

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042122\
 Data File : VW025677.D
 Acq On : 21 Apr 2022 19:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

Quant Time: Apr 22 03:11:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 22 03:06:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112298	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	113011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58271	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	39001	3.736	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.571	69	43564	3.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.400%	
11) 1,1-Dichloroethene-d2	2.111	63	80717	3.859	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	3.895	46	95222	74.979	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	149.960%#	
24) Chloroform-d	4.352	84	85882	5.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
26) 1,2-Dichloroethane-d4	5.034	65	40580	5.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.400%	
32) Benzene-d6	5.053	84	155139	4.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.069	67	49615	5.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.800%	
41) Toluene-d8	7.316	98	137027	4.516	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.625	79	15643	5.104	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.000%	
46) 2-Hexanone-d5	8.088	63	65690	61.065	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.120%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	32956	5.720	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	46363	4.746	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	28929	2.852	ug/L	99
3) Chloromethane	1.243	50	54519	4.946	ug/L	99
5) Vinyl chloride	1.313	62	47989	3.853	ug/L	100
6) Bromomethane	1.526	94	33777	3.761	ug/L	98
8) Chloroethane	1.587	64	38406	3.994	ug/L	94
9) Trichlorofluoromethane	1.757	101	59054	3.375	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	30739	3.127	ug/L	98
12) 1,1-Dichloroethene	2.121	96	34000	3.491	ug/L	96
13) Acetone	2.182	43	60692	70.409	ug/L	98
14) Carbon disulfide	2.297	76	66997	2.874	ug/L	99
15) Methyl Acetate	2.442	43	14250	7.438	ug/L #	85
16) Methylene chloride	2.510	84	43480	4.604	ug/L	92
17) Methyl tert-butyl Ether	2.770	73	85928	5.701	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	29912	3.665	ug/L	96
19) 1,1-Dichloroethane	3.194	63	68865	4.981	ug/L	98
21) 2-Butanone	3.976	43	81933	68.788	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	38558	4.487	ug/L	96
23) Bromochloromethane	4.256	128	18239	5.113	ug/L	91
25) Chloroform	4.378	83	75117	5.148	ug/L	96

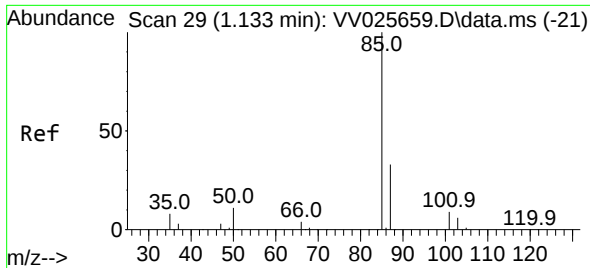
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	44255	5.748	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	50876	3.817	ug/L	98
30) Cyclohexane	4.680	56	32092	2.648	ug/L	96
31) Carbon tetrachloride	4.831	117	38516	3.417	ug/L	100
33) Benzene	5.101	78	138249	4.141	ug/L	100
34) Trichloroethene	5.918	95	31697	3.576	ug/L	98
35) Methylcyclohexane	6.133	83	35472	2.508	ug/L	95
37) 1,2-Dichloropropane	6.175	63	38787	5.022	ug/L	100
38) Bromodichloromethane	6.513	83	48602	5.069	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	43592	4.307	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	212550	68.736	ug/L	95
42) Toluene	7.387	91	130244	3.587	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	37224	4.734	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	28091	5.432	ug/L	95
47) Tetrachloroethene	7.976	164	20559	2.963	ug/L	94
48) 2-Hexanone	8.140	43	156986	72.847	ug/L	94
49) Dibromochloromethane	8.246	129	28561	5.030	ug/L	98
50) 1,2-Dibromoethane	8.352	107	23626	4.863	ug/L	100
51) Chlorobenzene	8.882	112	83410	3.597	ug/L	98
52) Ethylbenzene	9.014	91	115424	2.980	ug/L	98
53) m,p-Xylene	9.140	106	44841	3.045	ug/L	100
54) o-Xylene	9.541	106	44552	3.115	ug/L	96
55) Styrene	9.561	104	77604	3.337	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	27404	5.303	ug/L	98
59) Bromoform	9.731	173	12983	5.398	ug/L	95
60) Isopropylbenzene	9.931	105	111889	3.102	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	22960	5.983	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	46382	2.884	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	83340	2.876	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	56475	3.354	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	56155	3.286	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	52993	3.554	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	3952	5.956	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	38364	2.995	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	29327	2.970	ug/L	99
71) Naphthalene	13.503	128	48383	3.340	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	26082	3.190	ug/L	98

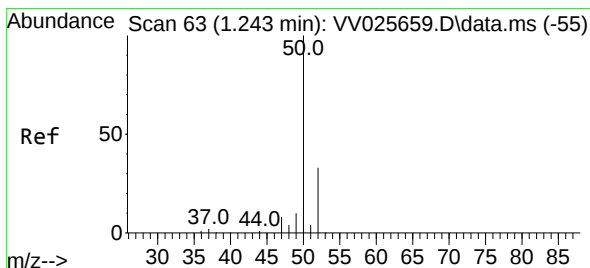
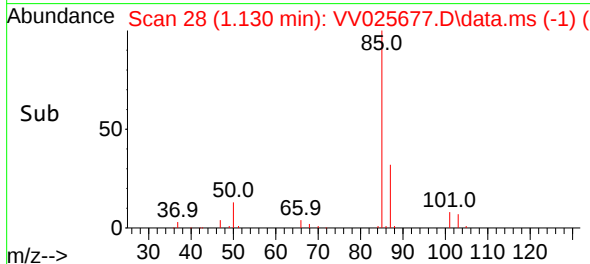
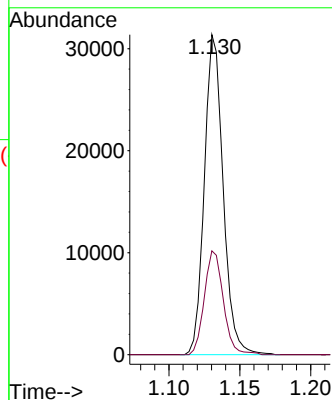
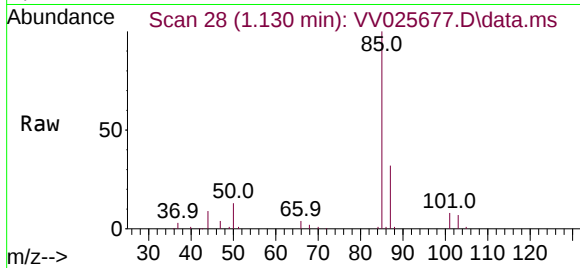
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 2.852 ug/L
 RT: 1.130 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

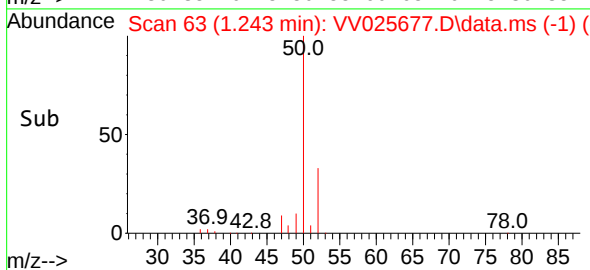
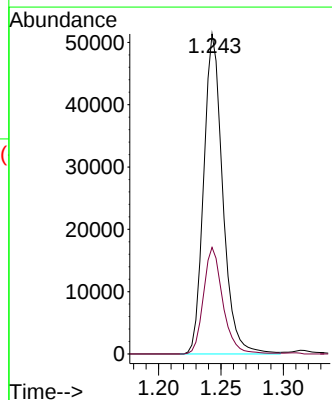
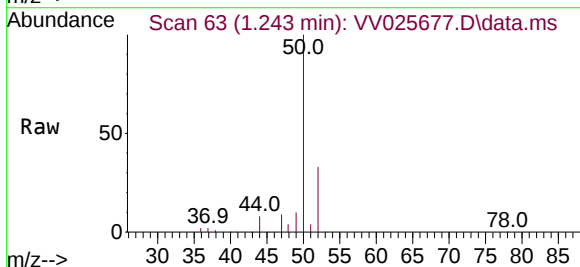
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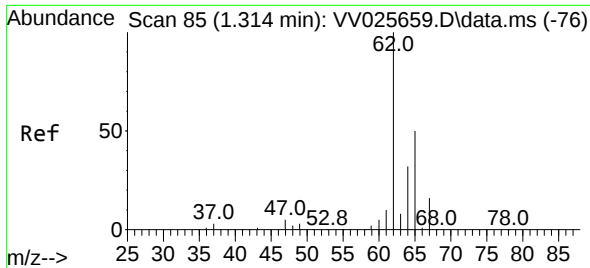
Tgt Ion: 85 Resp: 28929
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.946 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

Tgt Ion: 50 Resp: 54519
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.7 43.9

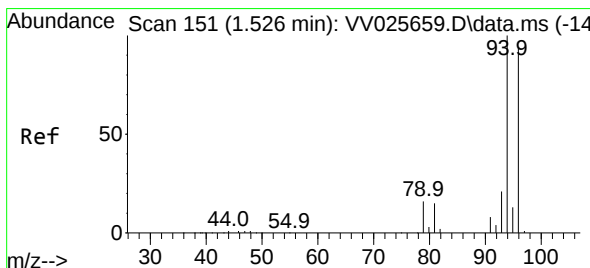
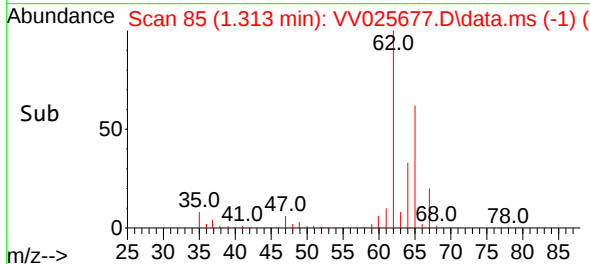
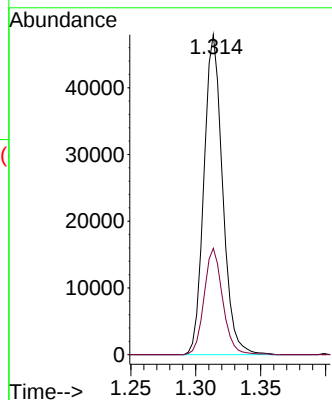
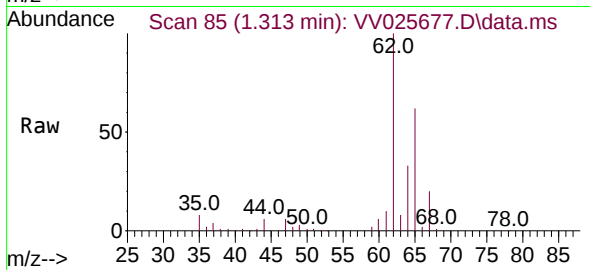




#5
 Vinyl chloride
 Concen: 3.853 ug/L
 RT: 1.313 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

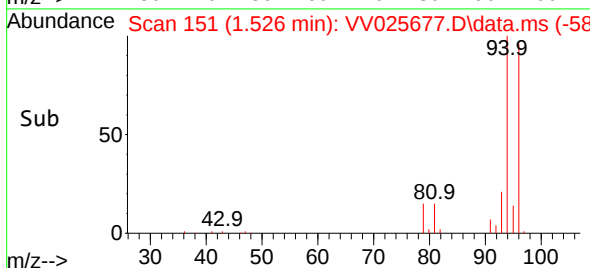
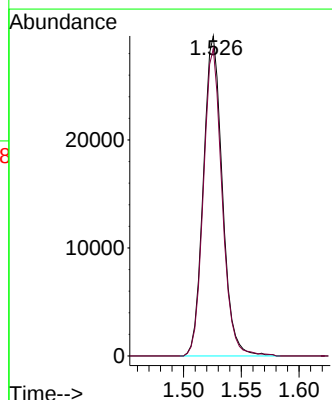
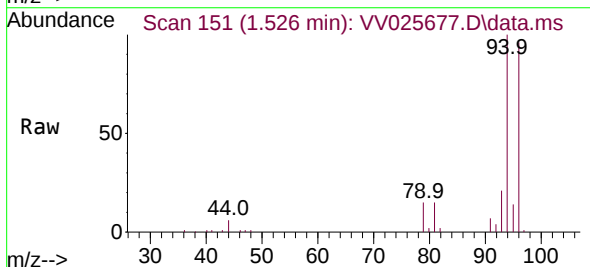
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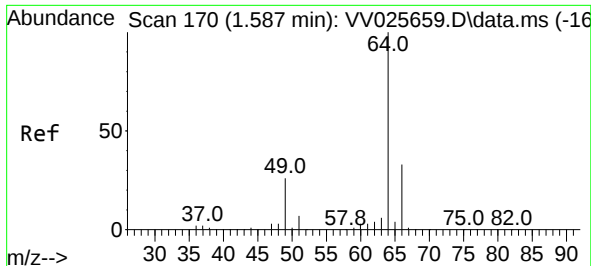
Tgt Ion: 62 Resp: 47989
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 3.761 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

Tgt Ion: 94 Resp: 33777
 Ion Ratio Lower Upper
 94 100
 96 96.0 66.1 122.7

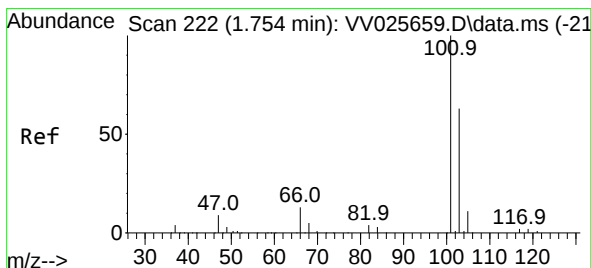
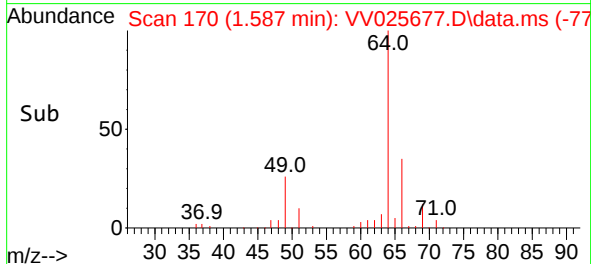
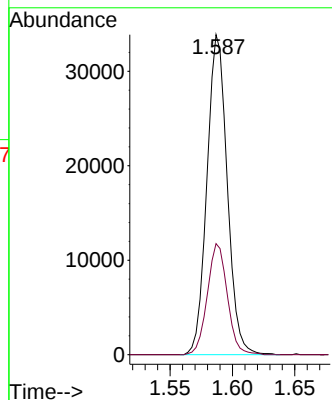
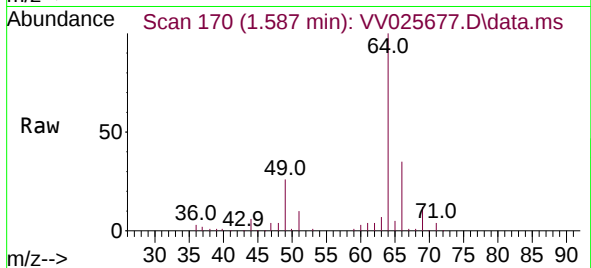




#8
Chloroethane
Concen: 3.994 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

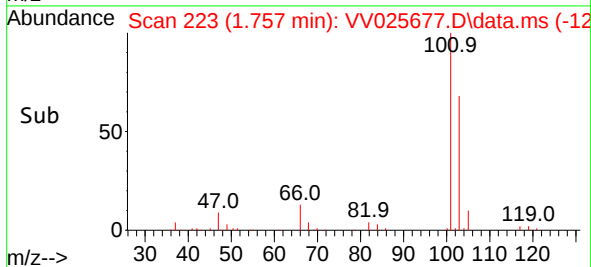
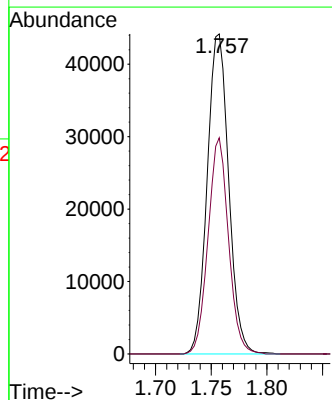
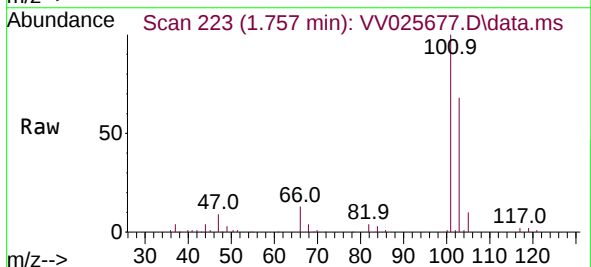
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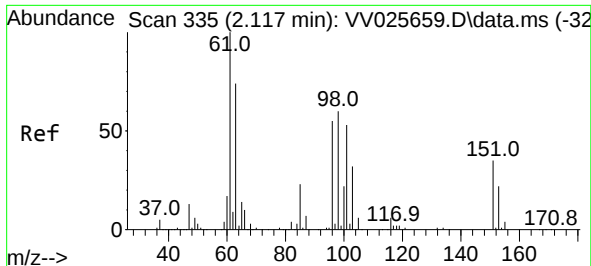
Tgt Ion: 64 Resp: 38406
Ion Ratio Lower Upper
64 100
66 34.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 3.375 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion:101 Resp: 59054
Ion Ratio Lower Upper
101 100
103 64.3 51.9 77.9

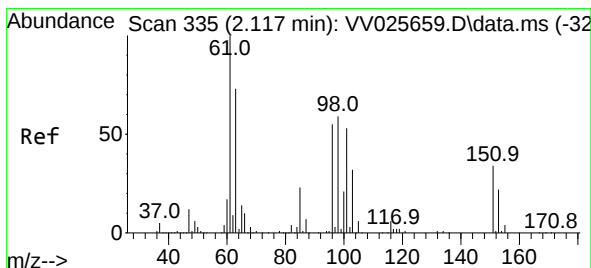
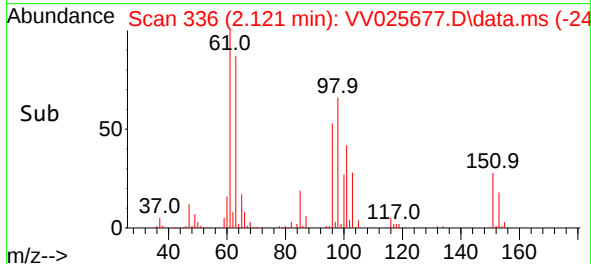
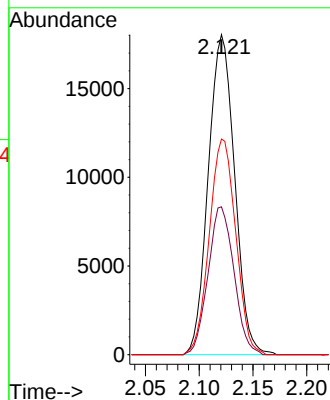
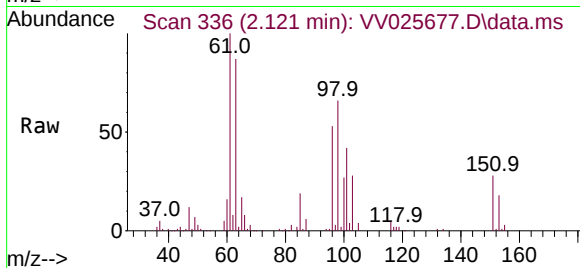




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.127 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

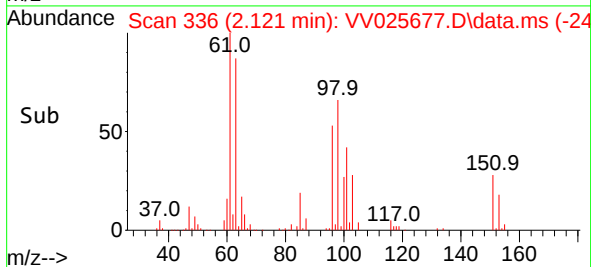
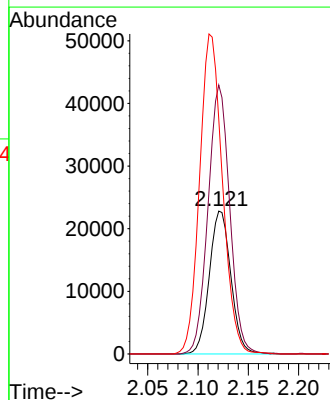
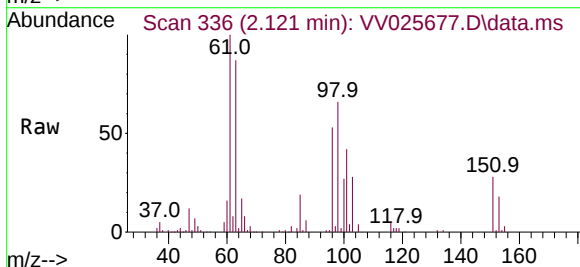
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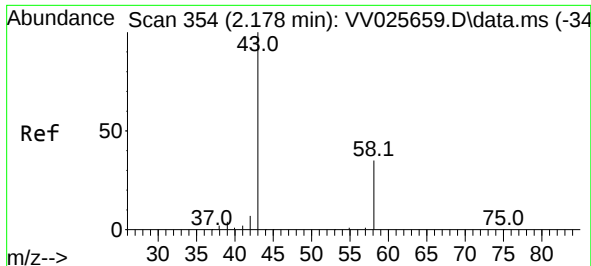
Tgt Ion:101 Resp: 30739
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.9 53.9
 151 67.7 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 3.491 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

Tgt Ion: 96 Resp: 34000
 Ion Ratio Lower Upper
 96 100
 61 188.1 125.2 232.4
 63 164.3 114.4 212.4





#13

Acetone

Concen: 70.409 ug/L

RT: 2.182 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

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MSVOA_V

ClientSampleId :

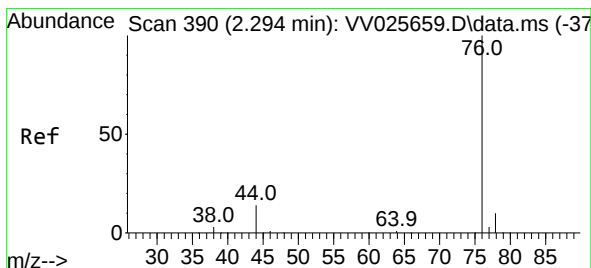
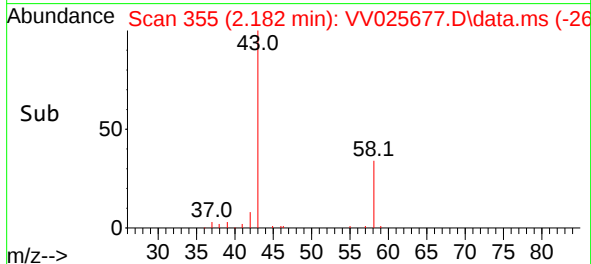
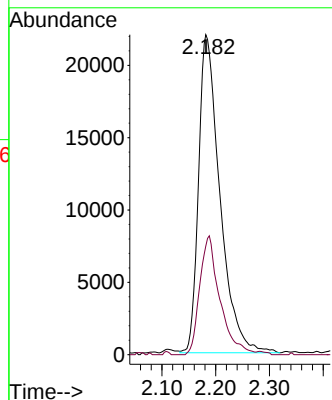
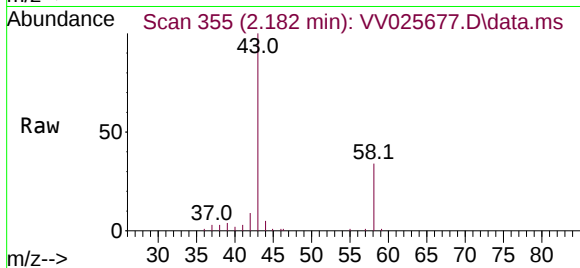
VSTD005389

Tgt Ion: 43 Resp: 60692

Ion Ratio Lower Upper

43 100

58 35.2 0.0 72.2



#14

Carbon disulfide

Concen: 2.874 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025677.D

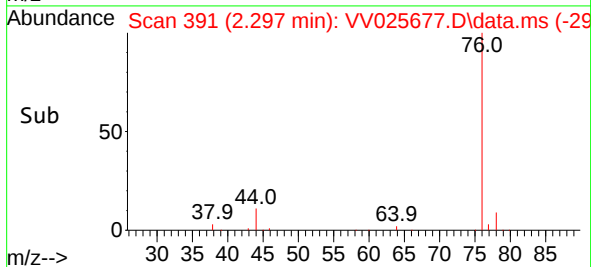
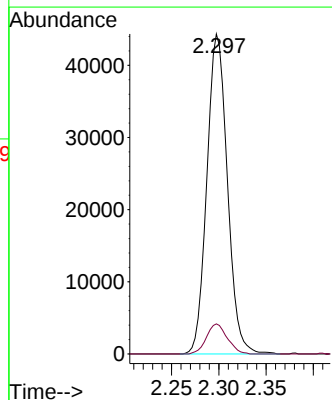
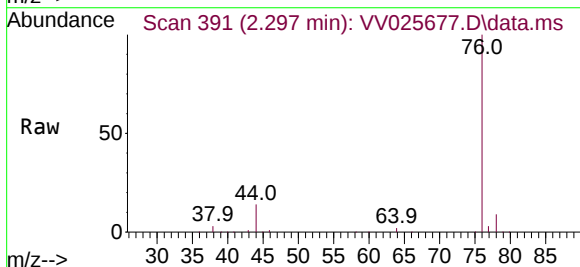
Acq: 21 Apr 2022 19:18

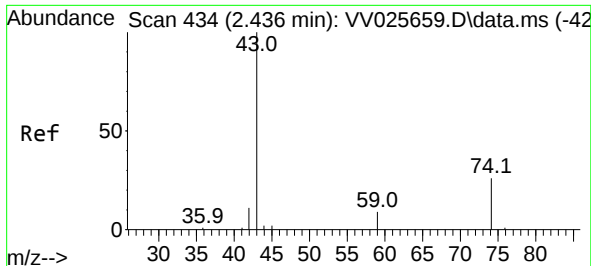
Tgt Ion: 76 Resp: 66997

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9





#15

Methyl Acetate

Concen: 7.438 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

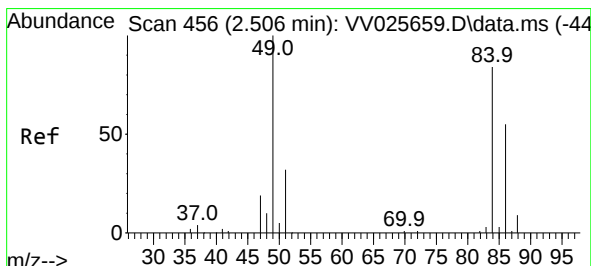
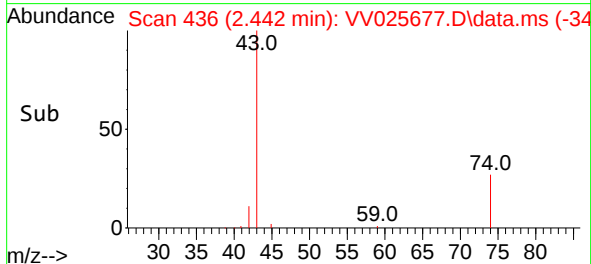
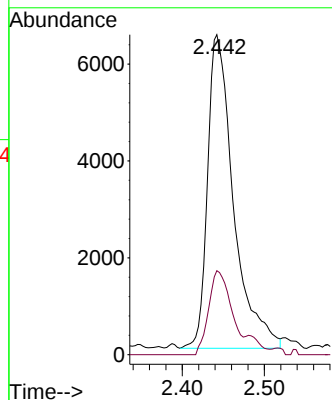
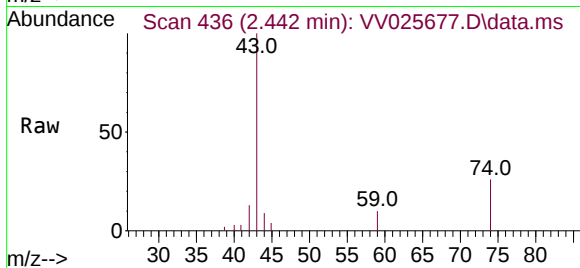
VSTD005389

Tgt Ion: 43 Resp: 14250

Ion Ratio Lower Upper

43 100

74 23.2 25.2 37.8#



#16

Methylene chloride

Concen: 4.604 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

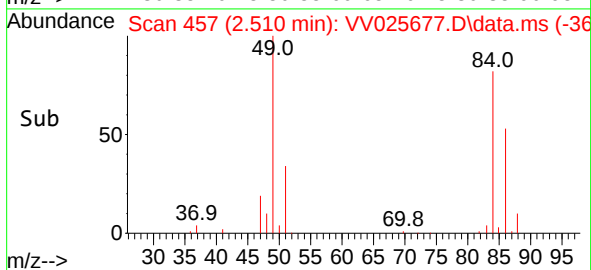
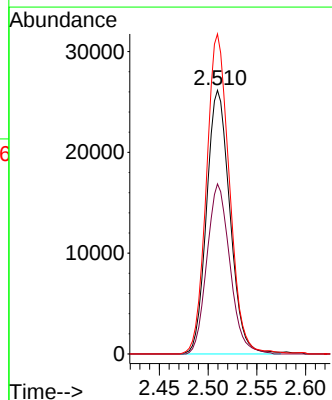
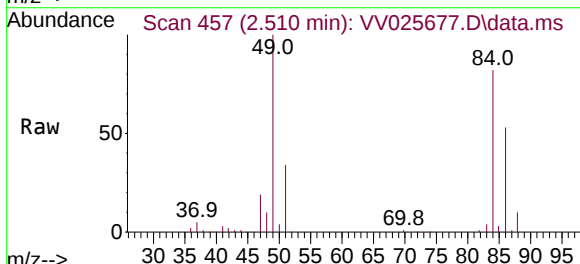
Tgt Ion: 84 Resp: 43480

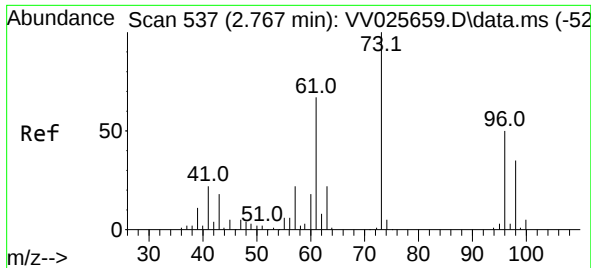
Ion Ratio Lower Upper

84 100

86 64.5 45.9 85.3

49 121.3 76.6 142.3

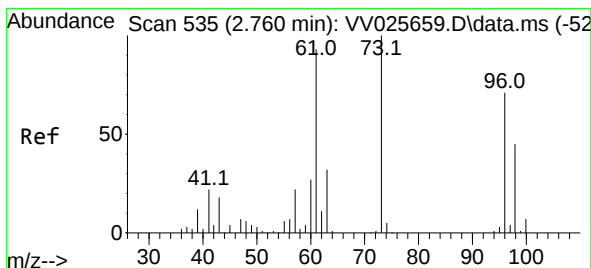
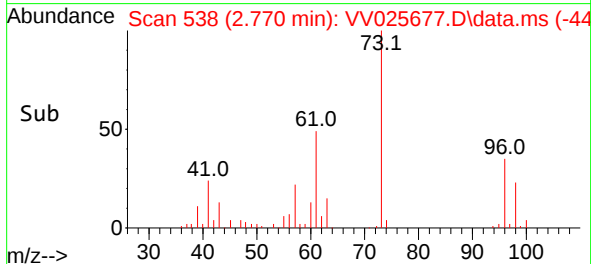
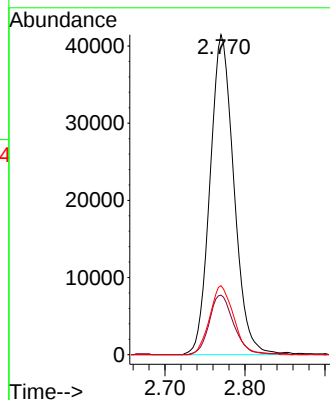
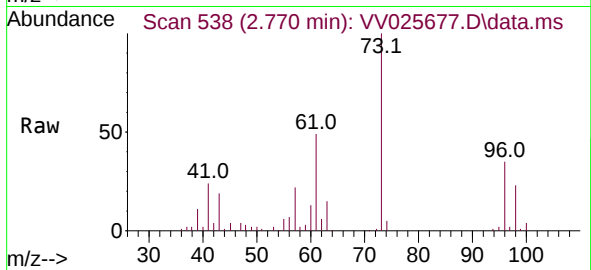




#17
Methyl tert-butyl Ether
Concen: 5.701 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

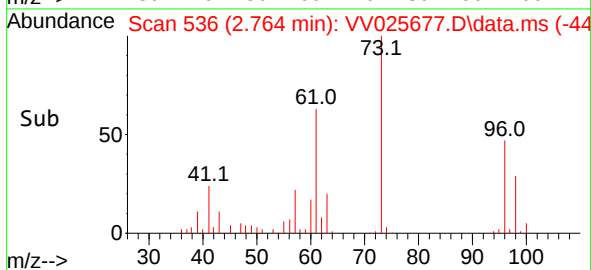
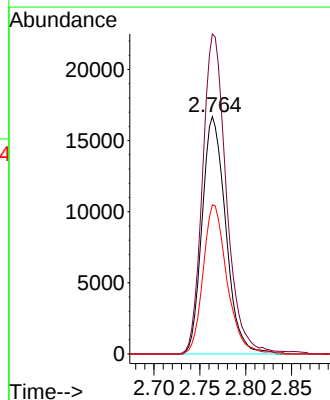
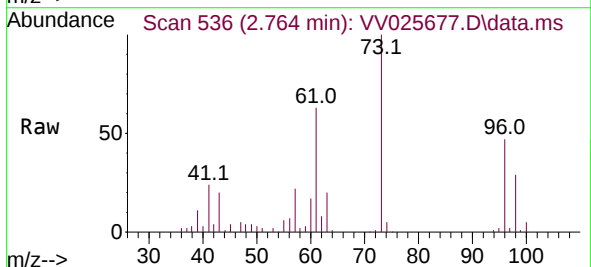
Instrument :
MSVOA_V
ClientSampleId :
VSTD005389

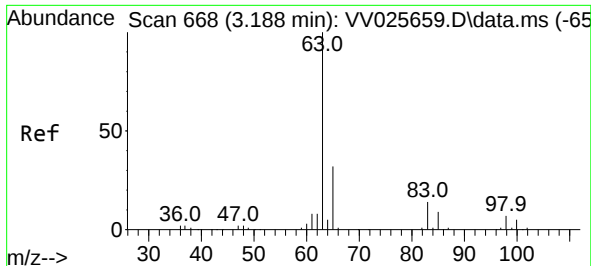
Tgt Ion: 73 Resp: 85928
Ion Ratio Lower Upper
73 100
43 19.2 14.2 21.4
57 21.8 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 3.665 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion: 96 Resp: 29912
Ion Ratio Lower Upper
96 100
61 134.9 92.1 171.1
98 62.8 47.5 88.1





#19

1,1-Dichloroethane

Concen: 4.981 ug/L

RT: 3.194 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005389

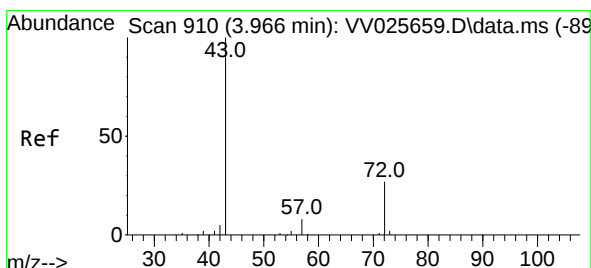
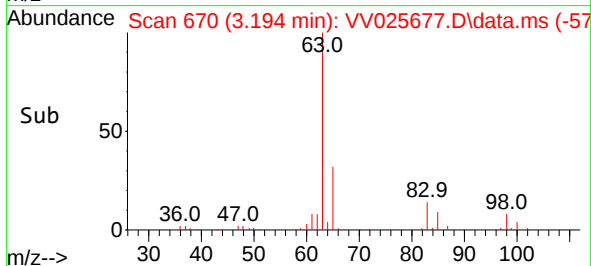
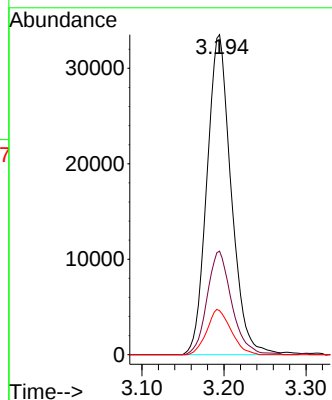
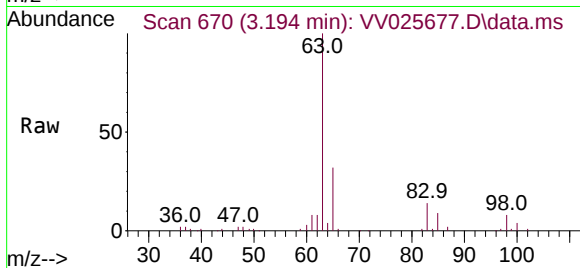
Tgt Ion: 63 Resp: 68865

Ion Ratio Lower Upper

63 100

65 32.3 23.2 43.0

83 13.8 9.0 16.8



#21

2-Butanone

Concen: 68.788 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.010 min

Lab File: VV025677.D

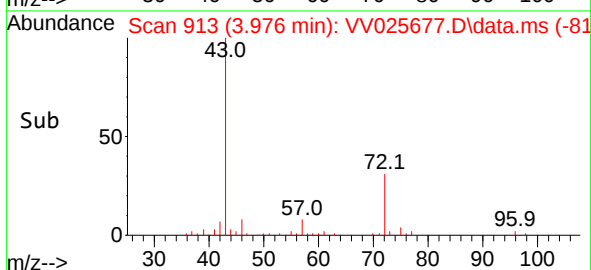
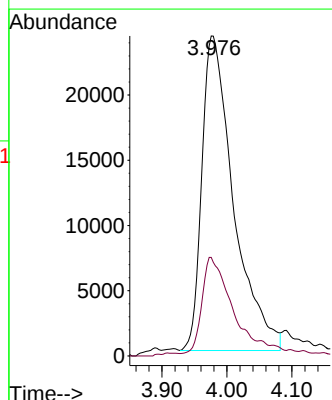
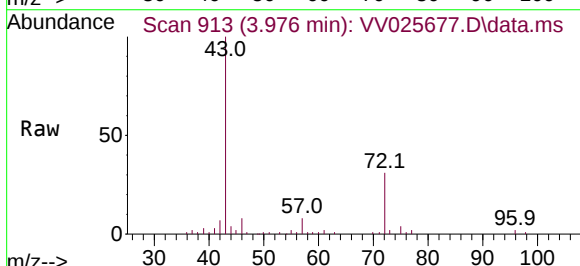
Acq: 21 Apr 2022 19:18

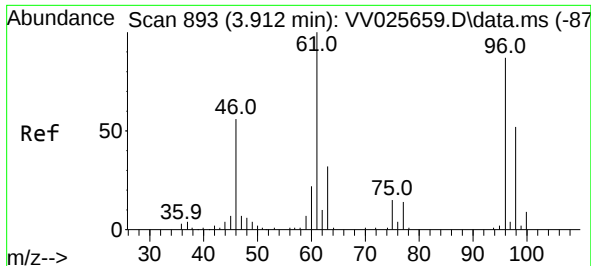
Tgt Ion: 43 Resp: 81933

Ion Ratio Lower Upper

43 100

72 27.5 15.2 45.6

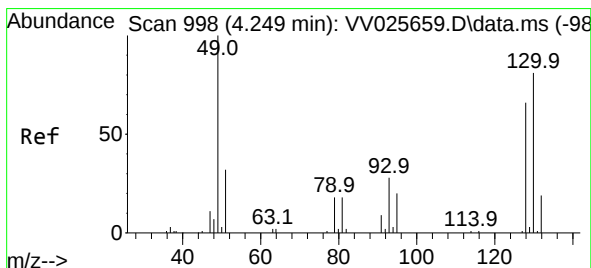
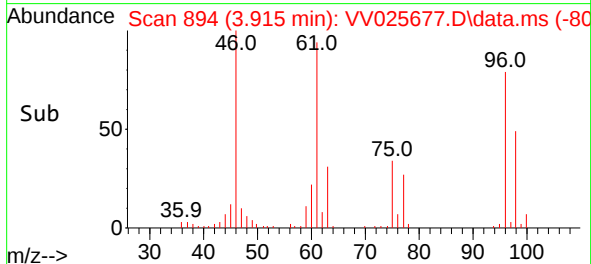
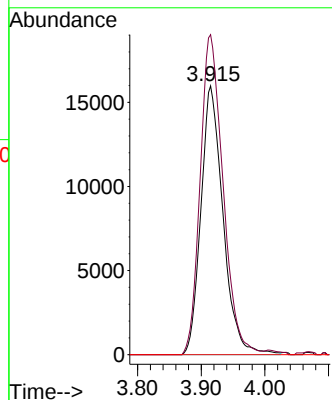
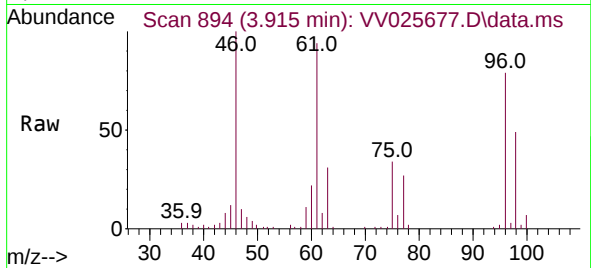




#22
 cis-1,2-Dichloroethene
 Concen: 4.487 ug/L
 RT: 3.915 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

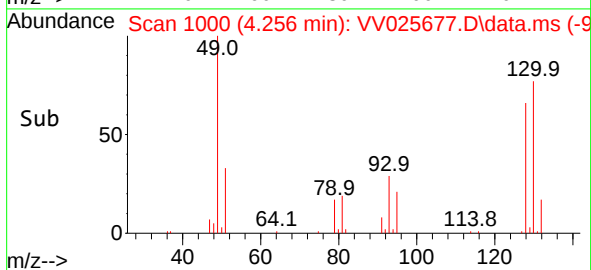
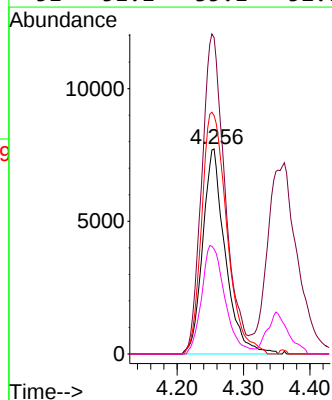
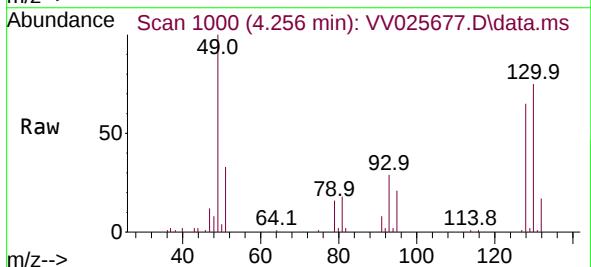
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

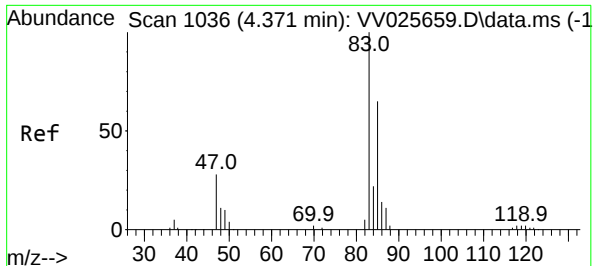
Tgt Ion: 96 Resp: 38558
 Ion Ratio Lower Upper
 96 100
 61 119.0 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.113 ug/L
 RT: 4.256 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

Tgt Ion: 128 Resp: 18239
 Ion Ratio Lower Upper
 128 100
 49 154.2 100.5 186.7
 130 116.2 87.8 163.0
 51 51.1 35.1 52.7





#25

Chloroform

Concen: 5.148 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

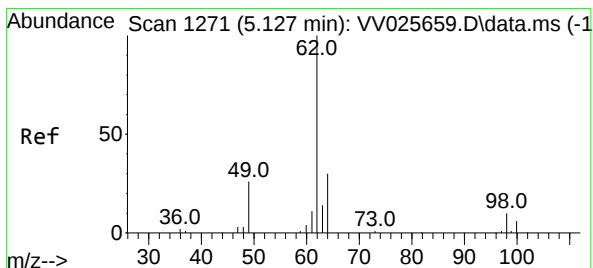
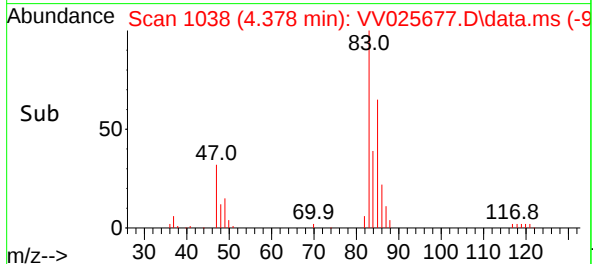
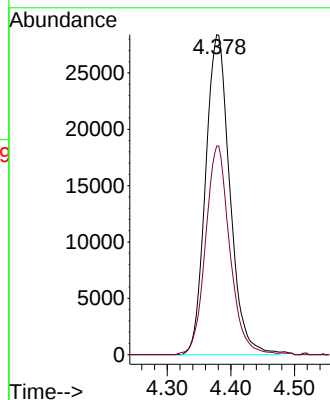
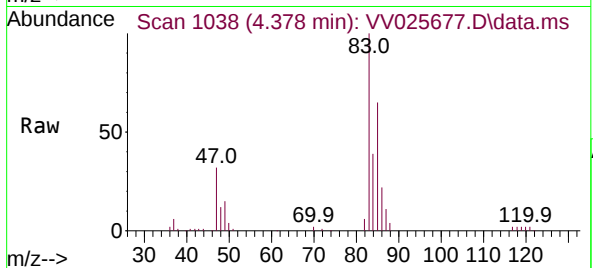
VSTD005389

Tgt Ion: 83 Resp: 75117

Ion Ratio Lower Upper

83 100

85 65.2 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.748 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025677.D

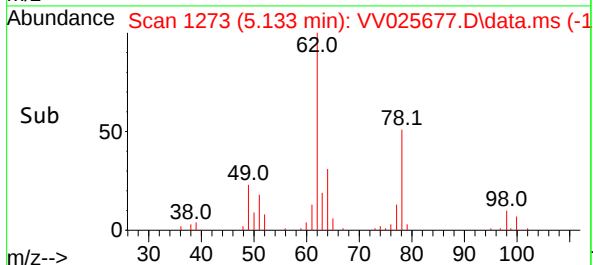
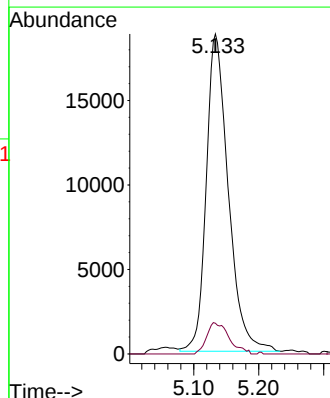
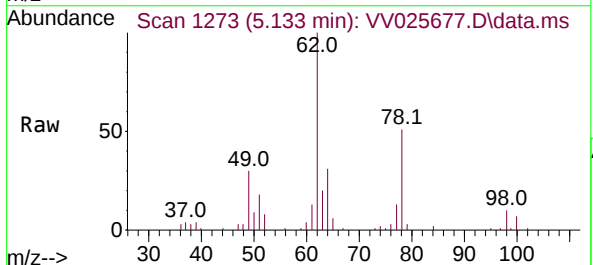
Acq: 21 Apr 2022 19:18

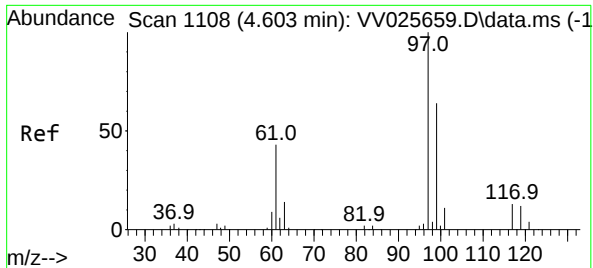
Tgt Ion: 62 Resp: 44255

Ion Ratio Lower Upper

62 100

98 9.6 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 3.817 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005389

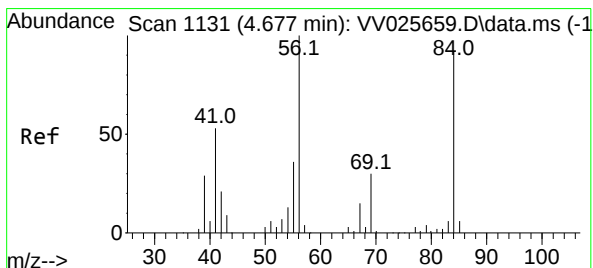
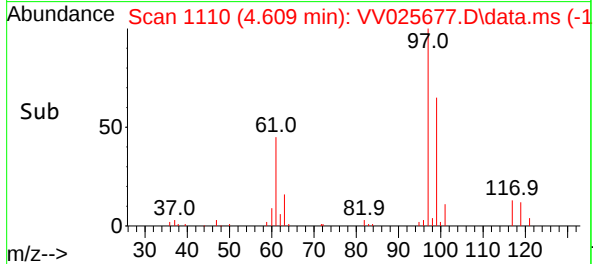
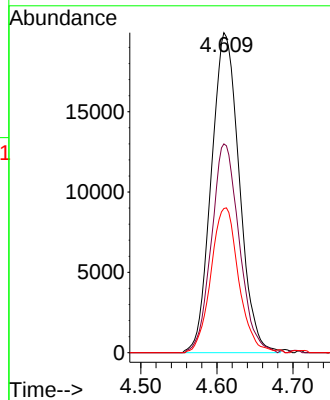
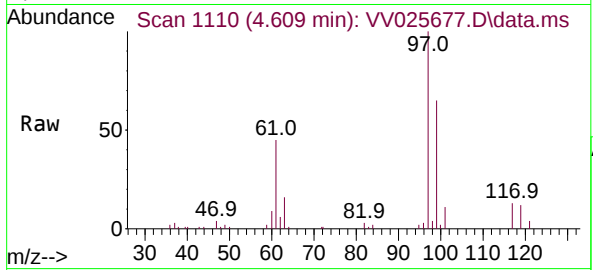
Tgt Ion: 97 Resp: 50876

Ion Ratio Lower Upper

97 100

99 64.8 51.5 77.3

61 44.9 34.3 51.5



#30

Cyclohexane

Concen: 2.648 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

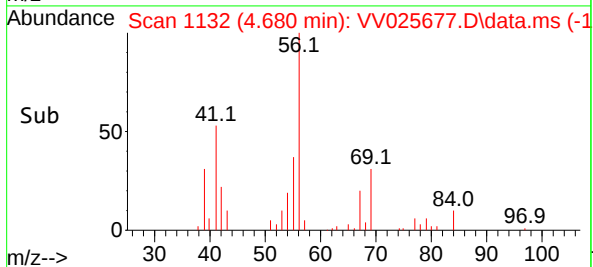
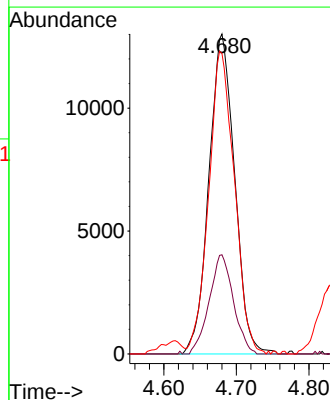
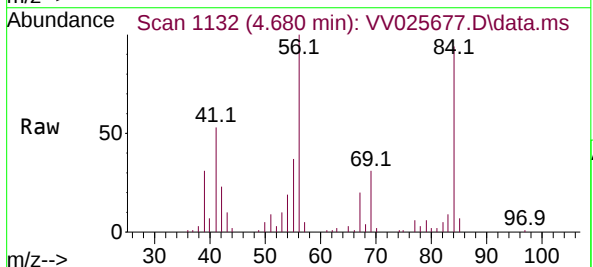
Tgt Ion: 56 Resp: 32092

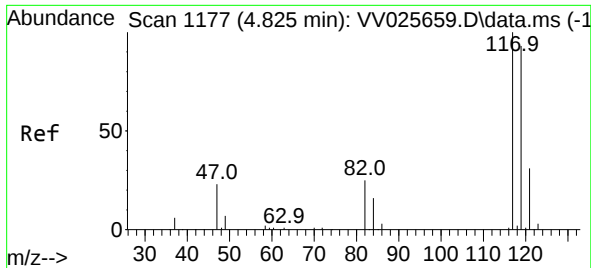
Ion Ratio Lower Upper

56 100

69 29.2 26.1 39.1

84 94.5 78.6 118.0

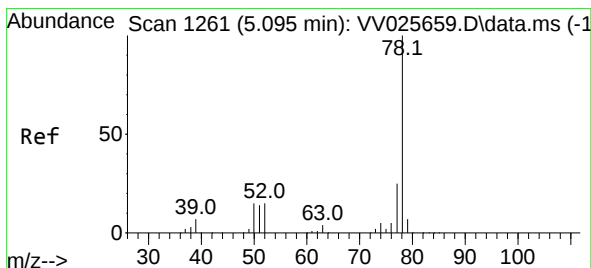
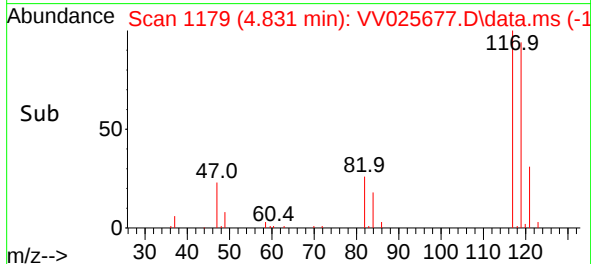
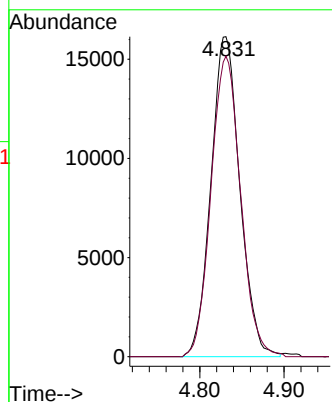
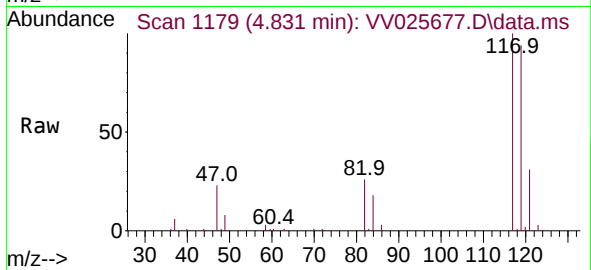




#31
Carbon tetrachloride
Concen: 3.417 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

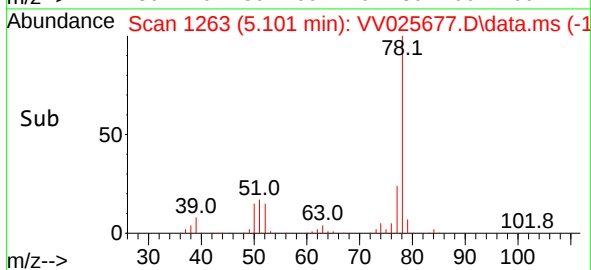
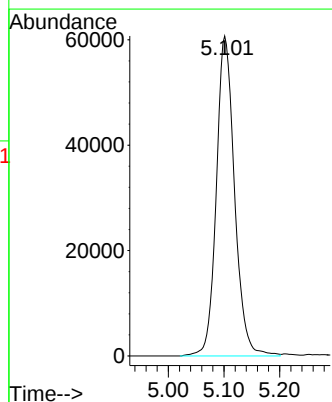
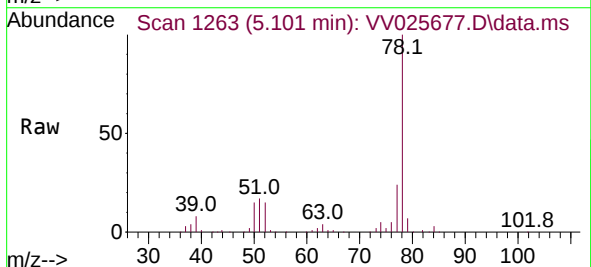
Instrument :
MSVOA_V
ClientSampleId :
VSTD005389

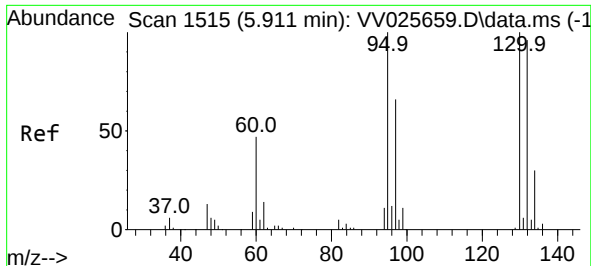
Tgt Ion:117 Resp: 38516
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#33
Benzene
Concen: 4.141 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion: 78 Resp: 138249

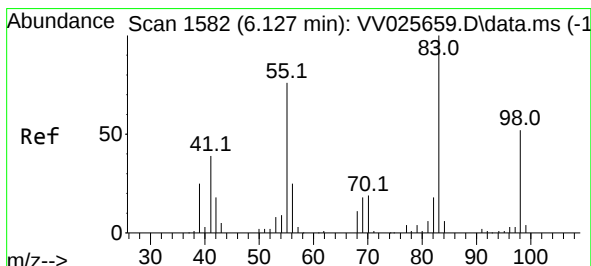
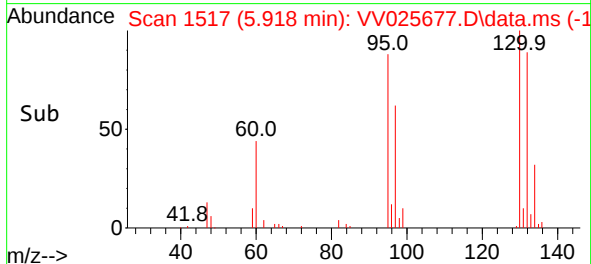
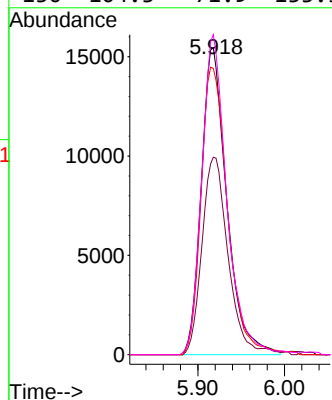
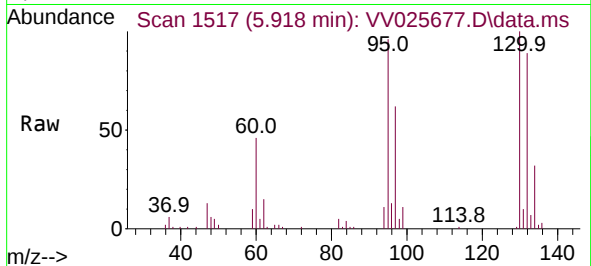




#34
Trichloroethene
Concen: 3.576 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

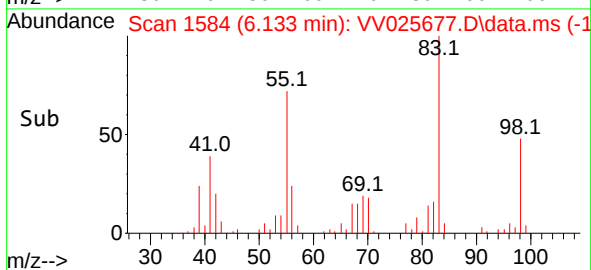
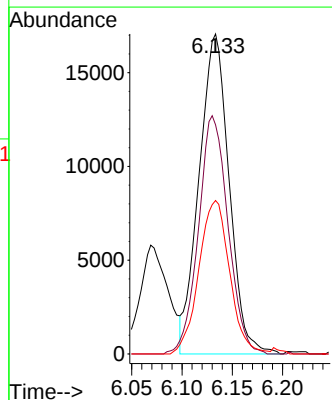
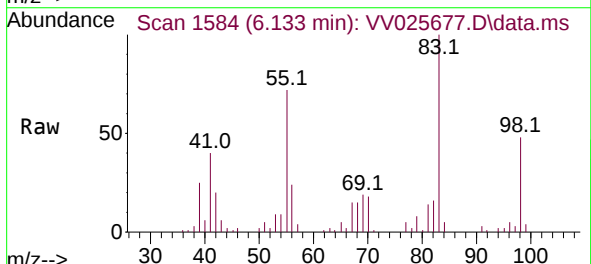
Instrument :
MSVOA_V
ClientSampleId :
VSTD005389

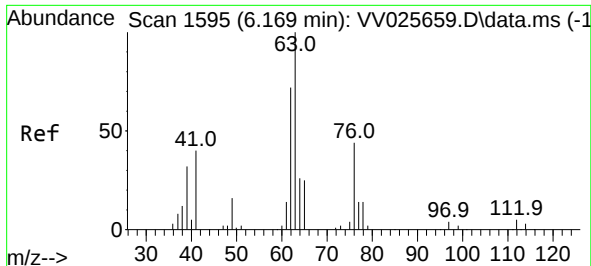
Tgt Ion: 95 Resp: 31697
Ion Ratio Lower Upper
95 100
97 64.4 45.8 85.2
132 93.3 68.0 126.4
130 104.3 71.9 133.5



#35
Methylcyclohexane
Concen: 2.508 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.006 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion: 83 Resp: 35472
Ion Ratio Lower Upper
83 100
55 73.2 53.7 80.5
98 49.0 39.6 59.4

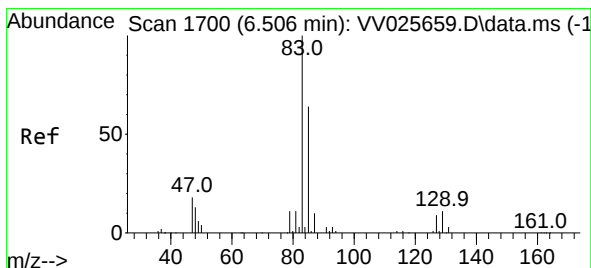
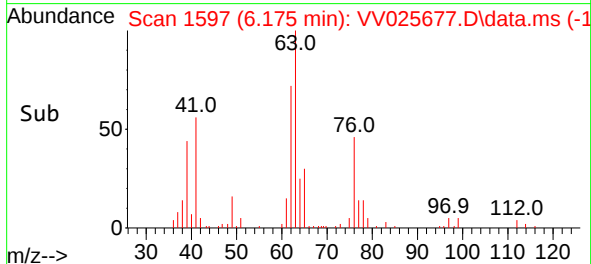
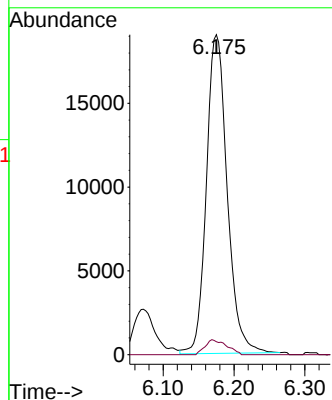
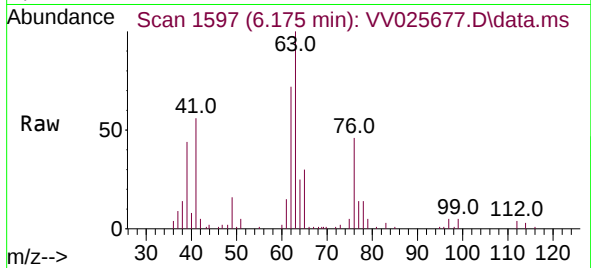




#37
1,2-Dichloropropane
Concen: 5.022 ug/L
RT: 6.175 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

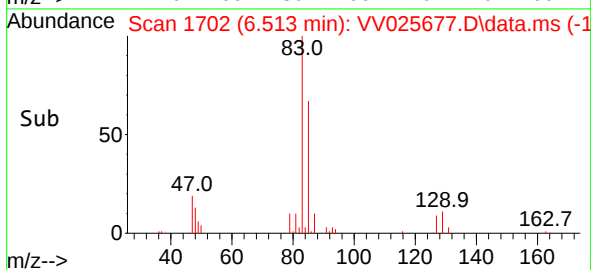
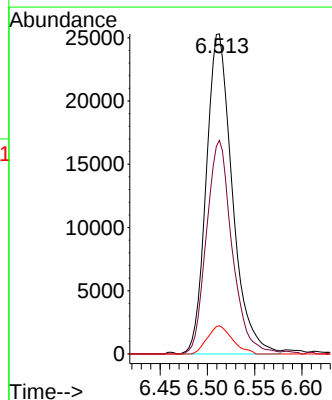
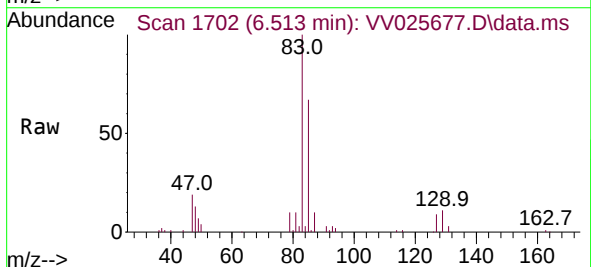
Instrument :
MSVOA_V
ClientSampleId :
VSTD005389

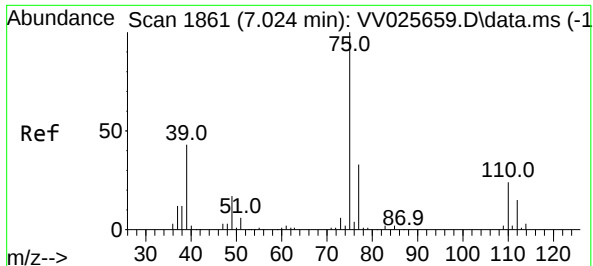
Tgt Ion: 63 Resp: 38787
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.8



#38
Bromodichloromethane
Concen: 5.069 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion: 83 Resp: 48602
Ion Ratio Lower Upper
83 100
85 66.8 44.4 82.4
127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.307 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

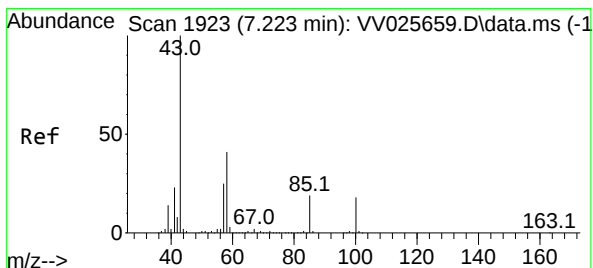
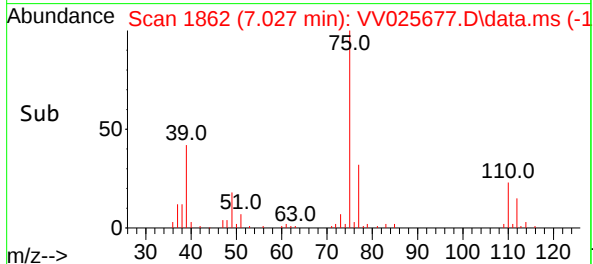
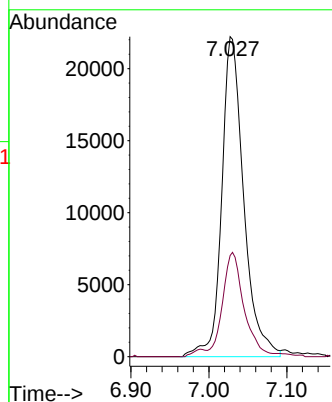
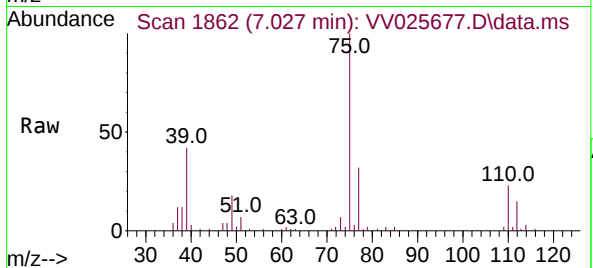
VSTD005389

Tgt Ion: 75 Resp: 43592

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 68.736 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

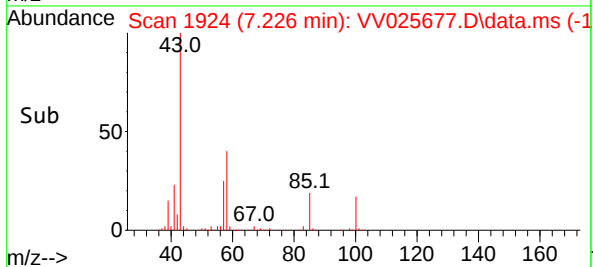
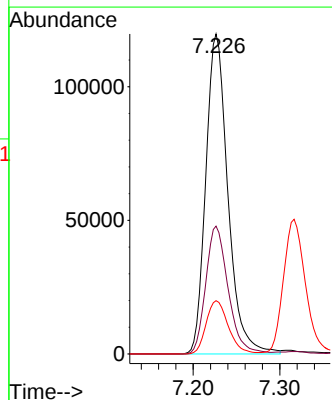
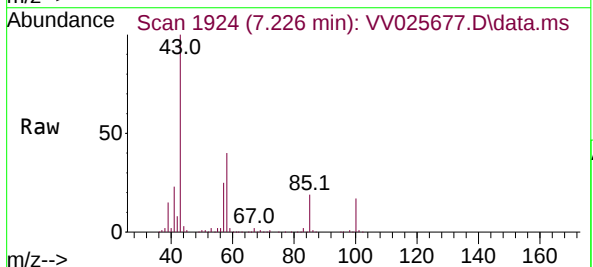
Tgt Ion: 43 Resp: 212550

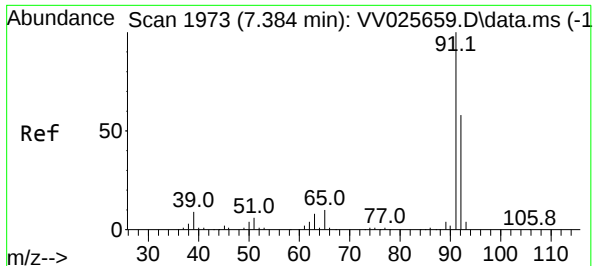
Ion Ratio Lower Upper

43 100

58 40.4 35.1 52.7

100 16.7 15.3 22.9





#42

Toluene

Concen: 3.587 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

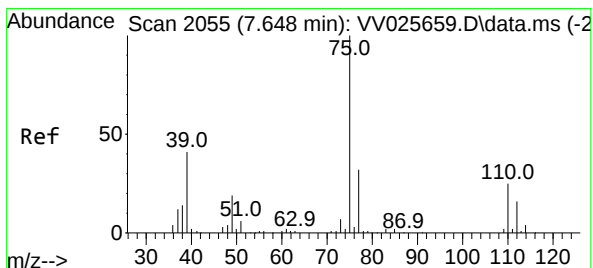
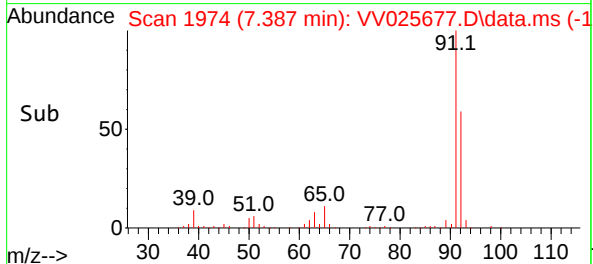
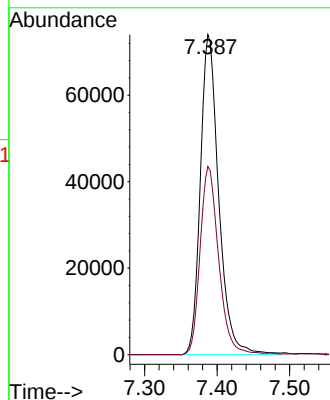
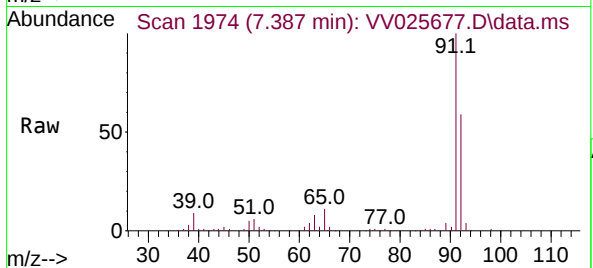
VSTD005389

Tgt Ion: 91 Resp: 130244

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.734 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV025677.D

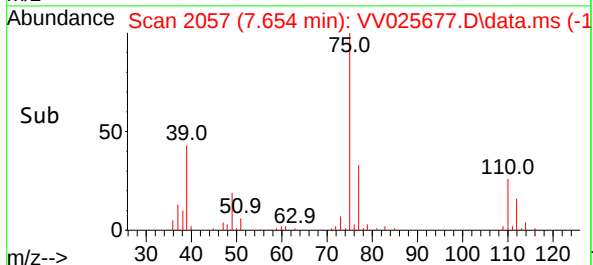
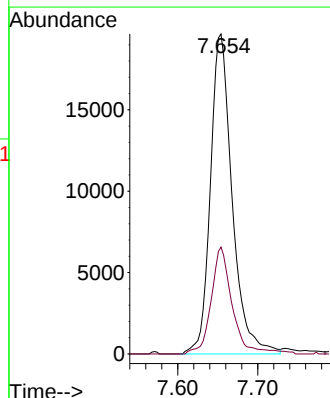
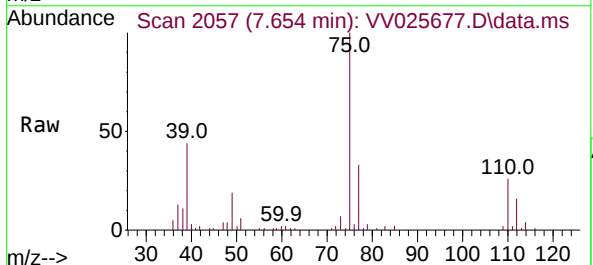
Acq: 21 Apr 2022 19:18

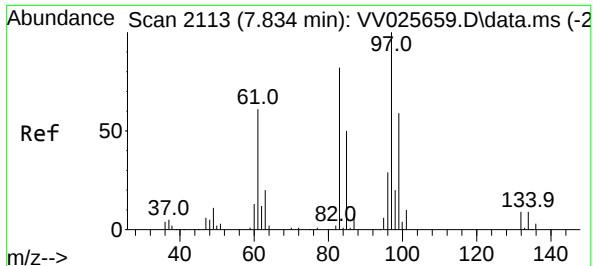
Tgt Ion: 75 Resp: 37224

Ion Ratio Lower Upper

75 100

77 33.4 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.432 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005389

Tgt Ion: 97 Resp: 28091

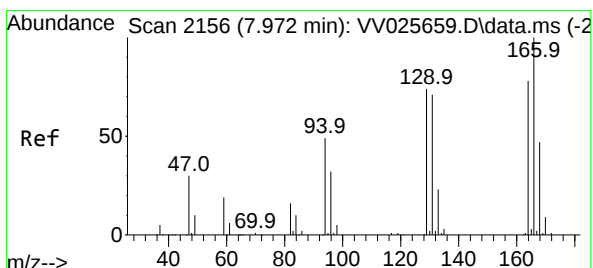
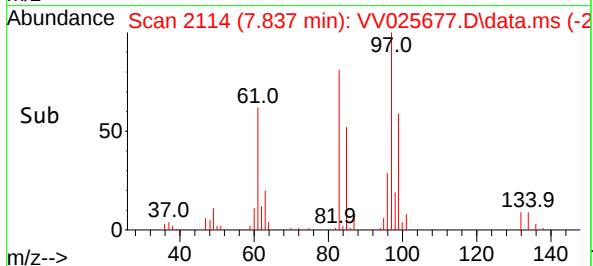
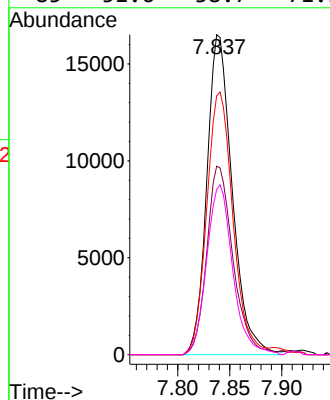
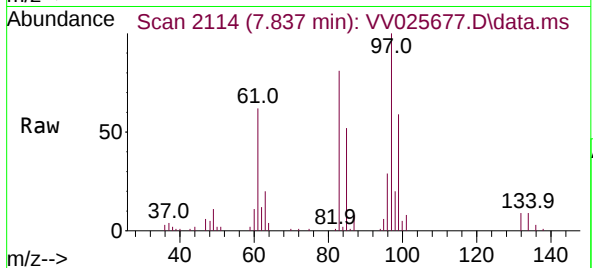
Ion Ratio Lower Upper

97 100

99 58.9 43.8 81.4

83 80.9 60.3 112.1

85 51.6 38.7 71.9



#47

Tetrachloroethene

Concen: 2.963 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Tgt Ion: 164 Resp: 20559

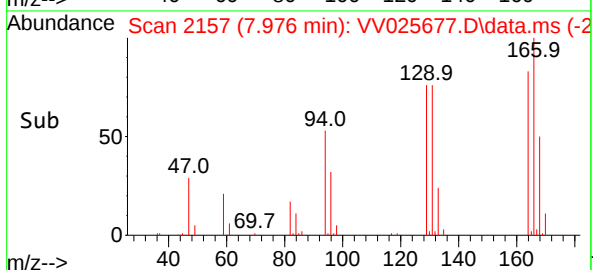
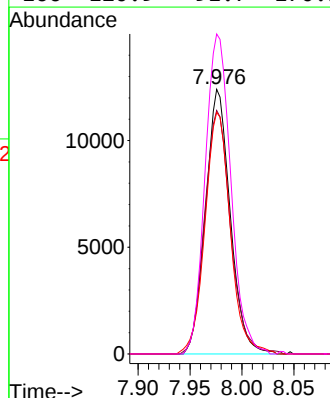
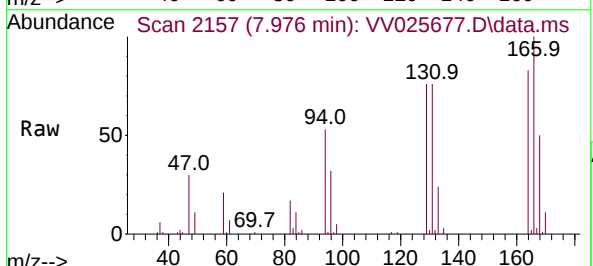
Ion Ratio Lower Upper

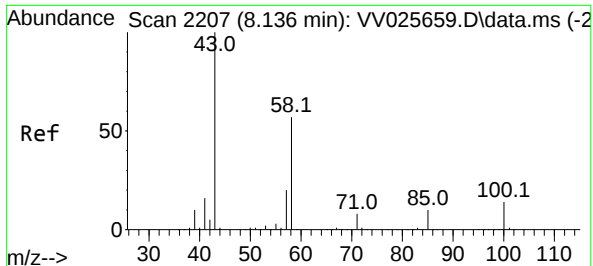
164 100

129 92.0 66.8 124.2

131 91.3 66.4 123.4

166 120.9 91.7 170.3





#48

2-Hexanone

Concen: 72.847 ug/L

RT: 8.140 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005389

Tgt Ion: 43 Resp: 156986

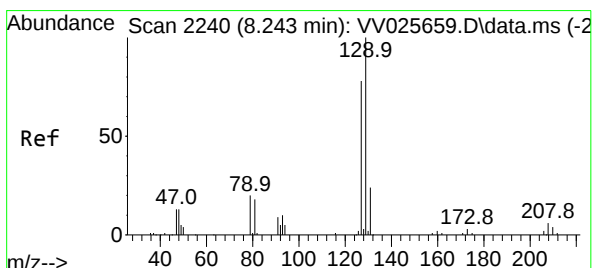
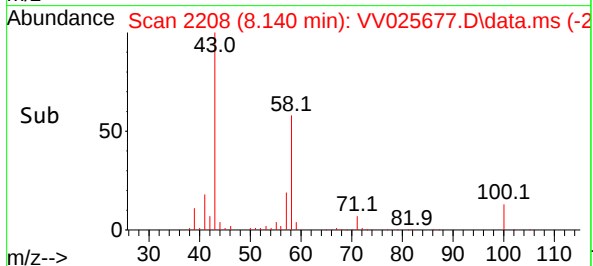
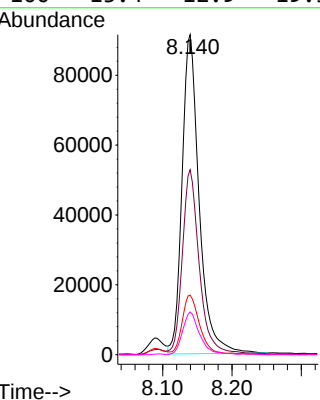
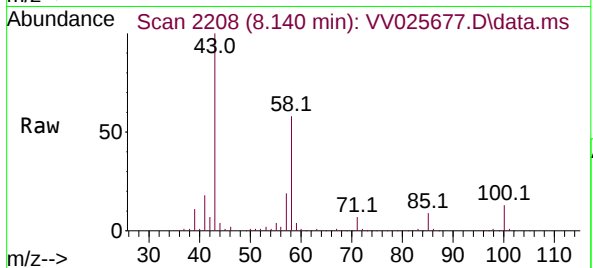
Ion Ratio Lower Upper

43 100

58 57.7 49.7 74.5

57 18.3 16.4 24.6

100 13.4 12.9 19.3



#49

Dibromochloromethane

Concen: 5.030 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV025677.D

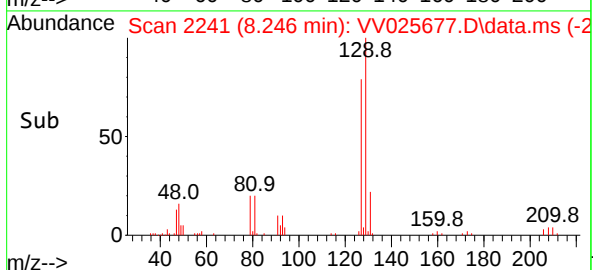
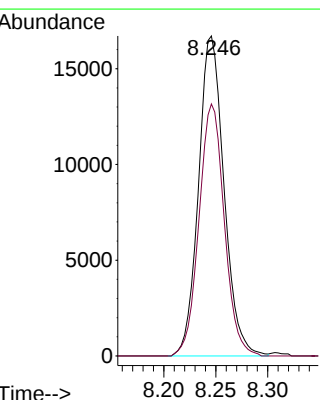
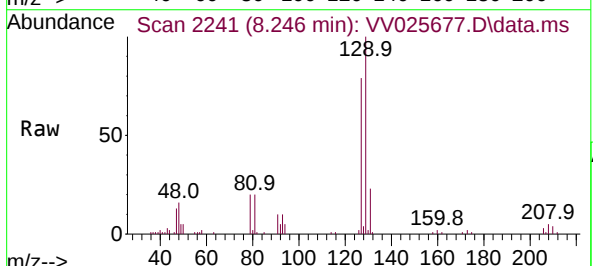
Acq: 21 Apr 2022 19:18

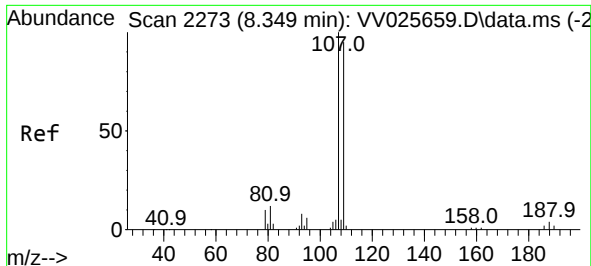
Tgt Ion:129 Resp: 28561

Ion Ratio Lower Upper

129 100

127 78.8 53.8 100.0





#50

1,2-Dibromoethane

Concen: 4.863 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

VSTD005389

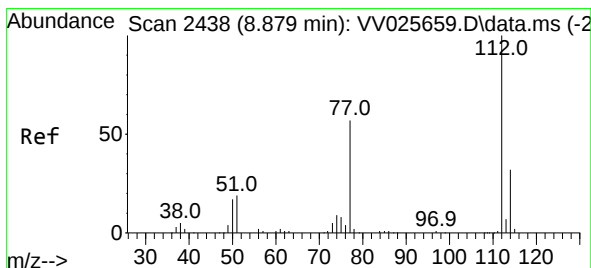
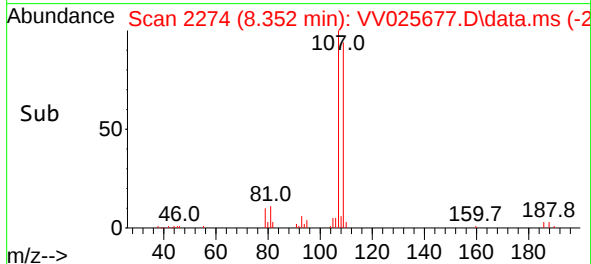
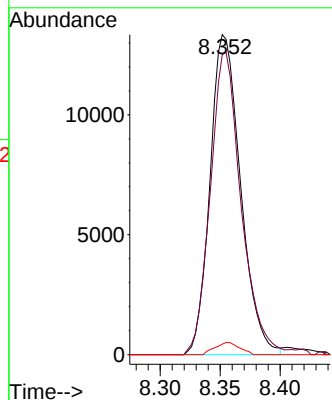
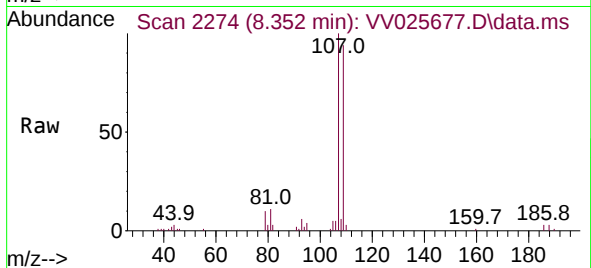
Tgt Ion:107 Resp: 23626

Ion Ratio Lower Upper

107 100

109 93.8 65.9 122.3

188 3.3 2.7 4.1



#51

Chlorobenzene

Concen: 3.597 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

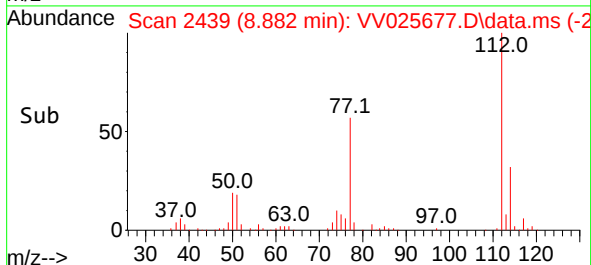
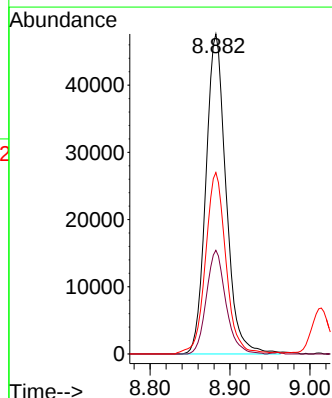
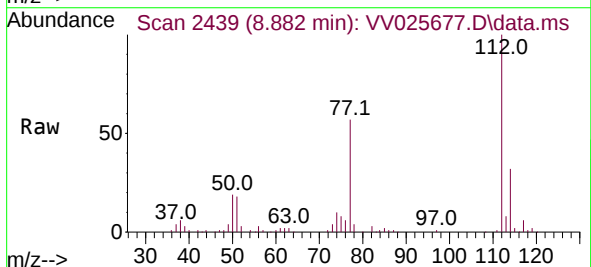
Tgt Ion:112 Resp: 83410

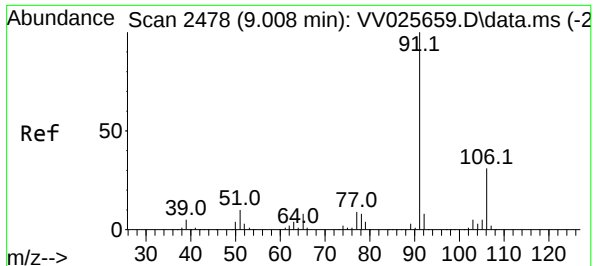
Ion Ratio Lower Upper

112 100

114 32.4 22.4 41.6

77 56.7 43.7 65.5





#52

Ethylbenzene

Concen: 2.980 ug/L

RT: 9.014 min Scan# 2478

Delta R.T. 0.006 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

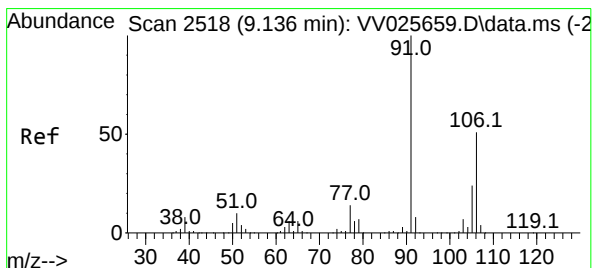
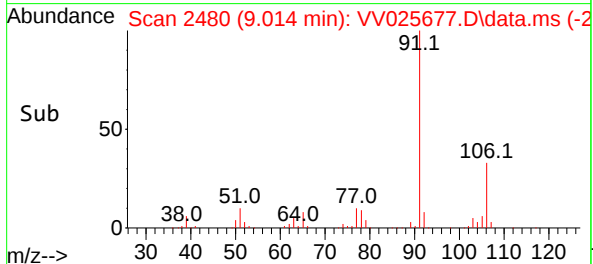
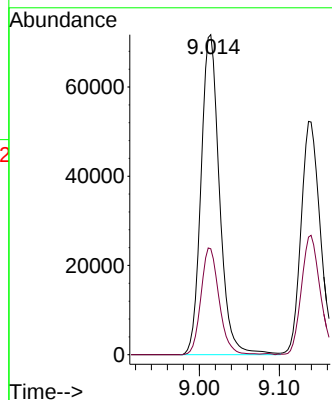
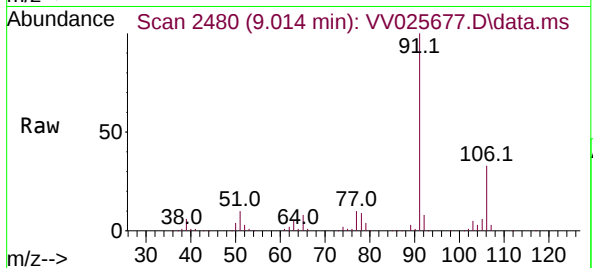
VSTD005389

Tgt Ion: 91 Resp: 115424

Ion Ratio Lower Upper

91 100

106 33.1 22.3 41.3



#53

m,p-Xylene

Concen: 3.045 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV025677.D

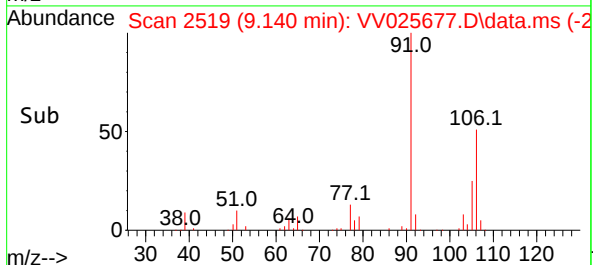
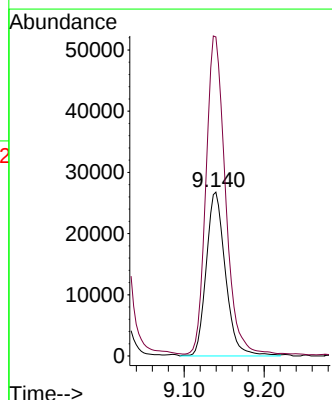
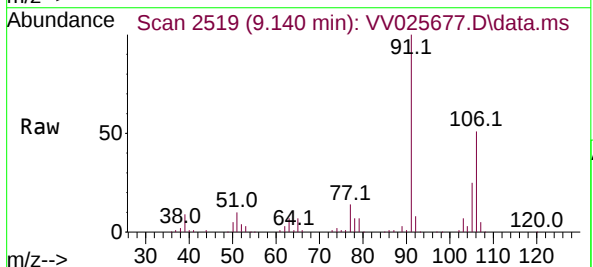
Acq: 21 Apr 2022 19:18

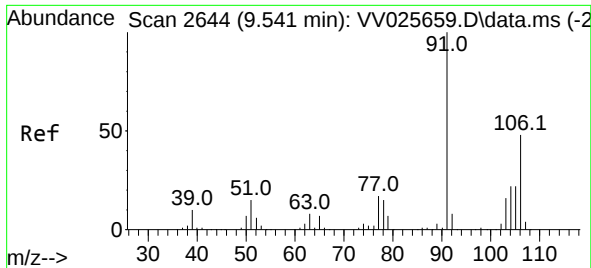
Tgt Ion: 106 Resp: 44841

Ion Ratio Lower Upper

106 100

91 194.8 136.4 253.4

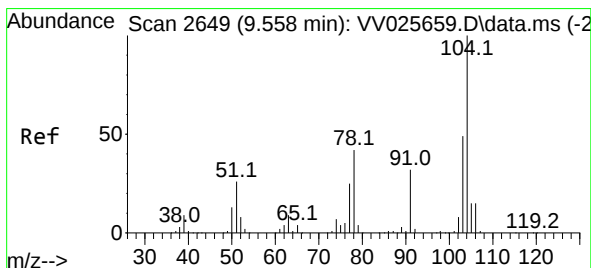
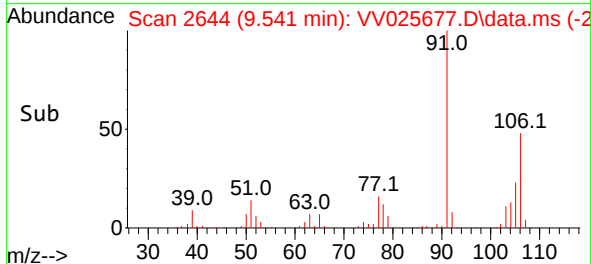
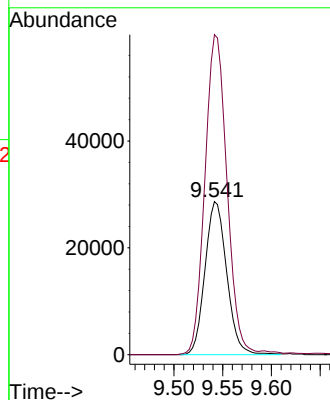
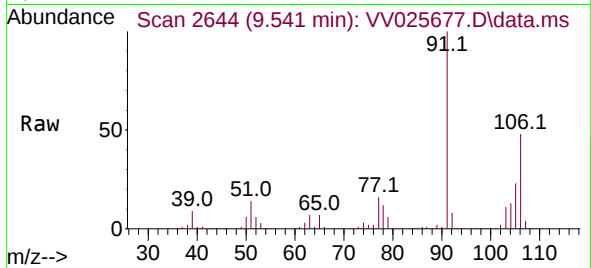




#54
o-Xylene
Concen: 3.115 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

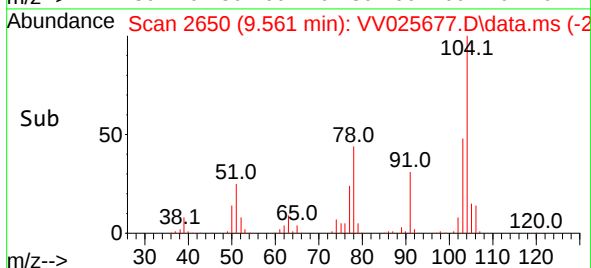
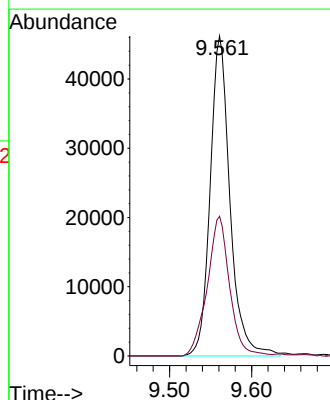
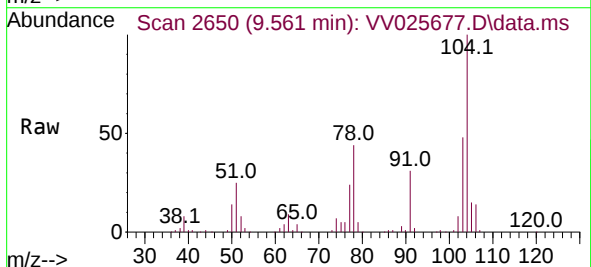
Instrument : MSVOA_V
ClientSampleId : VSTD005389

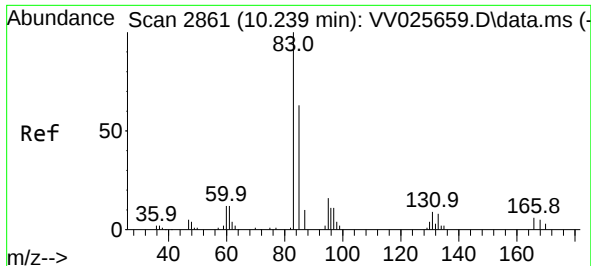
Tgt Ion:106 Resp: 44552
Ion Ratio Lower Upper
106 100
91 209.0 150.4 279.2



#55
Styrene
Concen: 3.337 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion:104 Resp: 77604
Ion Ratio Lower Upper
104 100
78 43.7 28.3 52.7

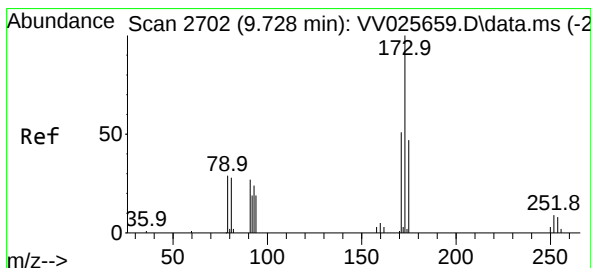
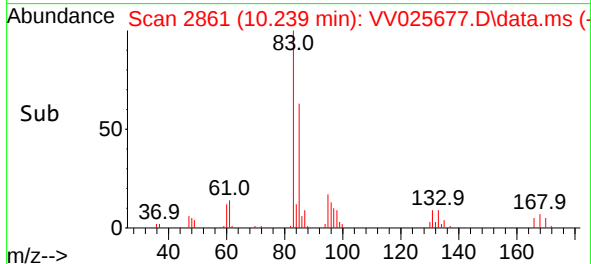
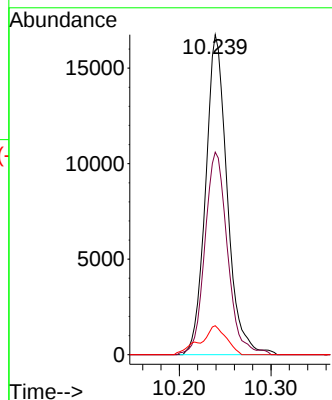
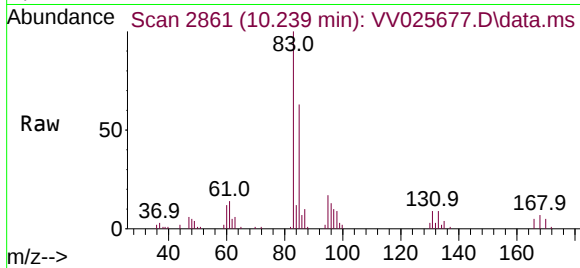




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.303 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

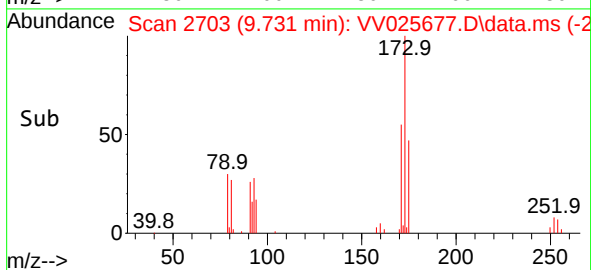
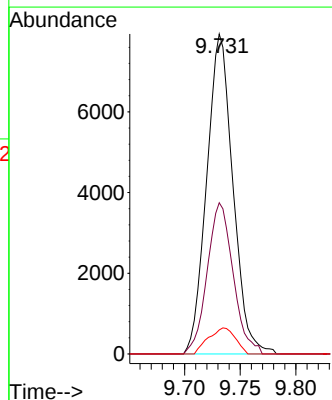
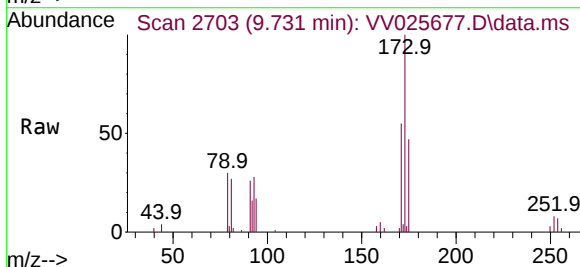
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

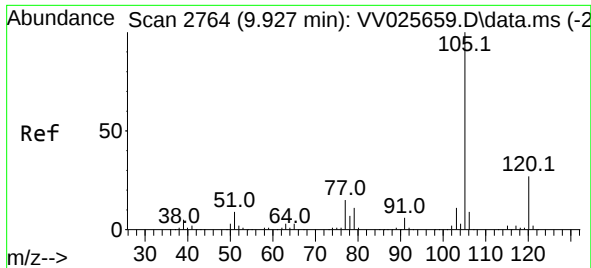
Tgt Ion:	83	Resp:	27404
Ion	Ratio	Lower	Upper
83	100		
85	63.3	45.1	83.9
131	9.0	7.9	11.9



#59
 Bromoform
 Concen: 5.398 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

Tgt Ion:	173	Resp:	12983
Ion	Ratio	Lower	Upper
173	100		
175	46.7	40.8	61.2
254	8.3	7.0	10.6

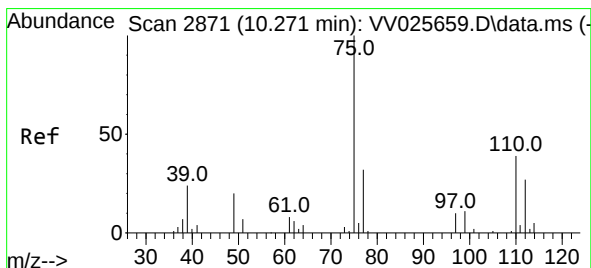
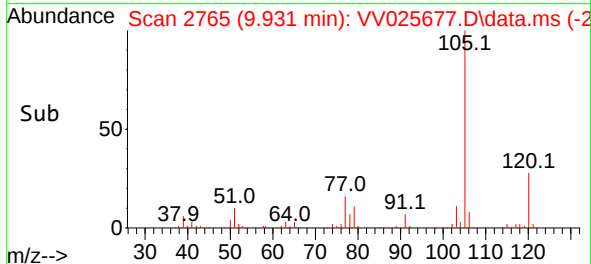
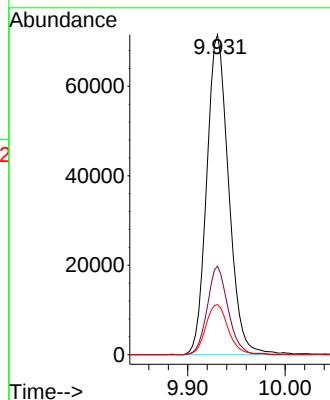
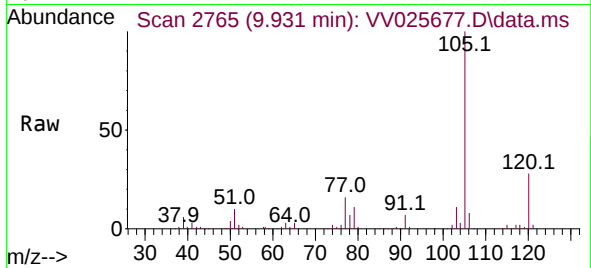




#60
Isopropylbenzene
Concen: 3.102 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

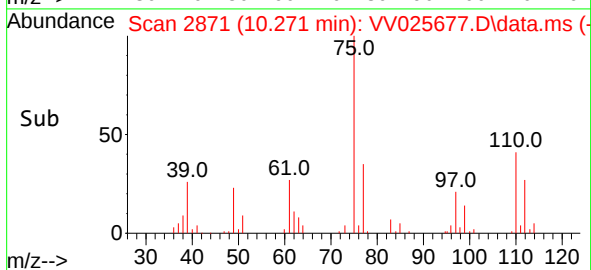
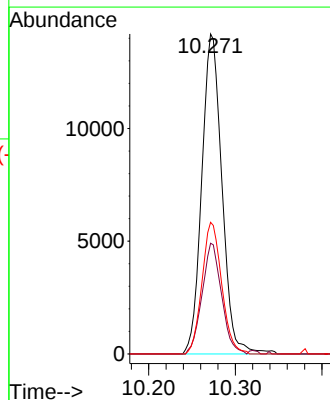
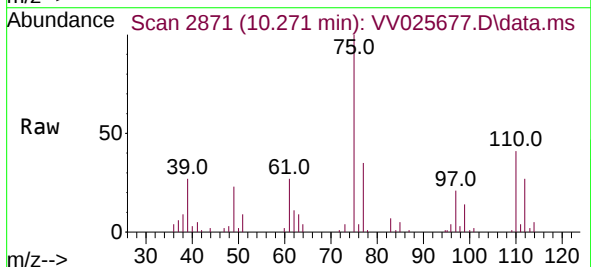
Instrument :
MSVOA_V
ClientSampleId :
VSTD005389

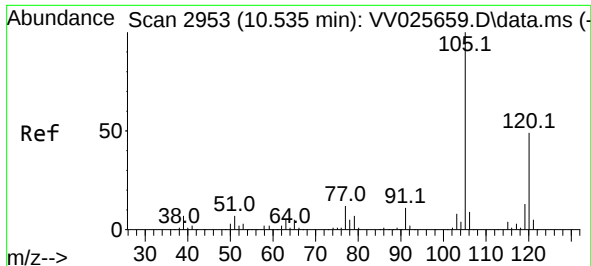
Tgt Ion:105 Resp: 111889
Ion Ratio Lower Upper
105 100
120 26.3 21.2 31.8
77 16.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.983 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion: 75 Resp: 22960
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
110 40.2 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 2.884 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025677.D

Acq: 21 Apr 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

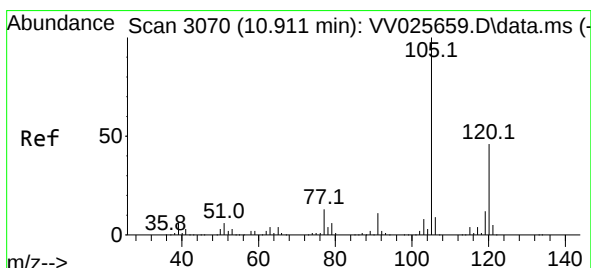
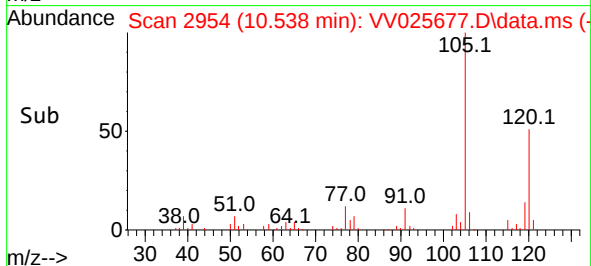
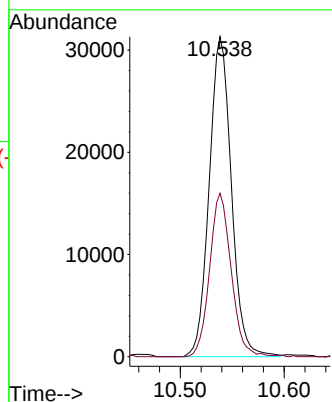
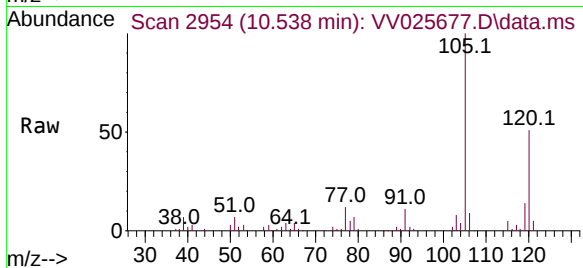
VSTD005389

Tgt Ion:105 Resp: 46382

Ion Ratio Lower Upper

105 100

120 49.6 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 2.876 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025677.D

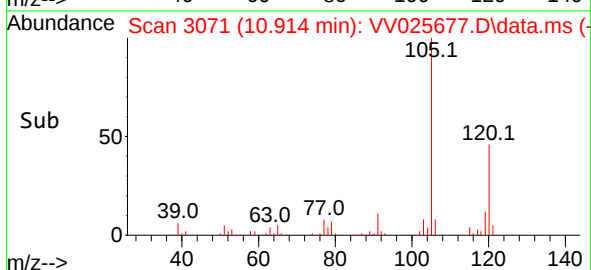
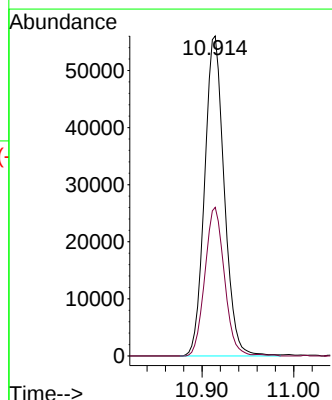
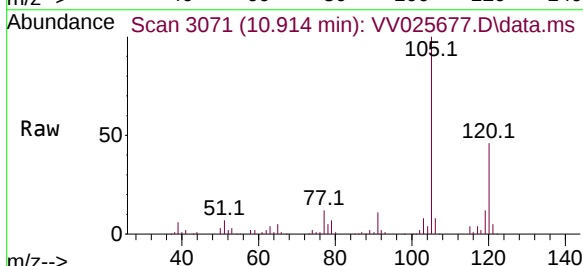
Acq: 21 Apr 2022 19:18

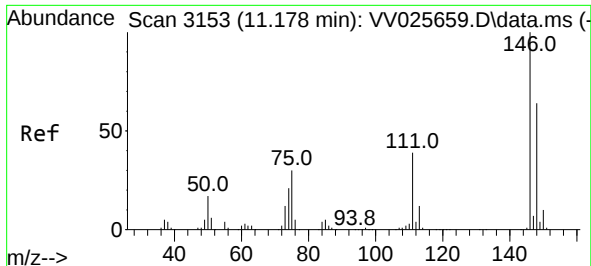
Tgt Ion:105 Resp: 83340

Ion Ratio Lower Upper

105 100

120 46.1 36.6 55.0

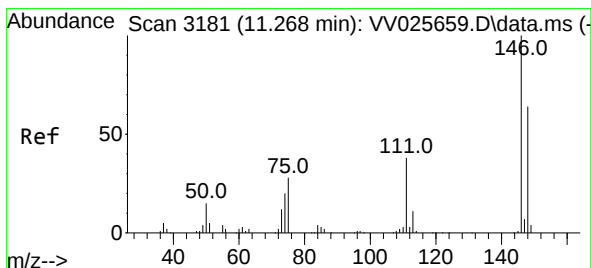
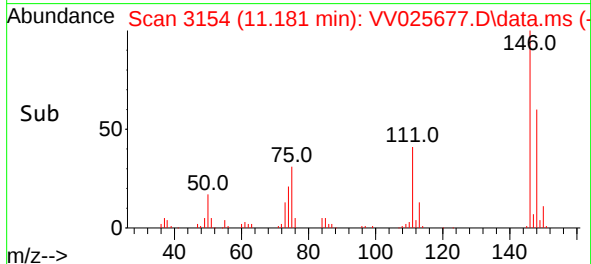
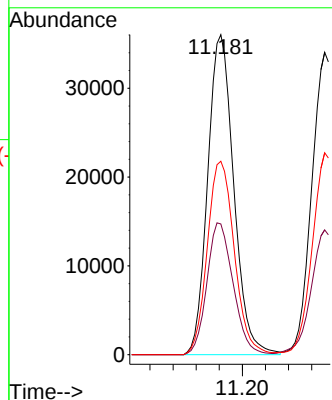
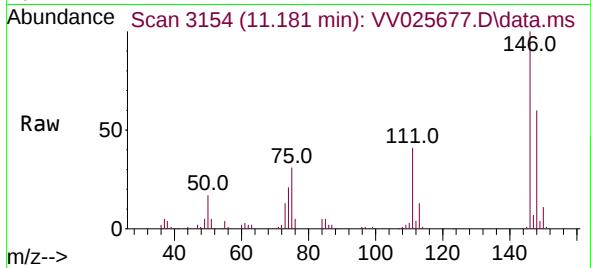




#64
1,3-Dichlorobenzene
Concen: 3.354 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

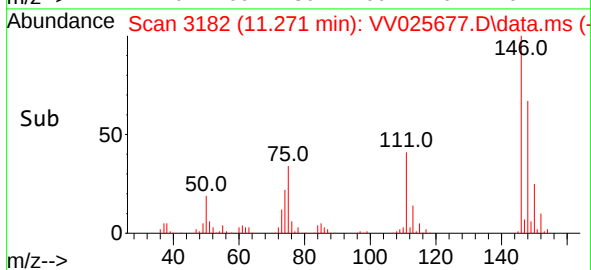
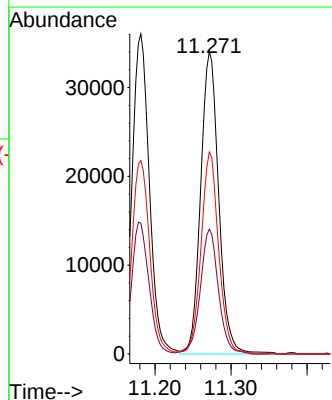
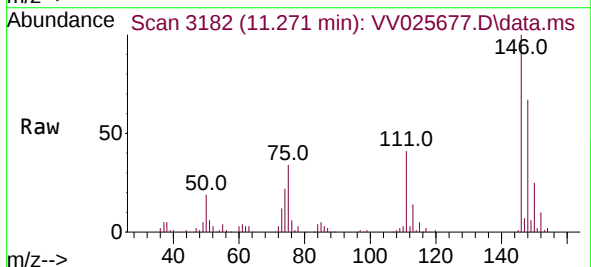
Instrument :
MSVOA_V
ClientSampleId :
VSTD005389

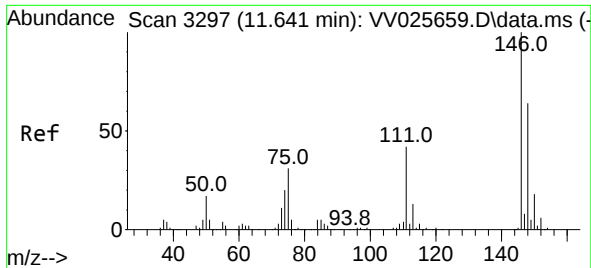
Tgt Ion:146 Resp: 56475
Ion Ratio Lower Upper
146 100
111 40.8 27.4 50.8
148 60.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 3.286 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion:146 Resp: 56155
Ion Ratio Lower Upper
146 100
111 41.2 26.7 49.7
148 66.8 42.8 79.6

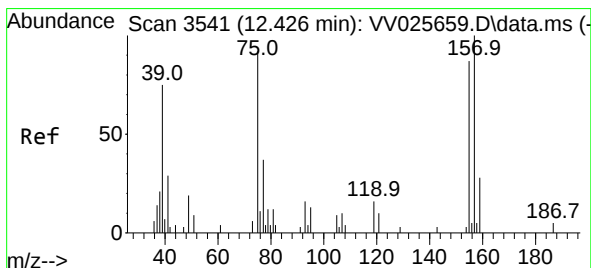
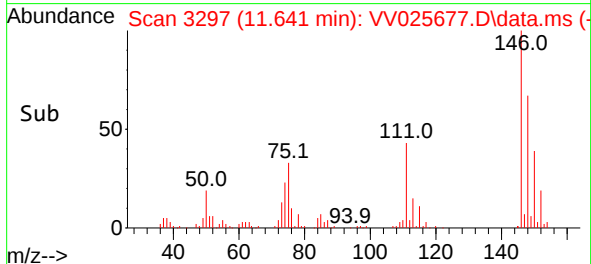
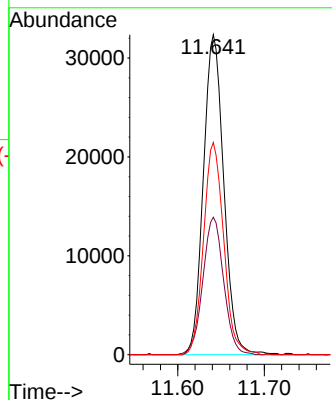
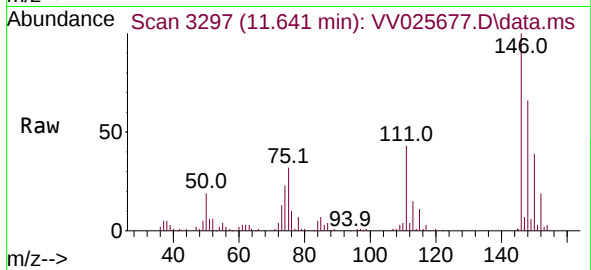




#67
1,2-Dichlorobenzene
Concen: 3.554 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

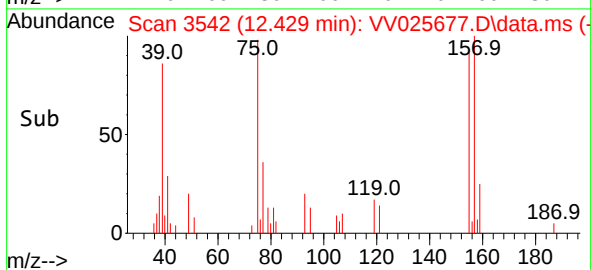
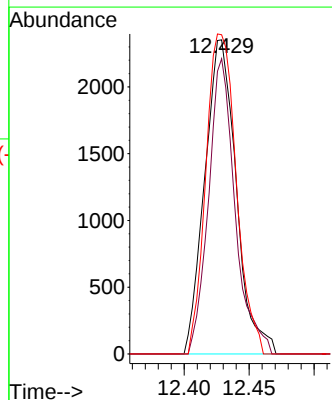
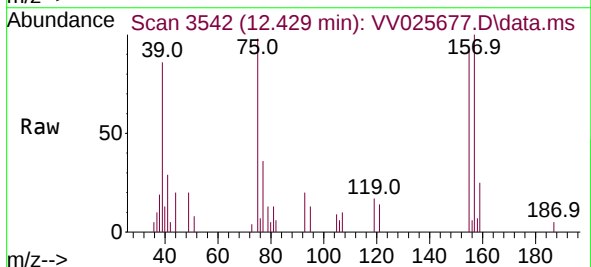
Instrument :
MSVOA_V
ClientSampleId :
VSTD005389

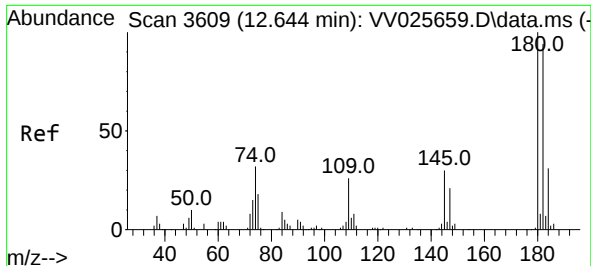
Tgt Ion:146 Resp: 52993
Ion Ratio Lower Upper
146 100
111 43.0 33.6 50.4
148 66.3 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.956 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion: 75 Resp: 3952
Ion Ratio Lower Upper
75 100
155 94.0 65.8 98.8
157 101.6 86.6 130.0

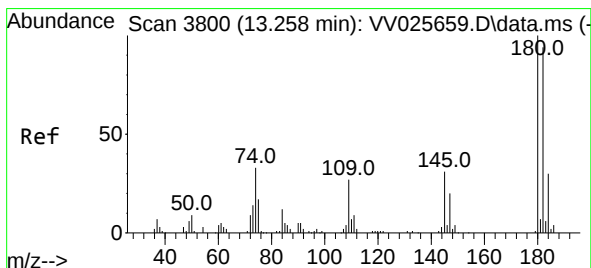
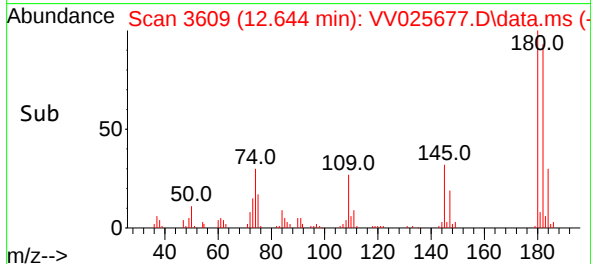
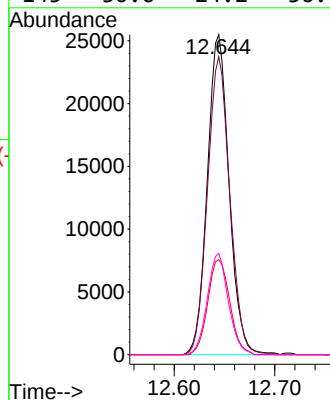
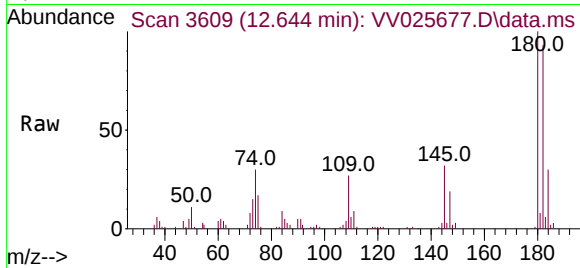




#69
 1,3,5-Trichlorobenzene
 Concen: 2.995 ug/L
 RT: 12.644 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

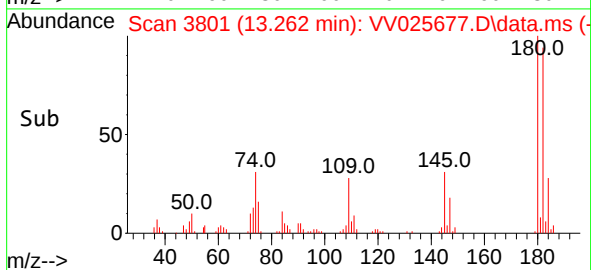
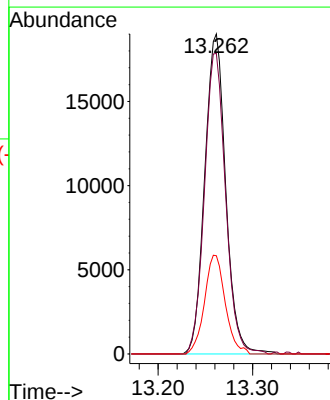
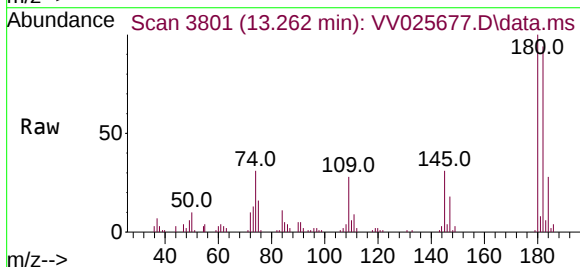
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005389

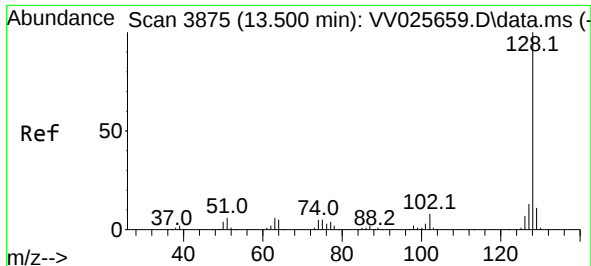
Tgt Ion:180	Resp:	38364
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.3 112.9
184	30.0	23.4 35.2
145	30.6	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 2.970 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV025677.D
 Acq: 21 Apr 2022 19:18

Tgt Ion:180	Resp:	29327
Ion Ratio	Lower	Upper
180	100	
182	94.3	76.6 114.8
145	30.5	24.6 36.8

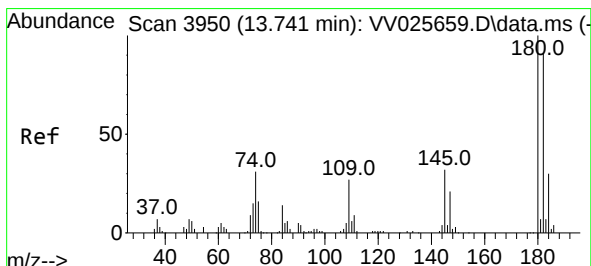
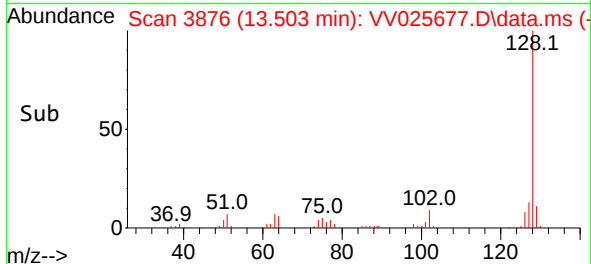
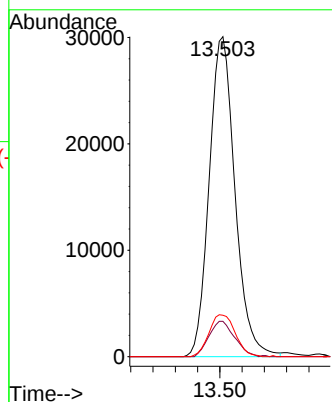
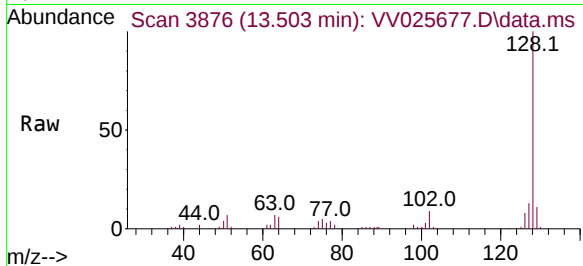




#71
Naphthalene
Concen: 3.340 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Instrument :
MSVOA_V
ClientSampleId :
VSTD005389

Tgt Ion:128	Resp:	48383
Ion Ratio	Lower	Upper
128	100	
129	11.0	8.8 13.2
127	13.4	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 3.190 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025677.D
Acq: 21 Apr 2022 19:18

Tgt Ion:180	Resp:	26082
Ion Ratio	Lower	Upper
180	100	
182	95.1	77.7 116.5
145	33.5	27.4 41.2

