

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072822\
 Data File : VW027040.D
 Acq On : 28 Jul 2022 15:15
 Operator : SY/MD
 Sample : VSTD00537
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005237

Quant Time: Jul 29 01:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	439780	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	429481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	191439	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	25595	6.117	ug/L	0.00
7) Chloroethane-d5	1.564	69	22421	6.763	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	37706	5.294	ug/L	0.00
21) 2-Butanone-d5	3.915	46	16197	6.466	ug/L	0.03
24) Chloroform-d	4.343	84	44576	5.915	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	26077	6.096	ug/L	0.00
32) Benzene-d6	5.047	84	82082	5.442	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	28894	6.259	ug/L	0.00
41) Toluene-d8	7.313	98	64907	4.761	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	9495	4.656	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	13775	6.942	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39165	5.627	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	25623	5.954	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	7969	1.746	ug/L	95
3) Chloromethane	1.237	50	8297	1.988	ug/L	95
5) Vinyl chloride	1.307	62	8396	1.897	ug/L	99
6) Bromomethane	1.516	94	5659	2.081	ug/L	98
8) Chloroethane	1.581	64	5145	1.979	ug/L	95
9) Trichlorofluoromethane	1.748	101	9553	1.682	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5795	1.768	ug/L	99
12) 1,1-Dichloroethene	2.111	96	6108	1.907	ug/L #	1
13) Acetone	2.179	43	6336	3.856	ug/L	85
14) Carbon disulfide	2.288	76	18375	1.808	ug/L	100
15) Methyl Acetate	2.439	43	6515	2.219	ug/L #	76
16) Methylene chloride	2.500	84	10027	2.456	ug/L	94
17) trans-1,2-Dichloroethene	2.757	96	5174	1.475	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	13905	1.443	ug/L	98
19) 1,1-Dichloroethane	3.185	63	10672	1.743	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	5738	1.582	ug/L	83
22) 2-Butanone	4.063	43	273	0.122	ug/L	94
23) Bromochloromethane	4.252	128	3462	1.772	ug/L	90
25) Chloroform	4.375	83	11934	1.848	ug/L	98
27) 1,2-Dichloroethane	5.137	62	7780	1.751	ug/L	97
29) Cyclohexane	4.670	56	6194	1.342	ug/L #	92
30) 1,1,1-Trichloroethane	4.600	97	9558	1.734	ug/L	96
31) Carbon tetrachloride	4.825	117	7422	1.547	ug/L	99
33) Benzene	5.098	78	21012	1.518	ug/L	100
34) Trichloroethene	5.918	95	5415	1.520	ug/L	83
35) Methylcyclohexane	6.127	83	5614	1.056	ug/L #	77
37) 1,2-Dichloropropane	6.175	63	5013	1.447	ug/L #	96
38) Bromodichloromethane	6.513	83	8011	1.741	ug/L	95
39) cis-1,3-Dichloropropene	7.034	75	6051	1.218	ug/L	98
40) 4-Methyl-2-pentanone	7.236	43	9776	2.231	ug/L #	86
42) Toluene	7.391	91	18577	1.302	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	5097	1.055	ug/L	98

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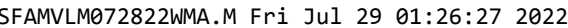
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 Quant Title : VOC Analysis
 QLast Update : Fri Jul 29 01:24:47 2022
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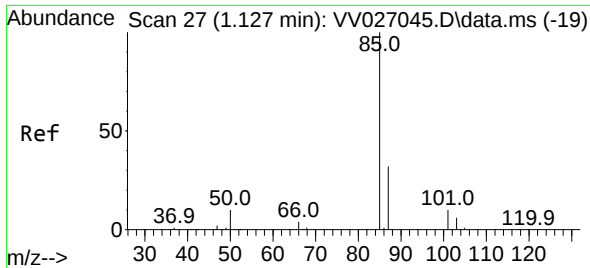
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.844	97	6026	1.625	ug/L	96
46) Tetrachloroethene	7.976	164	4451	1.597	ug/L	97
48) 2-Hexanone	8.153	43	9045	2.620	ug/L #	75
49) Dibromochloromethane	8.249	129	5817	1.525	ug/L	96
50) 1,2-Dibromoethane	8.358	107	6121	1.574	ug/L #	91
51) Chlorobenzene	8.879	112	15063	1.565	ug/L	98
52) Ethylbenzene	9.014	91	18199	1.259	ug/L	91
53) m,p-Xylene	9.140	106	6578	1.157	ug/L	91
54) o-Xylene	9.545	106	6568	1.200	ug/L	91
55) Styrene	9.567	104	10489	1.095	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	9357	1.565	ug/L	90
59) Bromoform	9.731	173	3643	1.675	ug/L #	95
60) Isopropylbenzene	9.931	105	15493	1.297	ug/L	97
61) 1,2,3-Trichloropropane	10.275	75	6705	1.670	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	6375	1.247	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	5484	1.344	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	8561	1.476	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	10072	1.648	ug/L	94
67) 1,2-Dichlorobenzene	11.641	146	9328	1.540	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.429	75	1539	1.462	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	5403	1.374	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	3997	1.187	ug/L #	22
71) Naphthalene	13.506	128	11313	0.966	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.747	180	4277	1.171	ug/L	94

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

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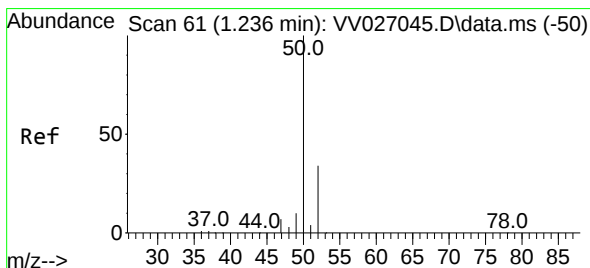
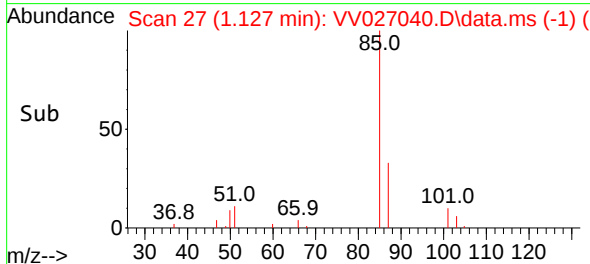
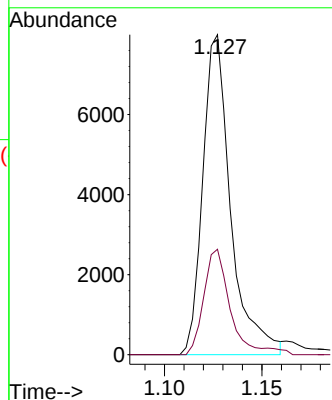
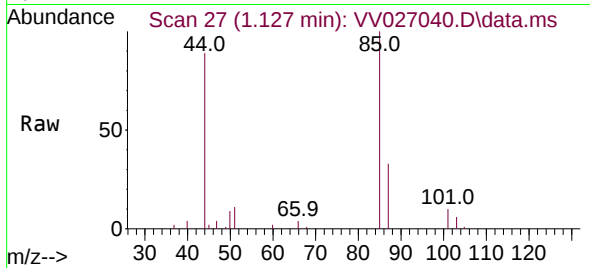




#2
 Dichlorodifluoromethane
 Concen: 1.746 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027040.D
 Acq: 28 Jul 2022 15:15

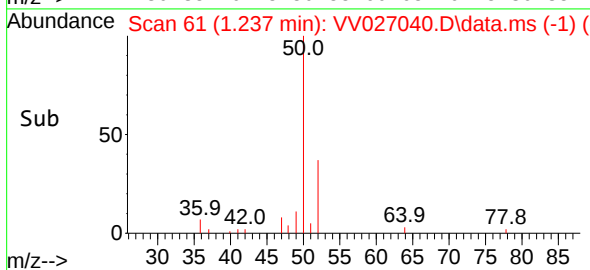
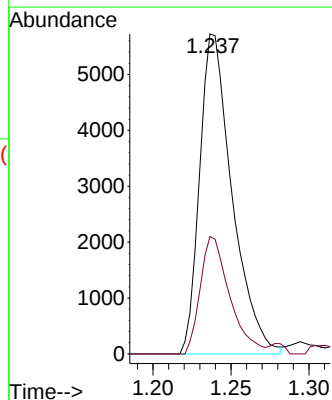
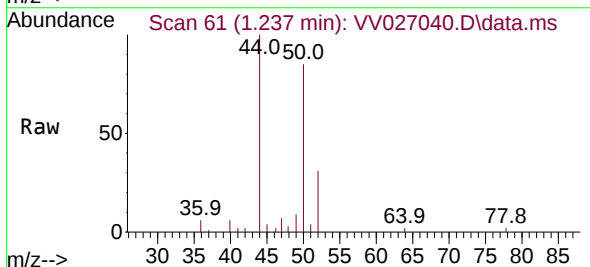
Instrument :
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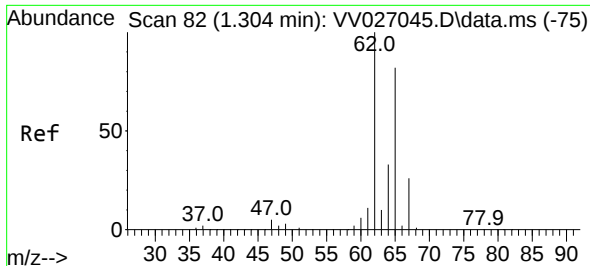
Tgt Ion: 85 Resp: 7969
 Ion Ratio Lower Upper
 85 100
 87 30.0 26.1 39.1



#3
 Chloromethane
 Concen: 1.988 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027040.D
 Acq: 28 Jul 2022 15:15

Tgt Ion: 50 Resp: 8297
 Ion Ratio Lower Upper
 50 100
 52 36.7 23.5 43.7

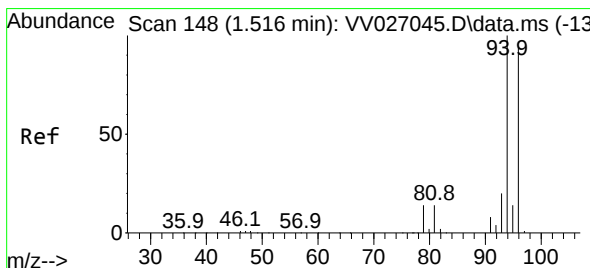
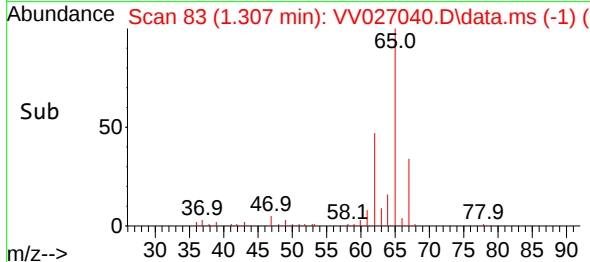
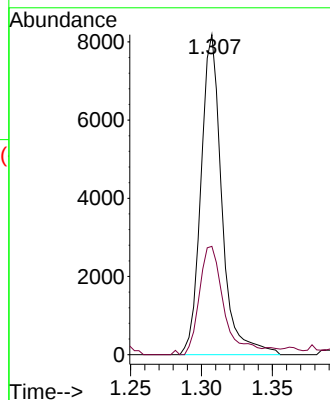
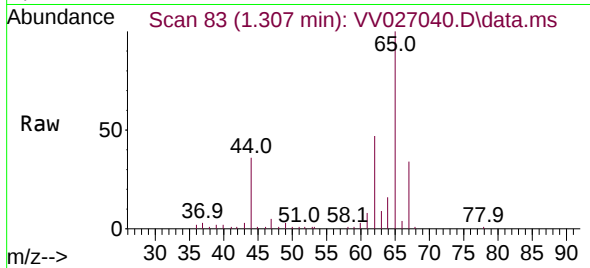




#5
 Vinyl chloride
 Concen: 1.897 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027040.D
 Acq: 28 Jul 2022 15:15

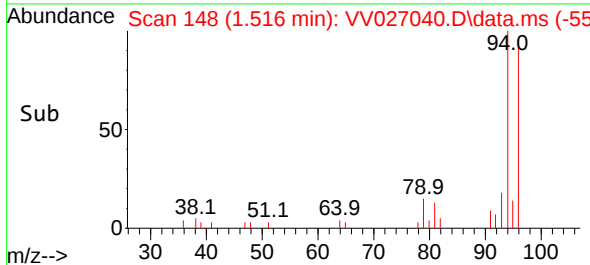
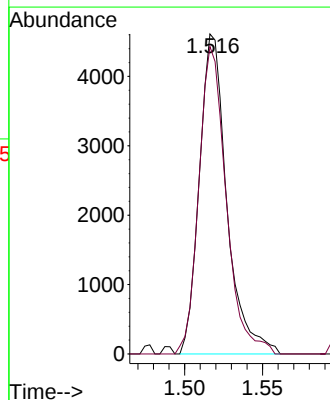
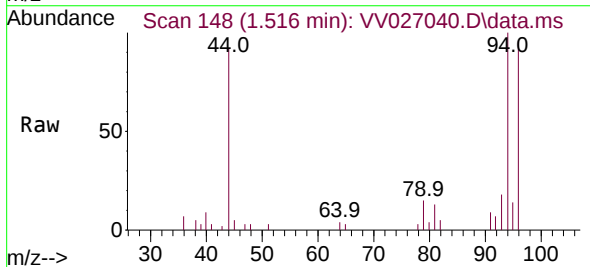
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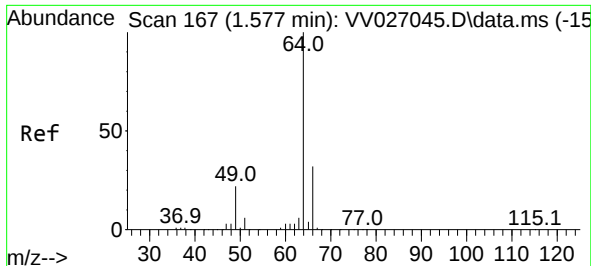
Tgt Ion: 62 Resp: 8396
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.2 43.2



#6
 Bromomethane
 Concen: 2.081 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV027040.D
 Acq: 28 Jul 2022 15:15

Tgt Ion: 94 Resp: 5659
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.1 122.8

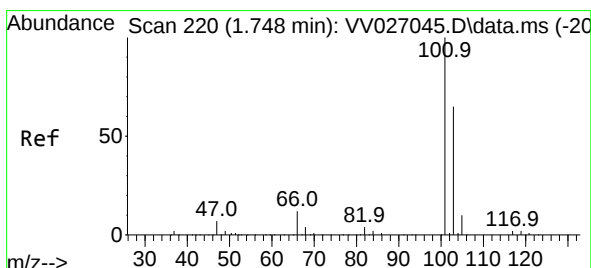
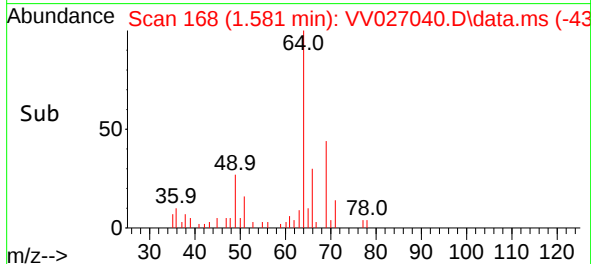
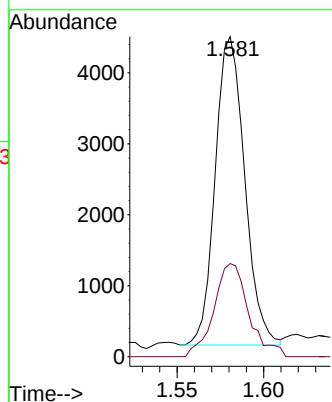
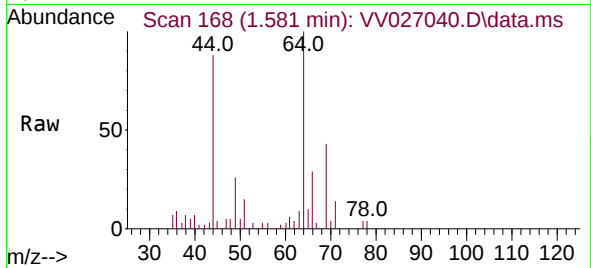




#8
Chloroethane
Concen: 1.979 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

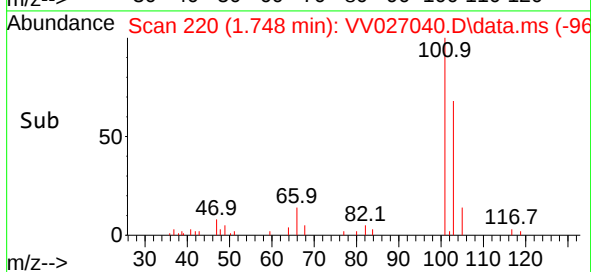
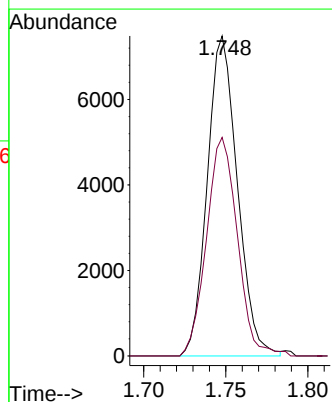
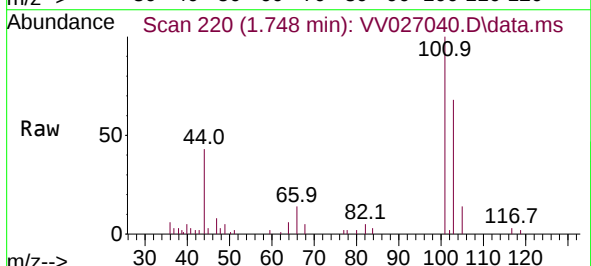
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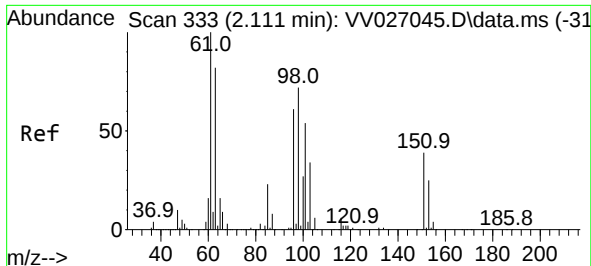
Tgt Ion: 64 Resp: 5145
Ion Ratio Lower Upper
64 100
66 29.1 22.4 41.6



#9
Trichlorofluoromethane
Concen: 1.682 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion: 101 Resp: 9553
Ion Ratio Lower Upper
101 100
103 69.9 52.4 78.6

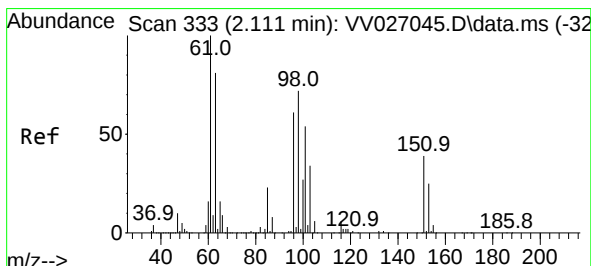
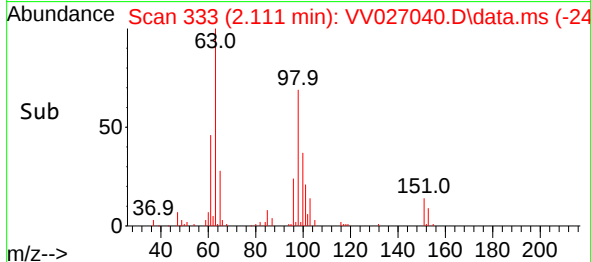
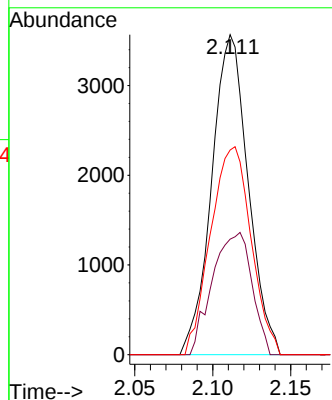
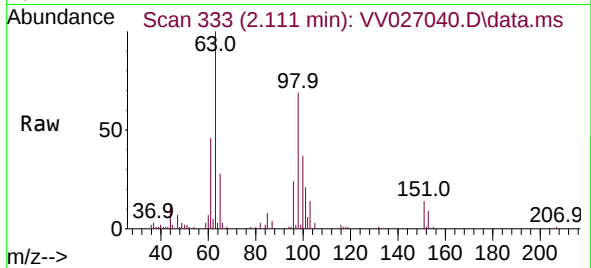




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.768 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027040.D
 Acq: 28 Jul 2022 15:15

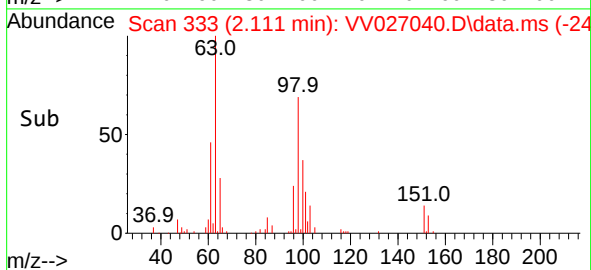
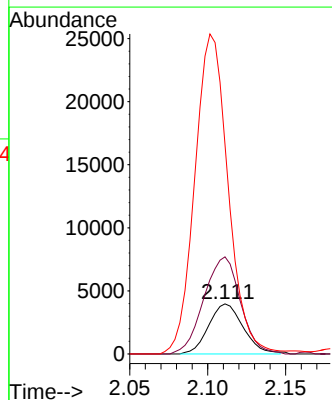
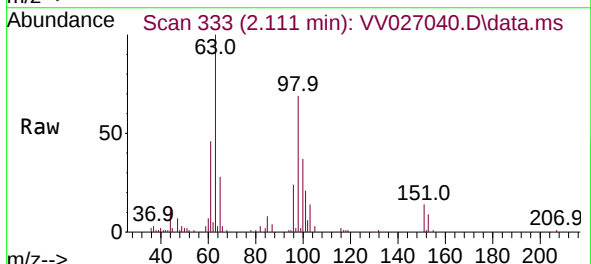
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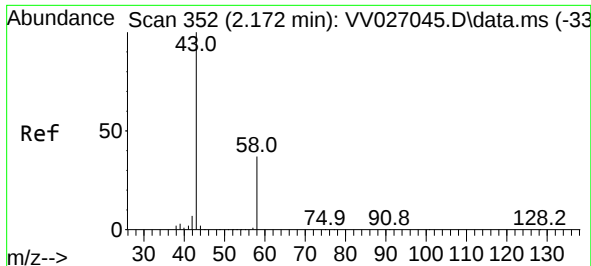
Tgt Ion:101 Resp: 5795
 Ion Ratio Lower Upper
 101 100
 85 41.3 34.1 51.1
 151 72.2 57.8 86.8



#12
 1,1-Dichloroethene
 Concen: 1.907 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027040.D
 Acq: 28 Jul 2022 15:15

Tgt Ion: 96 Resp: 6108
 Ion Ratio Lower Upper
 96 100
 61 193.7 114.3 212.3
 63 417.8 93.4 173.4#





#13

Acetone

Concen: 3.856 ug/L

RT: 2.179 min Scan# 352

Delta R.T. 0.007 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

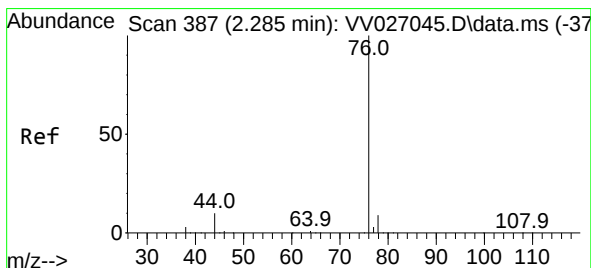
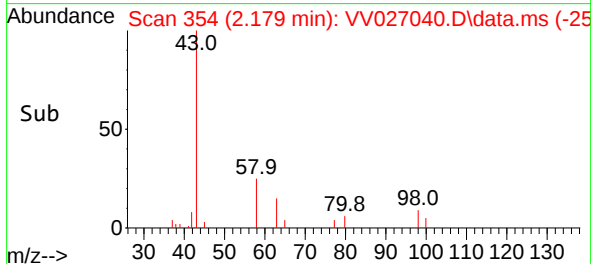
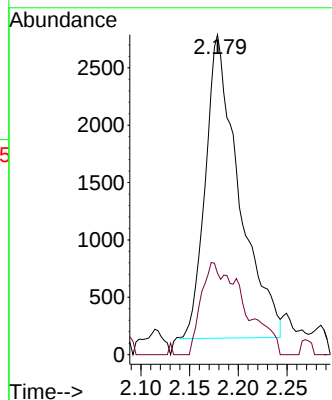
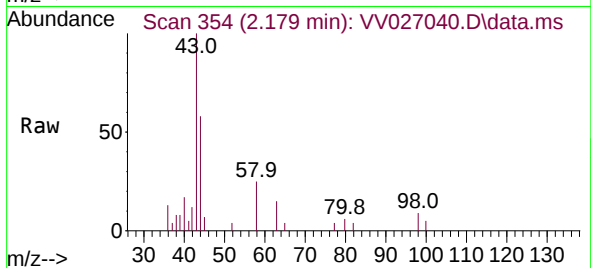
VSTD005237

Tgt Ion: 43 Resp: 6336

Ion Ratio Lower Upper

43 100

58 17.1 0.0 49.6



#14

Carbon disulfide

Concen: 1.808 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV027040.D

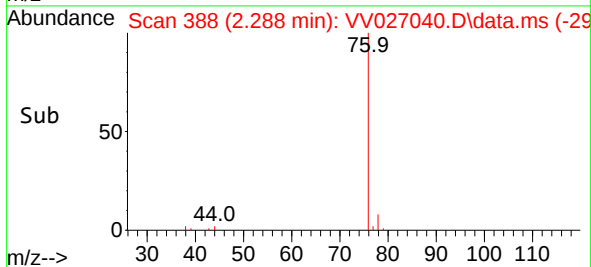
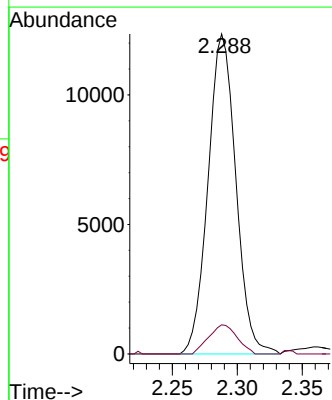
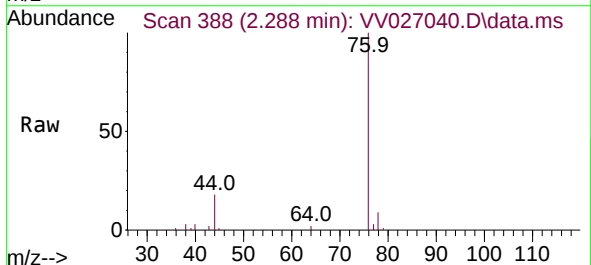
Acq: 28 Jul 2022 15:15

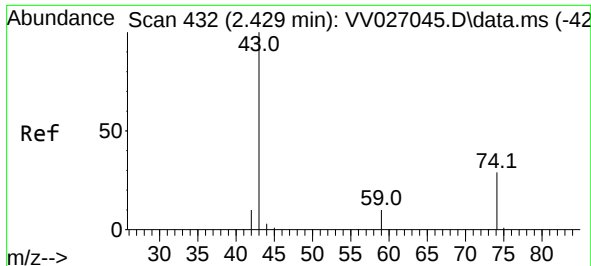
Tgt Ion: 76 Resp: 18375

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

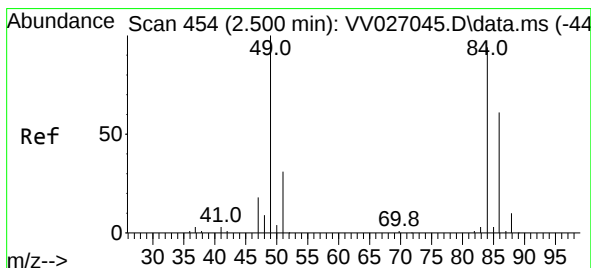
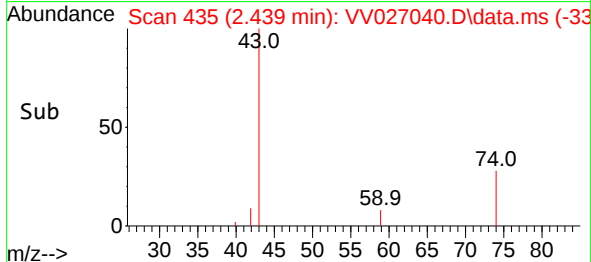
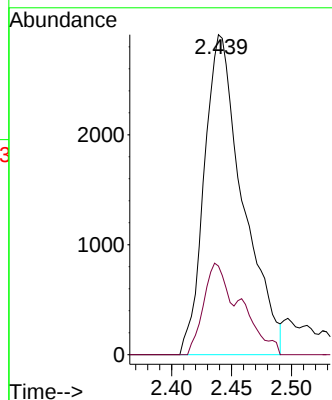
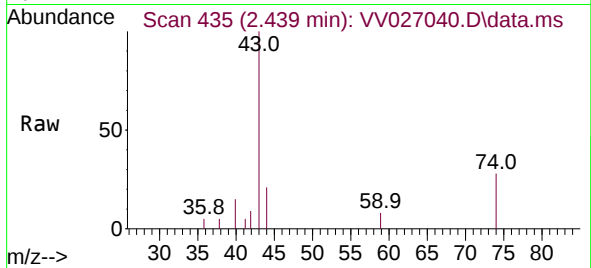




#15
Methyl Acetate
Concen: 2.219 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

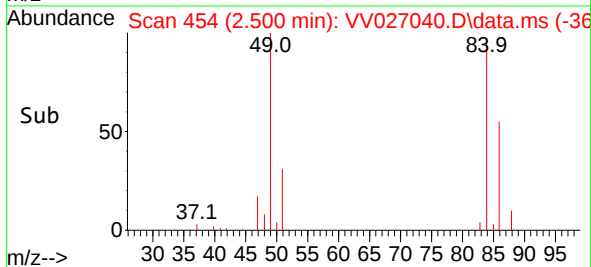
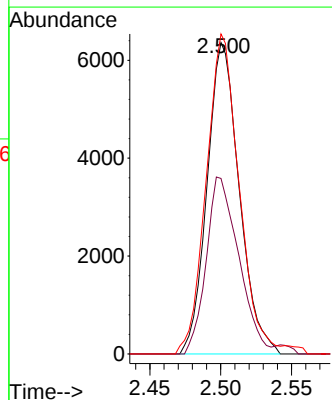
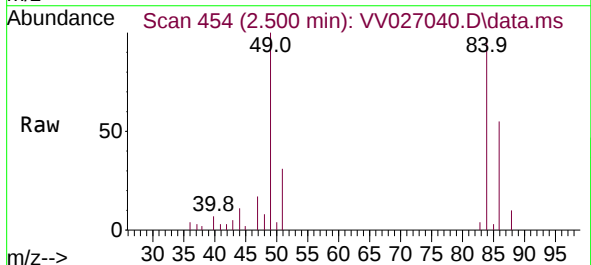
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

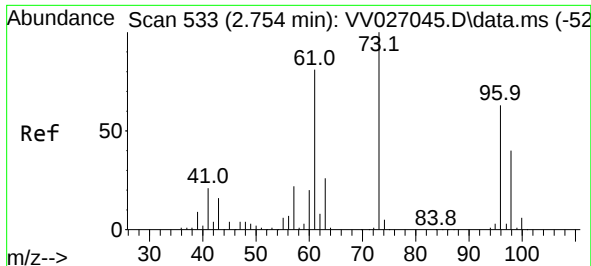
Tgt Ion: 43 Resp: 6515
Ion Ratio Lower Upper
43 100
74 18.5 25.5 38.3#



#16
Methylene chloride
Concen: 2.456 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion: 84 Resp: 10027
Ion Ratio Lower Upper
84 100
86 56.3 45.0 83.6
49 102.8 74.1 137.7

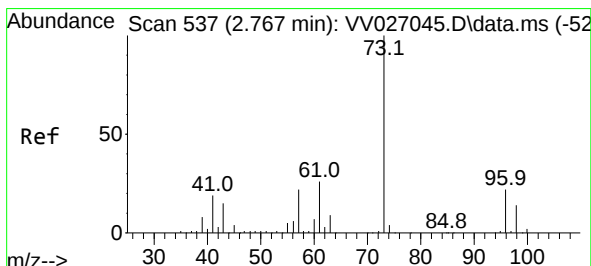
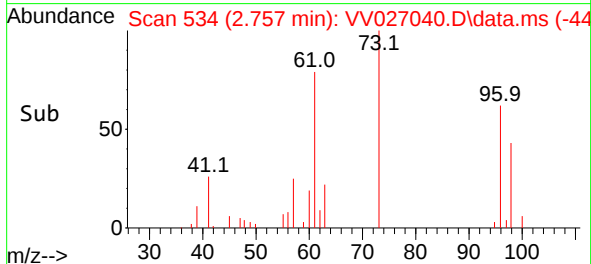
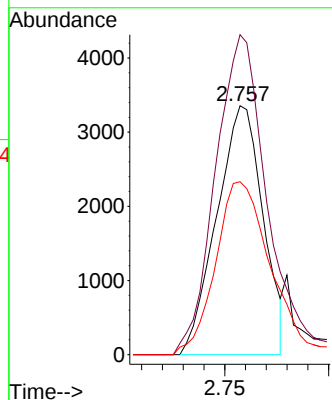
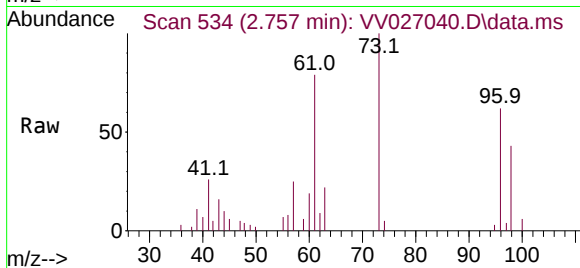




#17
trans-1,2-Dichloroethene
Concen: 1.475 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

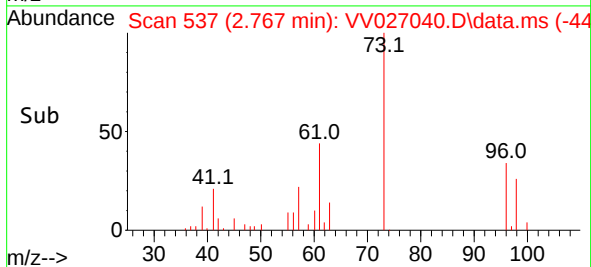
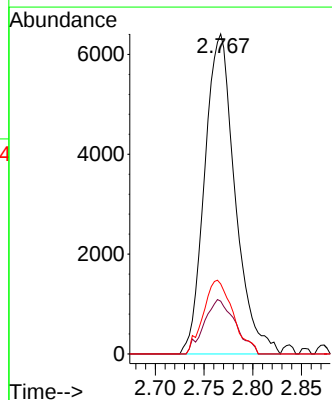
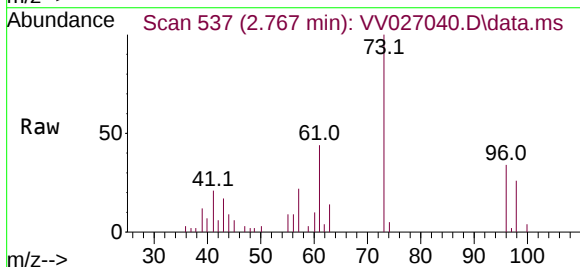
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

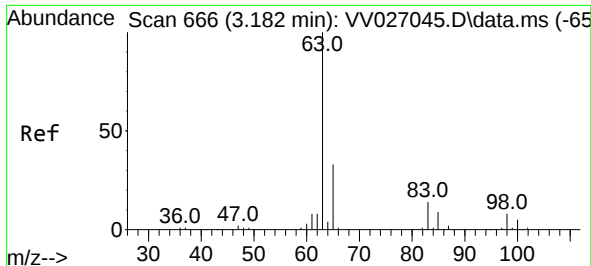
Tgt Ion: 96 Resp: 5174
Ion Ratio Lower Upper
96 100
61 128.5 89.2 165.6
98 69.4 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 1.443 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion: 73 Resp: 13905
Ion Ratio Lower Upper
73 100
43 16.6 12.6 18.8
57 22.6 17.3 25.9





#19

1,1-Dichloroethane

Concen: 1.743 ug/L

RT: 3.185 min Scan# 666

Delta R.T. 0.003 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005237

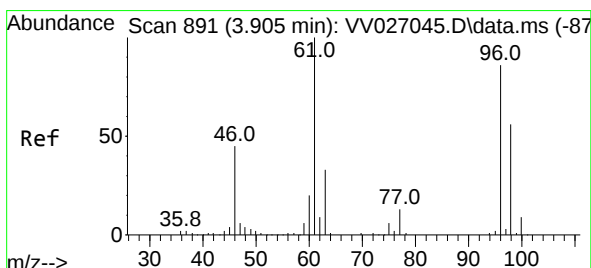
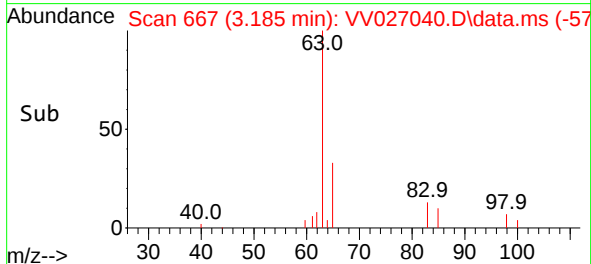
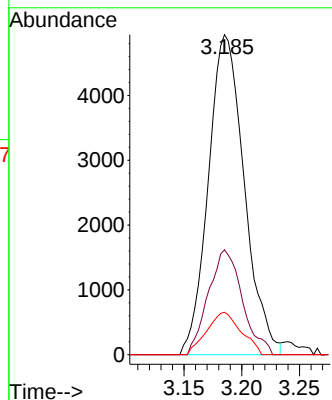
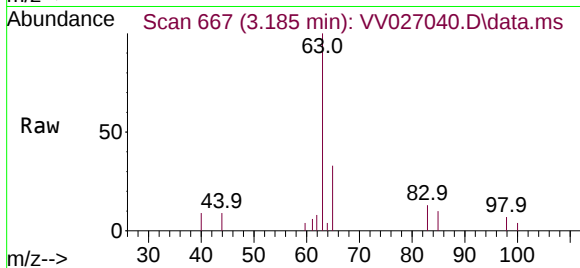
Tgt Ion: 63 Resp: 10672

Ion Ratio Lower Upper

63 100

65 32.8 22.7 42.3

83 13.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 1.582 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.010 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

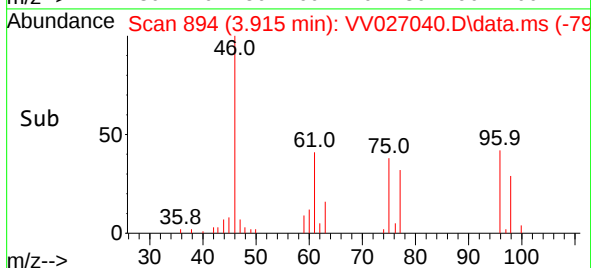
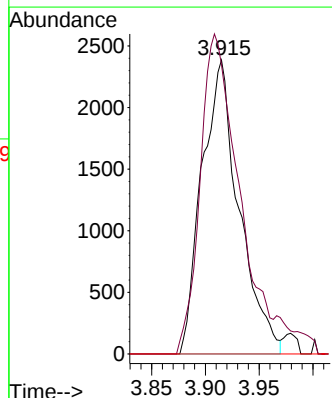
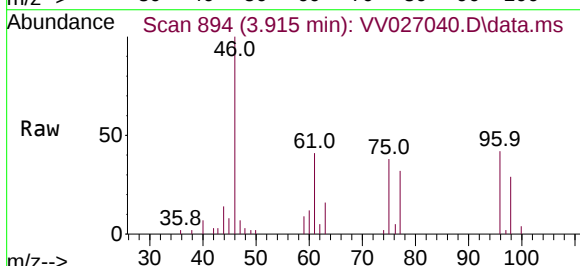
Tgt Ion: 96 Resp: 5738

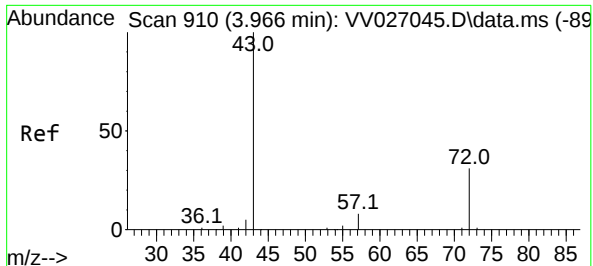
Ion Ratio Lower Upper

96 100

61 98.4 81.8 151.8

68 0.0 0.0 0.0

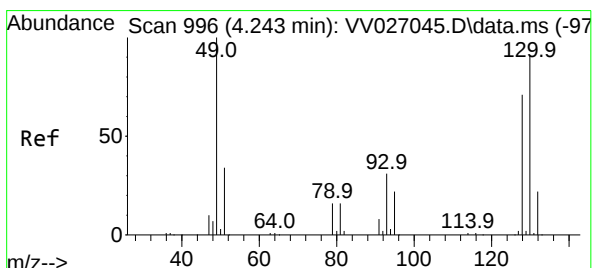
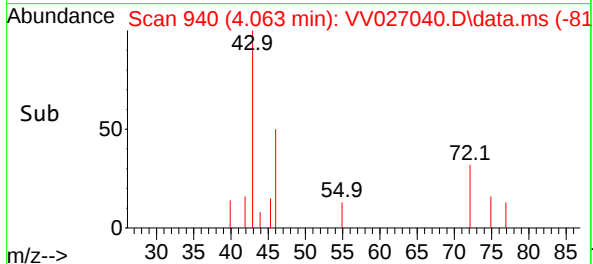
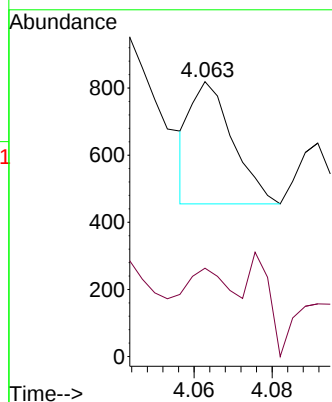
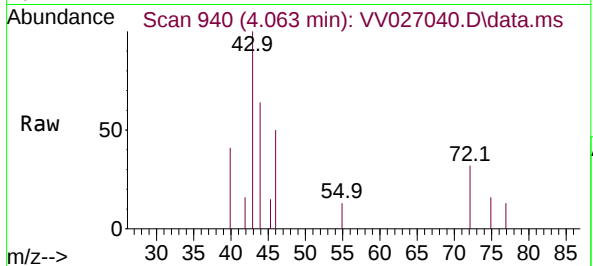




#22
2-Butanone
Concen: 0.122 ug/L
RT: 4.063 min Scan# 940
Delta R.T. 0.097 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

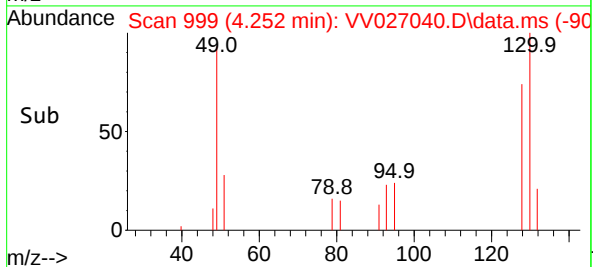
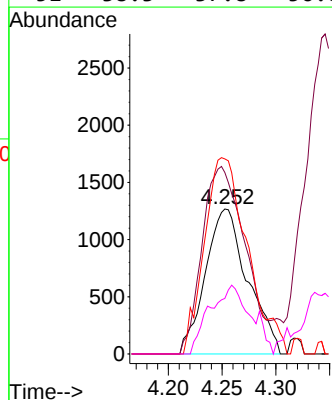
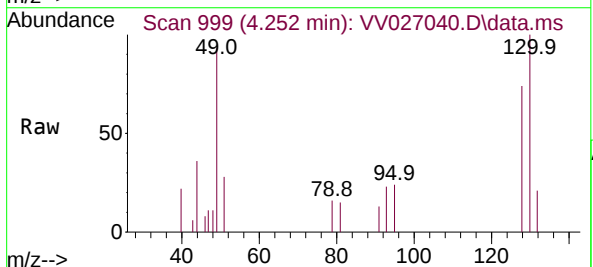
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

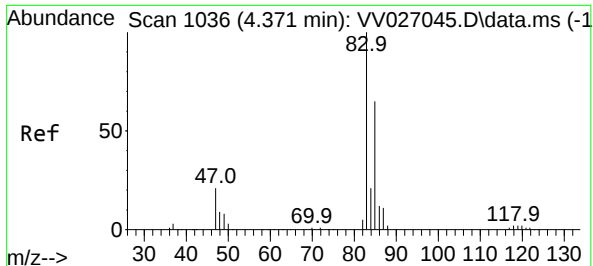
Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
72 20.9 11.9 35.7



#23
Bromochloromethane
Concen: 1.772 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.010 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion: 128 Resp: 3462
Ion Ratio Lower Upper
128 100
49 125.2 98.7 183.3
130 134.5 89.5 166.1
51 38.3 37.8 56.8





#25

Chloroform

Concen: 1.848 ug/L

RT: 4.375 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

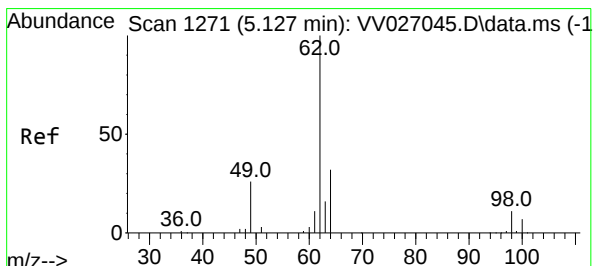
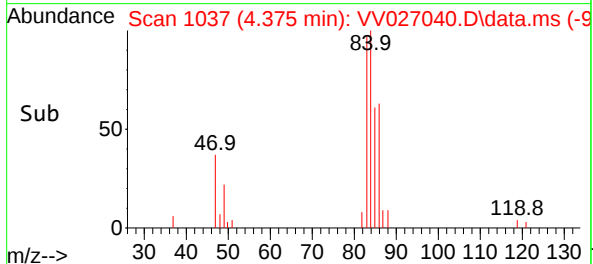
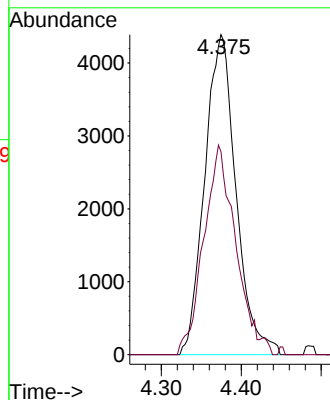
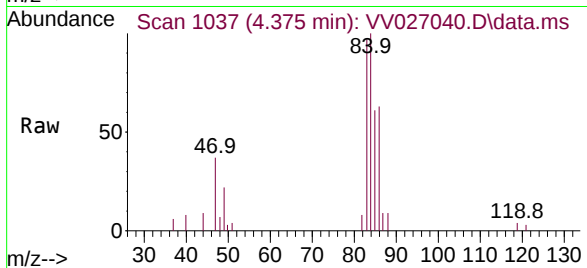
VSTD005237

Tgt Ion: 83 Resp: 11934

Ion Ratio Lower Upper

83 100

85 63.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 1.751 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.010 min

Lab File: VV027040.D

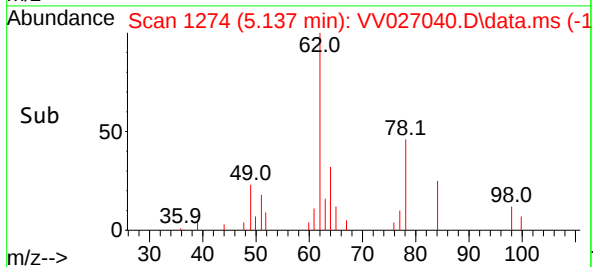
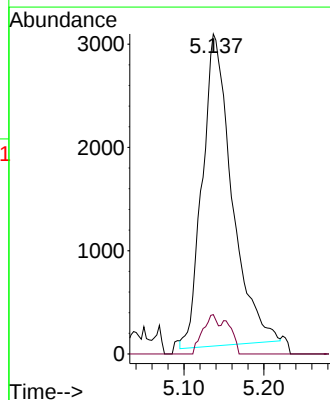
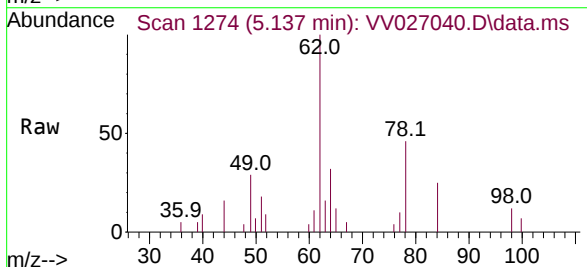
Acq: 28 Jul 2022 15:15

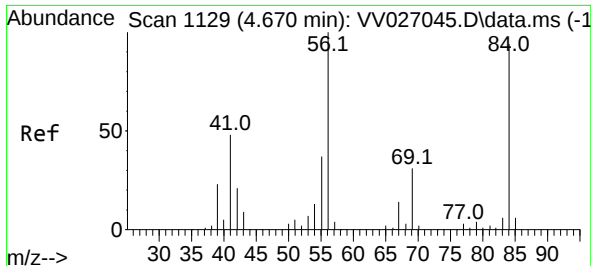
Tgt Ion: 62 Resp: 7780

Ion Ratio Lower Upper

62 100

98 12.3 9.0 13.6

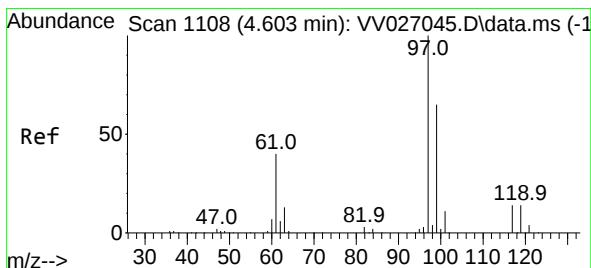
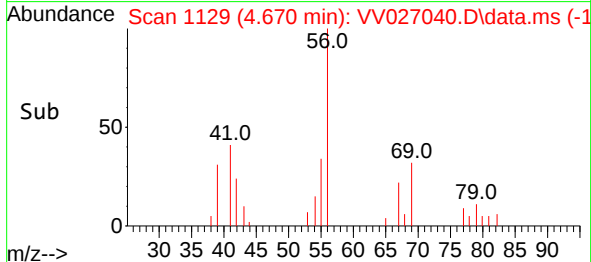
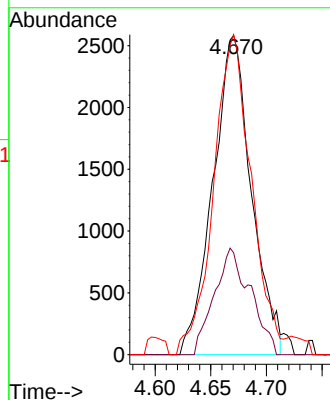
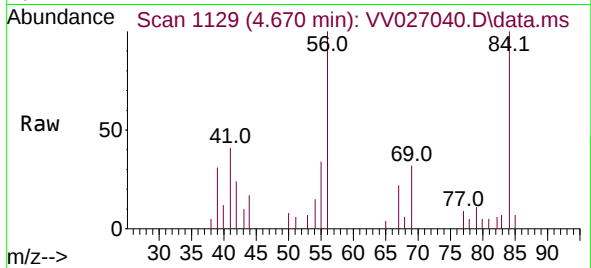




#29
Cyclohexane
Concen: 1.342 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

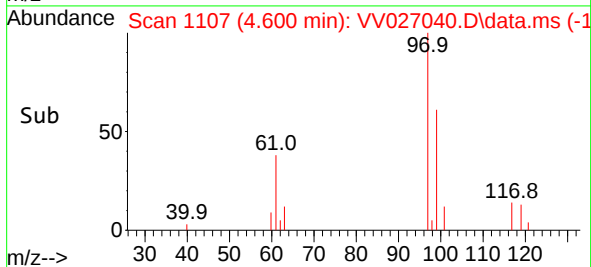
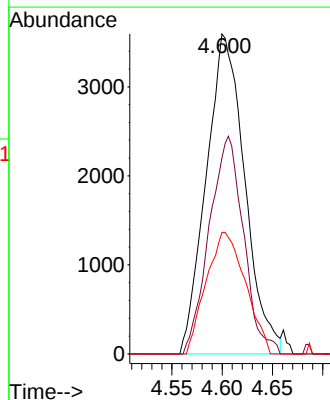
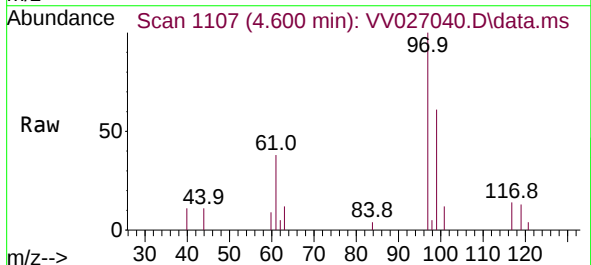
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

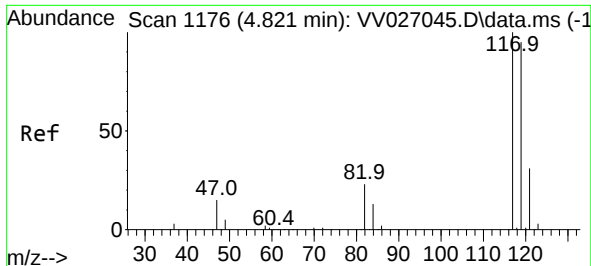
Tgt Ion:	56	Resp:	6194
Ion	Ratio	Lower	Upper
56	100		
69	23.2	25.9	38.9#
84	98.4	75.3	112.9



#30
1,1,1-Trichloroethane
Concen: 1.734 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion:	97	Resp:	9558
Ion	Ratio	Lower	Upper
97	100		
99	60.7	51.4	77.2
61	38.7	32.1	48.1

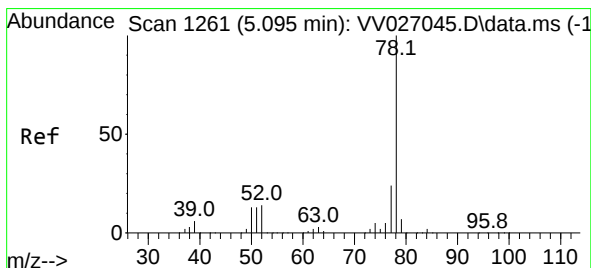
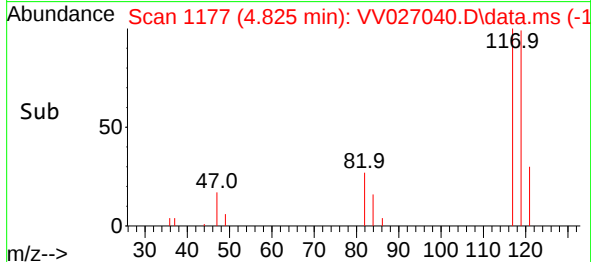
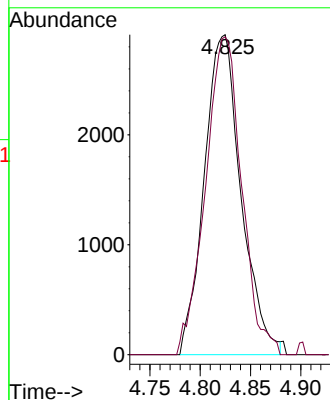
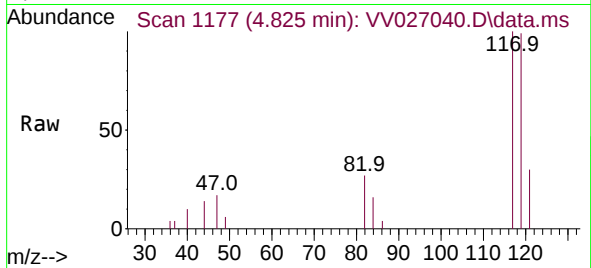




#31
Carbon tetrachloride
Concen: 1.547 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

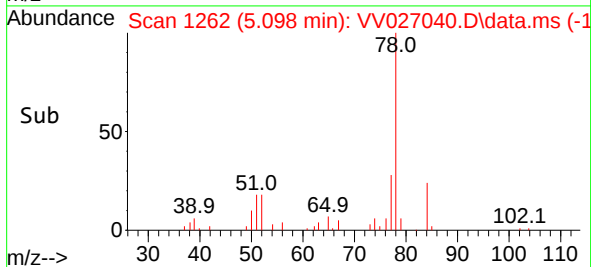
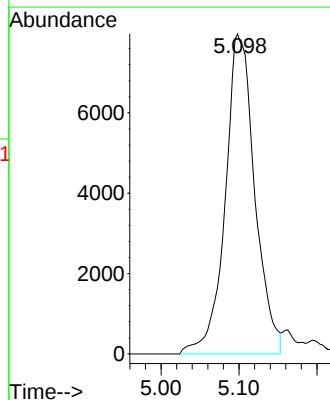
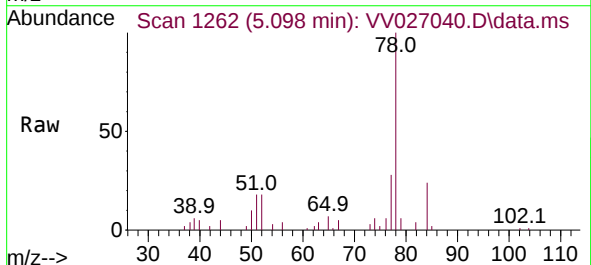
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

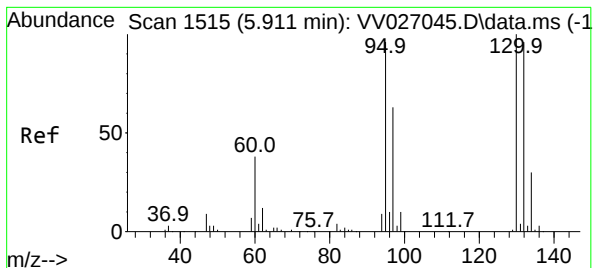
Tgt Ion:117 Resp: 7422
Ion Ratio Lower Upper
117 100
119 97.6 77.0 115.6



#33
Benzene
Concen: 1.518 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion: 78 Resp: 21012





#34

Trichloroethene

Concen: 1.520 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005237

Tgt Ion: 95 Resp: 5415

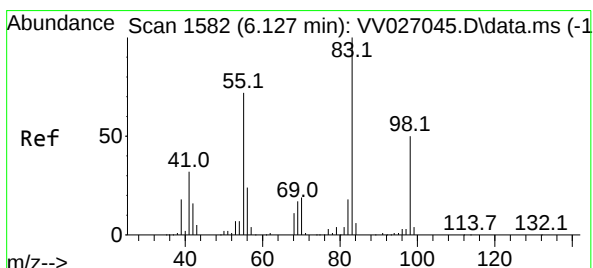
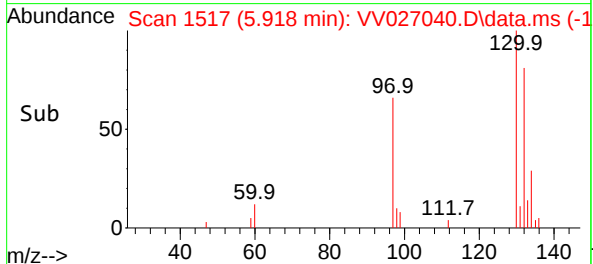
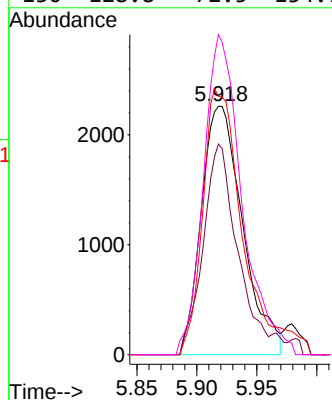
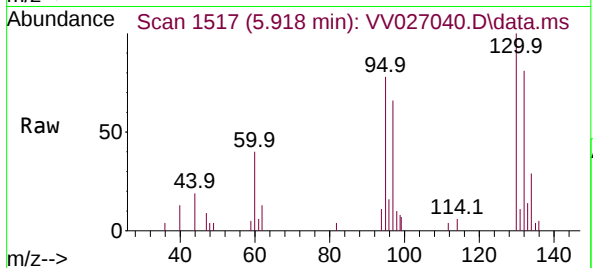
Ion Ratio Lower Upper

95 100

97 84.7 45.9 85.3

132 103.9 69.8 129.6

130 128.8 72.5 134.7



#35

Methylcyclohexane

Concen: 1.056 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.000 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

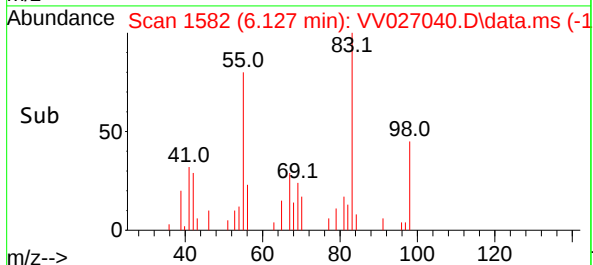
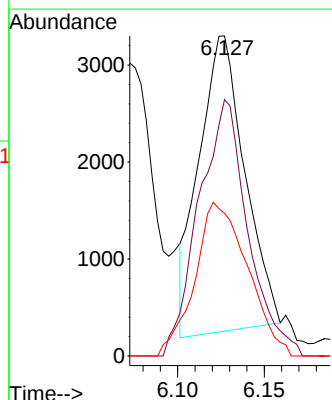
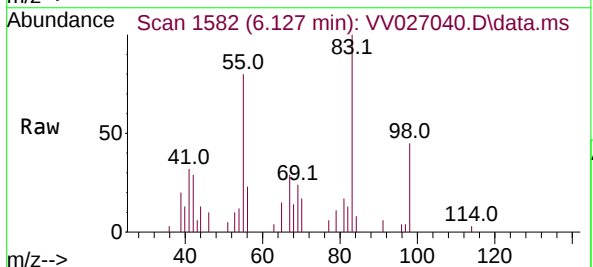
Tgt Ion: 83 Resp: 5614

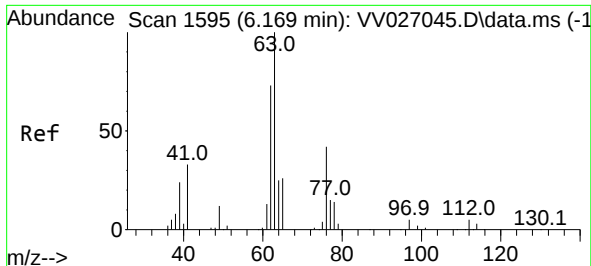
Ion Ratio Lower Upper

83 100

55 92.6 55.5 83.3#

98 59.6 39.0 58.4#

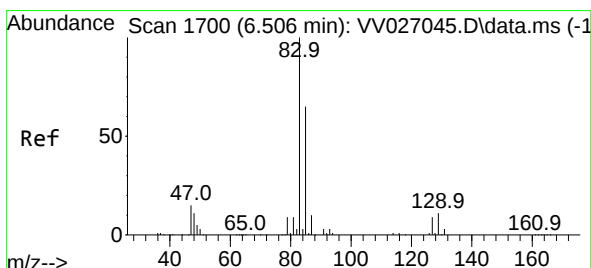
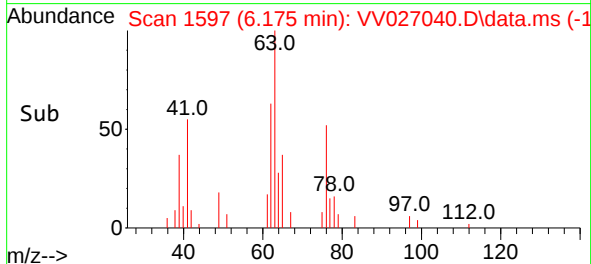
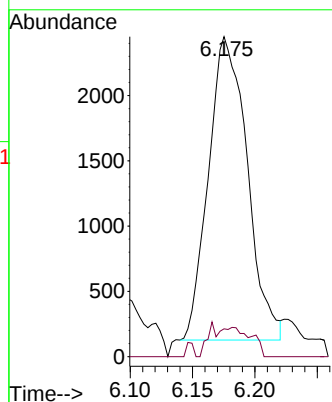
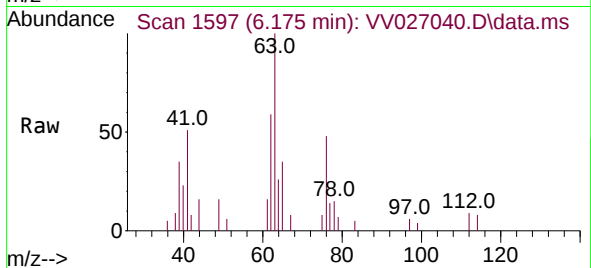




#37
1,2-Dichloropropane
Concen: 1.447 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

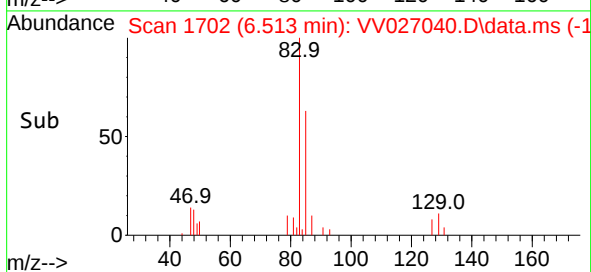
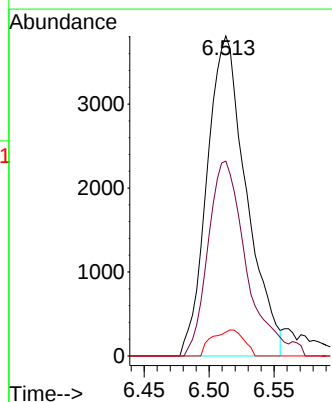
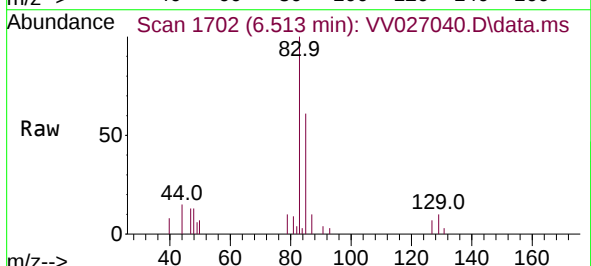
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

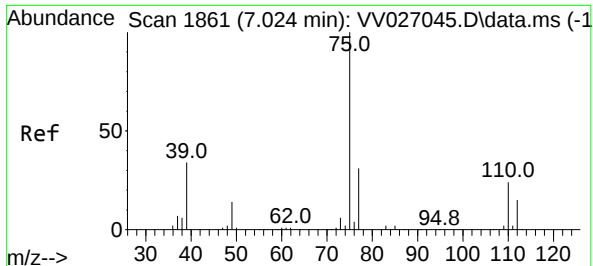
Tgt Ion: 63 Resp: 5013
Ion Ratio Lower Upper
63 100
112 6.0 3.7 5.5#



#38
Bromodichloromethane
Concen: 1.741 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.007 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion: 83 Resp: 8011
Ion Ratio Lower Upper
83 100
85 60.9 45.5 84.5
127 7.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 1.218 ug/L

RT: 7.034 min Scan# 1861

Delta R.T. 0.010 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

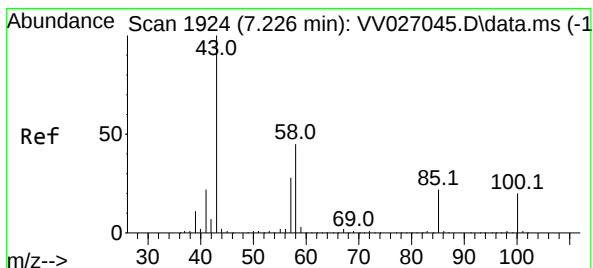
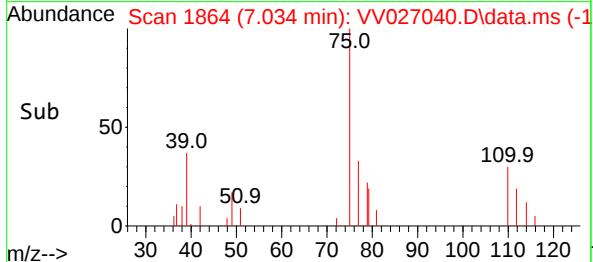
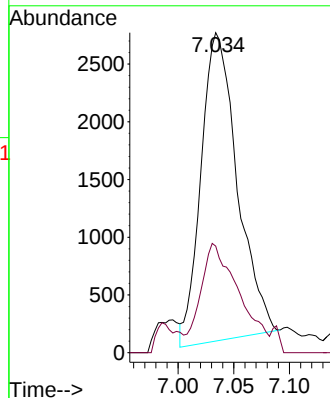
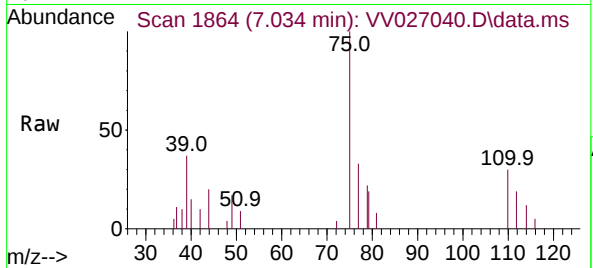
VSTD005237

Tgt Ion: 75 Resp: 6051

Ion Ratio Lower Upper

75 100

77 33.3 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 2.231 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

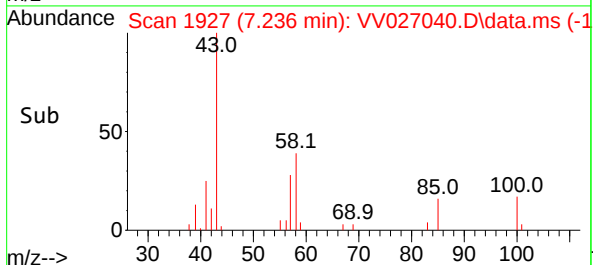
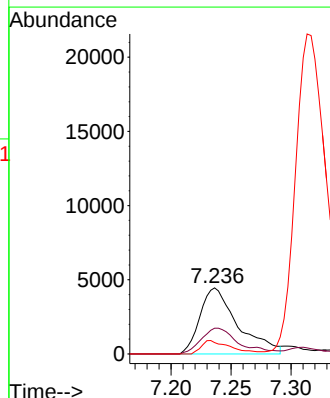
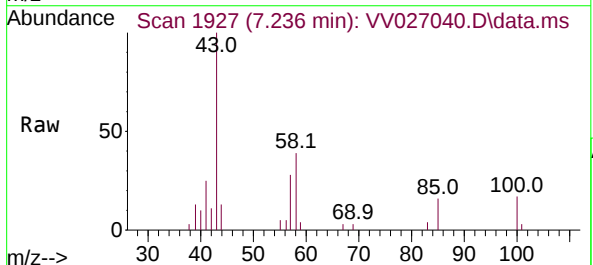
Tgt Ion: 43 Resp: 9776

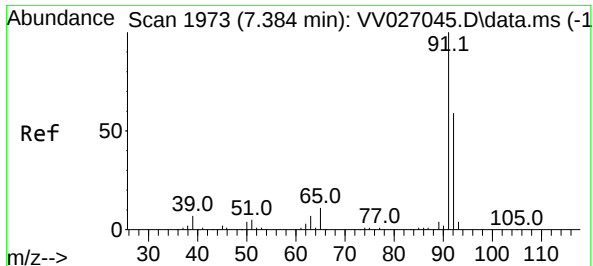
Ion Ratio Lower Upper

43 100

58 34.0 35.3 52.9#

100 14.5 15.7 23.5#





#42

Toluene

Concen: 1.302 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.007 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

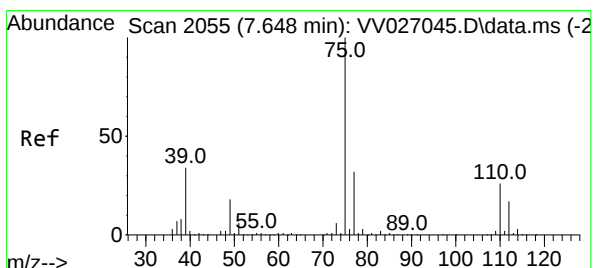
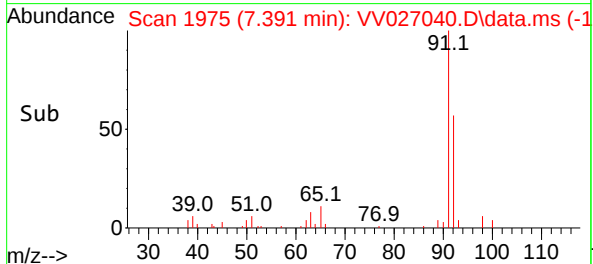
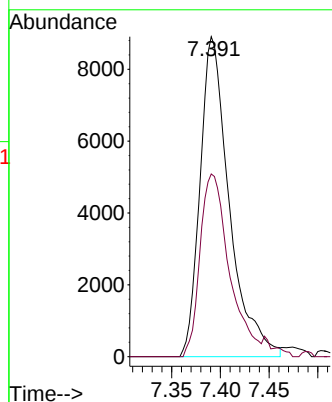
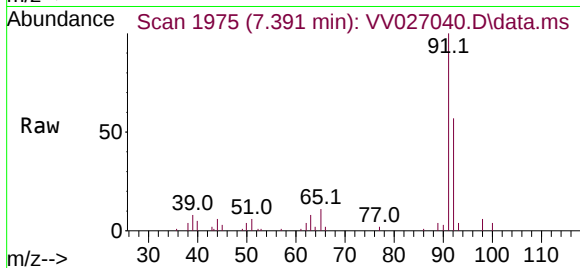
VSTD005237

Tgt Ion: 91 Resp: 18577

Ion Ratio Lower Upper

91 100

92 57.1 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 1.055 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.013 min

Lab File: VV027040.D

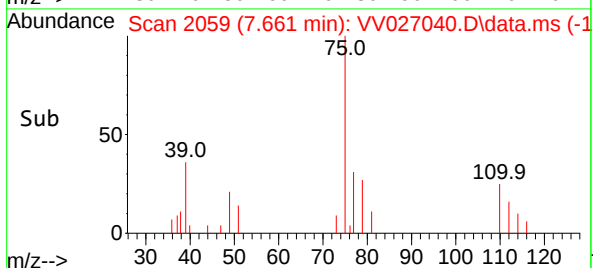
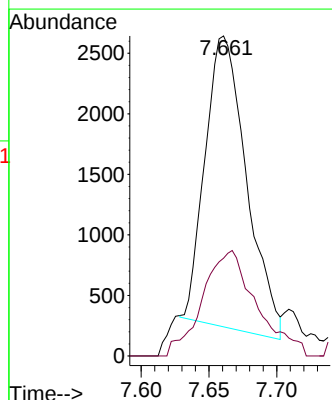
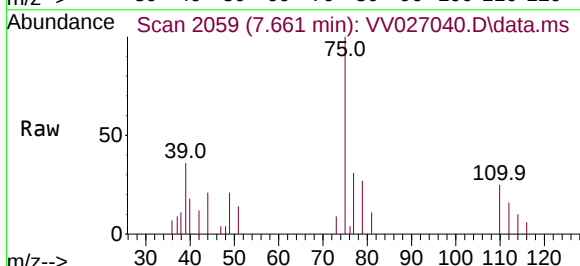
Acq: 28 Jul 2022 15:15

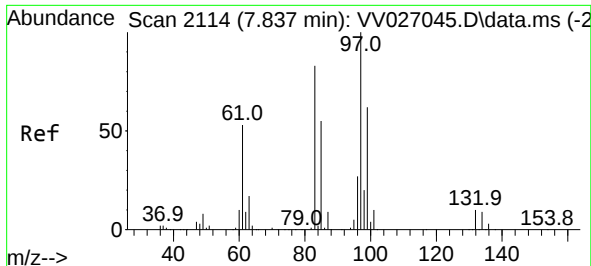
Tgt Ion: 75 Resp: 5097

Ion Ratio Lower Upper

75 100

77 30.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 1.625 ug/L

RT: 7.844 min Scan# 2114

Delta R.T. 0.007 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005237

Tgt Ion: 97 Resp: 6026

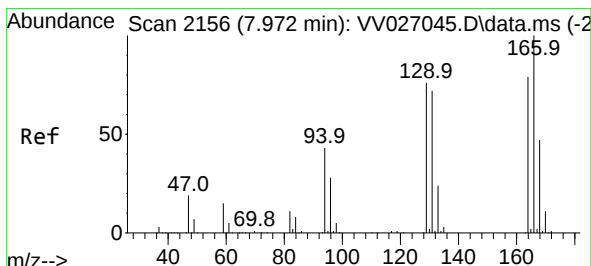
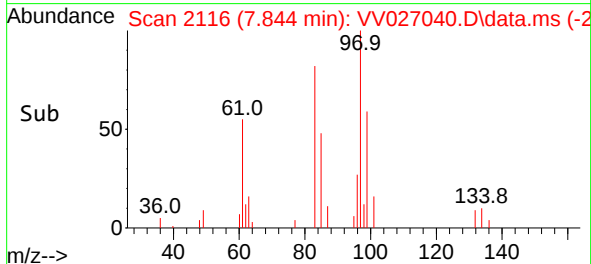
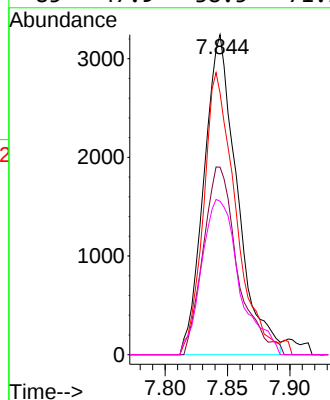
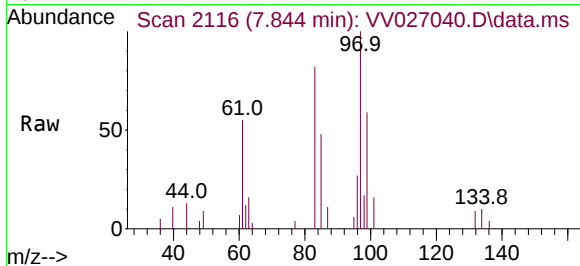
Ion Ratio Lower Upper

97 100

99 58.6 43.2 80.2

83 81.8 58.0 107.6

85 47.9 38.5 71.5



#46

Tetrachloroethene

Concen: 1.597 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Tgt Ion:164 Resp: 4451

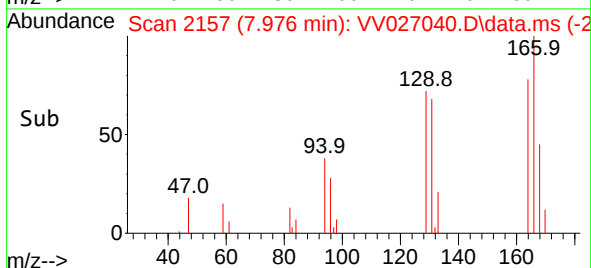
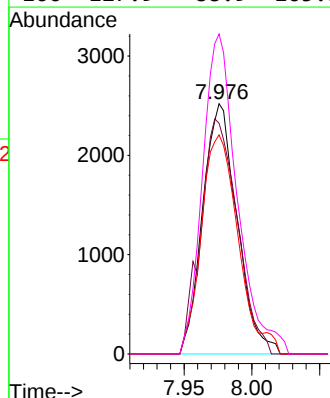
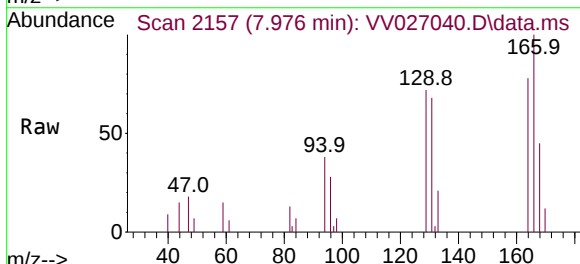
Ion Ratio Lower Upper

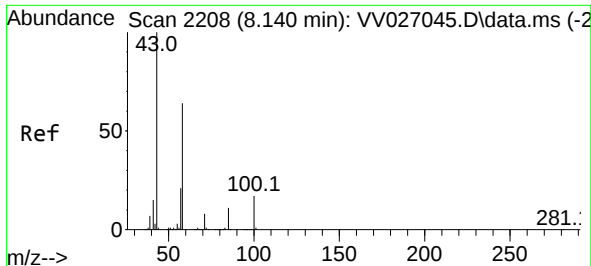
164 100

129 92.2 67.5 125.4

131 87.5 64.3 119.3

166 127.9 88.9 165.1

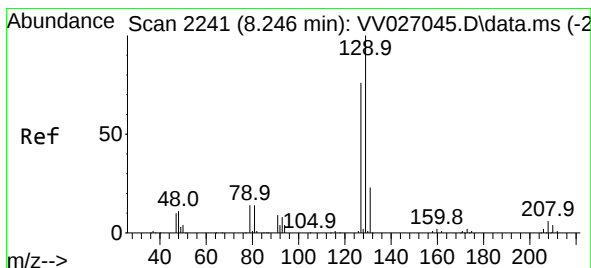
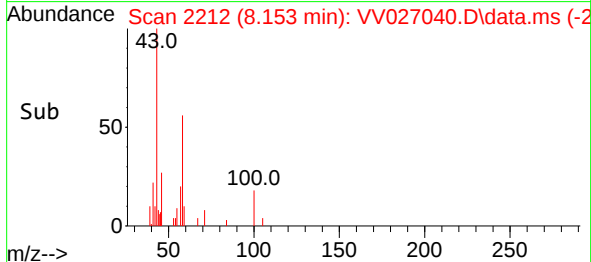
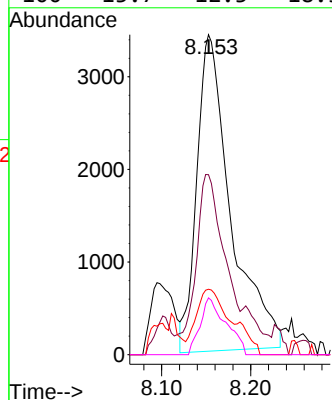
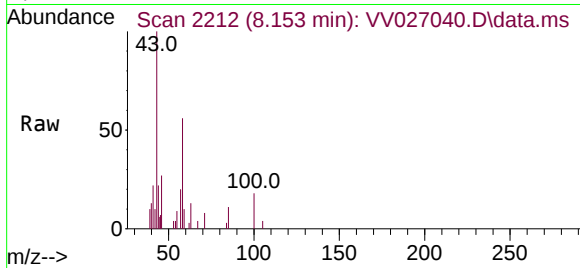




#48
2-Hexanone
Concen: 2.620 ug/L
RT: 8.153 min Scan# 2112
Delta R.T. 0.013 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

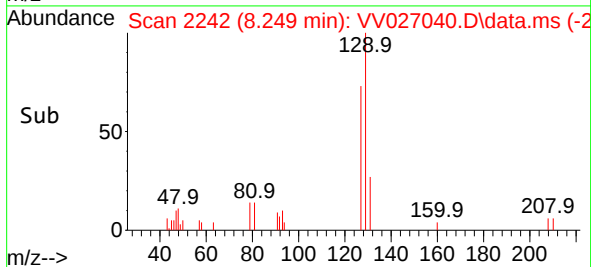
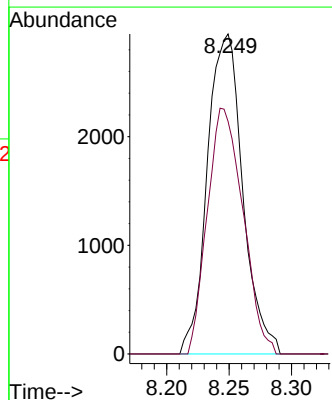
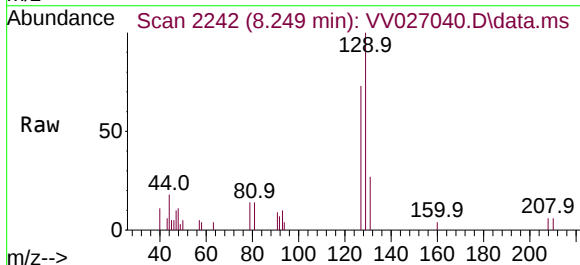
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

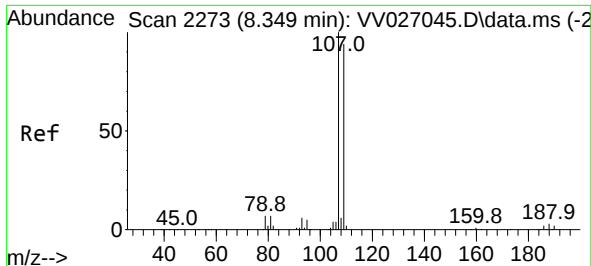
Tgt Ion: 43 Resp: 9045
Ion Ratio Lower Upper
43 100
58 38.8 50.8 76.2#
57 12.7 17.1 25.7#
100 13.7 12.3 18.5



#49
Dibromochloromethane
Concen: 1.525 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion: 129 Resp: 5817
Ion Ratio Lower Upper
129 100
127 72.7 53.3 98.9





#50

1,2-Dibromoethane

Concen: 1.574 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

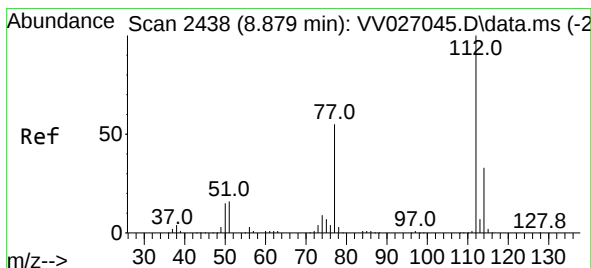
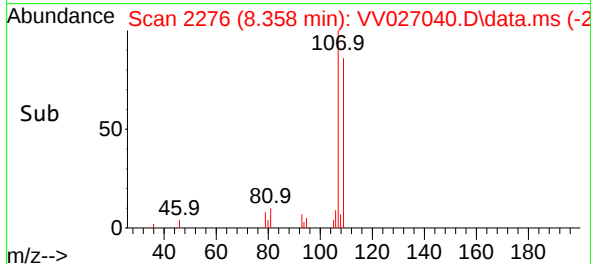
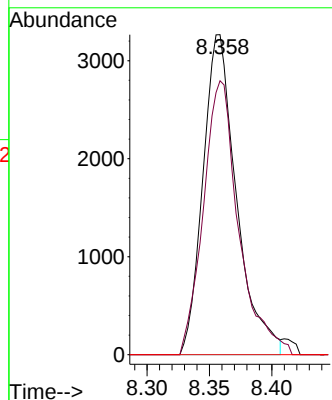
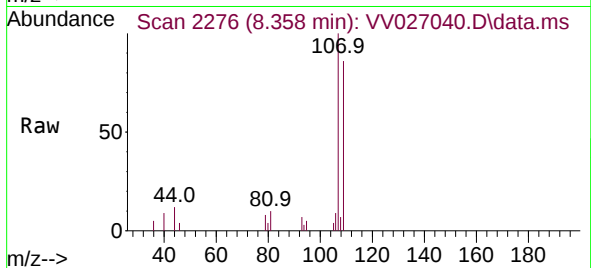
Instrument :

MSVOA_V

ClientSampleId :

VSTD005237

Tgt Ion:107	Resp:	6121
Ion	Ratio	Lower Upper
107	100	
109	85.6	65.7 121.9
188	0.0	2.7 4.1#



#51

Chlorobenzene

Concen: 1.565 ug/L

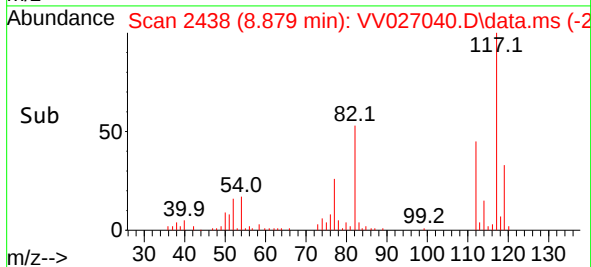
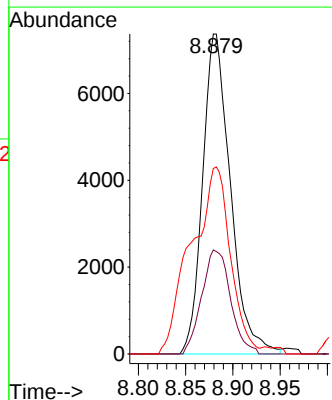
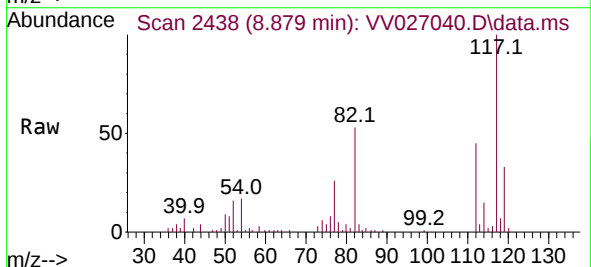
RT: 8.879 min Scan# 2438

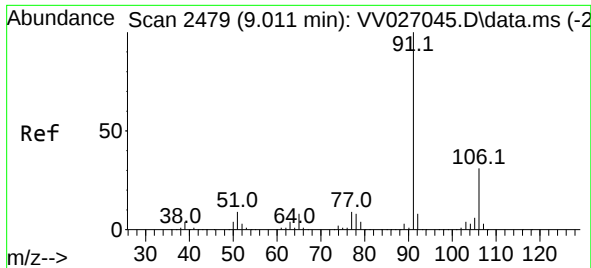
Delta R.T. 0.000 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Tgt Ion:112	Resp:	15063
Ion	Ratio	Lower Upper
112	100	
114	32.5	22.8 42.4
77	58.0	44.2 66.2





#52

Ethylbenzene

Concen: 1.259 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

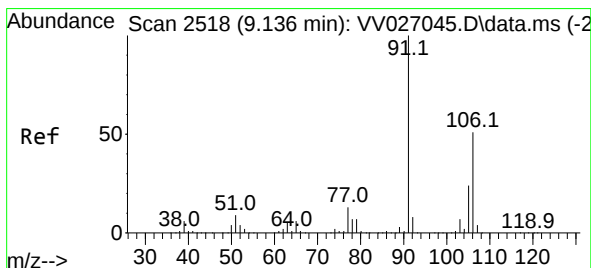
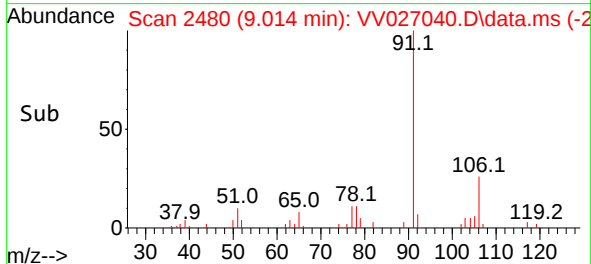
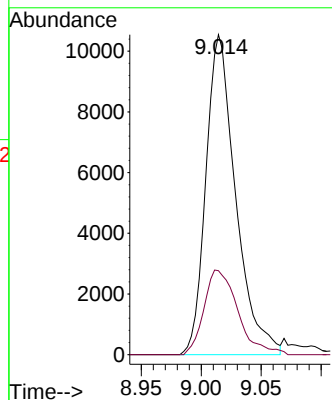
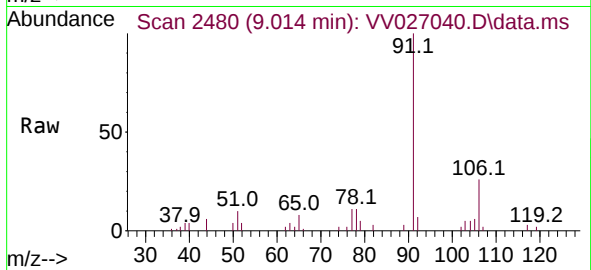
VSTD005237

Tgt Ion: 91 Resp: 18199

Ion Ratio Lower Upper

91 100

106 26.2 21.8 40.6



#53

m,p-Xylene

Concen: 1.157 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV027040.D

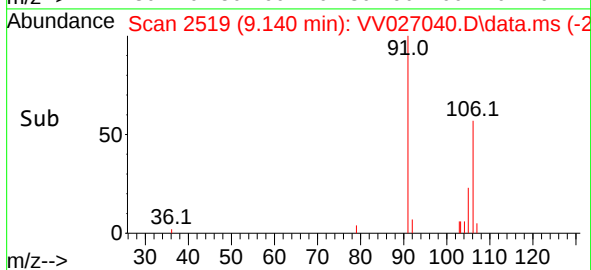
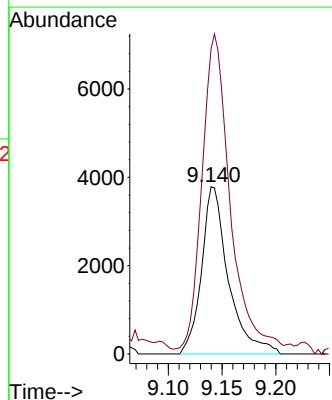
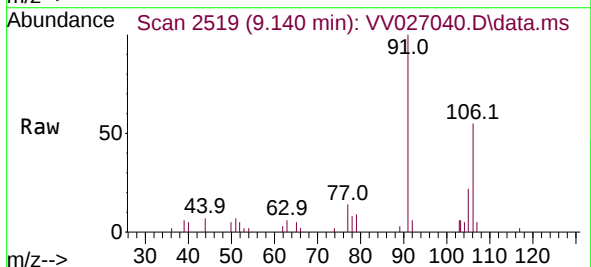
Acq: 28 Jul 2022 15:15

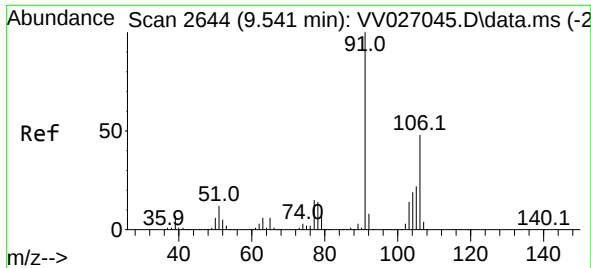
Tgt Ion: 106 Resp: 6578

Ion Ratio Lower Upper

106 100

91 182.5 137.5 255.3

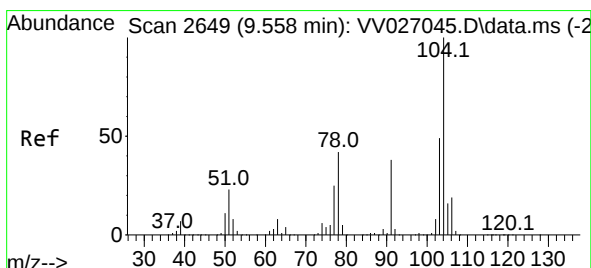
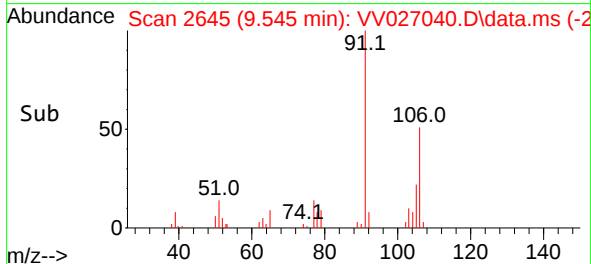
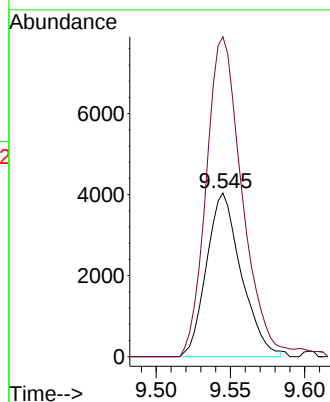
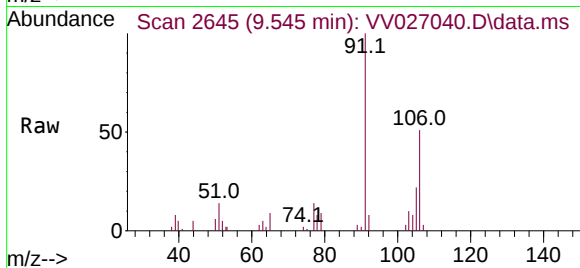




#54
o-Xylene
Concen: 1.200 ug/L
RT: 9.545 min Scan# 2644
Delta R.T. 0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

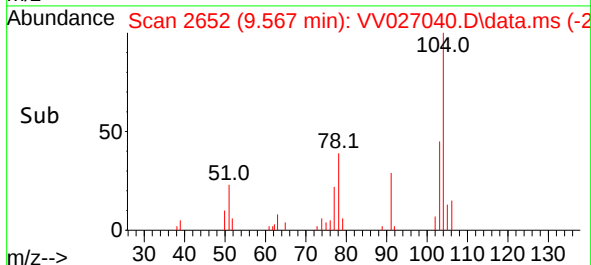
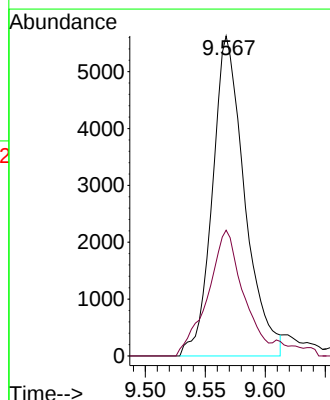
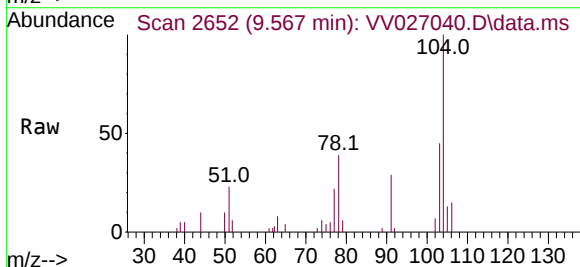
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

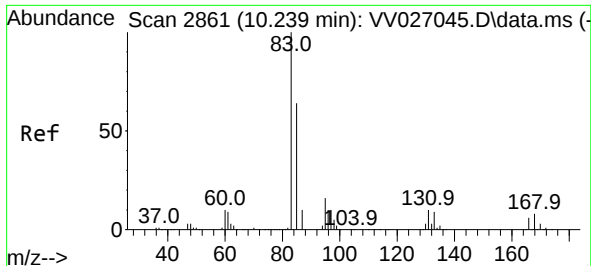
Tgt Ion:106 Resp: 6568
Ion Ratio Lower Upper
106 100
91 195.4 146.6 272.2



#55
Styrene
Concen: 1.095 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion:104 Resp: 10489
Ion Ratio Lower Upper
104 100
78 39.3 29.6 55.0

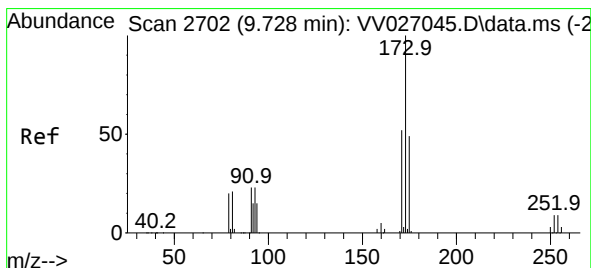
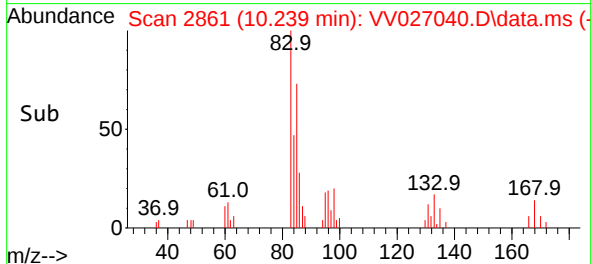
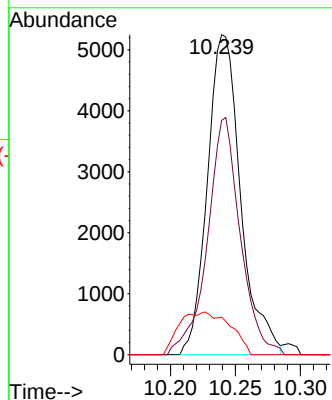
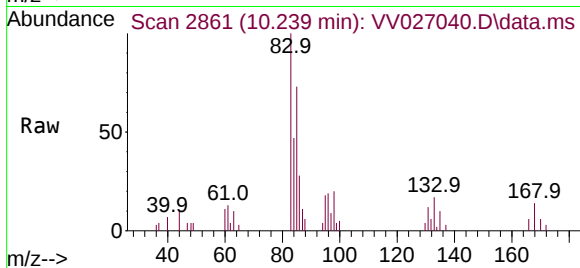




#57
1,1,2,2-Tetrachloroethane
Concen: 1.565 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

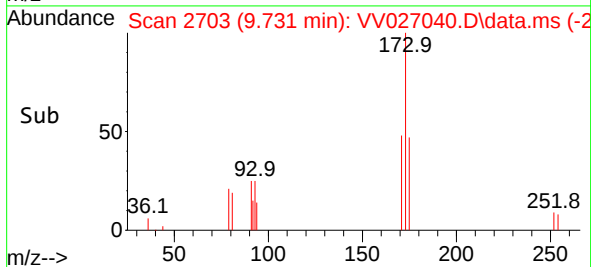
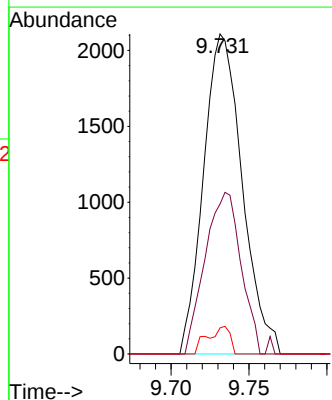
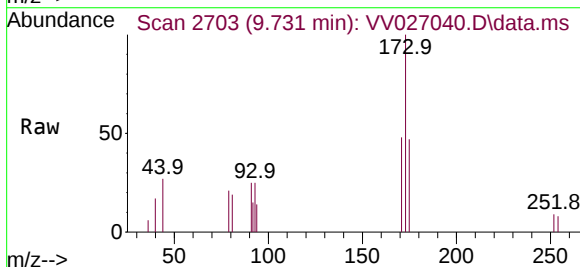
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

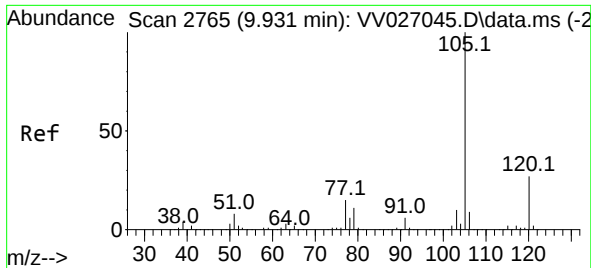
Tgt Ion:	83	Resp:	9357
Ion	Ratio	Lower	Upper
83	100		
85	73.2	45.2	84.0
131	11.7	8.1	12.1



#59
Bromoform
Concen: 1.675 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion:	173	Resp:	3643
Ion	Ratio	Lower	Upper
173	100		
175	46.8	39.0	58.4
254	3.2	6.9	10.3

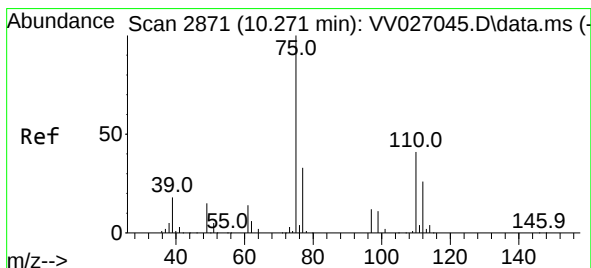
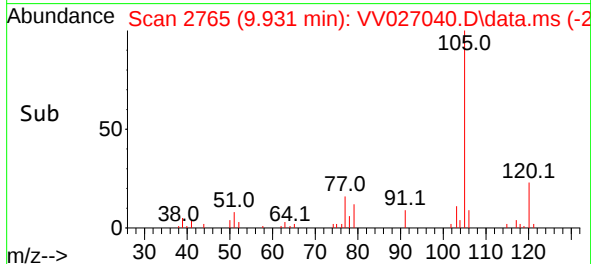
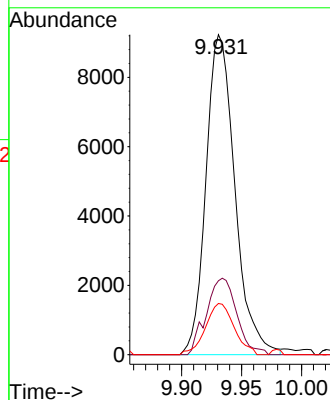
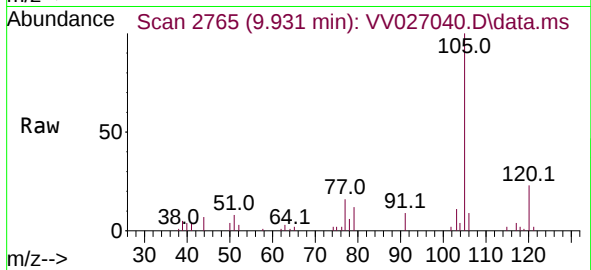




#60
Isopropylbenzene
Concen: 1.297 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

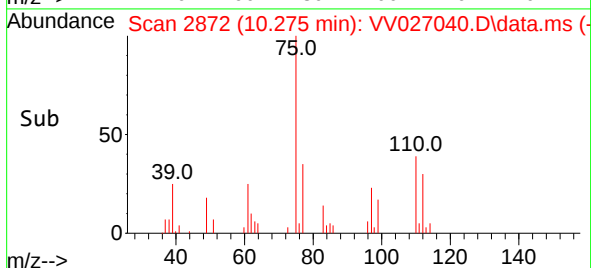
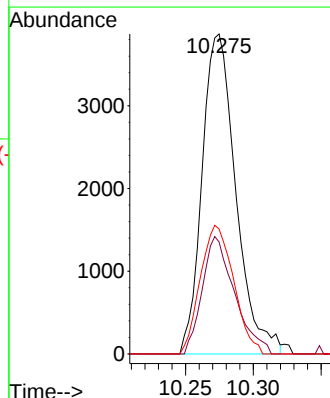
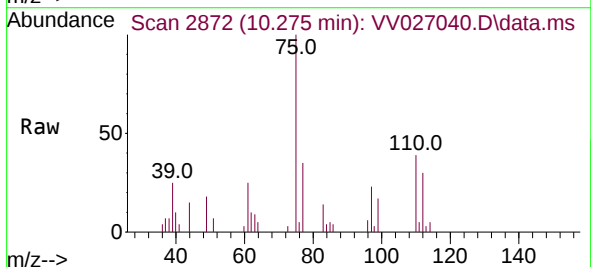
Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

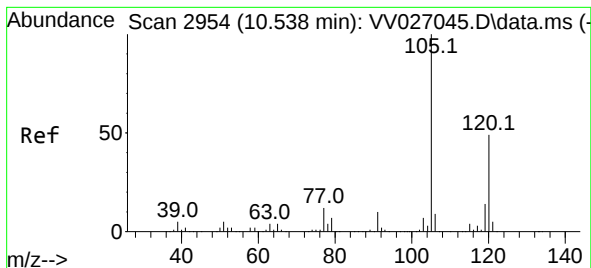
Tgt Ion:105 Resp: 15493
Ion Ratio Lower Upper
105 100
120 25.1 21.4 32.0
77 15.8 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 1.670 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion: 75 Resp: 6705
Ion Ratio Lower Upper
75 100
77 35.1 25.8 38.8
110 39.6 32.7 49.1





#62

1,3,5-Trimethylbenzene

Concen: 1.247 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

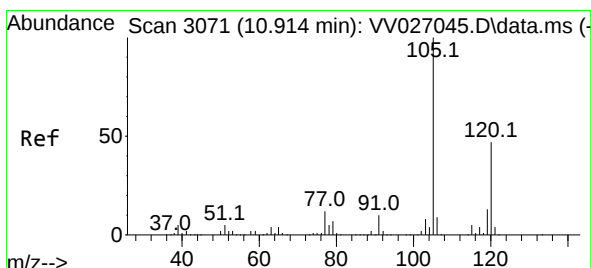
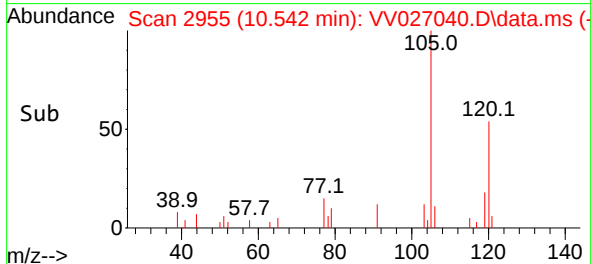
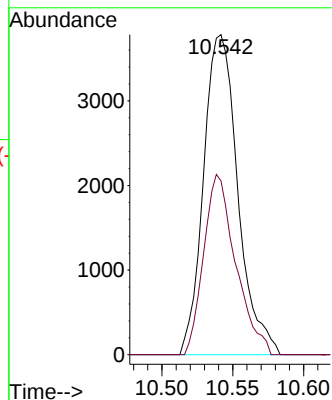
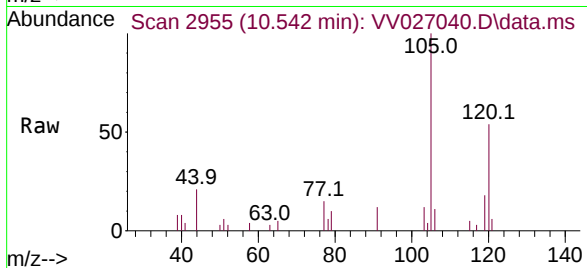
VSTD005237

Tgt Ion:105 Resp: 6375

Ion Ratio Lower Upper

105 100

120 52.5 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 1.344 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV027040.D

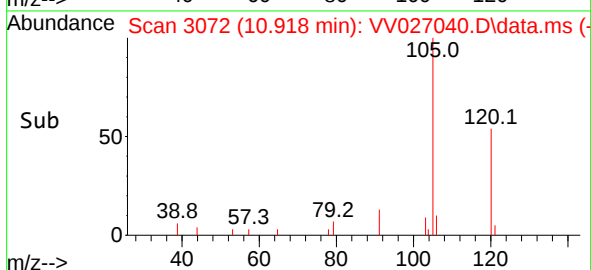
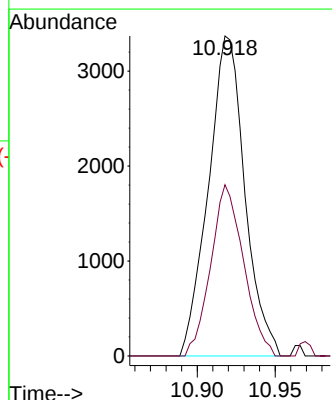
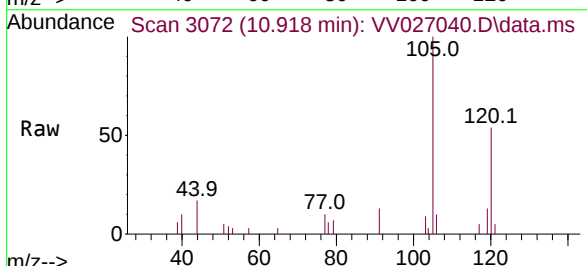
Acq: 28 Jul 2022 15:15

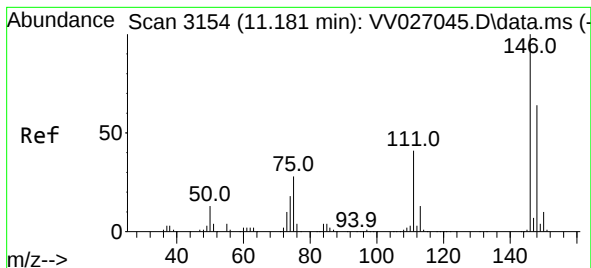
Tgt Ion:105 Resp: 5484

Ion Ratio Lower Upper

105 100

120 48.2 37.0 55.6





#64

1,3-Dichlorobenzene

Concen: 1.476 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005237

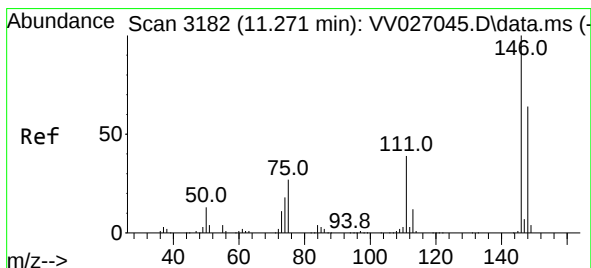
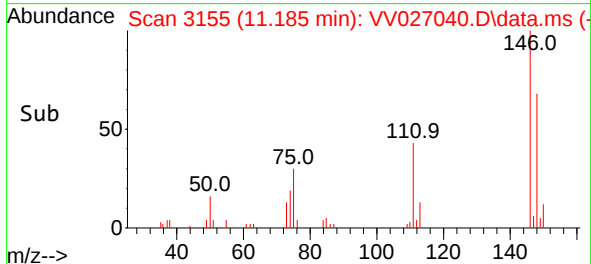
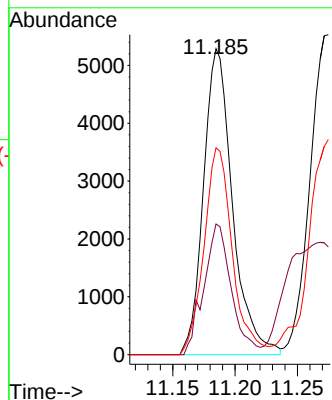
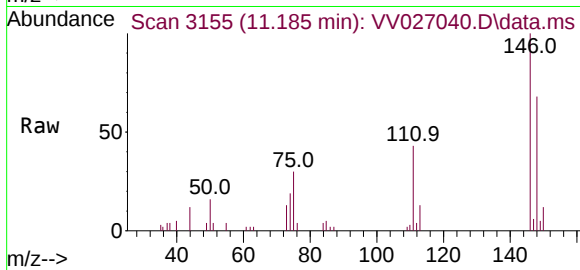
Tgt Ion:146 Resp: 8561

Ion Ratio Lower Upper

146 100

111 42.7 28.4 52.8

148 67.6 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 1.648 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

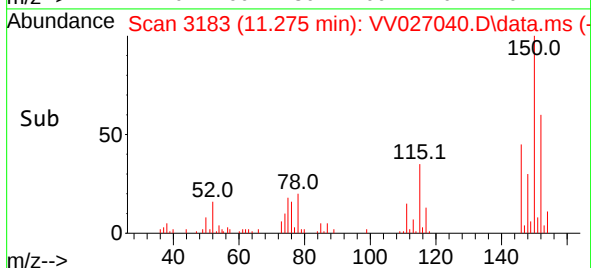
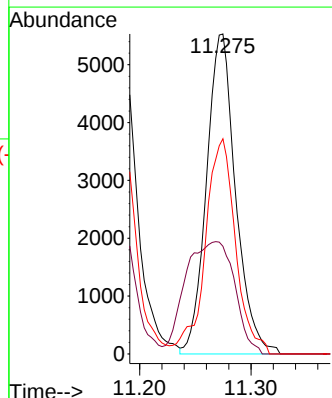
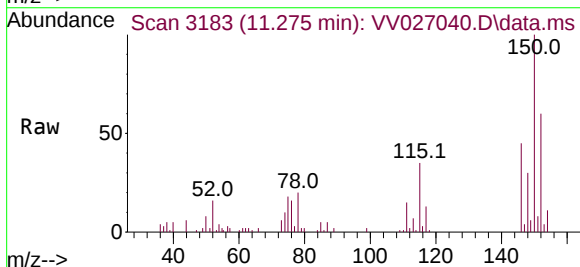
Tgt Ion:146 Resp: 10072

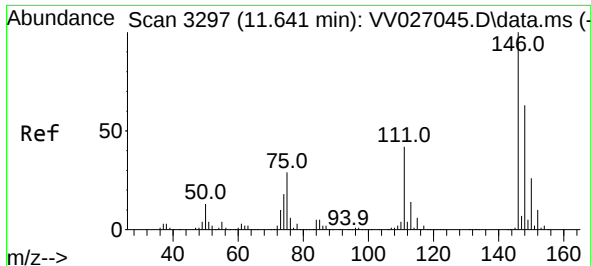
Ion Ratio Lower Upper

146 100

111 33.6 27.4 51.0

148 67.2 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 1.540 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

VSTD005237

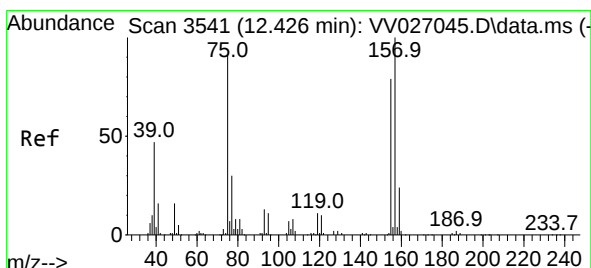
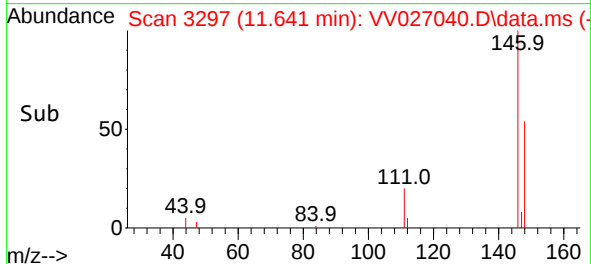
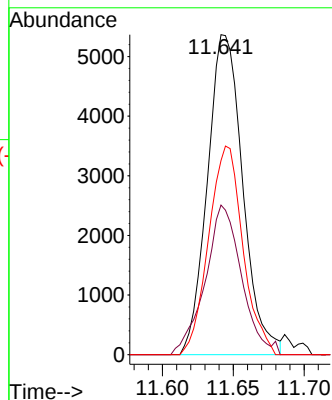
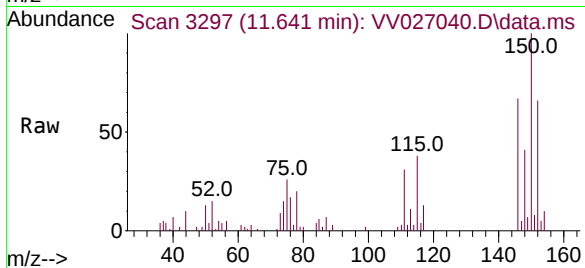
Tgt Ion:146 Resp: 9328

Ion Ratio Lower Upper

146 100

111 46.7 34.0 51.0

148 60.6 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 1.462 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV027040.D

Acq: 28 Jul 2022 15:15

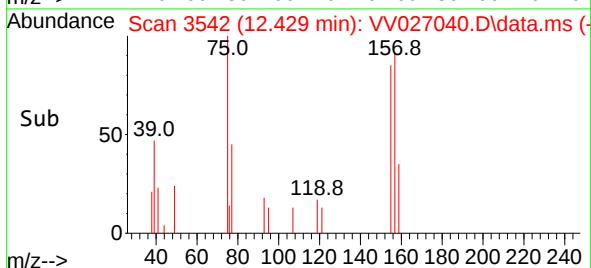
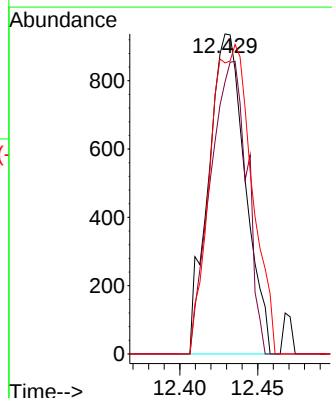
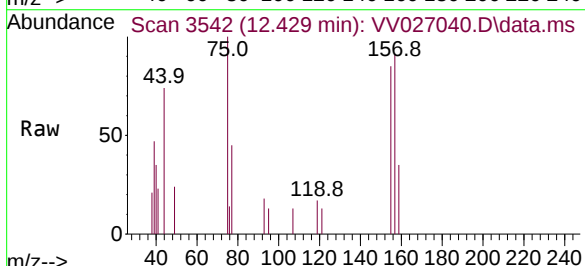
Tgt Ion: 75 Resp: 1539

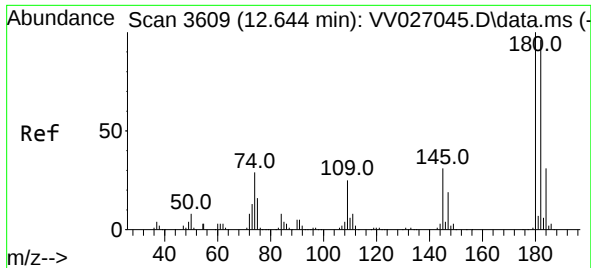
Ion Ratio Lower Upper

75 100

155 85.0 69.1 103.7

157 90.9 87.8 131.8

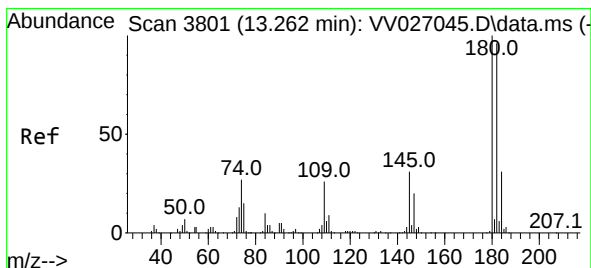
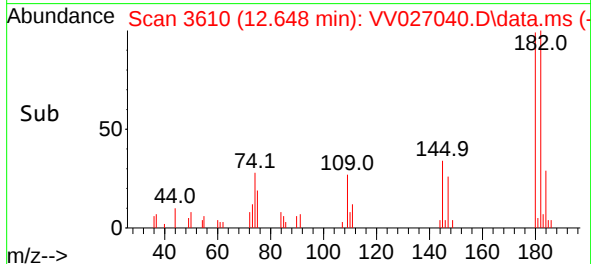
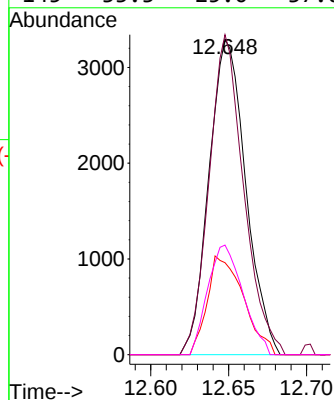
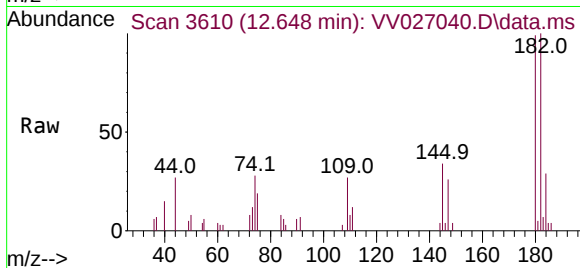




#69
 1,3,5-Trichlorobenzene
 Concen: 1.374 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV027040.D
 Acq: 28 Jul 2022 15:15

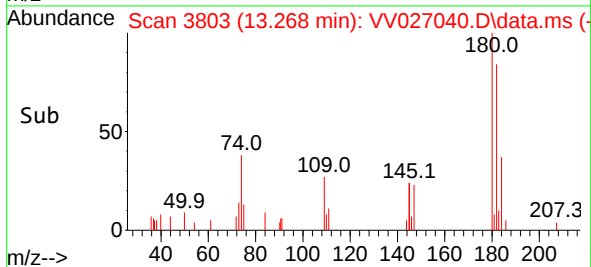
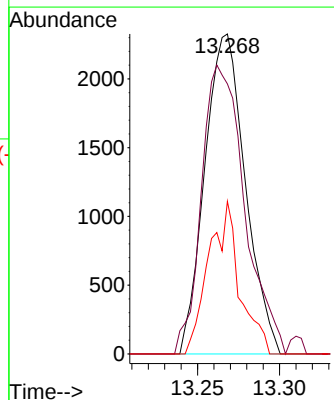
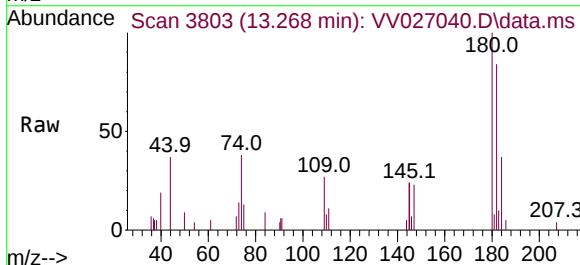
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005237

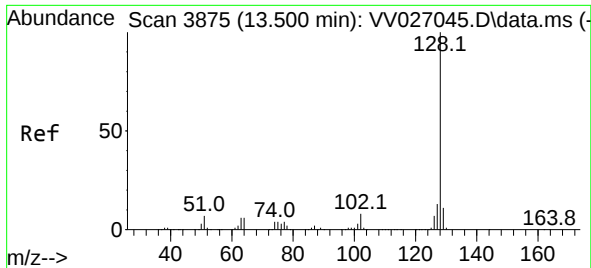
Tgt Ion:	180	Resp:	5403
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.2	114.4
184	30.9	24.8	37.2
145	33.3	25.0	37.6



#70
 1,2,4-trichlorobenzene
 Concen: 1.187 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.007 min
 Lab File: VV027040.D
 Acq: 28 Jul 2022 15:15

Tgt Ion:	180	Resp:	3997
Ion Ratio	Lower	Upper	
180	100		
182	1.7	75.9	113.9#
145	17.8	24.7	37.1#

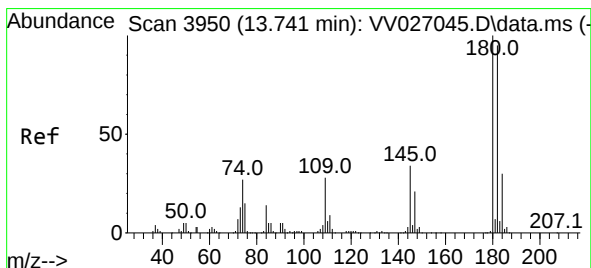
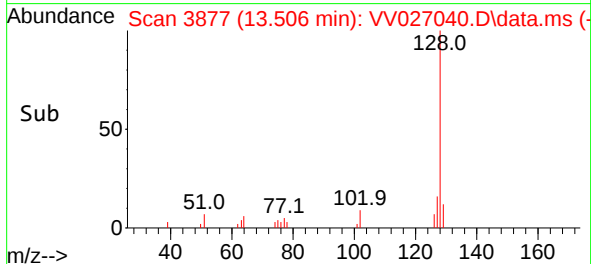
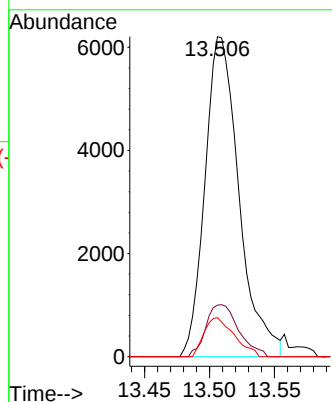
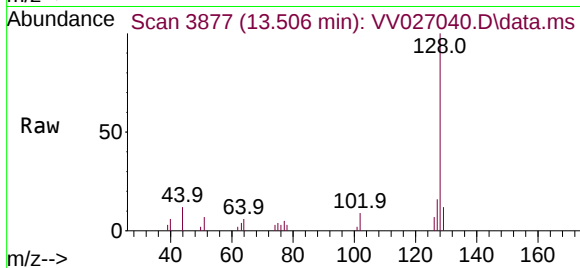




#71
Naphthalene
Concen: 0.966 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.007 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Instrument :
MSVOA_V
ClientSampleId :
VSTD005237

Tgt Ion:128 Resp: 11313
Ion Ratio Lower Upper
128 100
127 15.7 10.3 15.5#
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 1.171 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.007 min
Lab File: VV027040.D
Acq: 28 Jul 2022 15:15

Tgt Ion:180 Resp: 4277
Ion Ratio Lower Upper
180 100
182 89.5 76.3 114.5
145 30.3 27.4 41.0

