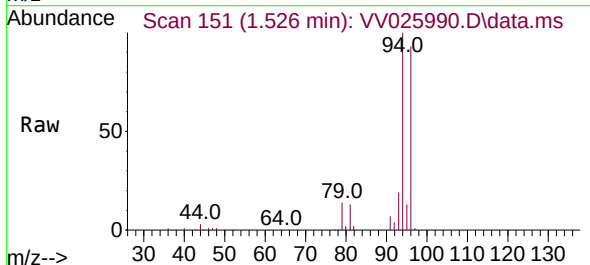
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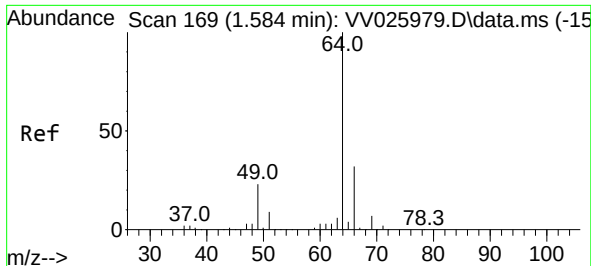
Tgt Ion: 62 Resp: 197943
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.0



#6
 Bromomethane
 Concen: 43.820 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025990.D
 Acq: 02 Jun 2022 17:35

Tgt Ion: 94 Resp: 116481
 Ion Ratio Lower Upper
 94 100
 96 92.9 65.9 122.3

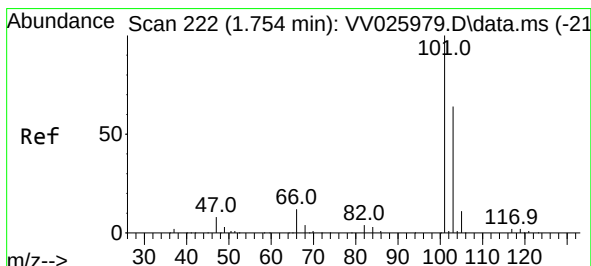
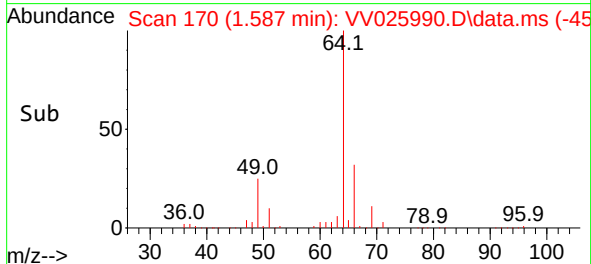
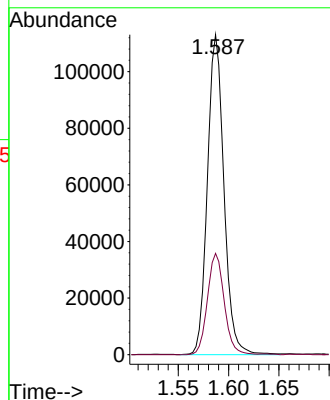
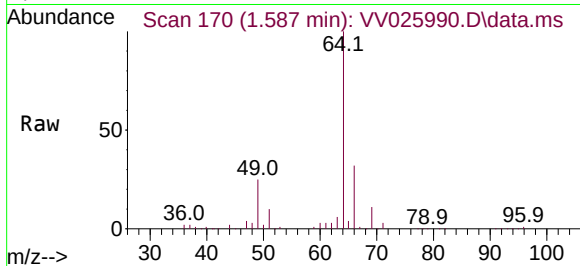




#8
Chloroethane
Concen: 39.504 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

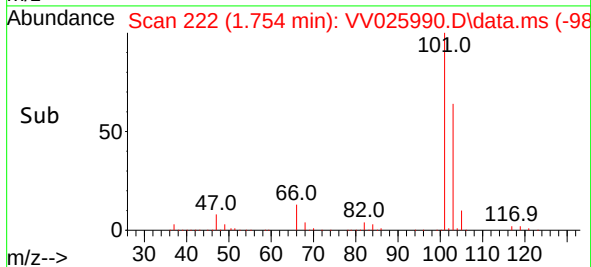
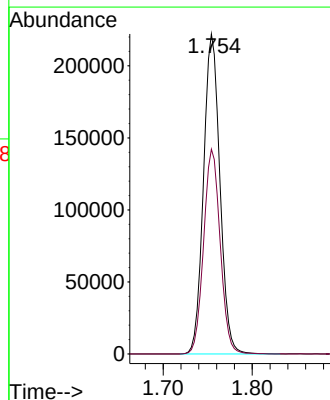
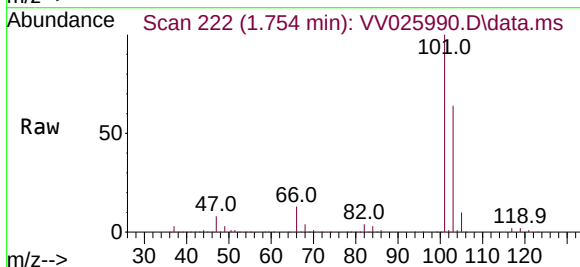
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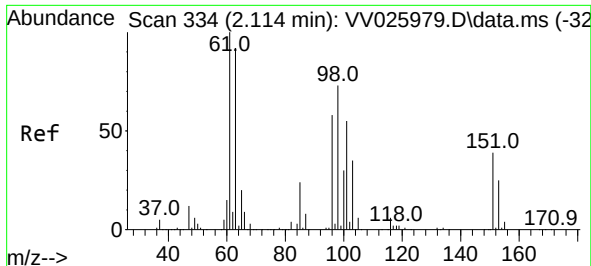
Tgt Ion: 64 Resp: 129060
Ion Ratio Lower Upper
64 100
66 31.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 45.715 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion:101 Resp: 284200
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

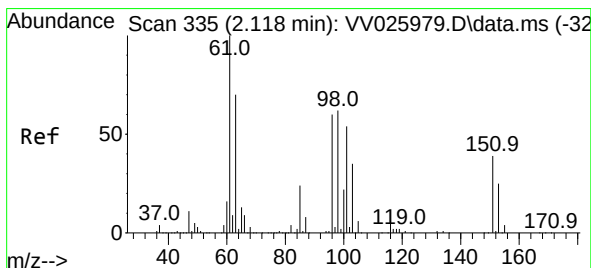
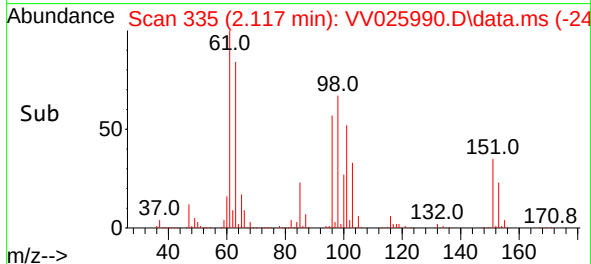
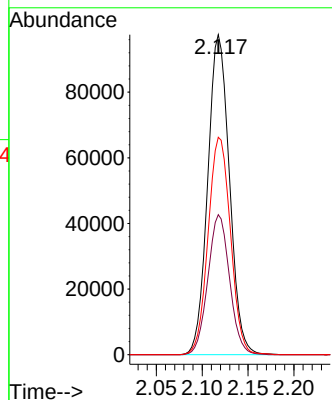
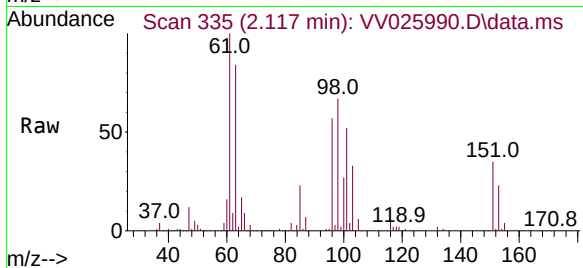




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.604 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

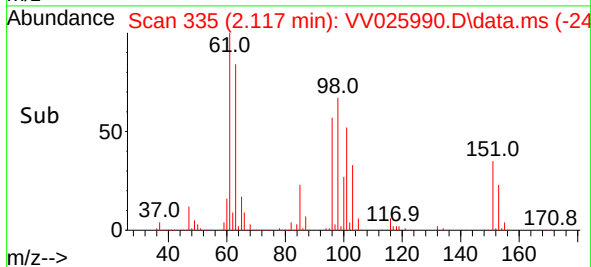
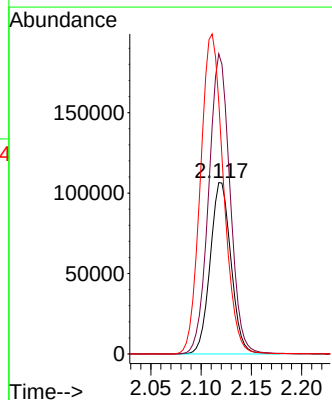
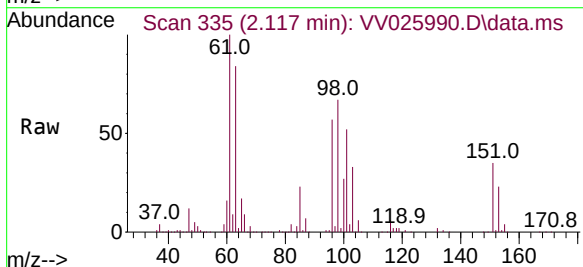
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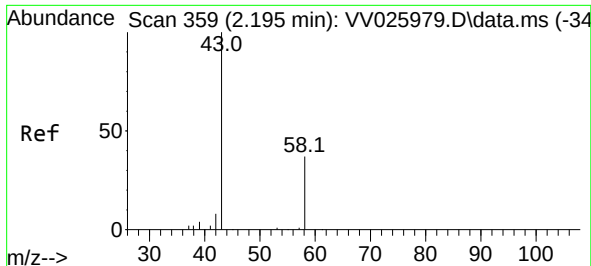
Tgt Ion:101 Resp: 160536
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 70.0 54.3 81.5



#12
1,1-Dichloroethene
Concen: 47.239 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 96 Resp: 153461
Ion Ratio Lower Upper
96 100
61 175.2 124.6 231.4
63 147.2 101.6 188.6

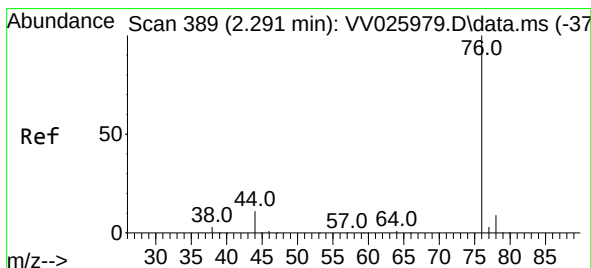
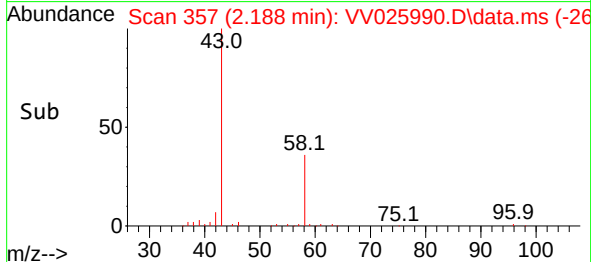
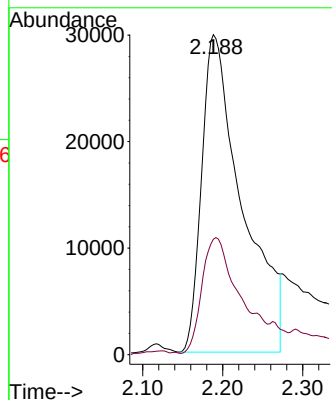
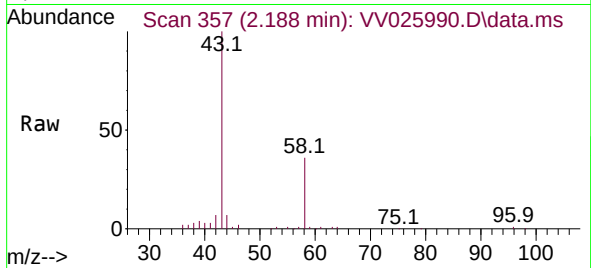




#13
Acetone
Concen: 80.898 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

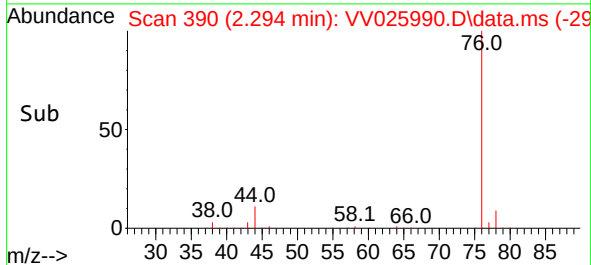
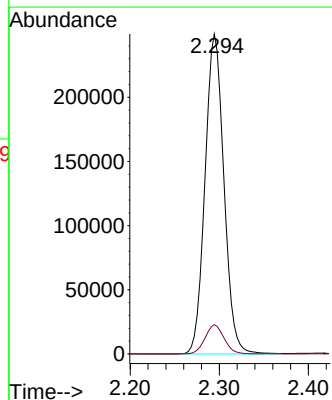
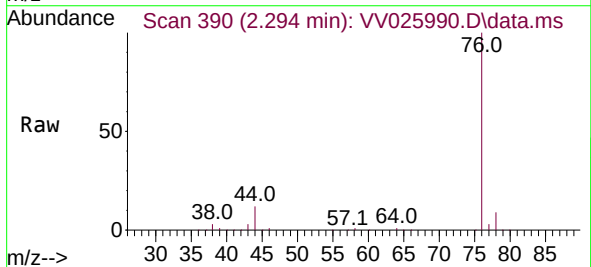
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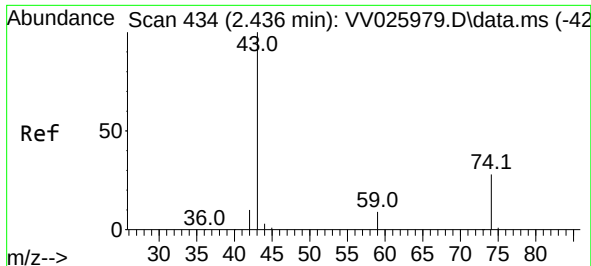
Tgt Ion: 43 Resp: 105083
Ion Ratio Lower Upper
43 100
58 30.2 0.0 65.0



#14
Carbon disulfide
Concen: 45.634 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
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Tgt Ion: 76 Resp: 366685
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

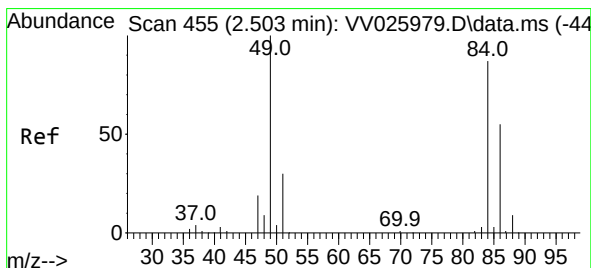
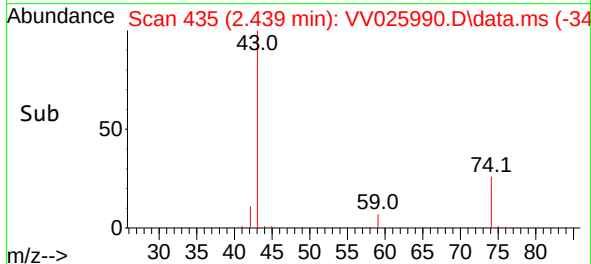
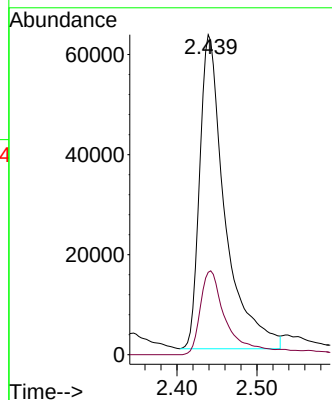
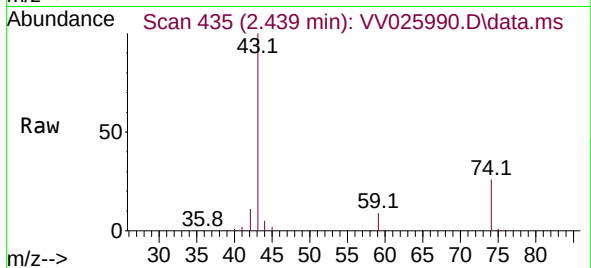




#15
Methyl Acetate
Concen: 49.777 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

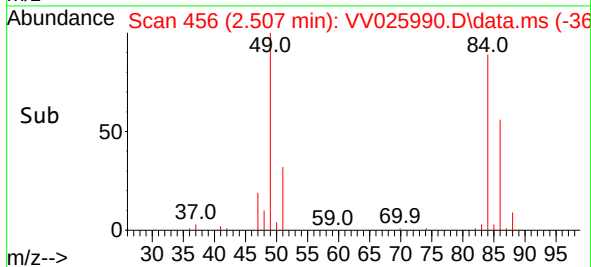
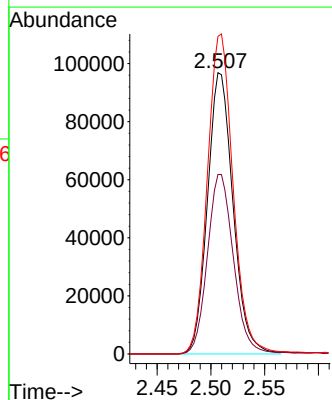
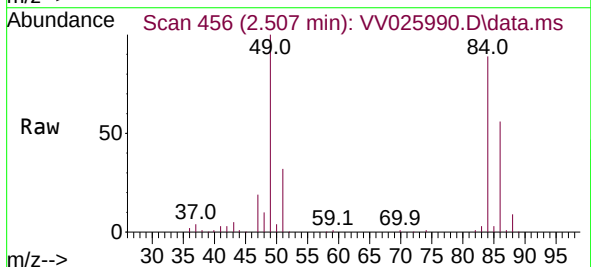
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

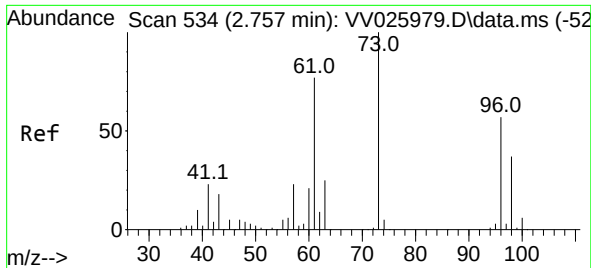
Tgt Ion: 43 Resp: 138526
Ion Ratio Lower Upper
43 100
74 27.1 20.7 31.1



#16
Methylene chloride
Concen: 50.928 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 84 Resp: 160251
Ion Ratio Lower Upper
84 100
86 63.8 44.2 82.0
49 113.0 82.7 153.5

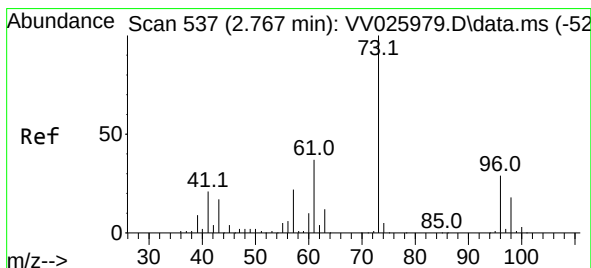
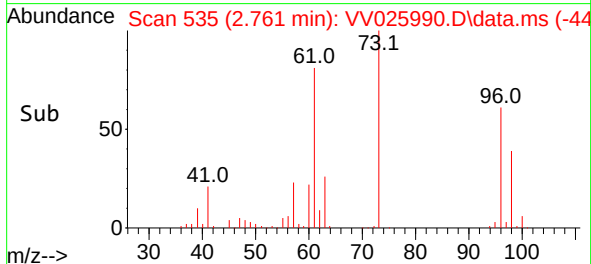
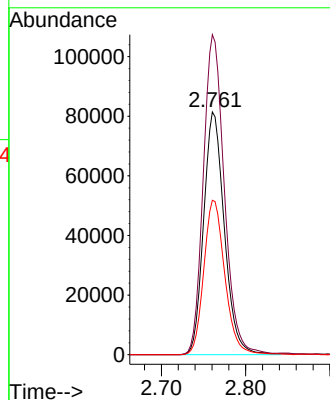
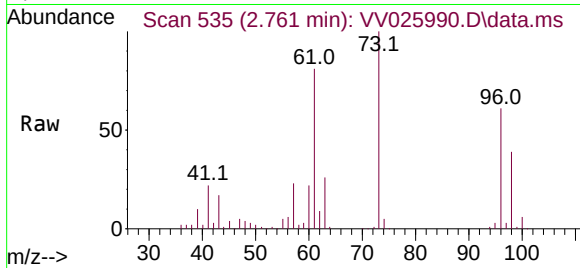




#17
trans-1,2-Dichloroethene
Concen: 49.988 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

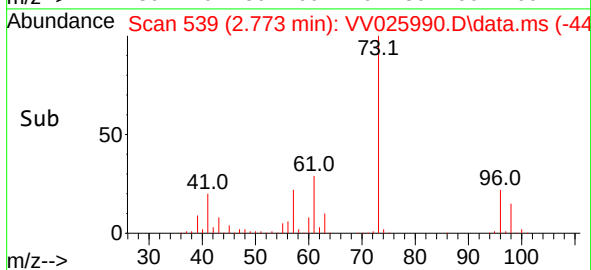
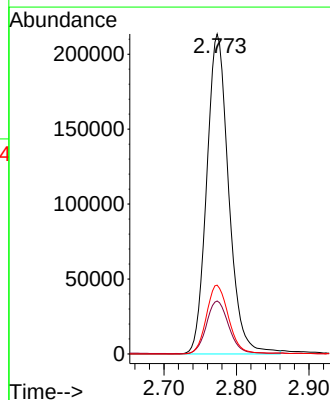
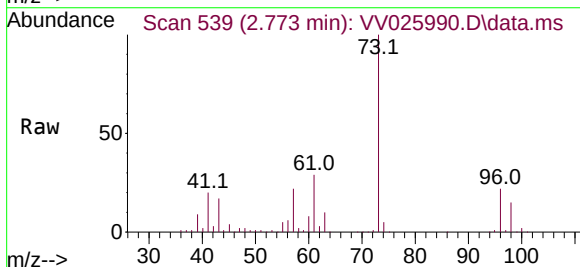
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

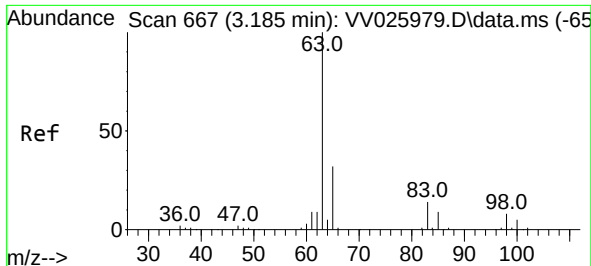
Tgt Ion: 96 Resp: 139518
Ion Ratio Lower Upper
96 100
61 131.8 92.7 172.1
98 63.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 55.376 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 73 Resp: 449502
Ion Ratio Lower Upper
73 100
43 16.6 14.6 22.0
57 21.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 51.689 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD050298

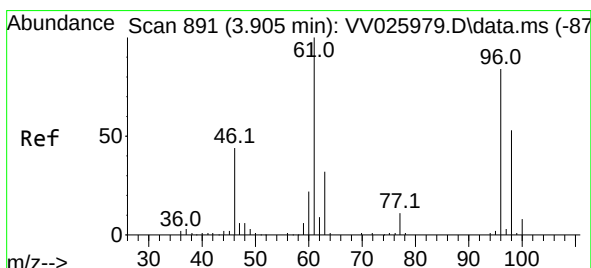
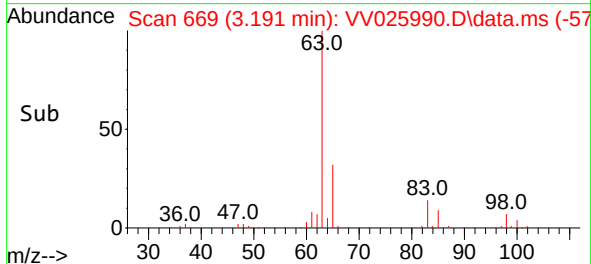
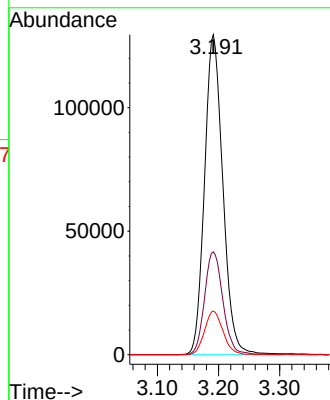
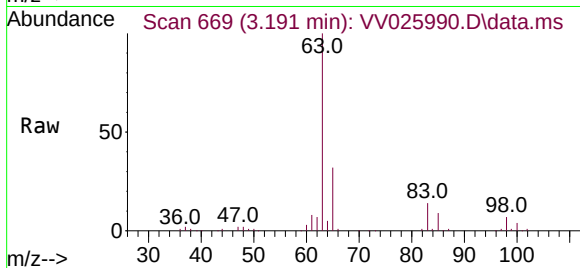
Tgt Ion: 63 Resp: 269459

Ion Ratio Lower Upper

63 100

65 32.1 22.0 40.8

83 13.7 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 52.597 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

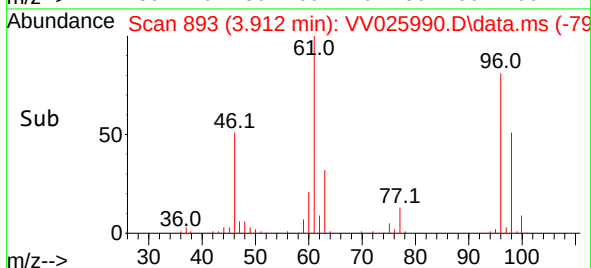
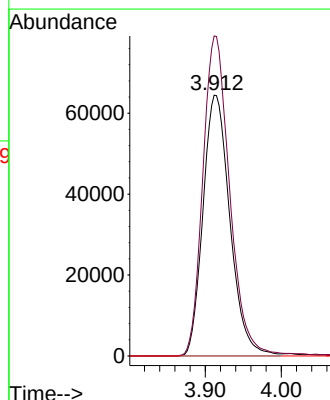
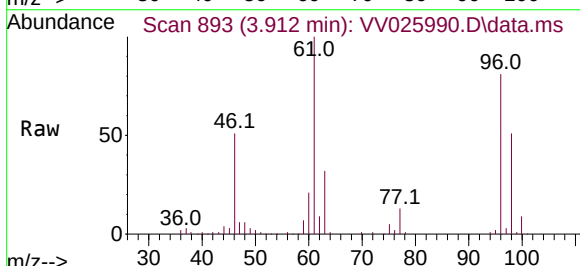
Tgt Ion: 96 Resp: 158457

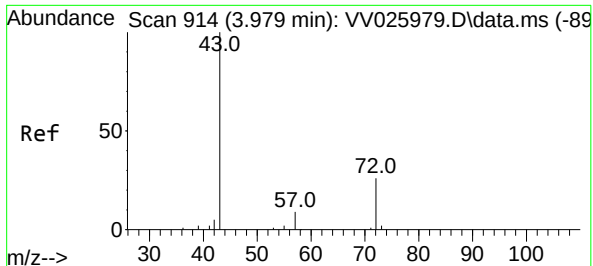
Ion Ratio Lower Upper

96 100

61 122.7 86.0 159.6

68 0.0 0.0 0.0

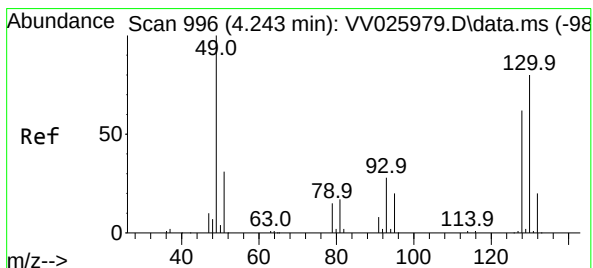
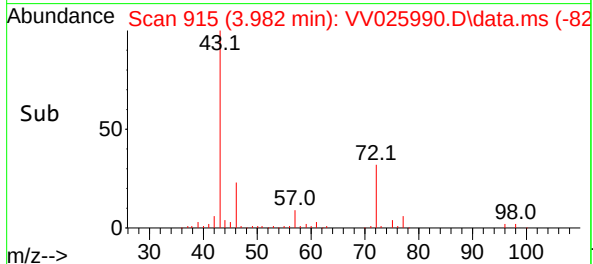
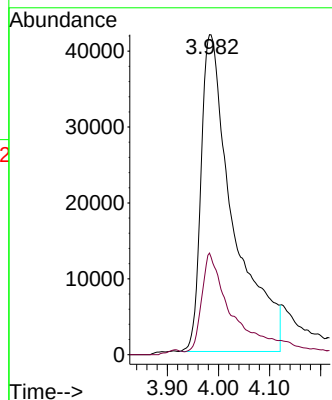
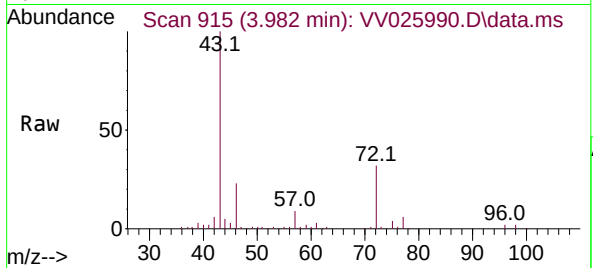




#22
2-Butanone
Concen: 105.416 ug/L
RT: 3.982 min Scan# 914
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

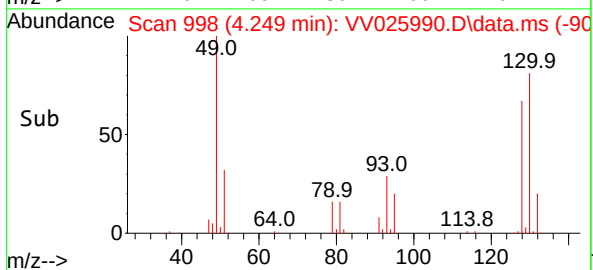
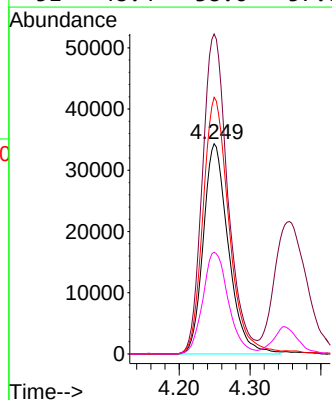
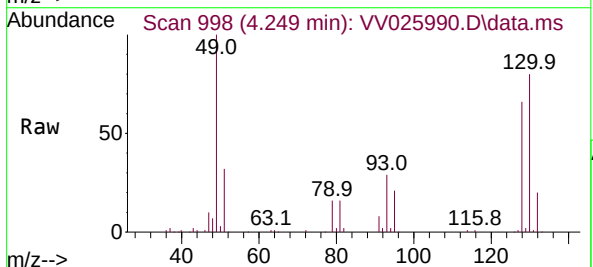
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

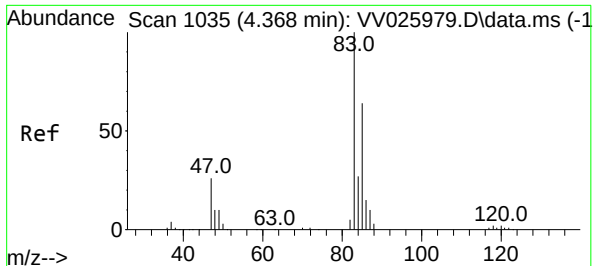
Tgt Ion: 43 Resp: 182609
Ion Ratio Lower Upper
43 100
72 24.5 13.8 41.4



#23
Bromochloromethane
Concen: 52.982 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 128 Resp: 84309
Ion Ratio Lower Upper
128 100
49 152.2 111.0 206.2
130 122.0 87.1 161.7
51 48.4 38.6 57.8





#25

Chloroform

Concen: 51.229 ug/L

RT: 4.378 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

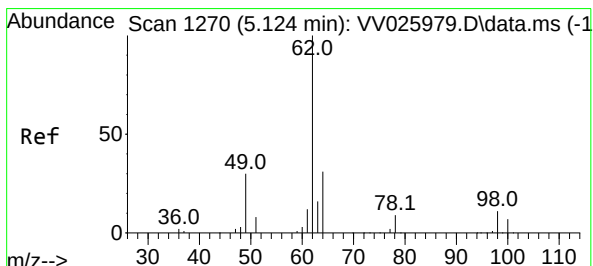
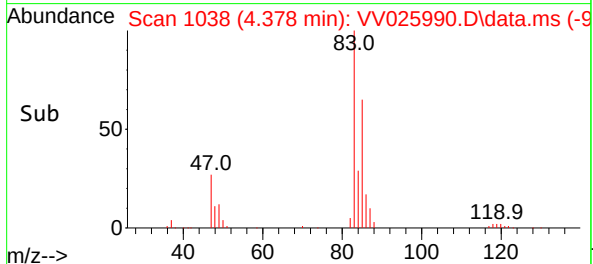
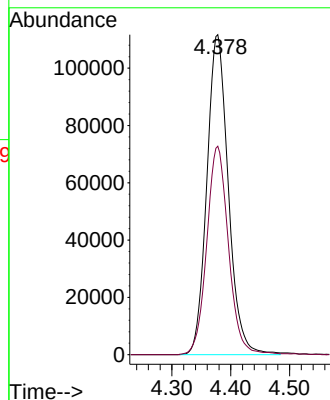
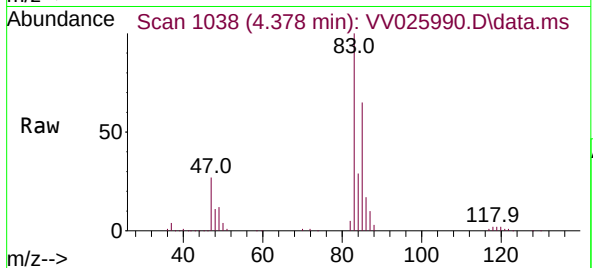
VSTD050298

Tgt Ion: 83 Resp: 282998

Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.3



#27

1,2-Dichloroethane

Concen: 50.500 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV025990.D

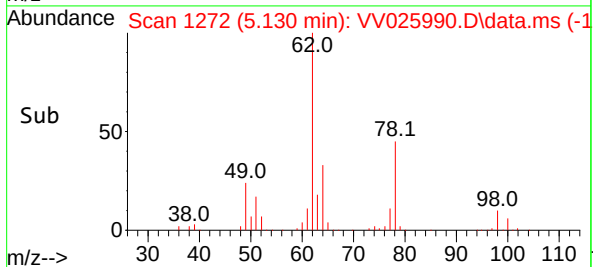
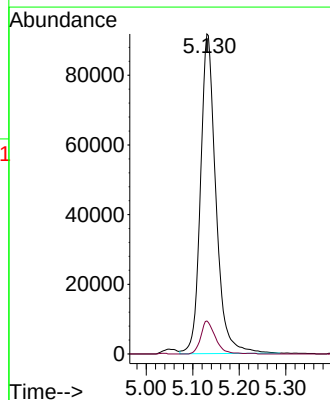
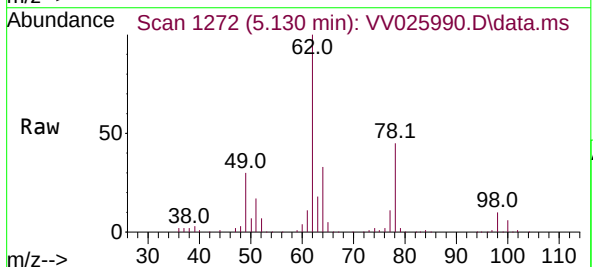
Acq: 02 Jun 2022 17:35

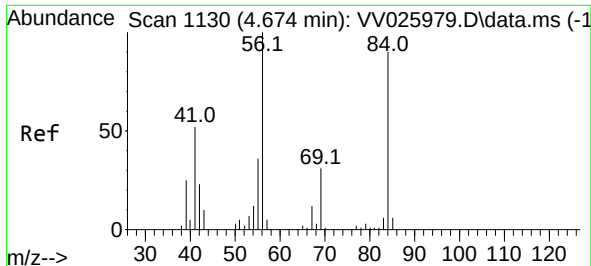
Tgt Ion: 62 Resp: 210915

Ion Ratio Lower Upper

62 100

98 10.3 7.7 11.5

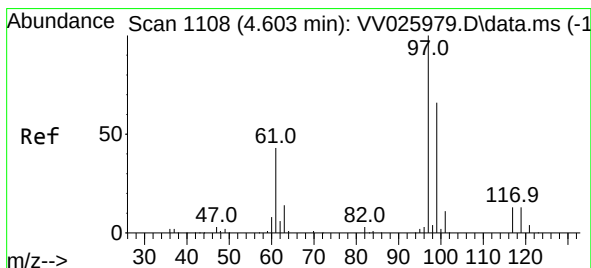
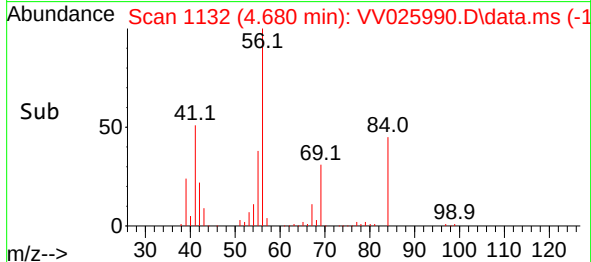
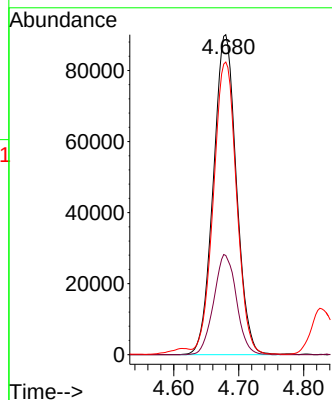
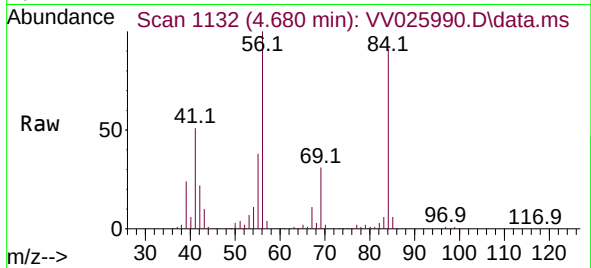




#29
Cyclohexane
Concen: 52.542 ug/L
RT: 4.680 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

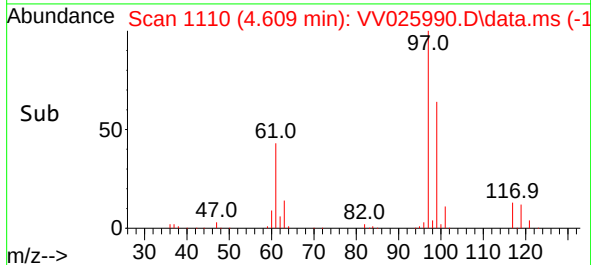
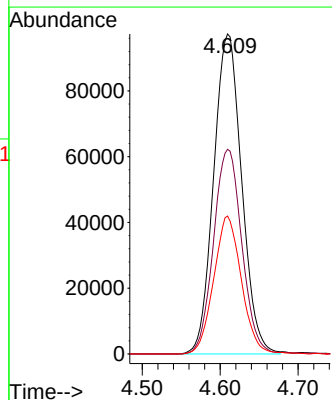
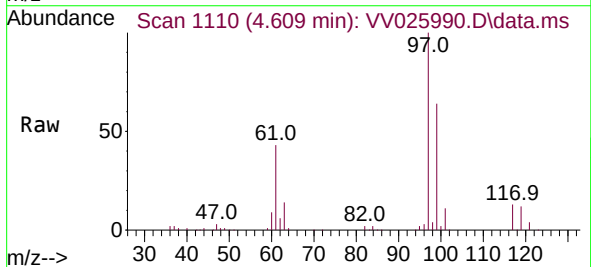
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

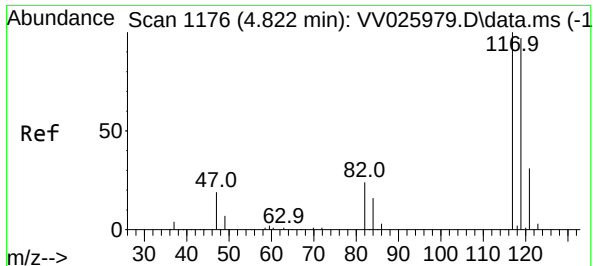
Tgt Ion: 56 Resp: 221907
Ion Ratio Lower Upper
56 100
69 30.7 24.8 37.2
84 91.8 73.8 110.8



#30
1,1,1-Trichloroethane
Concen: 51.355 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 97 Resp: 243310
Ion Ratio Lower Upper
97 100
99 64.8 52.6 78.8
61 42.7 35.6 53.4

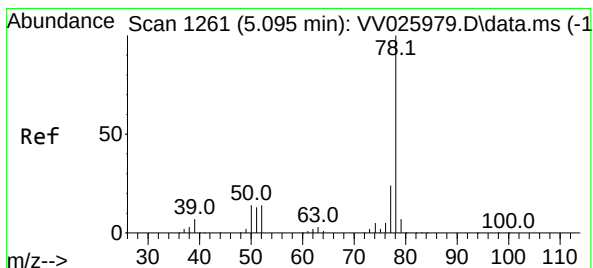
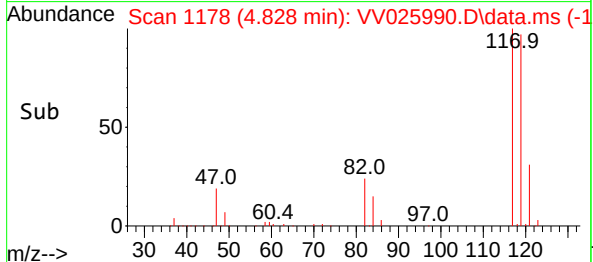
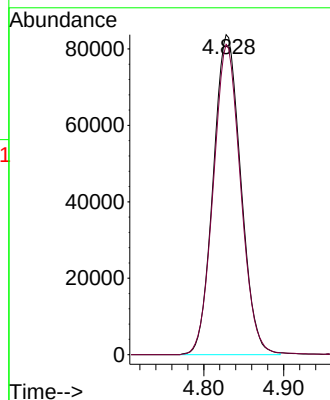
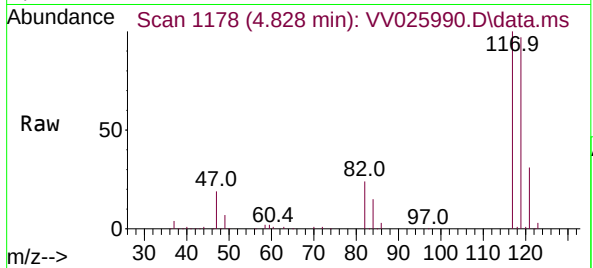




#31
Carbon tetrachloride
Concen: 50.357 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

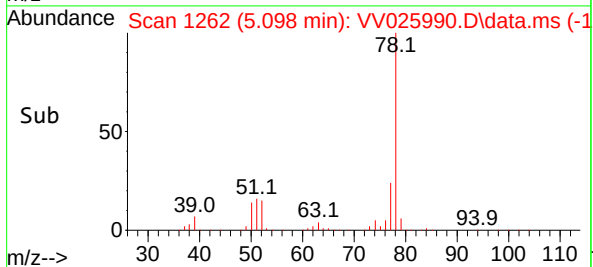
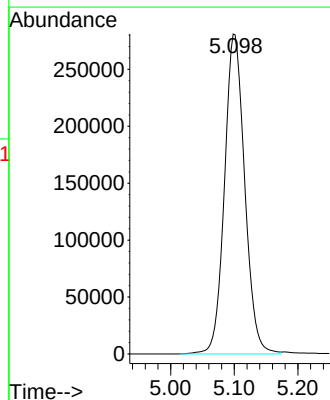
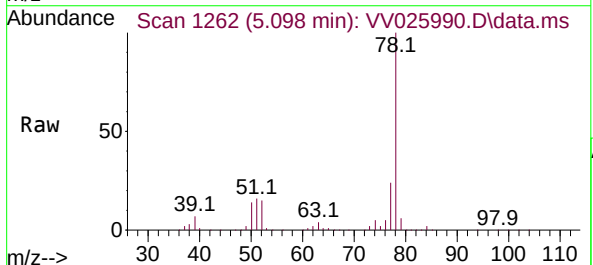
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

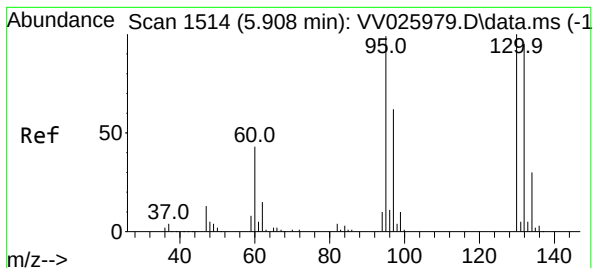
Tgt Ion:117 Resp: 200300
Ion Ratio Lower Upper
117 100
119 96.4 76.9 115.3



#33
Benzene
Concen: 52.851 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 78 Resp: 620809





#34

Trichloroethene

Concen: 50.210 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD050298

Tgt Ion: 95 Resp: 154263

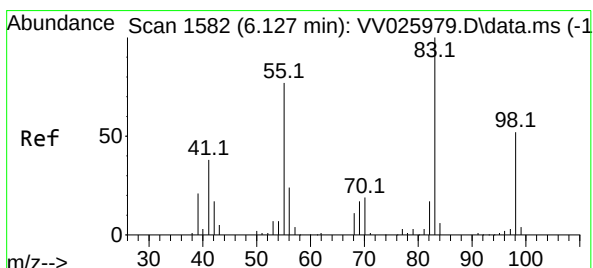
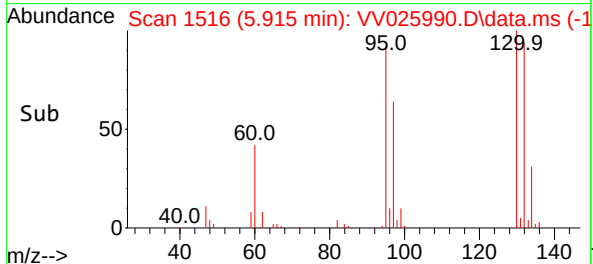
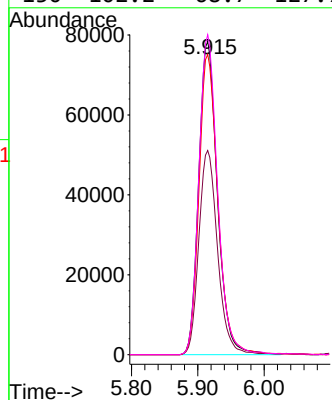
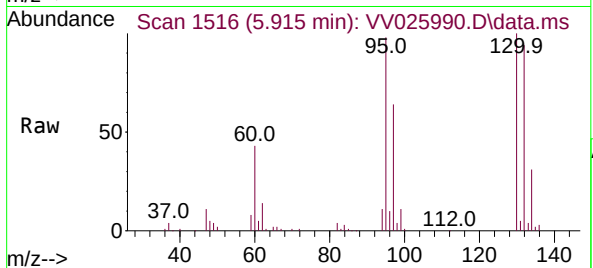
Ion Ratio Lower Upper

95 100

97 65.2 44.2 82.0

132 95.9 67.7 125.7

130 102.2 68.7 127.7



#35

Methylcyclohexane

Concen: 52.858 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

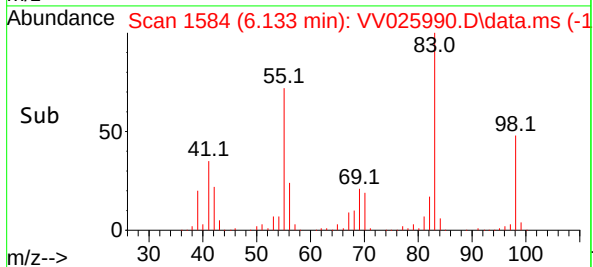
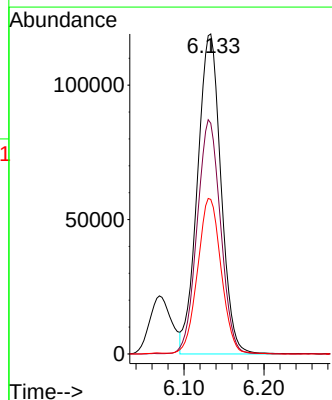
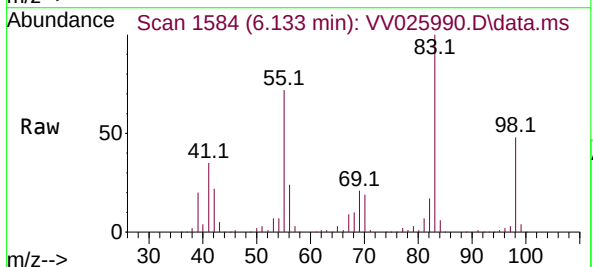
Tgt Ion: 83 Resp: 243223

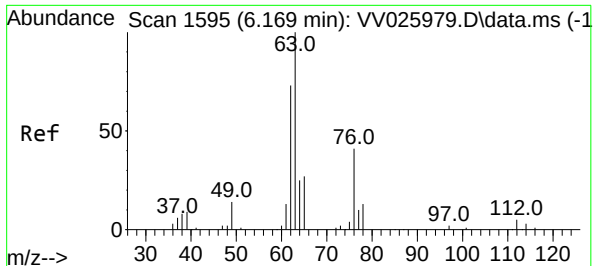
Ion Ratio Lower Upper

83 100

55 73.1 58.6 87.8

98 49.0 39.1 58.7





#37

1,2-Dichloropropane

Concen: 54.909 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

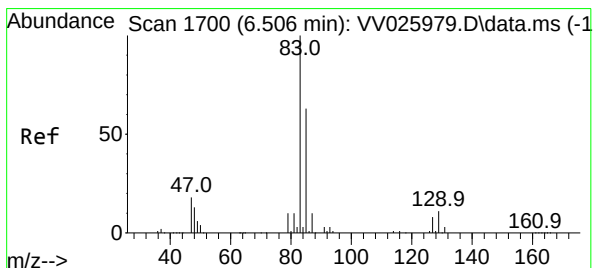
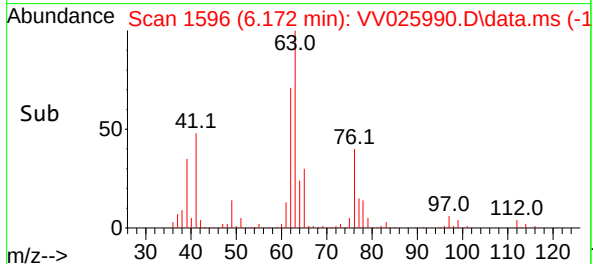
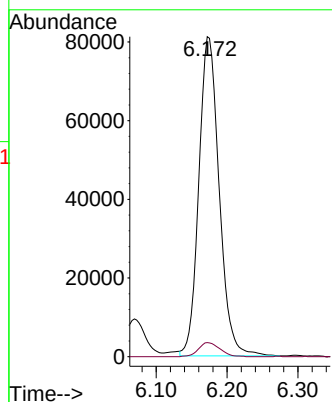
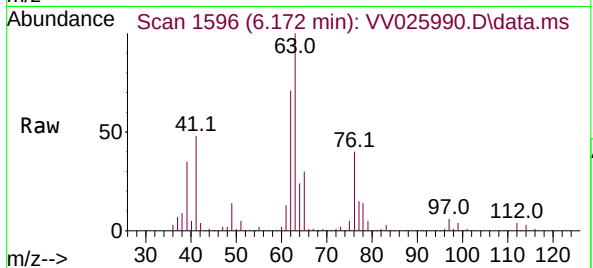
VSTD050298

Tgt Ion: 63 Resp: 162024

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 52.482 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

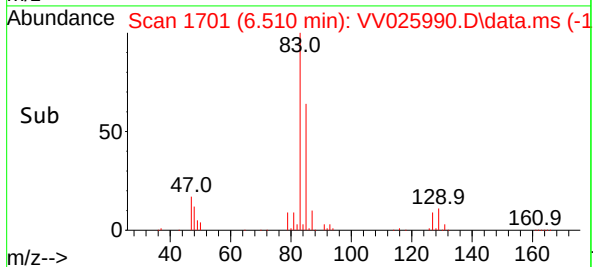
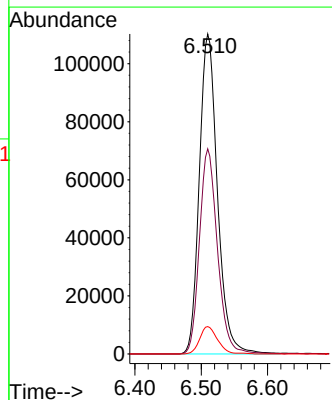
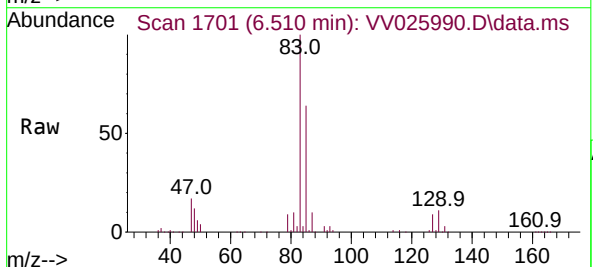
Tgt Ion: 83 Resp: 209417

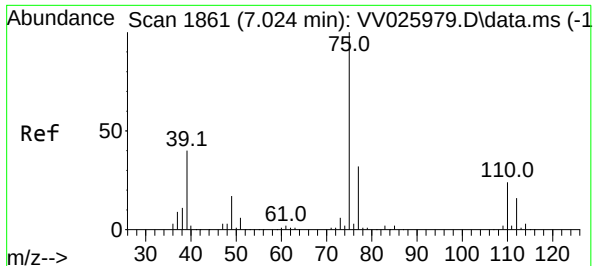
Ion Ratio Lower Upper

83 100

85 64.1 46.0 85.4

127 8.5 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 53.198 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

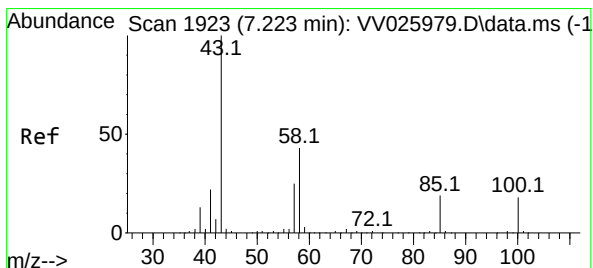
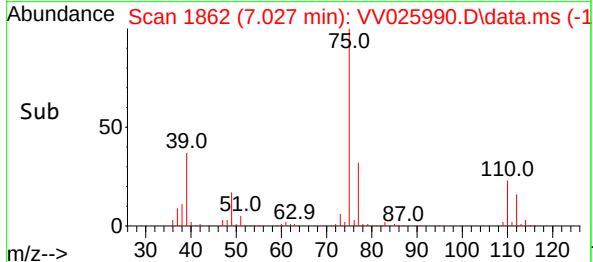
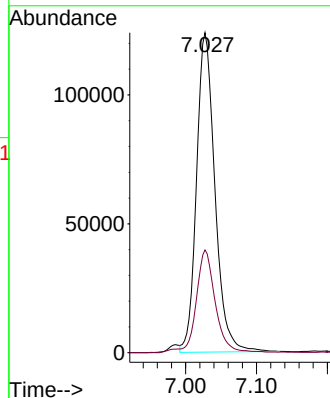
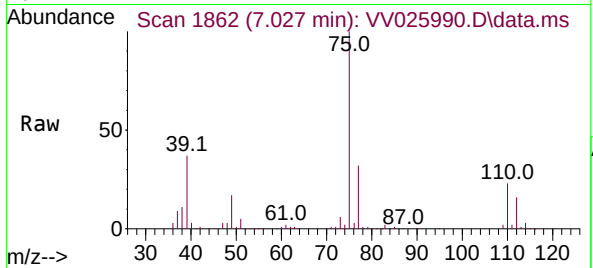
VSTD050298

Tgt Ion: 75 Resp: 223852

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 119.566 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

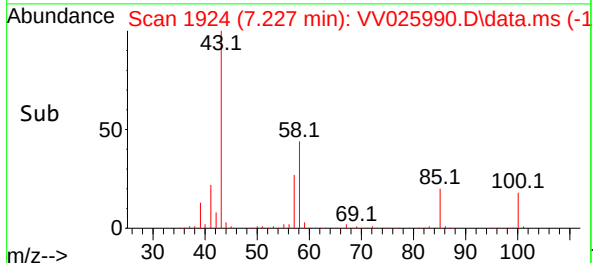
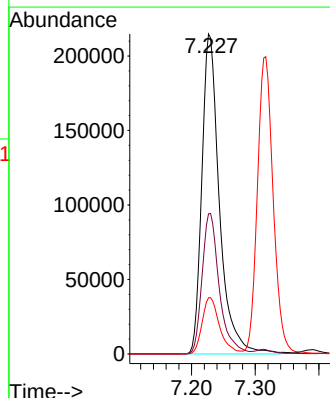
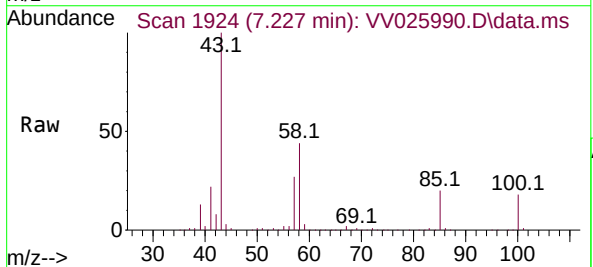
Tgt Ion: 43 Resp: 412403

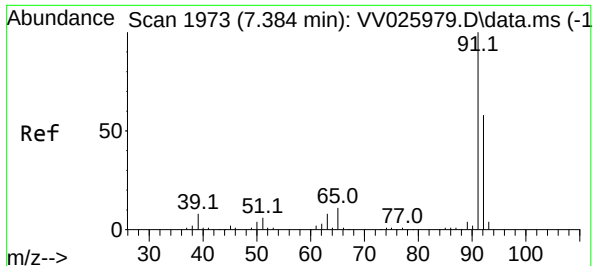
Ion Ratio Lower Upper

43 100

58 42.9 32.9 49.3

100 17.5 13.7 20.5





#42

Toluene

Concen: 53.180 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

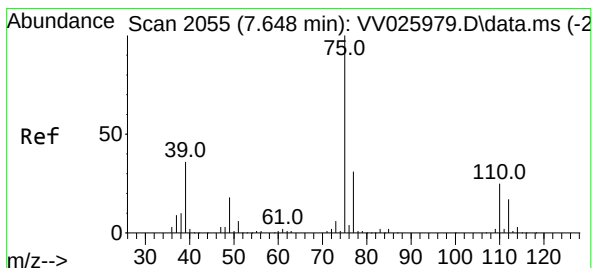
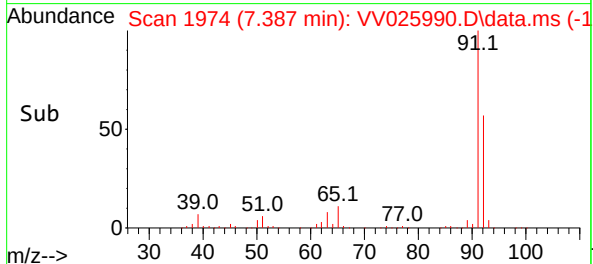
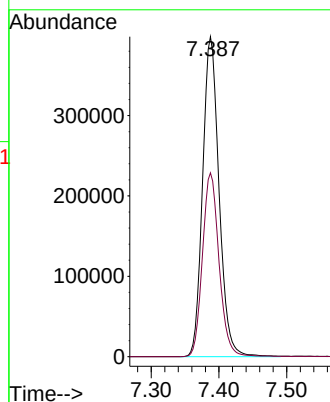
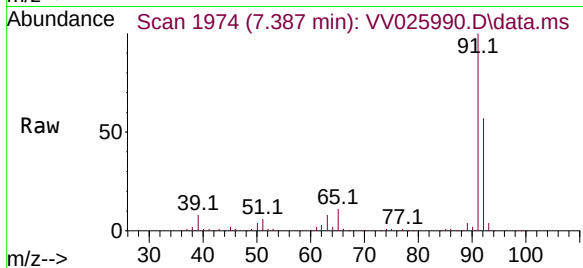
VSTD050298

Tgt Ion: 91 Resp: 670131

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 54.051 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025990.D

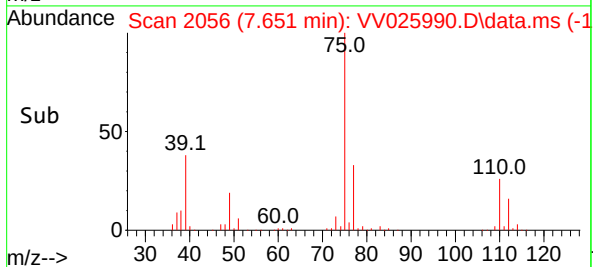
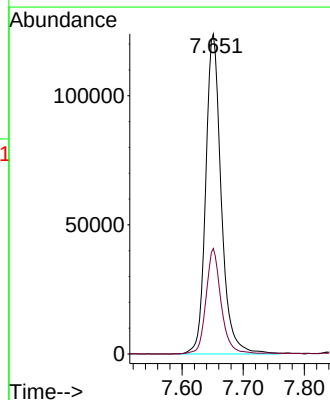
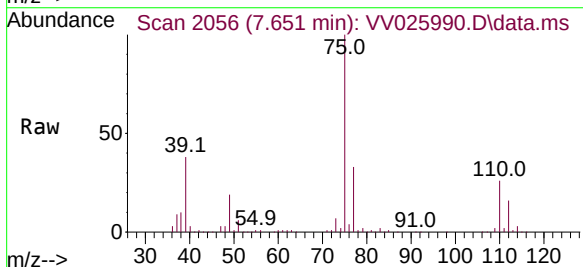
Acq: 02 Jun 2022 17:35

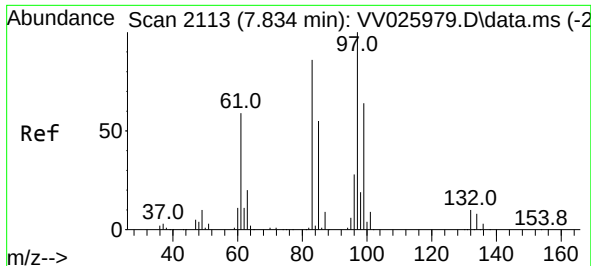
Tgt Ion: 75 Resp: 218813

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 54.357 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD050298

Tgt Ion: 97 Resp: 162973

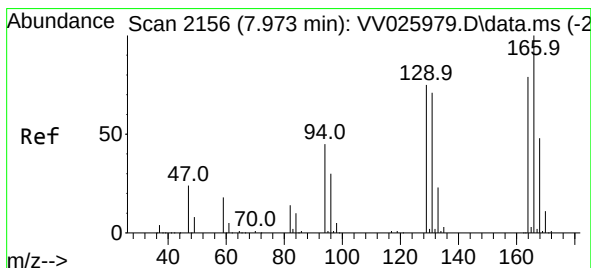
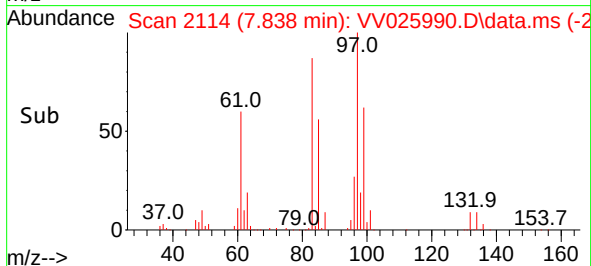
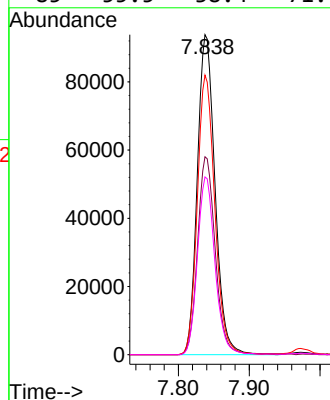
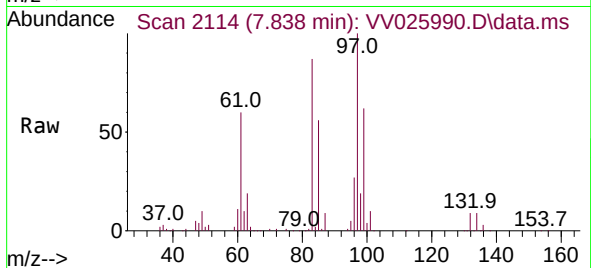
Ion Ratio Lower Upper

97 100

99 61.8 42.6 79.0

83 87.4 59.7 110.9

85 55.5 38.4 71.4



#46

Tetrachloroethene

Concen: 52.606 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Tgt Ion:164 Resp: 119222

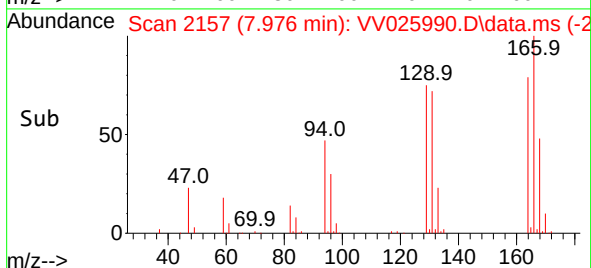
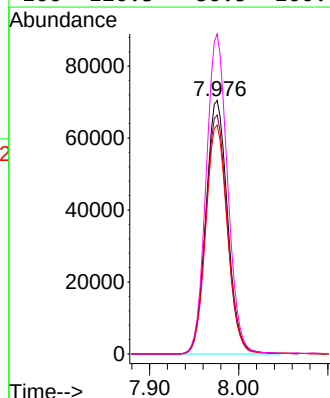
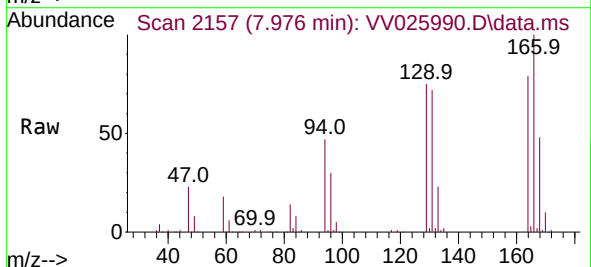
Ion Ratio Lower Upper

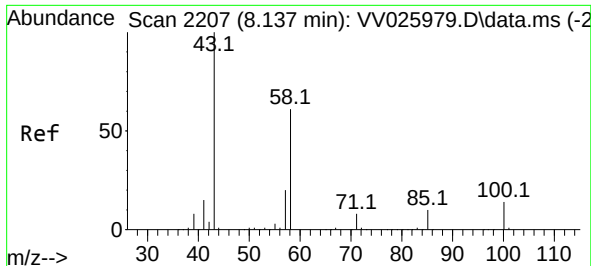
164 100

129 94.3 66.8 124.2

131 90.4 66.7 123.9

166 126.3 86.5 160.7



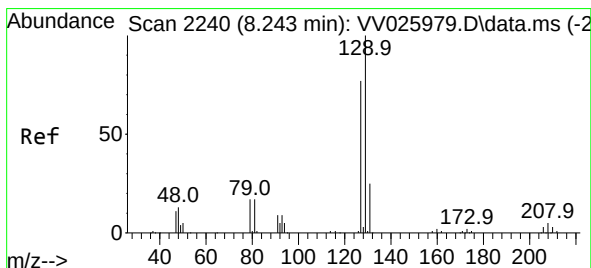
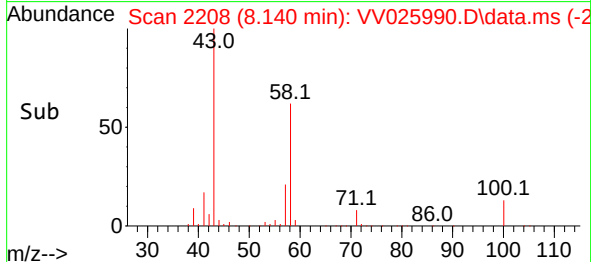
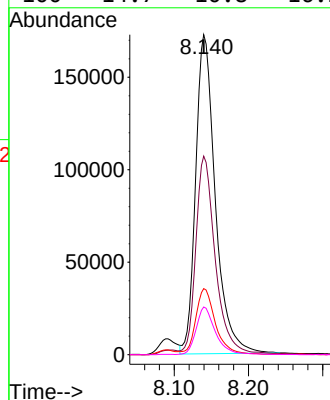
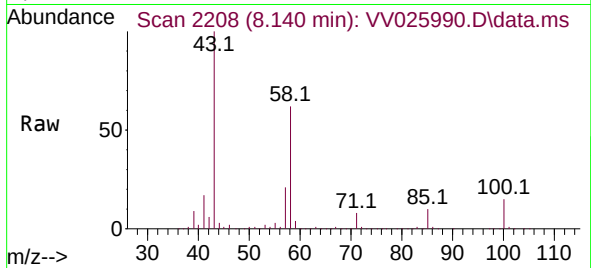


#48
2-Hexanone
Concen: 118.834 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

Tgt Ion: 43 Resp: 318913

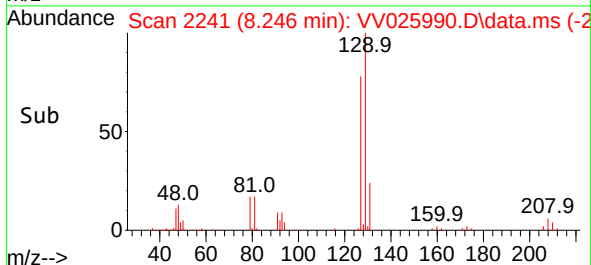
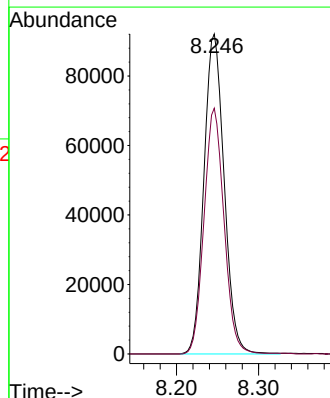
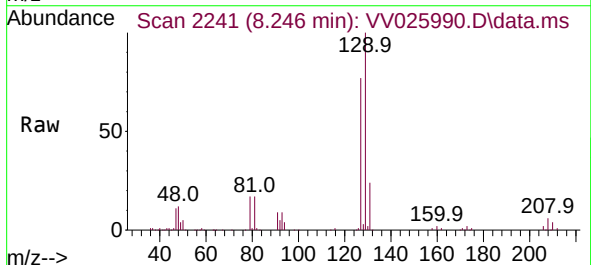
Ion	Ratio	Lower	Upper
43	100		
58	60.8	45.9	68.9
57	19.9	15.4	23.2
100	14.7	10.8	16.2

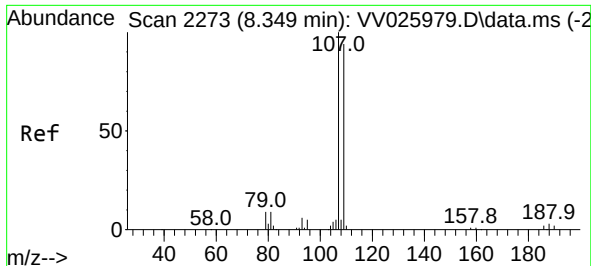


#49
Dibromochloromethane
Concen: 53.212 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 129 Resp: 157368

Ion	Ratio	Lower	Upper
129	100		
127	76.8	53.5	99.5





#50

1,2-Dibromoethane

Concen: 53.865 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD050298

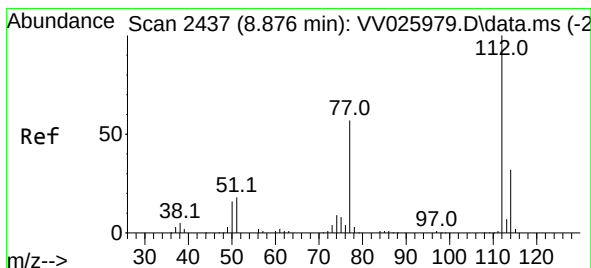
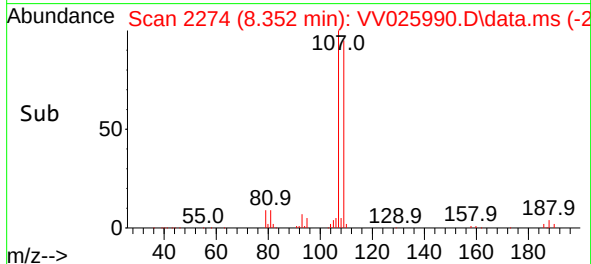
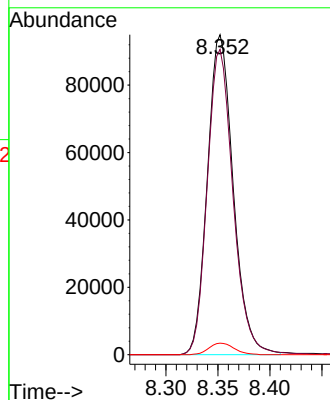
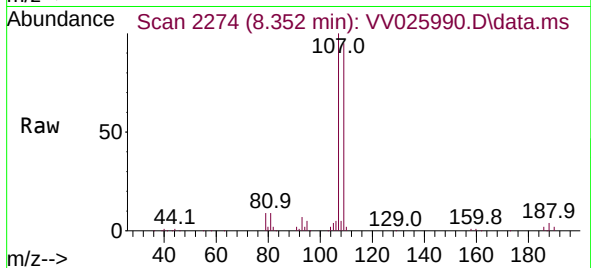
Tgt Ion:107 Resp: 164230

Ion Ratio Lower Upper

107 100

109 95.4 64.1 119.1

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 52.160 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

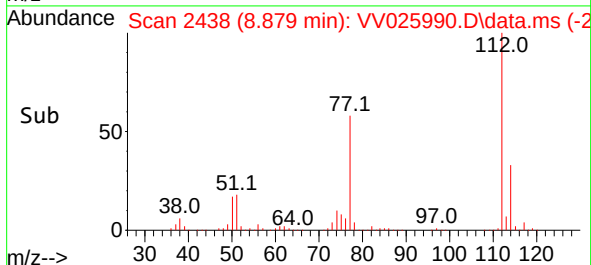
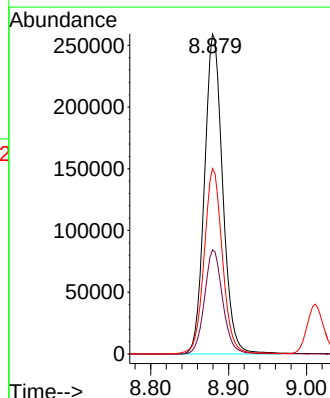
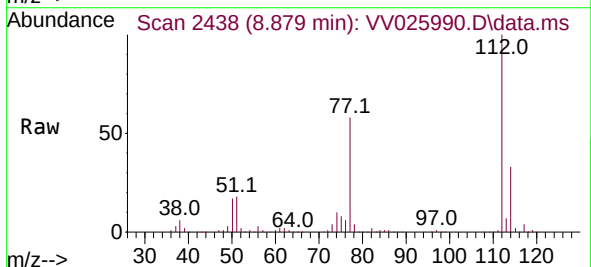
Tgt Ion:112 Resp: 420887

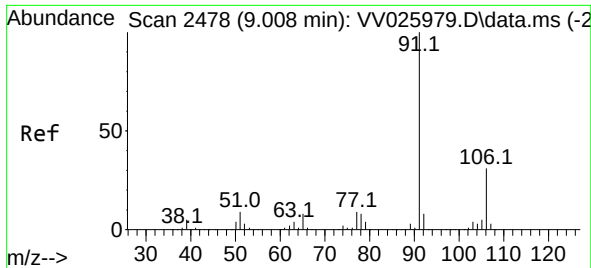
Ion Ratio Lower Upper

112 100

114 32.5 22.0 40.8

77 58.0 45.3 67.9

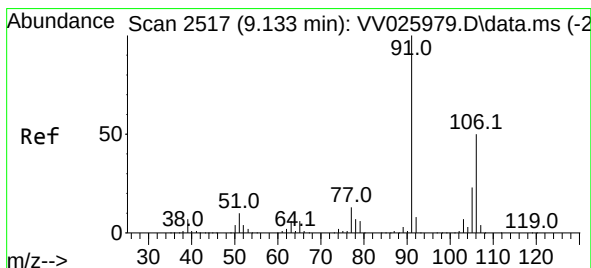
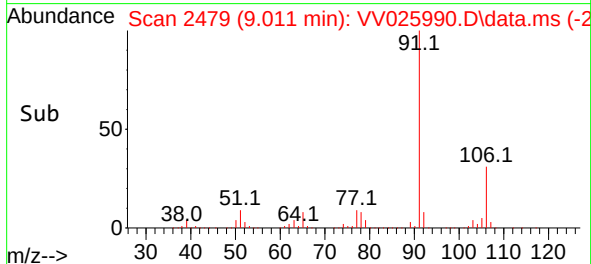
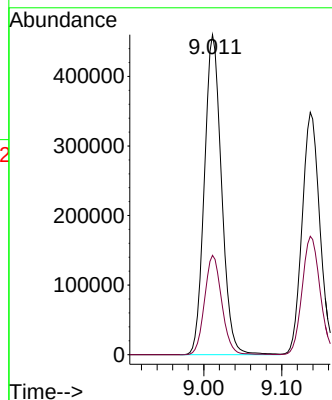
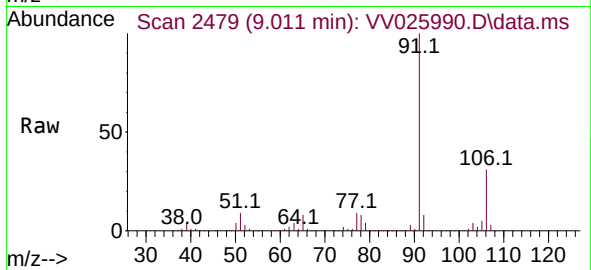




#52
Ethylbenzene
Concen: 54.087 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

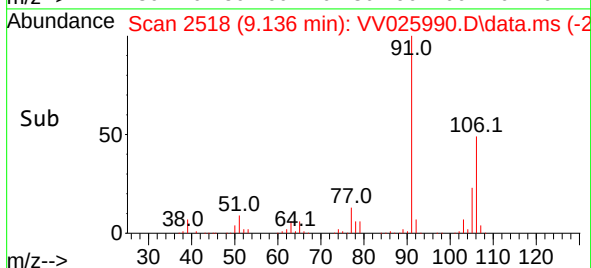
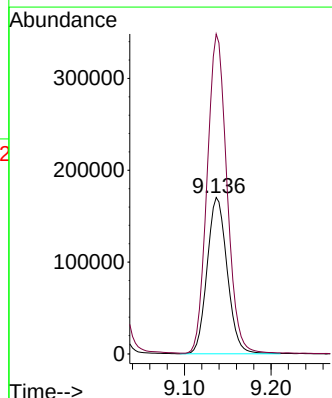
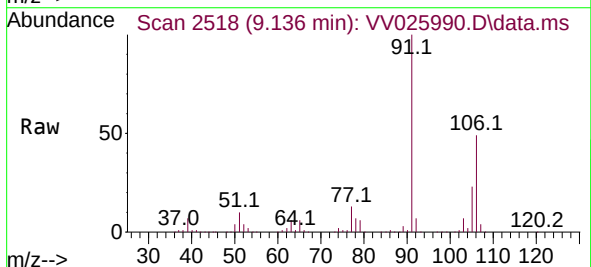
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

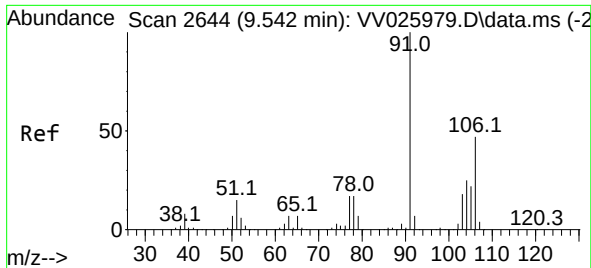
Tgt Ion: 91 Resp: 703160
Ion Ratio Lower Upper
91 100
106 31.0 21.8 40.6



#53
m,p-Xylene
Concen: 54.269 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 106 Resp: 273654
Ion Ratio Lower Upper
106 100
91 204.6 142.0 263.6

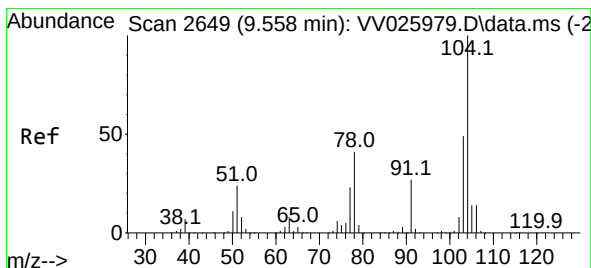
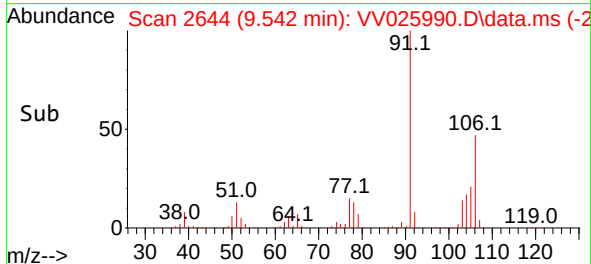
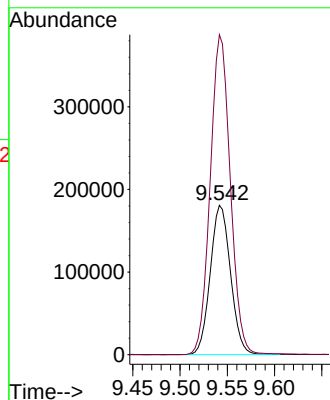
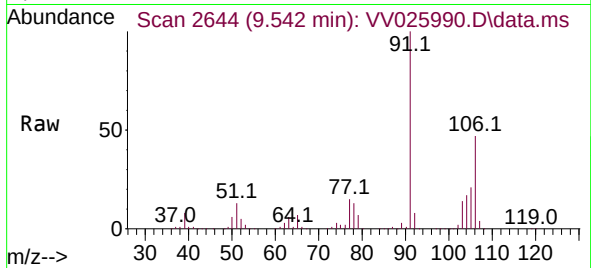




#54
o-Xylene
Concen: 54.536 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

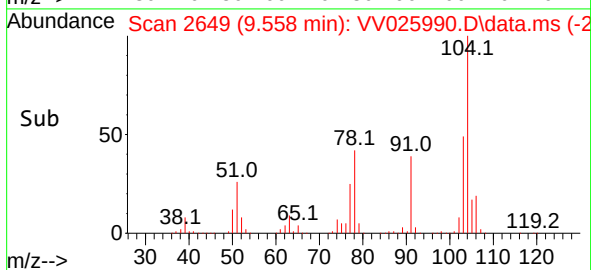
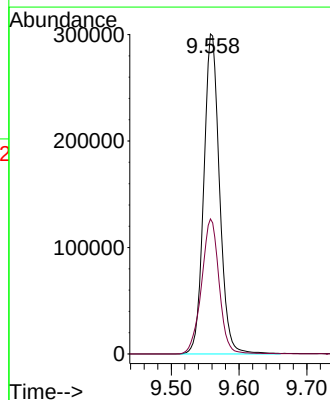
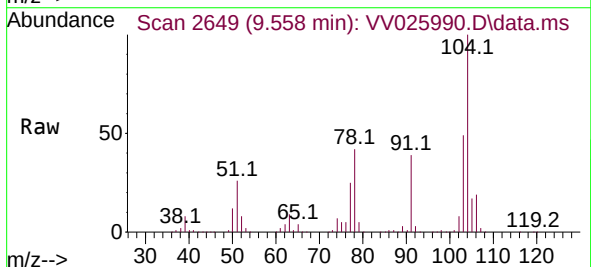
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

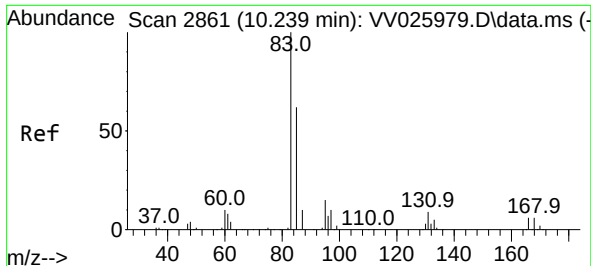
Tgt Ion:106 Resp: 270140
Ion Ratio Lower Upper
106 100
91 214.2 147.4 273.8



#55
Styrene
Concen: 56.267 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion:104 Resp: 485647
Ion Ratio Lower Upper
104 100
78 42.2 29.8 55.3





#57

1,1,2,2-Tetrachloroethane

Concen: 58.350 ug/L

RT: 10.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD050298

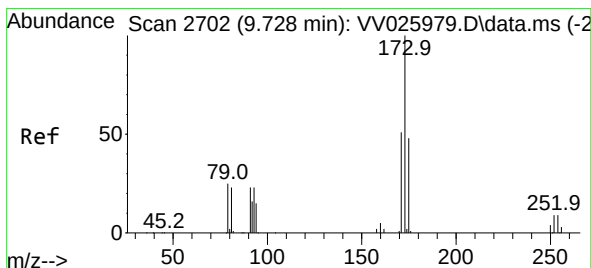
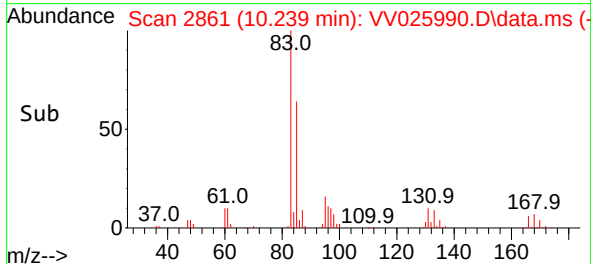
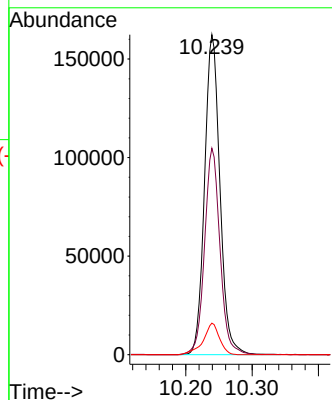
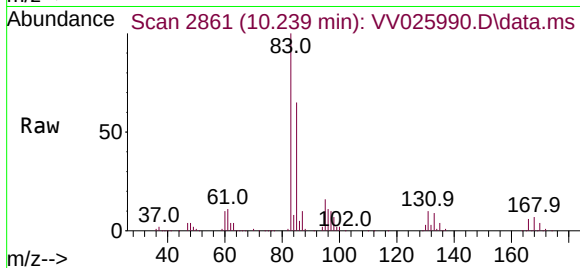
Tgt Ion: 83 Resp: 261024

Ion Ratio Lower Upper

83 100

85 64.5 44.7 82.9

131 9.9 7.5 11.3



#59

Bromoform

Concen: 52.334 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

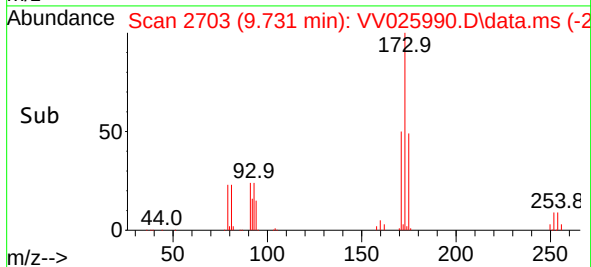
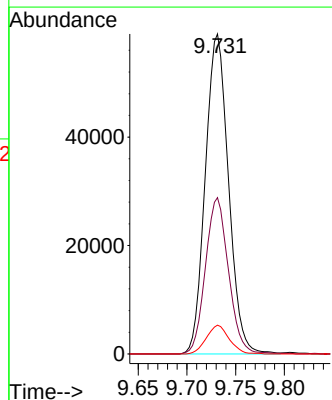
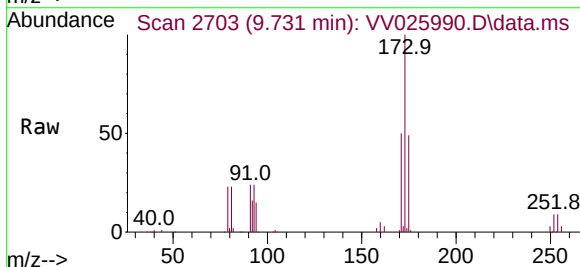
Tgt Ion: 173 Resp: 97683

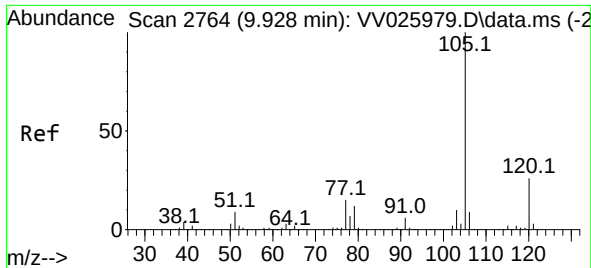
Ion Ratio Lower Upper

173 100

175 48.6 38.1 57.1

254 8.9 7.0 10.6

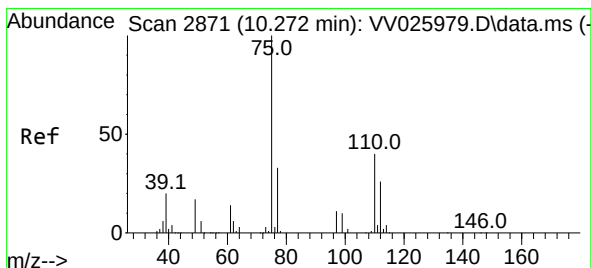
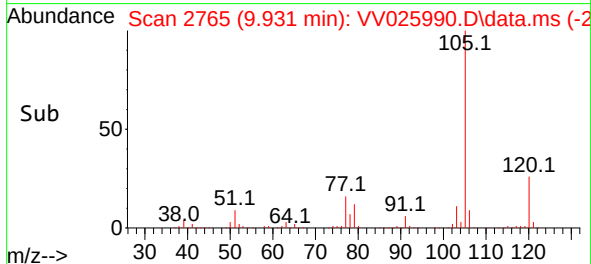
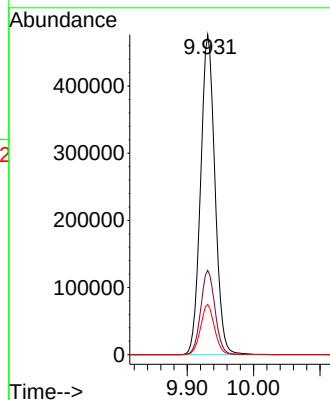
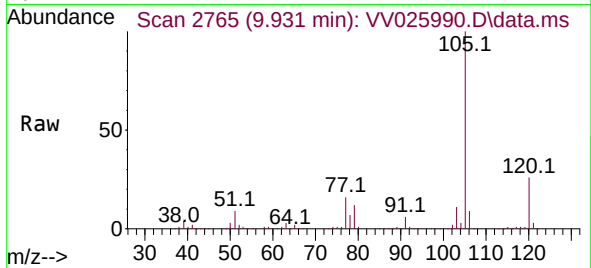




#60
Isopropylbenzene
Concen: 55.190 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

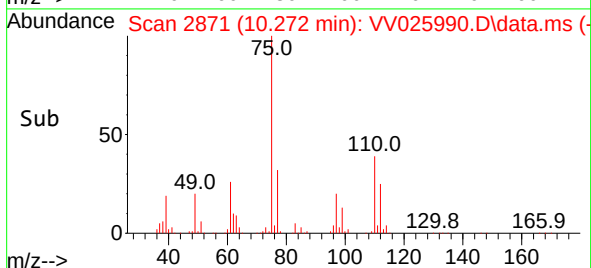
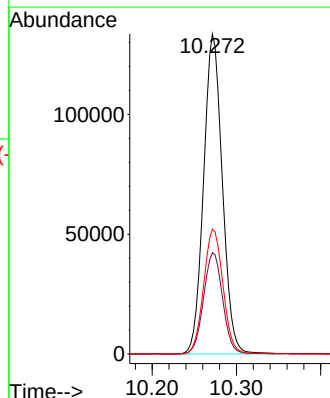
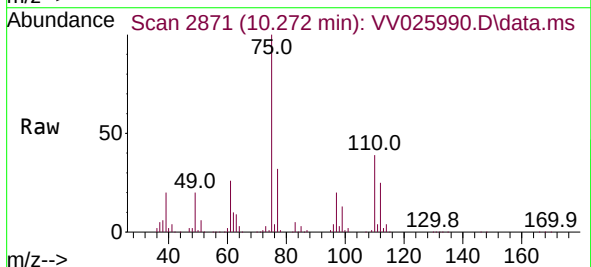
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

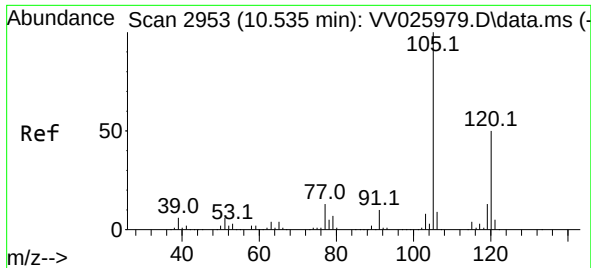
Tgt Ion:105 Resp: 715300
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 54.115 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion: 75 Resp: 207254
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 40.2 32.3 48.5

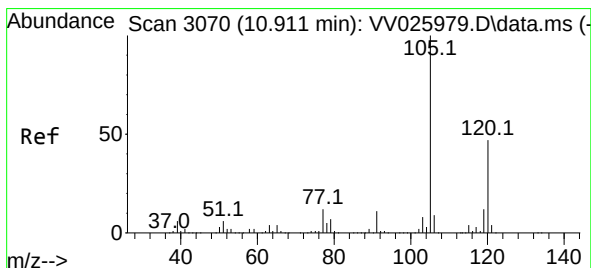
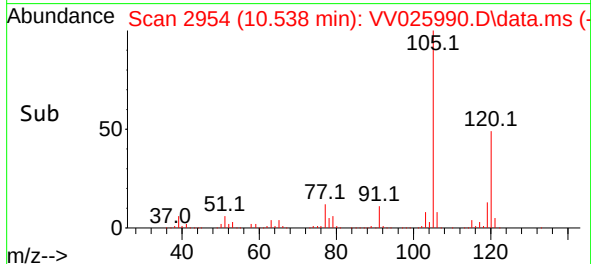
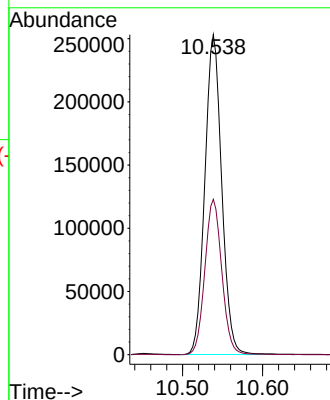
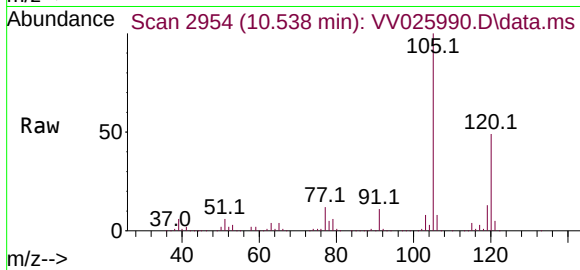




#62
1,3,5-Trimethylbenzene
Concen: 55.651 ug/L
RT: 10.538 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

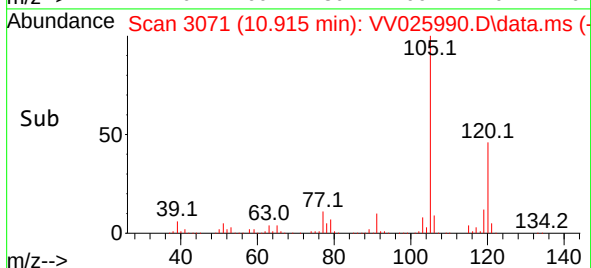
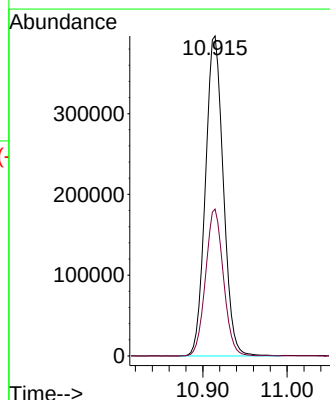
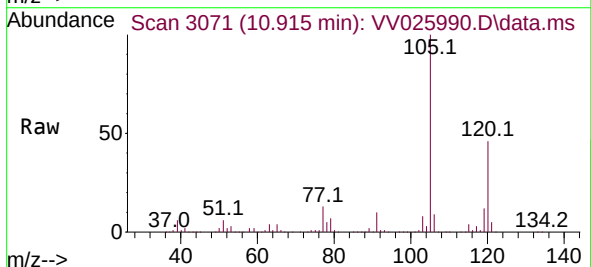
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

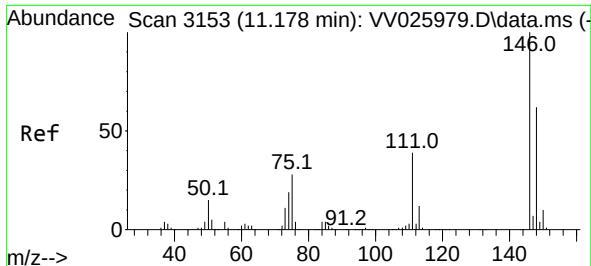
Tgt Ion:105 Resp: 371781
Ion Ratio Lower Upper
105 100
120 48.9 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 56.501 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion:105 Resp: 585649
Ion Ratio Lower Upper
105 100
120 45.8 36.6 55.0

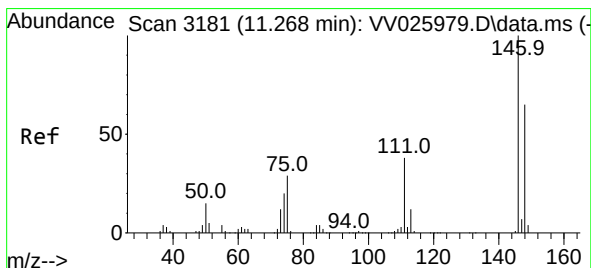
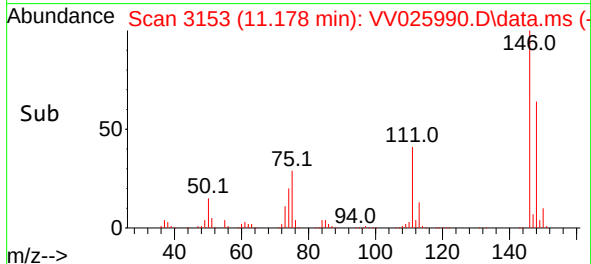
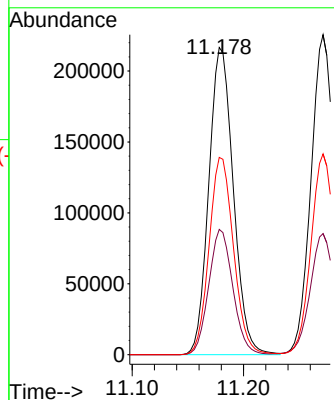
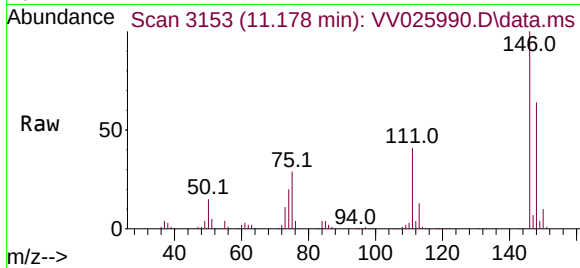




#64
1,3-Dichlorobenzene
Concen: 54.100 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

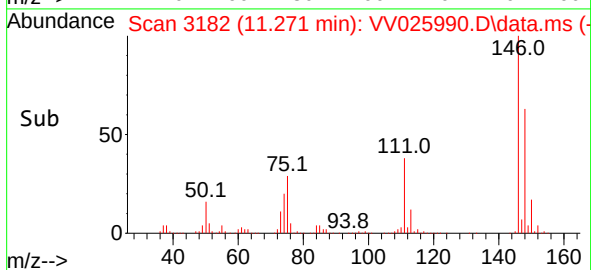
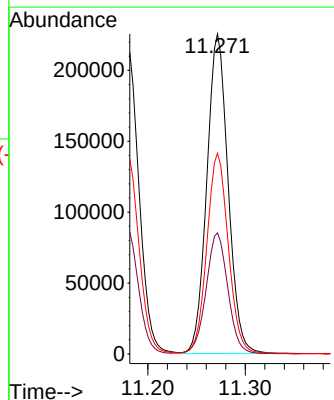
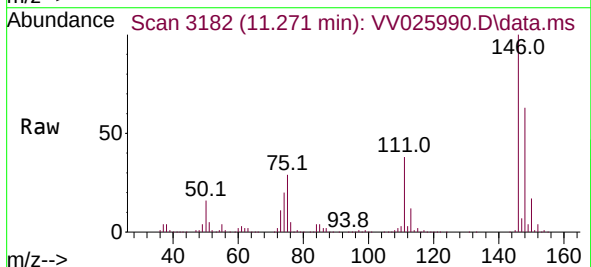
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298

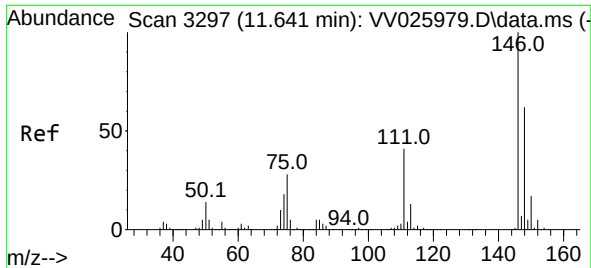
Tgt Ion:146 Resp: 331905
Ion Ratio Lower Upper
146 100
111 40.8 28.1 52.1
148 64.2 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 53.067 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

Tgt Ion:146 Resp: 341187
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 62.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 53.609 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD050298

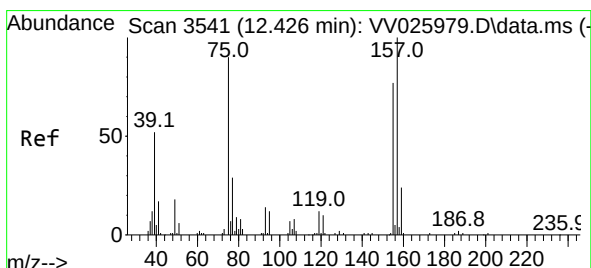
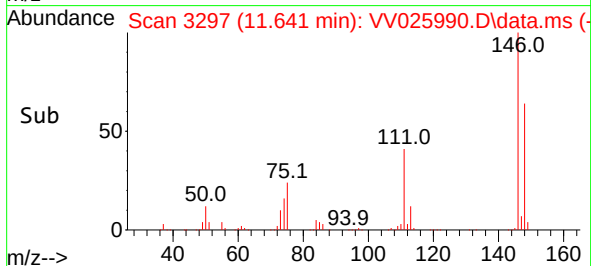
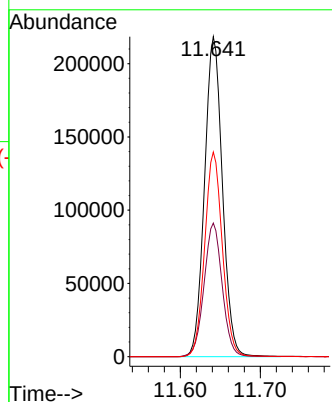
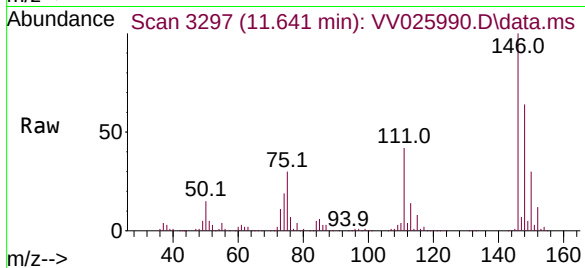
Tgt Ion:146 Resp: 340185

Ion Ratio Lower Upper

146 100

111 41.7 33.7 50.5

148 63.9 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 54.022 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

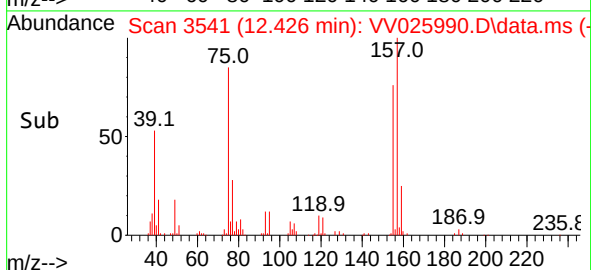
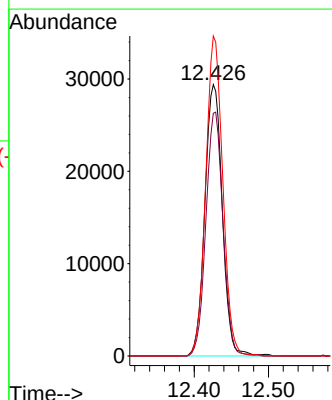
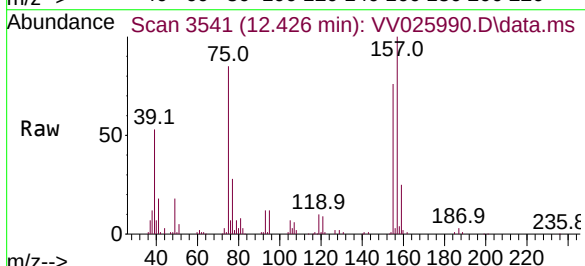
Tgt Ion: 75 Resp: 47767

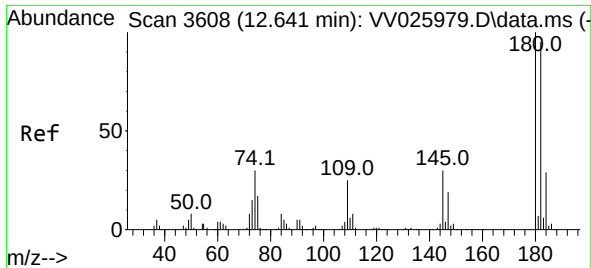
Ion Ratio Lower Upper

75 100

155 89.5 66.8 100.2

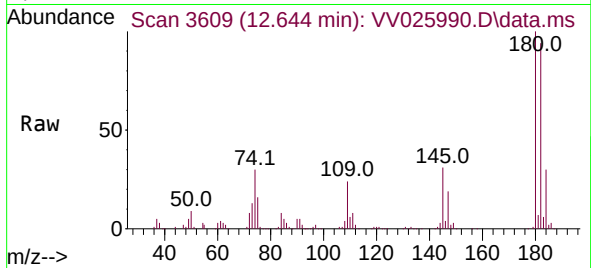
157 117.9 82.5 123.7



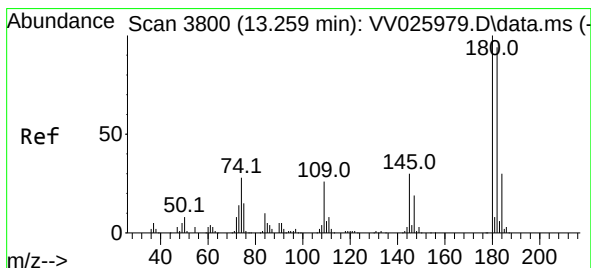
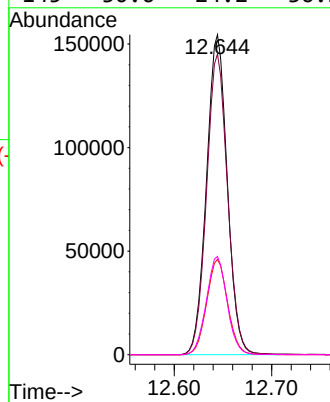
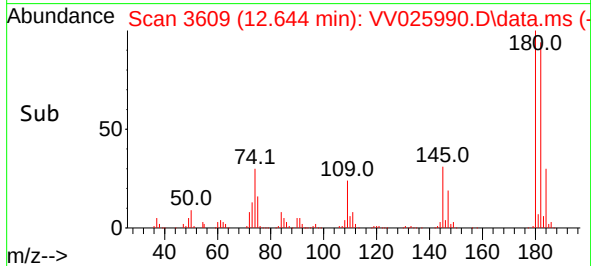


#69
1,3,5-Trichlorobenzene
Concen: 54.053 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35

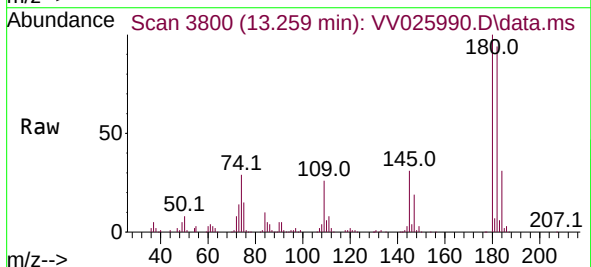
Instrument :
MSVOA_V
ClientSampleId :
VSTD050298



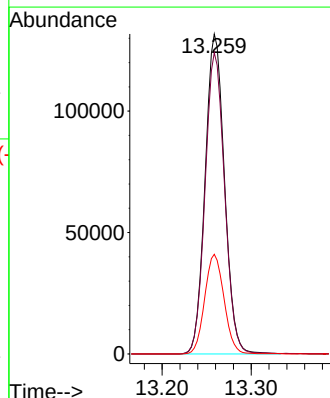
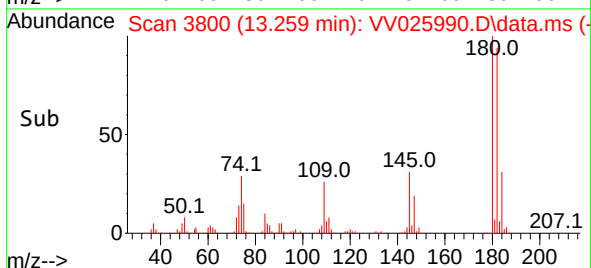
Tgt Ion:180 Resp: 228968
Ion Ratio Lower Upper
180 100
182 95.0 75.1 112.7
184 30.0 23.6 35.4
145 30.6 24.2 36.2

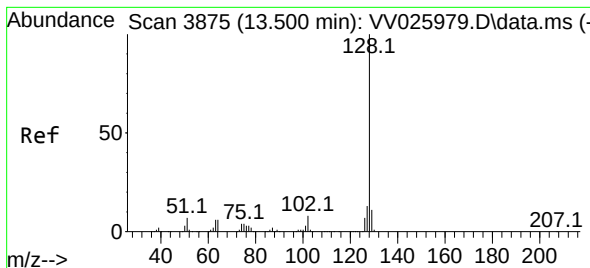


#70
1,2,4-trichlorobenzene
Concen: 55.182 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025990.D
Acq: 02 Jun 2022 17:35



Tgt Ion:180 Resp: 199048
Ion Ratio Lower Upper
180 100
182 94.8 74.8 112.2
145 31.0 24.8 37.2





#71

Naphthalene

Concen: 63.711 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD050298

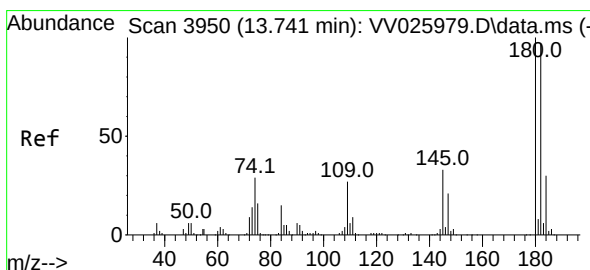
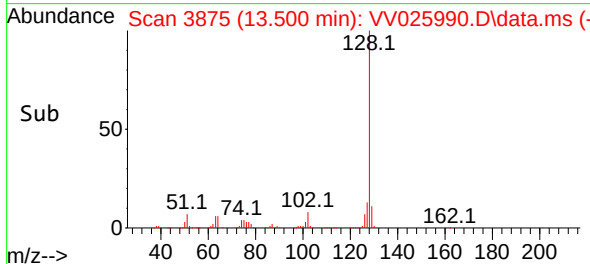
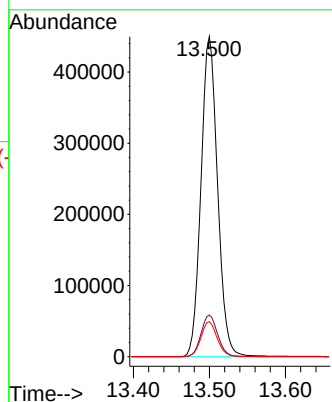
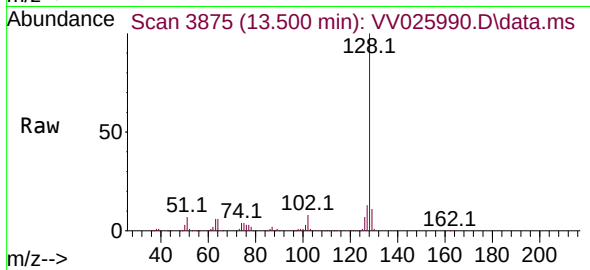
Tgt Ion:128 Resp: 680596

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 58.426 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025990.D

Acq: 02 Jun 2022 17:35

Tgt Ion:180 Resp: 214763

Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.8

145 32.1 26.3 39.5

