

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024420.D
 Acq On : 21 Jan 2022 12:31
 Operator : SY/MD
 Sample : VSTD00575
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

Quant Time: Jan 24 02:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 02:12:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	152565	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141104	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82344	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	4755	4.739	ug/L	0.00
7) Chloroethane-d5	1.571	69	2866	4.963	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	9200	5.726	ug/L	0.00
21) 2-Butanone-d5	3.912	46	3097	6.805	ug/L	0.02
24) Chloroform-d	4.349	84	9646	4.749	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	7273	4.855	ug/L	0.00
32) Benzene-d6	5.047	84	16711	4.932	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	3758	4.970	ug/L	0.00
41) Toluene-d8	7.313	98	16969	4.800	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	2655	4.599	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	2817	8.653	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	5302	4.761	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	8989	5.323	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	8872	5.184	ug/L	97
3) Chloromethane	1.243	50	5493	5.298	ug/L	99
5) Vinyl chloride	1.310	62	6453	5.339	ug/L	100
6) Bromomethane	1.523	94	3522	5.363	ug/L	100
8) Chloroethane	1.587	64	3015	5.778	ug/L	98
9) Trichlorofluoromethane	1.754	101	12506	5.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	4715	5.684	ug/L	95
12) 1,1-Dichloroethene	2.121	96	4753	5.886	ug/L	88
13) Acetone	2.182	43	2683	4.758	ug/L #	41
14) Carbon disulfide	2.297	76	15642	6.748	ug/L	99
16) Methylene chloride	2.506	84	5904	6.367	ug/L	87
17) trans-1,2-Dichloroethene	2.760	96	5695	6.040	ug/L	91
18) Methyl tert-butyl Ether	2.767	73	18197	5.688	ug/L	98
19) 1,1-Dichloroethane	3.188	63	8406	5.654	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	5922	5.494	ug/L	98
22) 2-Butanone	3.995	43	3364	6.073	ug/L #	59
23) Bromochloromethane	4.246	128	3335	5.347	ug/L	97
25) Chloroform	4.375	83	11405	5.656	ug/L	95
27) 1,2-Dichloroethane	5.133	62	9494	5.331	ug/L #	94
29) Cyclohexane	4.677	56	6610	5.805	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	12161	5.606	ug/L	97
31) Carbon tetrachloride	4.825	117	12158	5.723	ug/L	96
33) Benzene	5.098	78	20407	5.690	ug/L	100
34) Trichloroethene	5.915	95	6414	5.758	ug/L	89
35) Methylcyclohexane	6.124	83	8870	5.656	ug/L	95
37) 1,2-Dichloropropane	6.169	63	3724	5.607	ug/L #	91
38) Bromodichloromethane	6.509	83	8137	5.593	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	7426	5.247	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	9569	10.842	ug/L	100
42) Toluene	7.387	91	25517	5.729	ug/L	94
44) trans-1,3-Dichloropropene	7.651	75	8777	5.527	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	4972	5.540	ug/L	96

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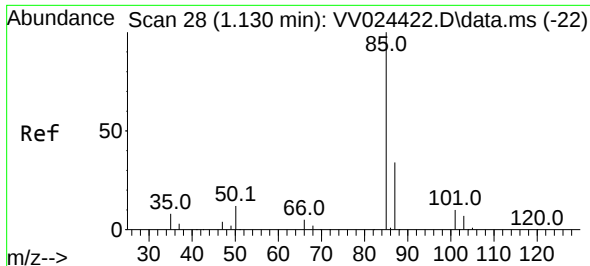
Instrument :
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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Tetrachloroethene	7.976	164	6515	5.775	ug/L	94
48) 2-Hexanone	8.143	43	7531	10.709	ug/L #	96
49) Dibromochloromethane	8.246	129	6442	5.088	ug/L	98
50) 1,2-Dibromoethane	8.352	107	5291	5.485	ug/L	100
51) Chlorobenzene	8.882	112	17767	5.801	ug/L	99
52) Ethylbenzene	9.011	91	26957	5.578	ug/L	95
53) m,p-Xylene	9.136	106	11152	5.490	ug/L	91
54) o-Xylene	9.541	106	10820	5.528	ug/L	90
55) Styrene	9.561	104	17603	5.281	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	5773	5.189	ug/L	91
59) Bromoform	9.731	173	5146	5.626	ug/L	97
60) Isopropylbenzene	9.931	105	28328	5.794	ug/L	96
61) 1,2,3-Trichloropropane	10.271	75	5930	5.930	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	25172	5.512	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	24483	5.380	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	15592	5.667	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	15870	5.755	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	15135	5.674	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	1650	5.051	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	12195	5.510	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	11343	5.774	ug/L	98
71) Naphthalene	13.503	128	29647	5.876	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	10699	5.716	ug/L	98

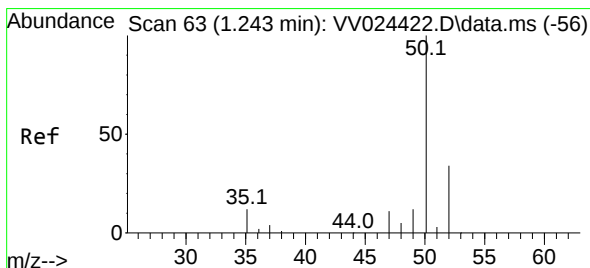
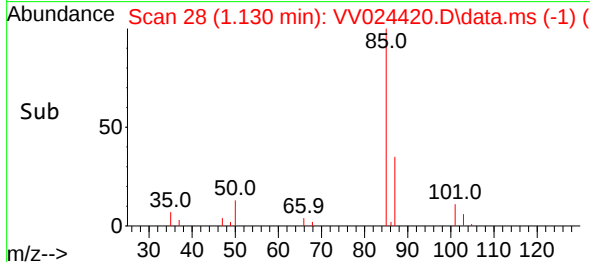
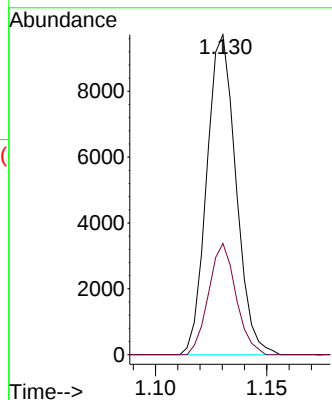
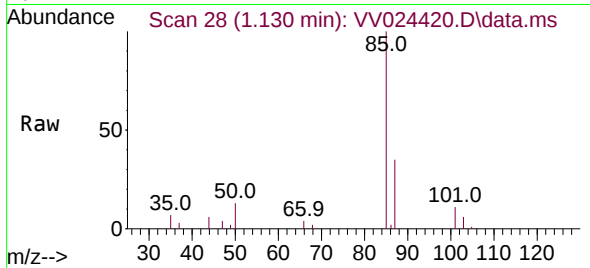
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.184 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

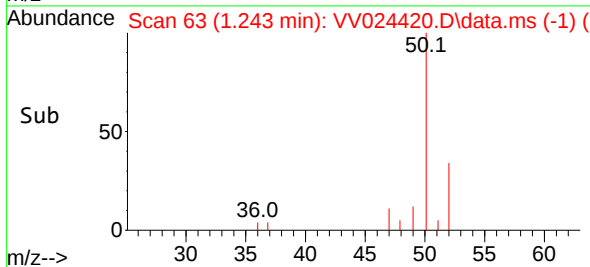
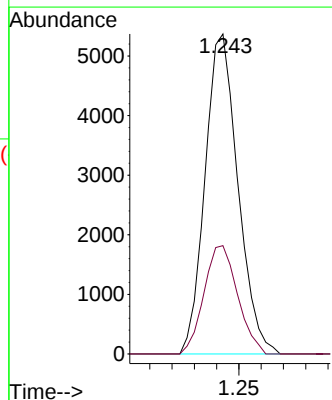
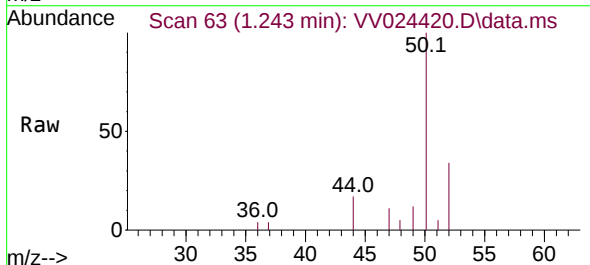
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 ClientSampleId :
 VSTD005275

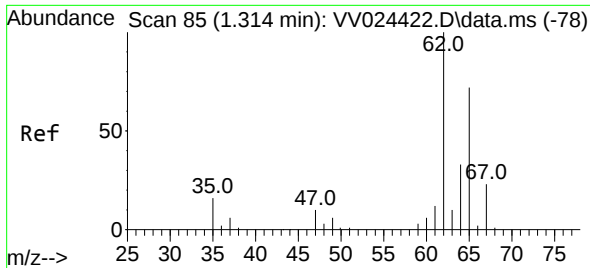
Tgt Ion: 85 Resp: 8872
 Ion Ratio Lower Upper
 85 100
 87 32.5 27.6 41.4



#3
 Chloromethane
 Concen: 5.298 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

Tgt Ion: 50 Resp: 5493
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.9 44.5

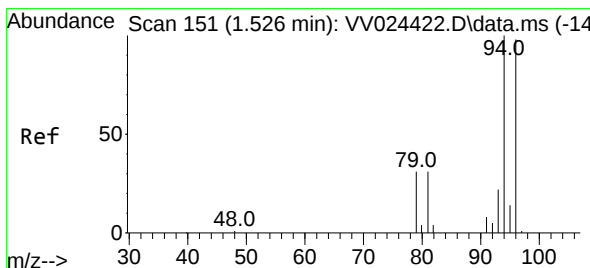
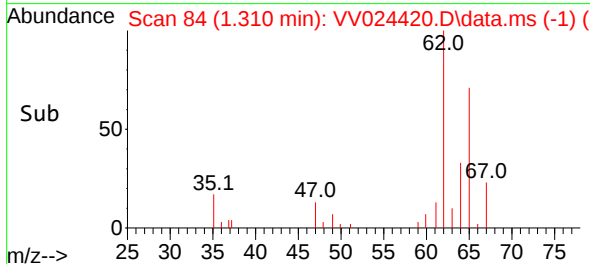
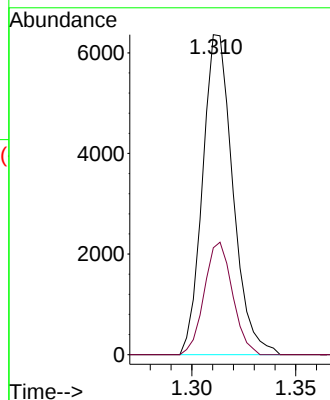
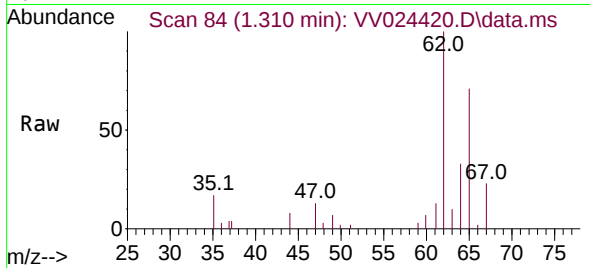




#5
 Vinyl chloride
 Concen: 5.339 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

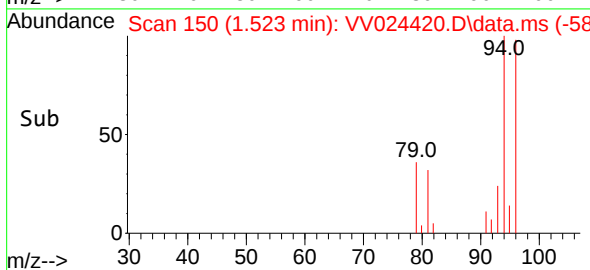
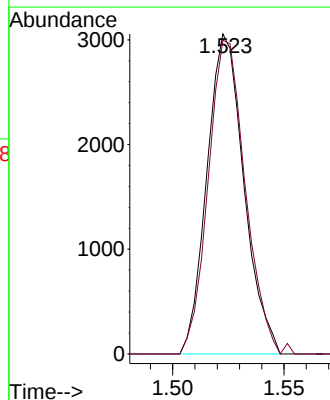
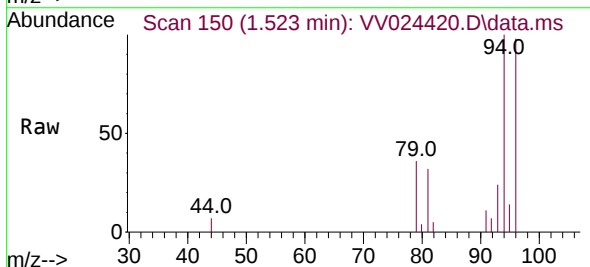
Instrument :
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 ClientSampleId :
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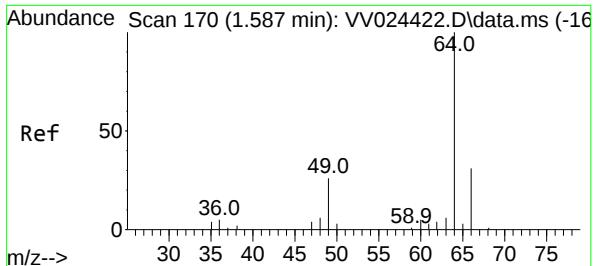
Tgt Ion: 62 Resp: 6453
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.3 43.3



#6
 Bromomethane
 Concen: 5.363 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

Tgt Ion: 94 Resp: 3522
 Ion Ratio Lower Upper
 94 100
 96 98.1 68.3 126.9

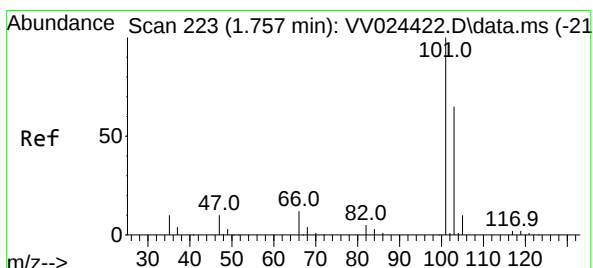
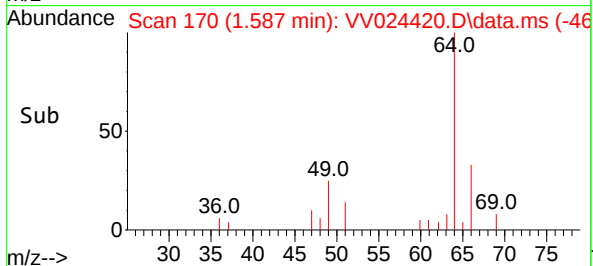
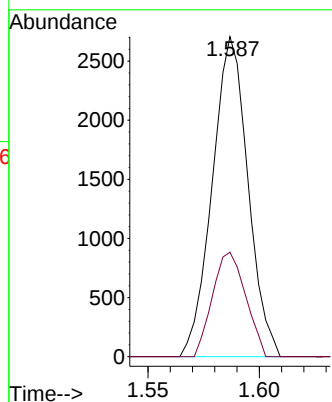
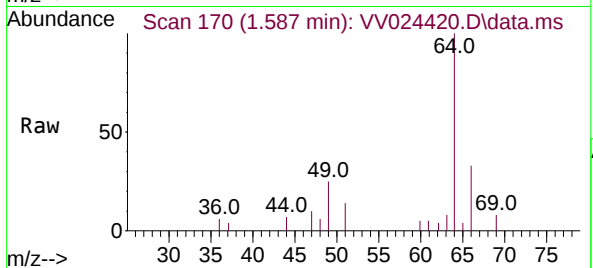




#8
Chloroethane
Concen: 5.778 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

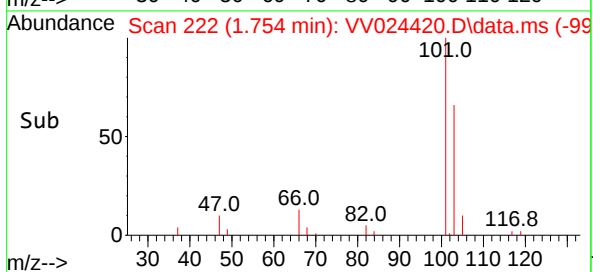
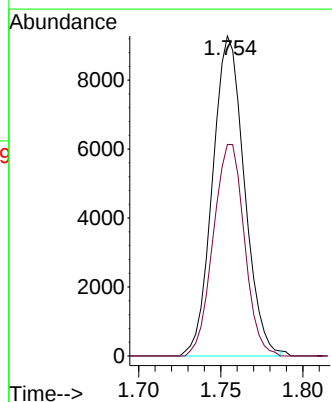
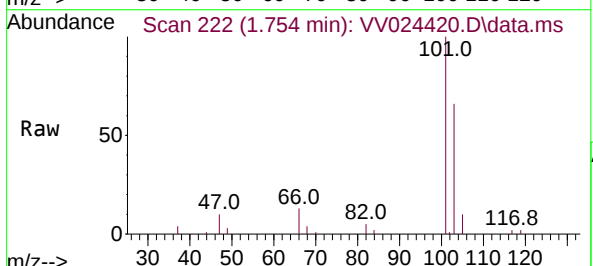
Instrument :
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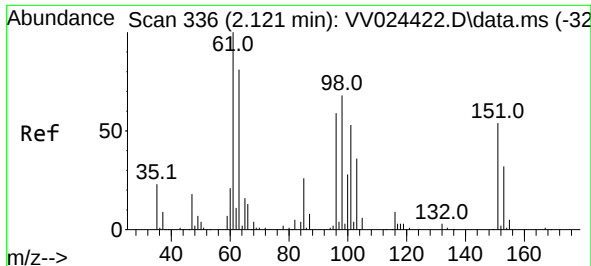
Tgt Ion: 64 Resp: 3015
Ion Ratio Lower Upper
64 100
66 32.7 21.9 40.7



#9
Trichlorofluoromethane
Concen: 5.382 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion:101 Resp: 12506
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.0

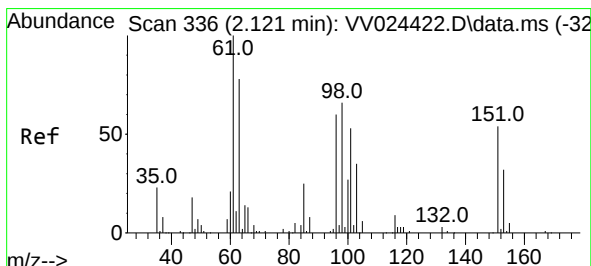
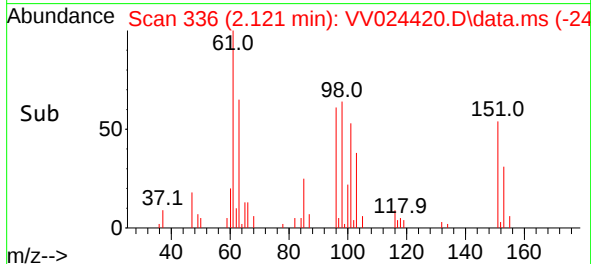
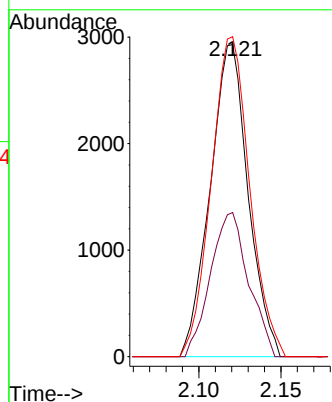
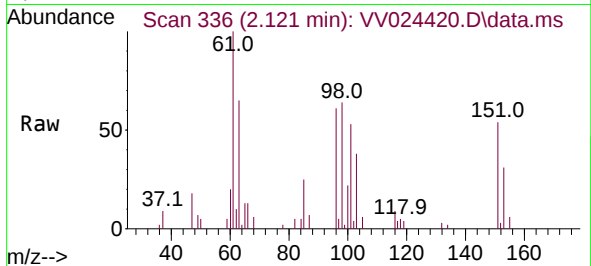




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.684 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

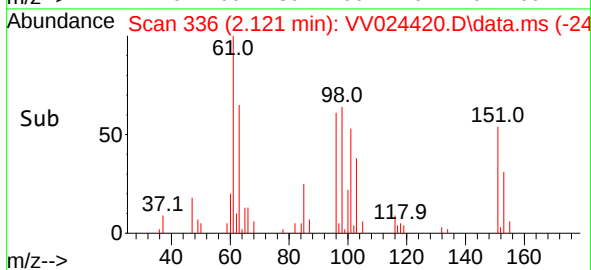
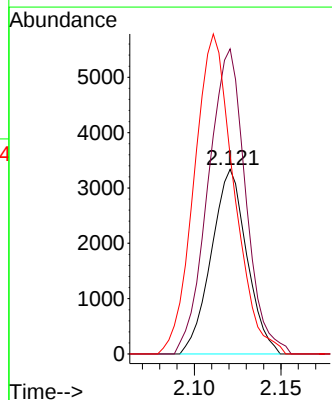
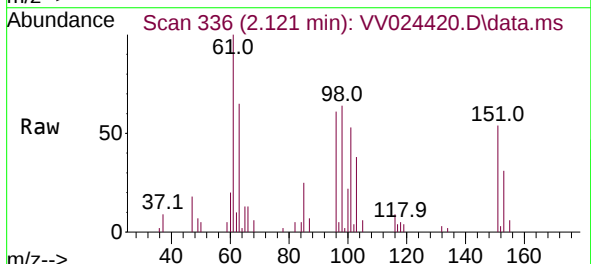
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 ClientSampleId :
 VSTD005275

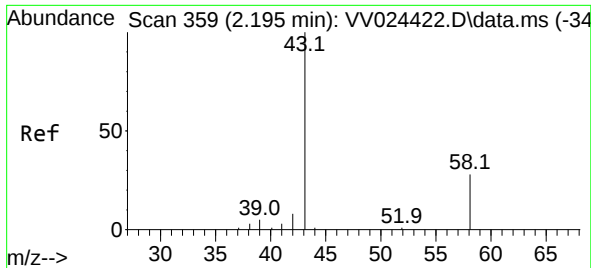
Tgt Ion:101 Resp: 4715
 Ion Ratio Lower Upper
 101 100
 85 46.3 38.6 58.0
 151 103.5 77.8 116.6



#12
 1,1-Dichloroethene
 Concen: 5.886 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

Tgt Ion: 96 Resp: 4753
 Ion Ratio Lower Upper
 96 100
 61 165.3 117.8 218.8
 63 107.5 96.4 179.0





#13

Acetone

Concen: 4.758 ug/L

RT: 2.182 min Scan# 355

Delta R.T. -0.013 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

Instrument :

MSVOA_V

ClientSampleId :

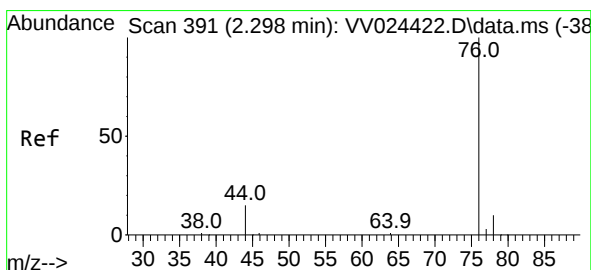
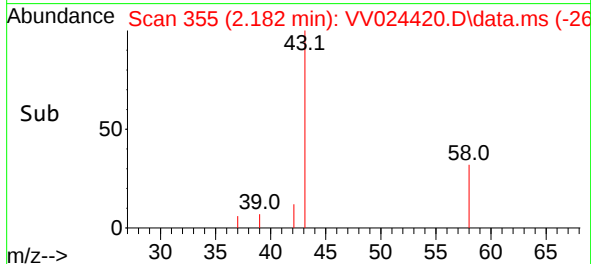
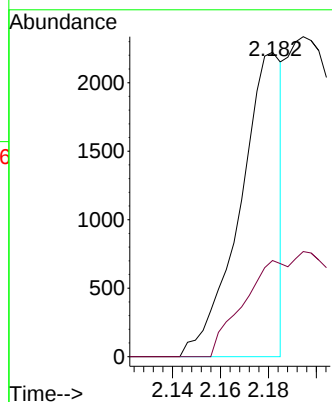
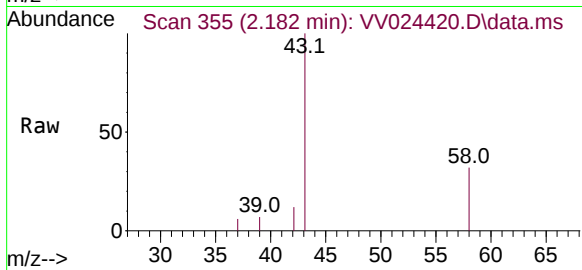
VSTD005275

Tgt Ion: 43 Resp: 2683

Ion Ratio Lower Upper

43 100

58 34.4 0.0 23.4#



#14

Carbon disulfide

Concen: 6.748 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV024420.D

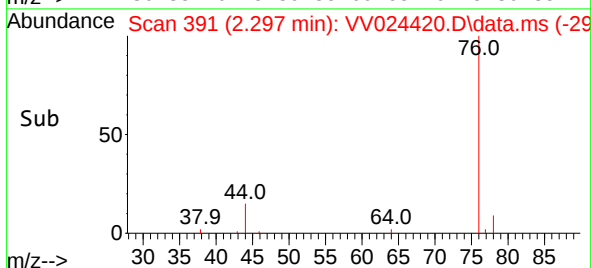
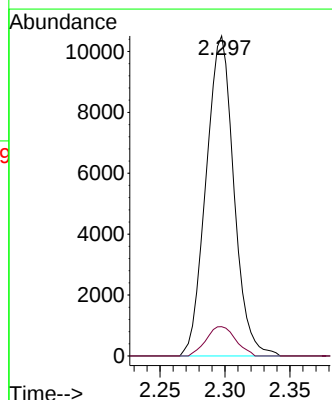
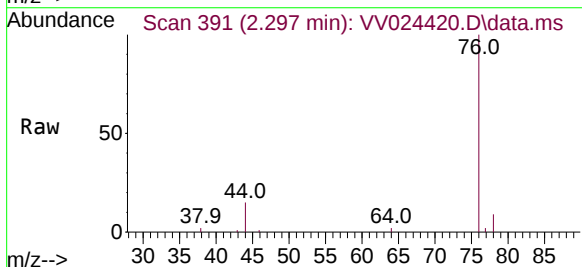
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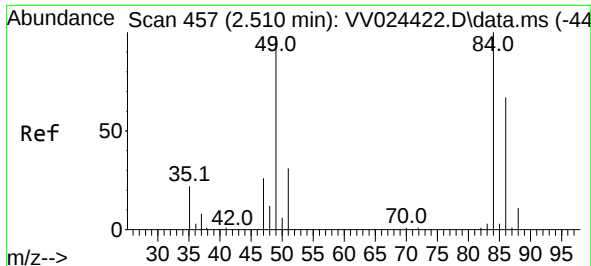
Tgt Ion: 76 Resp: 15642

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

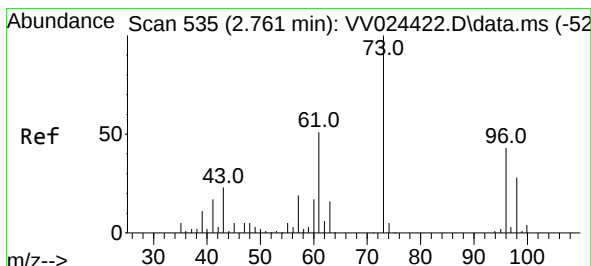
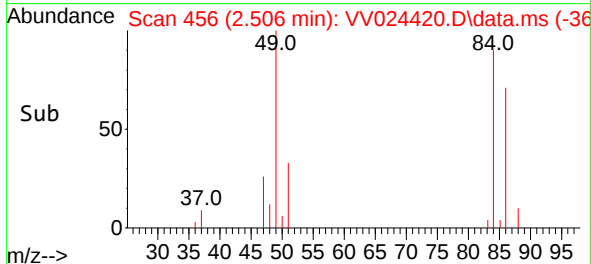
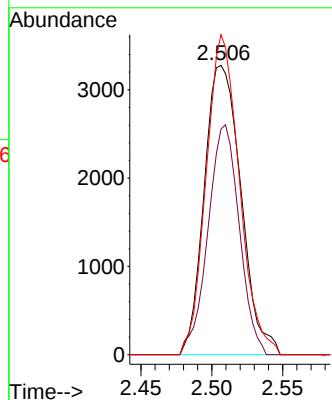
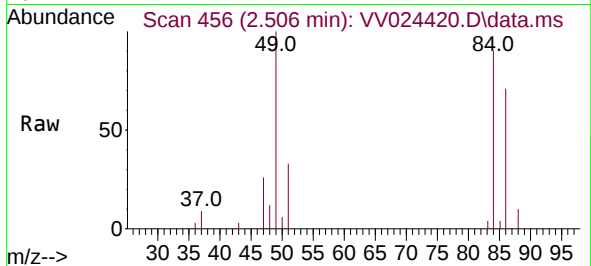




#16
Methylene chloride
Concen: 6.367 ug/L
RT: 2.506 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

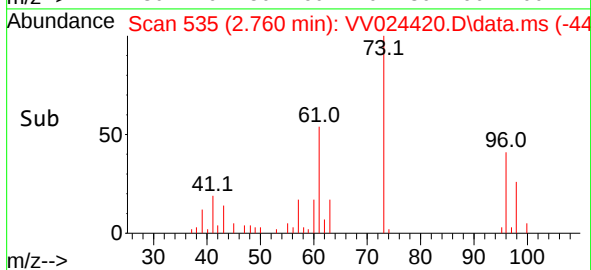
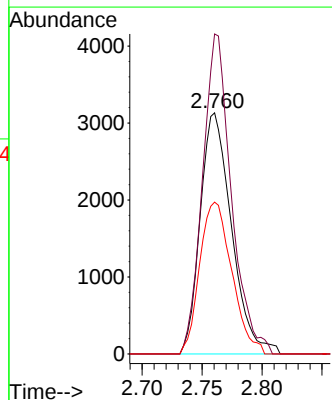
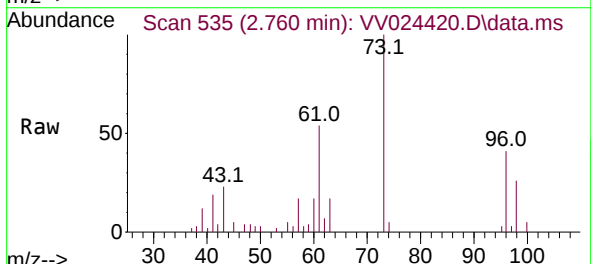
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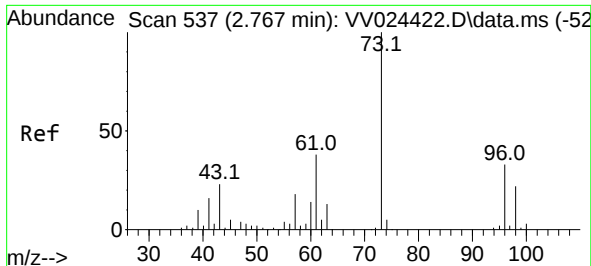
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Ion Ratio Lower Upper
84 100
86 78.0 47.0 87.4
49 110.6 68.5 127.3



#17
trans-1,2-Dichloroethene
Concen: 6.040 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion: 96 Resp: 5695
Ion Ratio Lower Upper
96 100
61 132.7 83.0 154.1
98 63.0 45.1 83.7

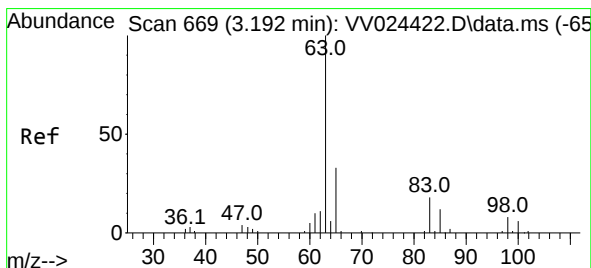
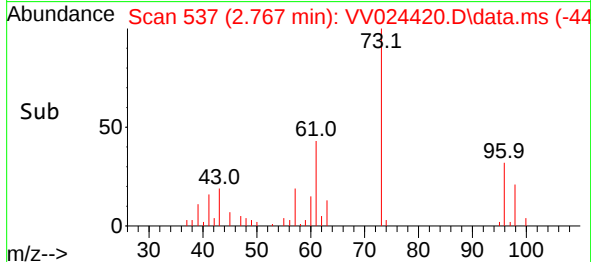
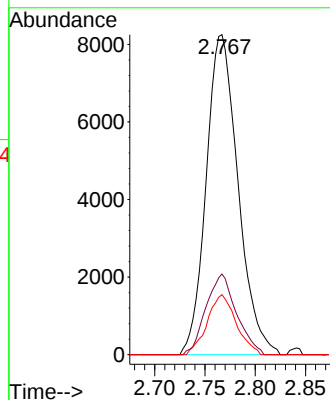
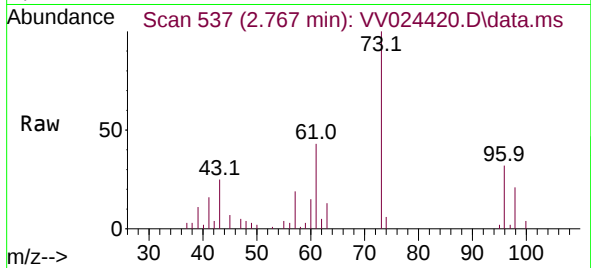




#18
Methyl tert-butyl Ether
Concen: 5.688 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

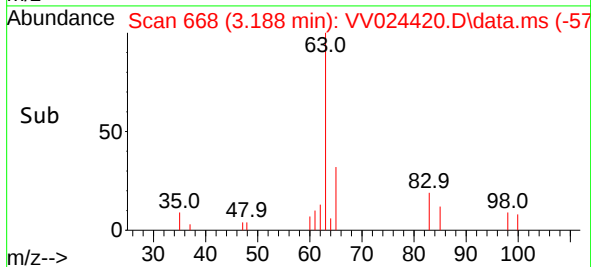
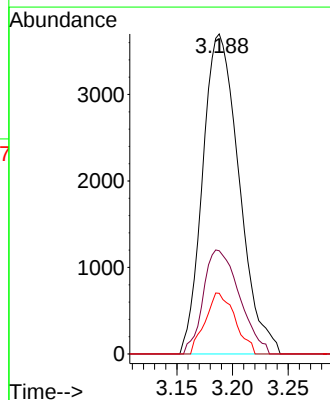
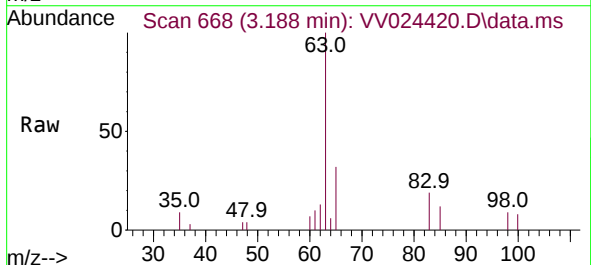
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

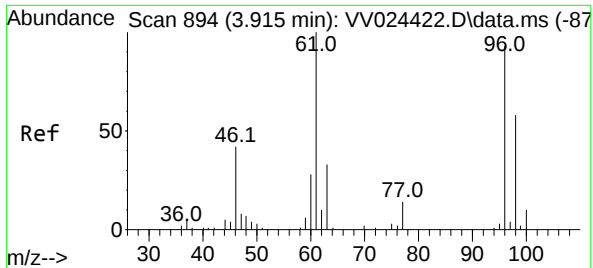
Tgt Ion: 73	Resp: 18197
Ion Ratio	Lower Upper
73 100	
43 24.1	18.3 27.5
57 17.0	14.2 21.2



#19
1,1-Dichloroethane
Concen: 5.654 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion: 63	Resp: 8406
Ion Ratio	Lower Upper
63 100	
65 32.3	22.7 42.3
83 19.0	12.7 23.7

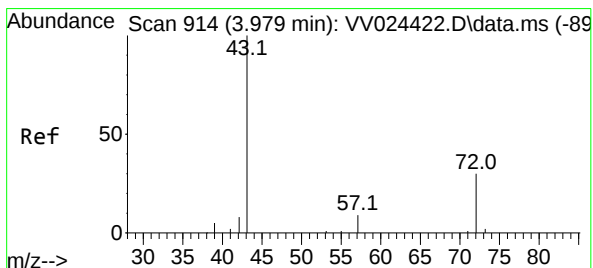
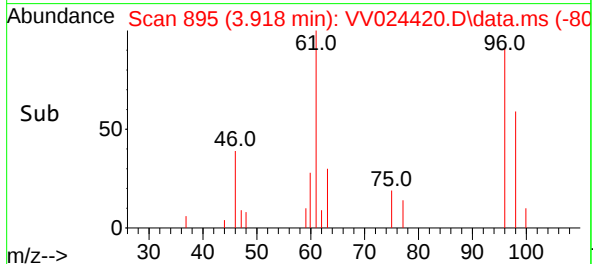
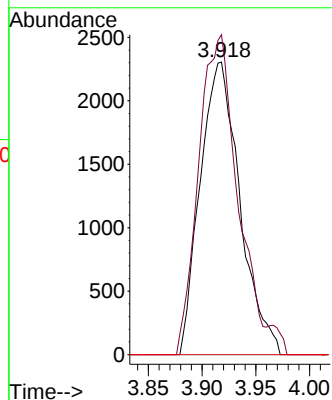
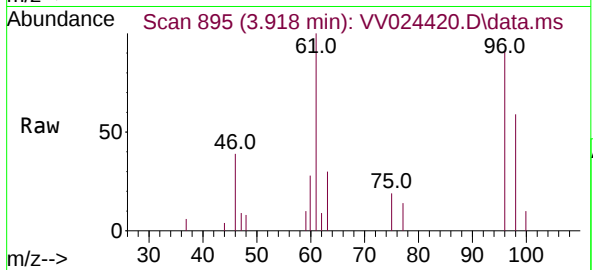




#20
 cis-1,2-Dichloroethene
 Concen: 5.494 ug/L
 RT: 3.918 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

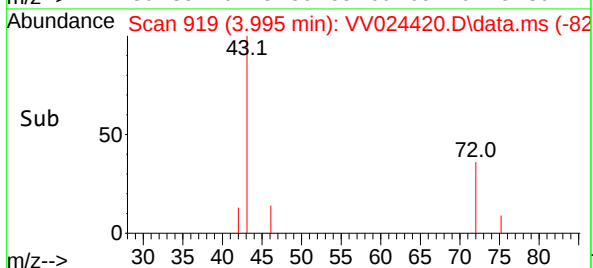
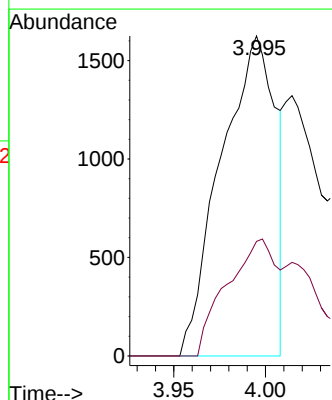
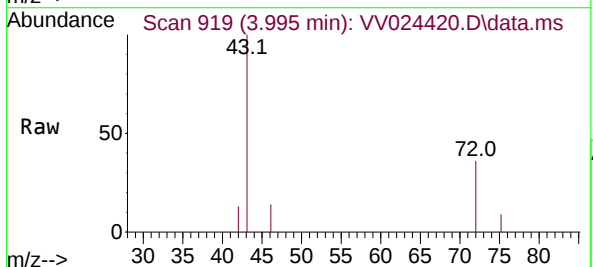
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

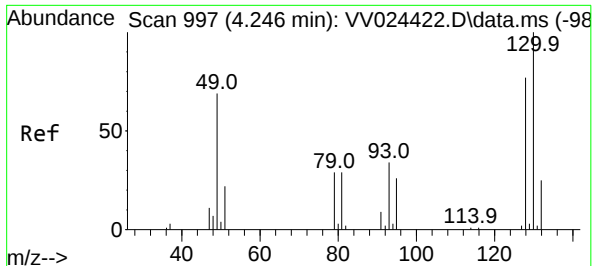
Tgt Ion: 96 Resp: 5922
 Ion Ratio Lower Upper
 96 100
 61 109.4 75.4 140.0
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 6.073 ug/L
 RT: 3.995 min Scan# 919
 Delta R.T. 0.016 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

Tgt Ion: 43 Resp: 3364
 Ion Ratio Lower Upper
 43 100
 72 33.1 7.9 23.7#

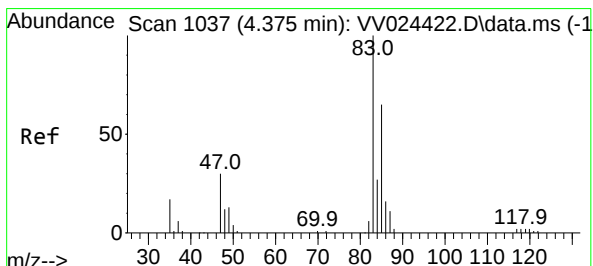
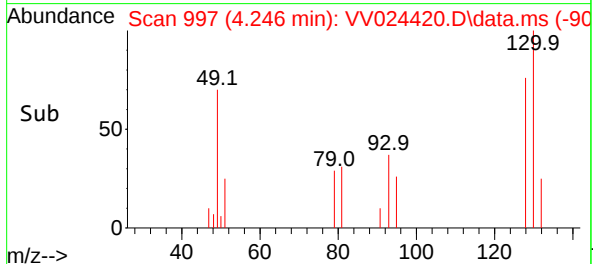
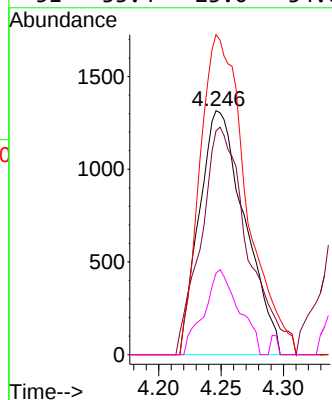
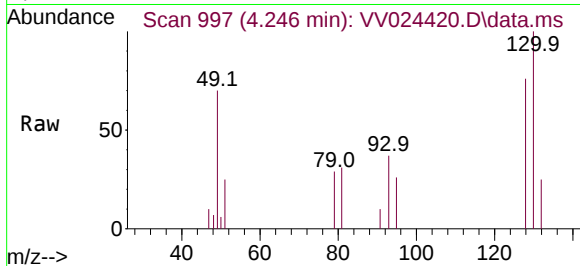




#23
Bromochloromethane
Concen: 5.347 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

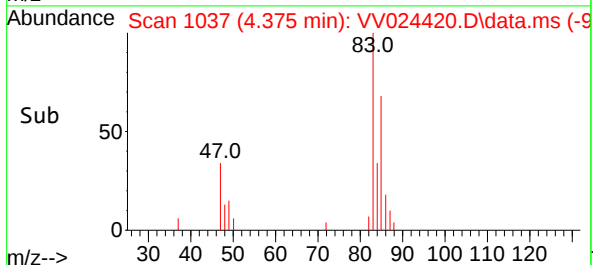
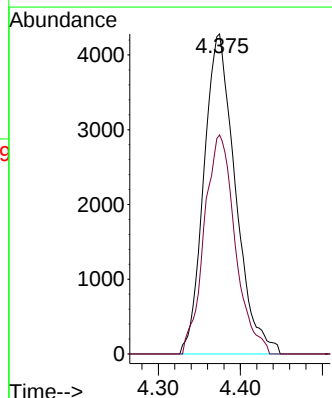
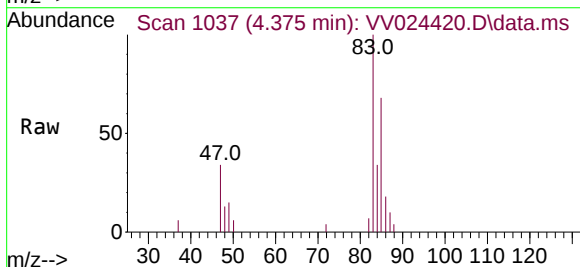
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

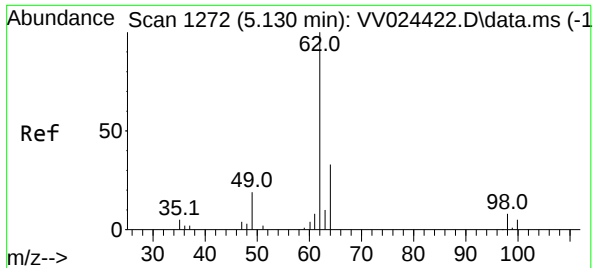
Tgt Ion:	128	Resp:	3335
Ion	Ratio	Lower	Upper
128	100		
49	91.7	62.4	115.8
130	131.2	91.0	169.0
51	33.4	23.0	34.6



#25
Chloroform
Concen: 5.656 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion:	83	Resp:	11405
Ion	Ratio	Lower	Upper
83	100		
85	68.5	45.1	83.9





#27

1,2-Dichloroethane

Concen: 5.331 ug/L

RT: 5.133 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

Instrument :

MSVOA_V

ClientSampleId :

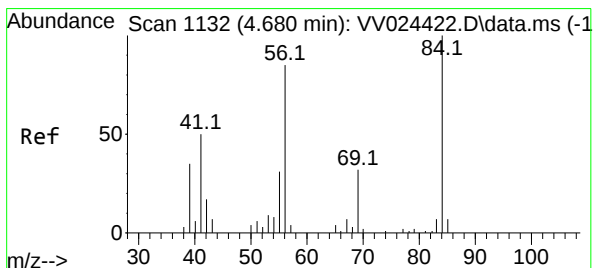
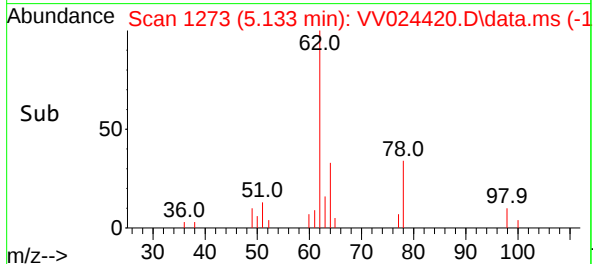
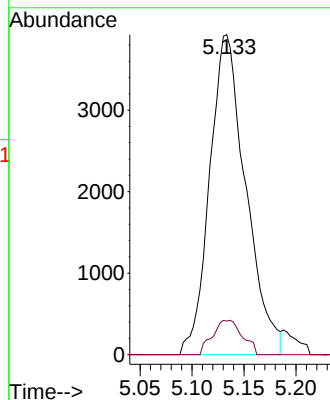
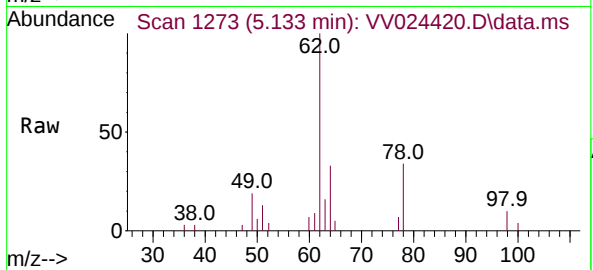
VSTD005275

Tgt Ion: 62 Resp: 9494

Ion Ratio Lower Upper

62 100

98 10.5 6.6 9.8#



#29

Cyclohexane

Concen: 5.805 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

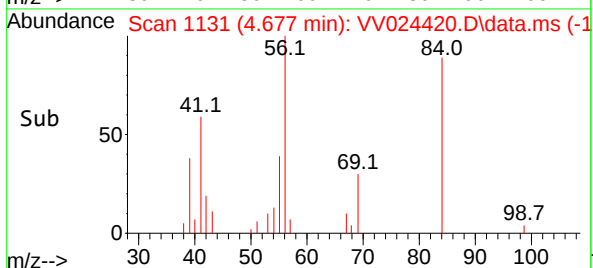
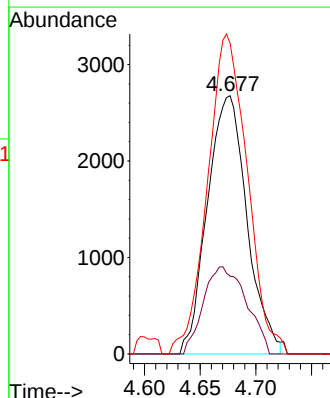
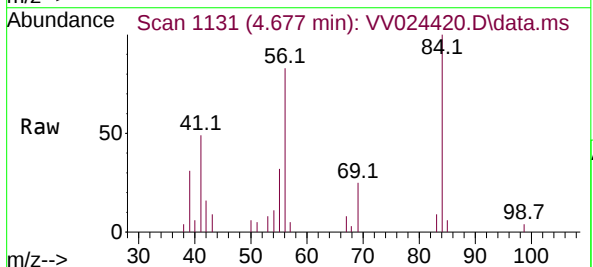
Tgt Ion: 56 Resp: 6610

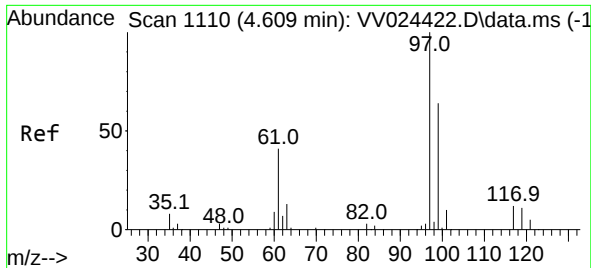
Ion Ratio Lower Upper

56 100

69 36.7 29.5 44.3

84 124.2 95.8 143.8

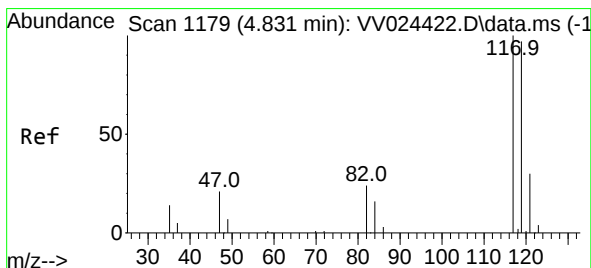
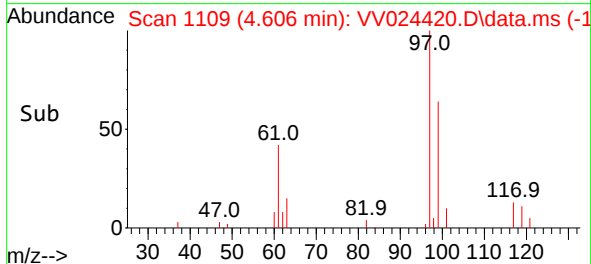
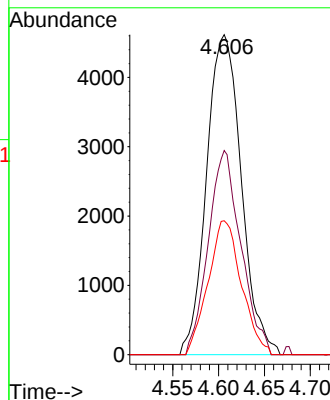
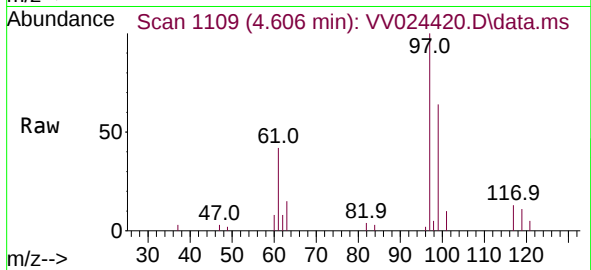




#30
1,1,1-Trichloroethane
Concen: 5.606 ug/L
RT: 4.606 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

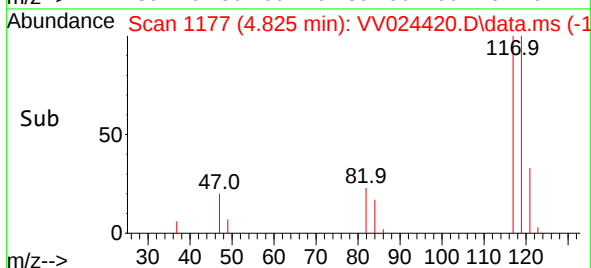
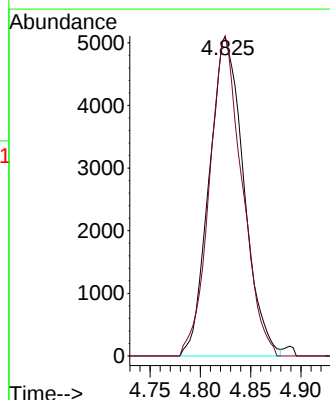
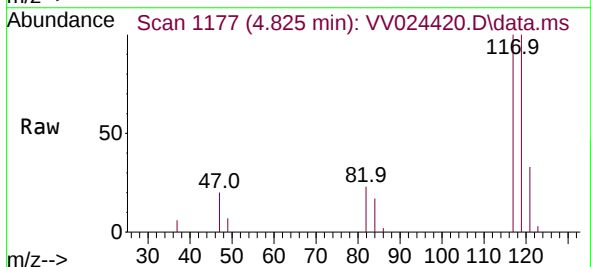
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

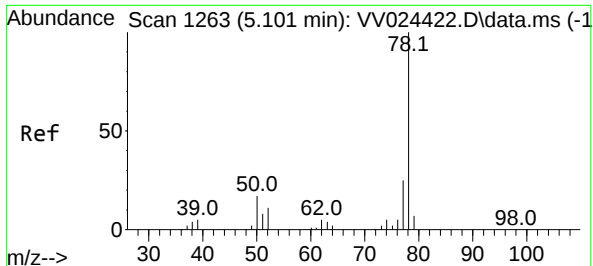
Tgt Ion: 97	Resp:	12161
Ion	Ratio	Lower Upper
97	100	
99	59.9	50.5 75.7
61	40.2	32.5 48.7



#31
Carbon tetrachloride
Concen: 5.723 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.007 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion: 117	Resp:	12158
Ion	Ratio	Lower Upper
117	100	
119	95.1	79.0 118.4

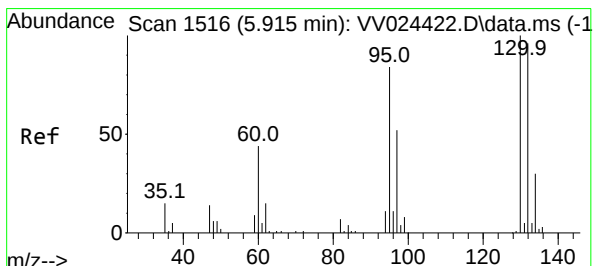
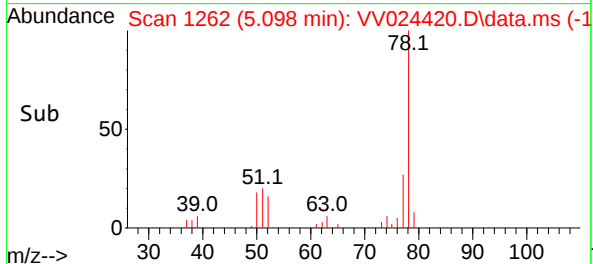
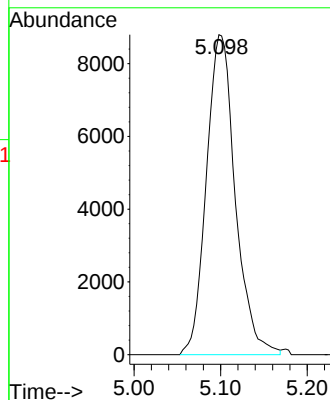
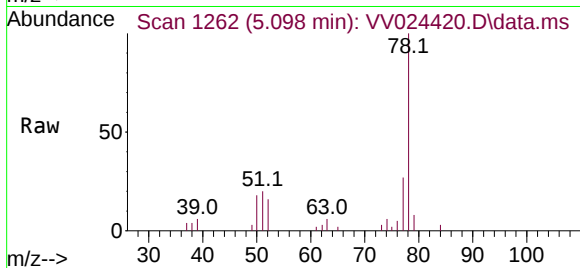




#33
Benzene
Concen: 5.690 ug/L
RT: 5.098 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

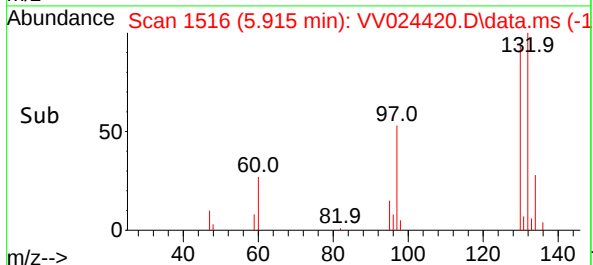
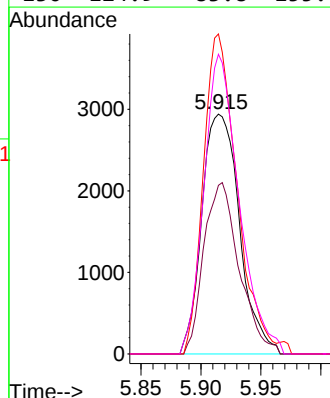
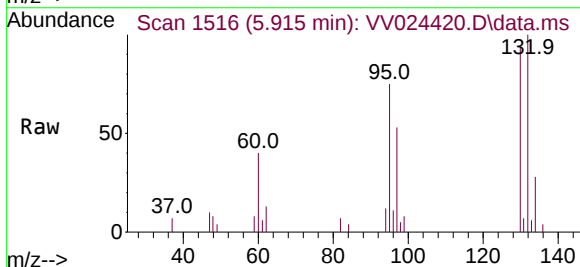
Tgt Ion: 78 Resp: 20407

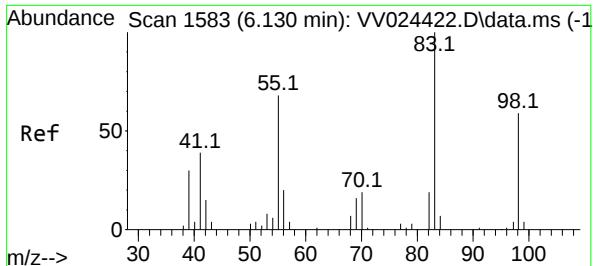


#34
Trichloroethene
Concen: 5.758 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion: 95 Resp: 6414

Ion	Ratio	Lower	Upper
95	100		
97	70.3	43.5	80.9
132	133.4	80.5	149.5
130	124.9	83.8	155.6





#35

Methylcyclohexane

Concen: 5.656 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.007 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

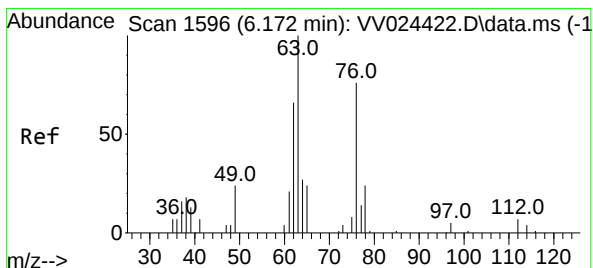
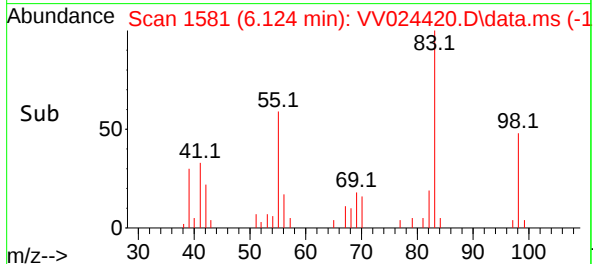
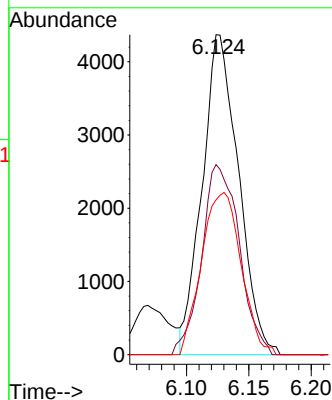
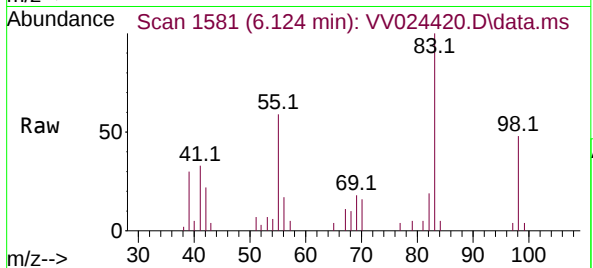
Tgt Ion: 83 Resp: 8870

Ion Ratio Lower Upper

83 100

55 61.3 53.0 79.4

98 55.0 46.2 69.2



#37

1,2-Dichloropropane

Concen: 5.607 ug/L

RT: 6.169 min Scan# 1595

Delta R.T. -0.003 min

Lab File: VV024420.D

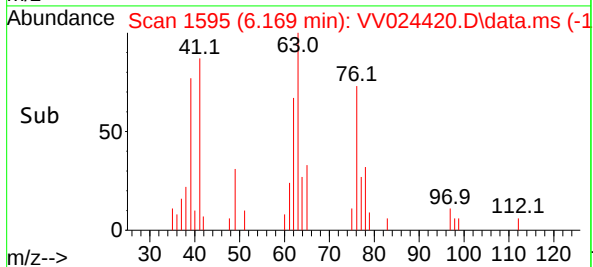
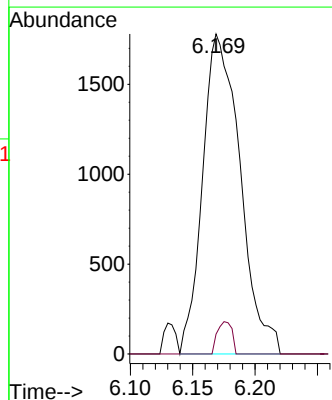
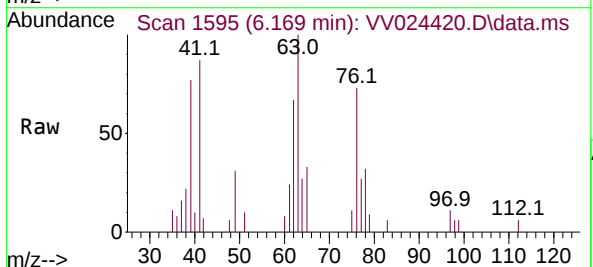
Acq: 21 Jan 2022 12:31

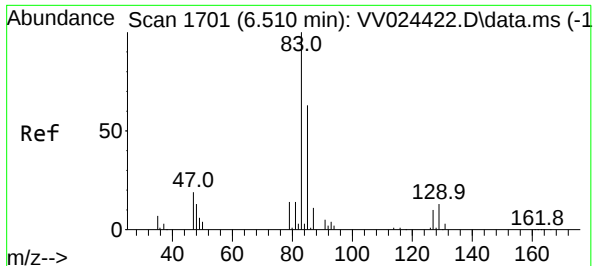
Tgt Ion: 63 Resp: 3724

Ion Ratio Lower Upper

63 100

112 3.9 5.7 8.5#

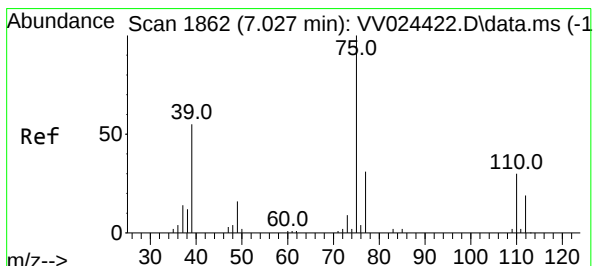
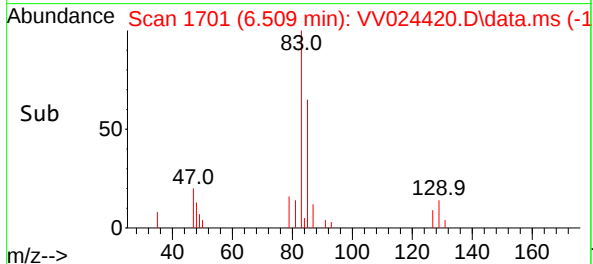
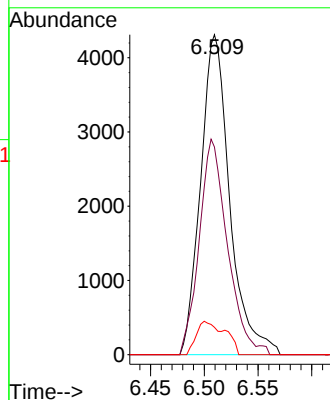
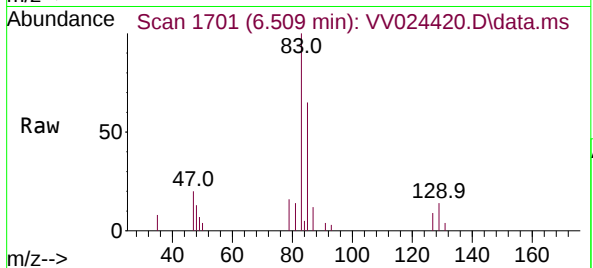




#38
Bromodichloromethane
Concen: 5.593 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

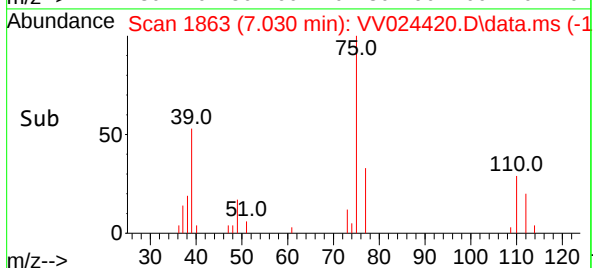
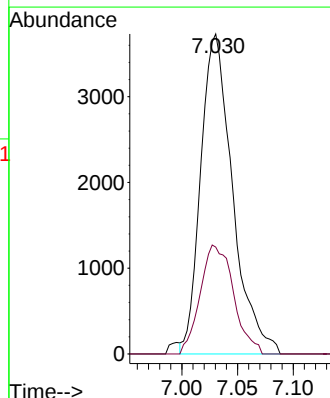
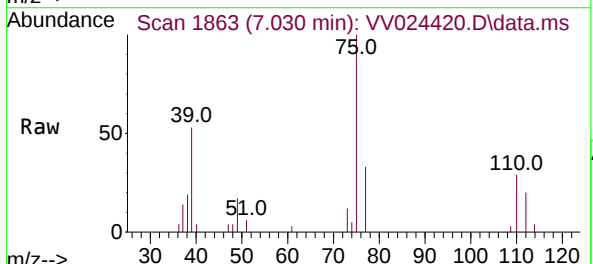
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

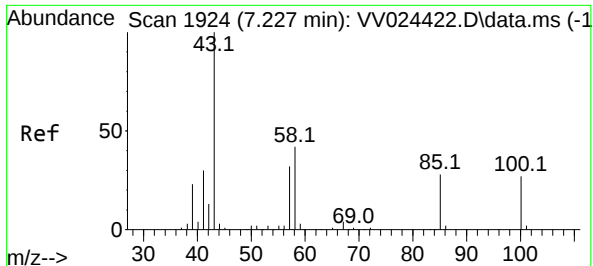
Tgt Ion:	83	Resp:	8137
Ion	Ratio	Lower	Upper
83	100		
85	64.9	44.4	82.5
127	8.6	7.9	11.9



#39
cis-1,3-Dichloropropene
Concen: 5.247 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion:	75	Resp:	7426
Ion	Ratio	Lower	Upper
75	100		
77	33.4	22.2	41.2





#40

4-Methyl-2-pentanone

Concen: 10.842 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

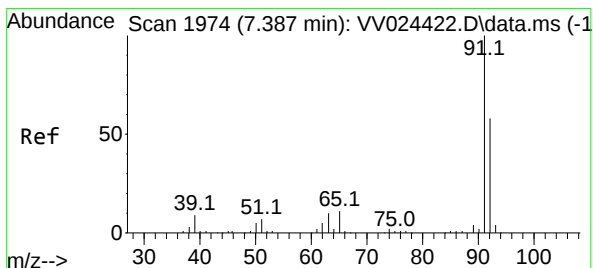
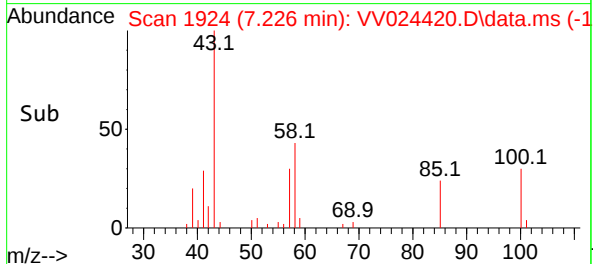
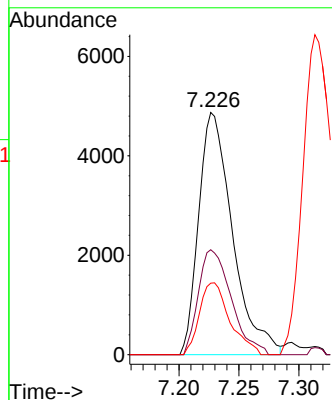
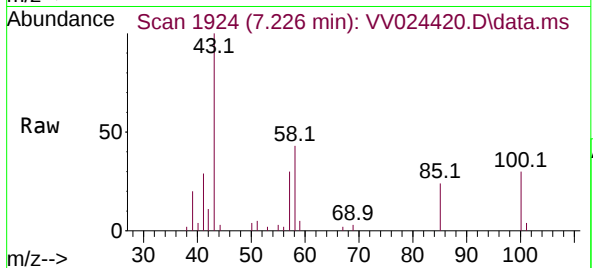
Tgt Ion: 43 Resp: 9569

Ion Ratio Lower Upper

43 100

58 42.1 33.7 50.5

100 26.7 21.3 31.9



#42

Toluene

Concen: 5.729 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024420.D

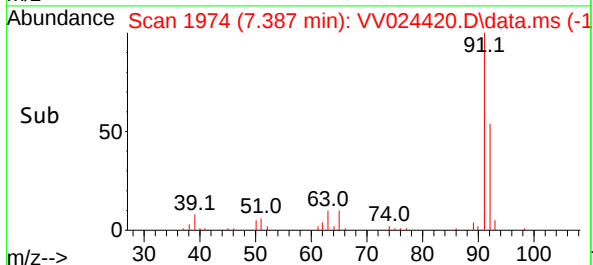
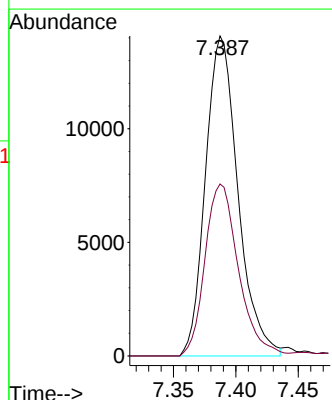
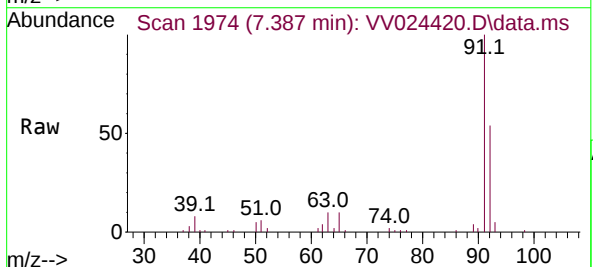
Acq: 21 Jan 2022 12:31

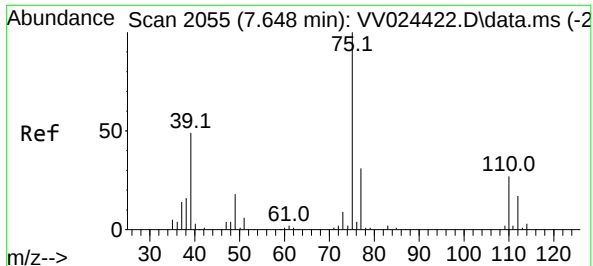
Tgt Ion: 91 Resp: 25517

Ion Ratio Lower Upper

91 100

92 53.7 40.6 75.4

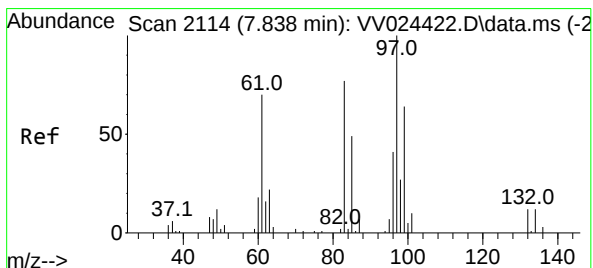
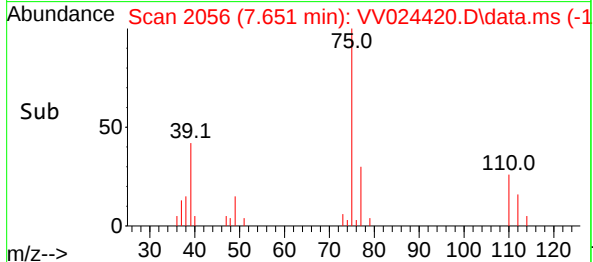
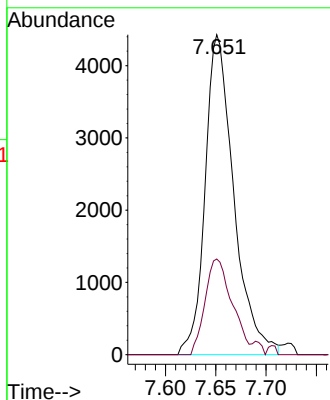
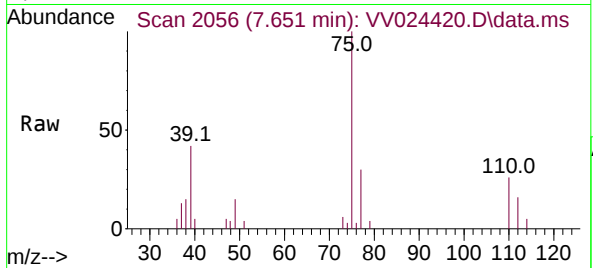




#44
trans-1,3-Dichloropropene
Concen: 5.527 ug/L
RT: 7.651 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

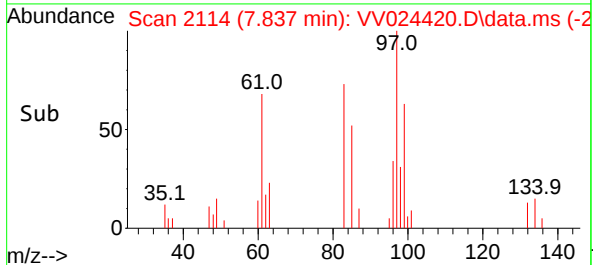
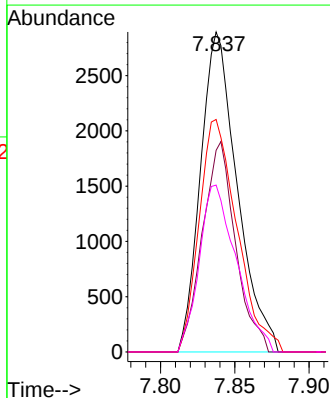
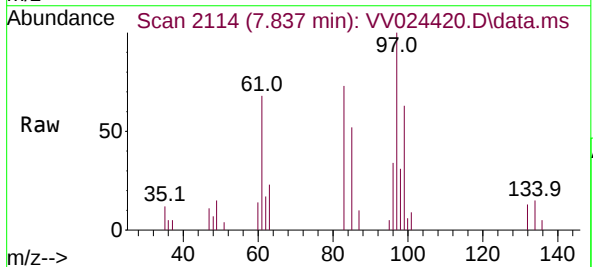
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

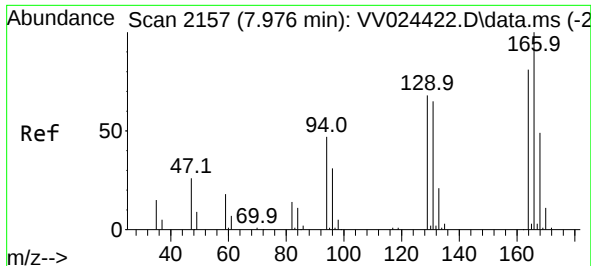
Tgt Ion: 75 Resp: 8777
Ion Ratio Lower Upper
75 100
77 29.9 21.5 39.9



#45
1,1,2-Trichloroethane
Concen: 5.540 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion: 97 Resp: 4972
Ion Ratio Lower Upper
97 100
99 63.0 44.8 83.2
83 72.6 53.5 99.5
85 52.2 33.9 63.0



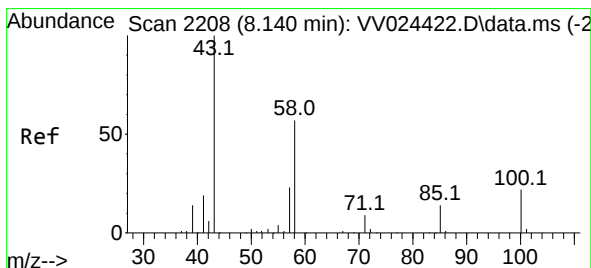
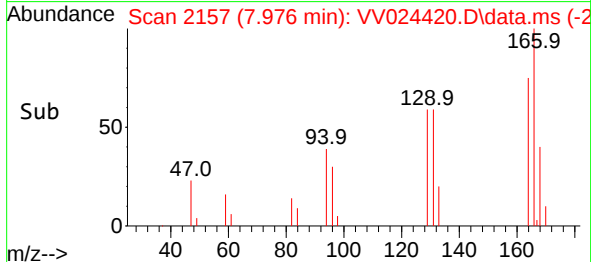
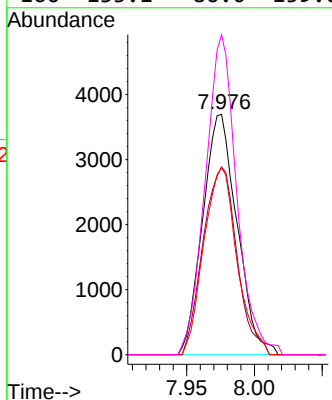
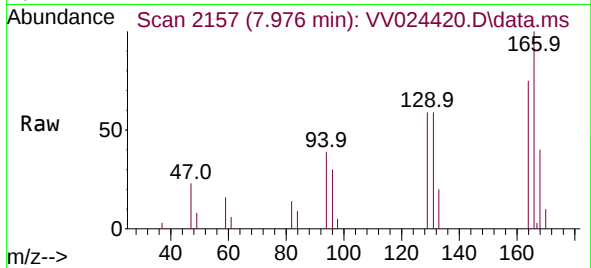


#46
Tetrachloroethene
Concen: 5.775 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

Tgt Ion:164 Resp: 6515

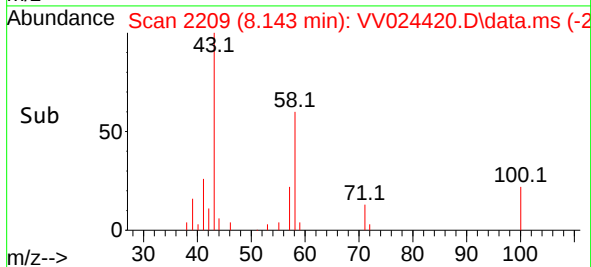
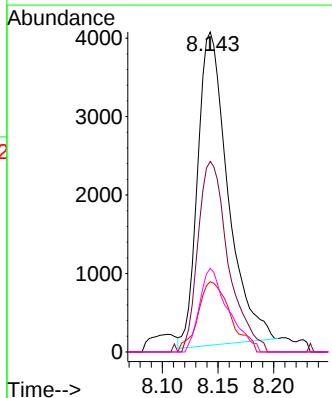
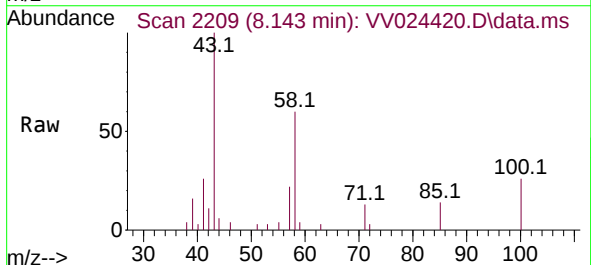
Ion	Ratio	Lower	Upper
164	100		
129	78.1	58.4	108.6
131	77.9	56.1	104.1
166	133.1	86.0	159.6

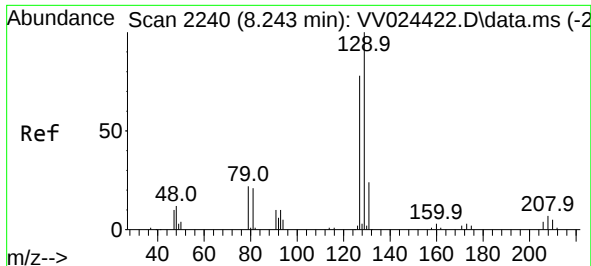


#48
2-Hexanone
Concen: 10.709 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion: 43 Resp: 7531

Ion	Ratio	Lower	Upper
43	100		
58	61.1	46.2	69.4
57	24.2	19.3	28.9
100	25.6	16.9	25.3





#49

Dibromochloromethane

Concen: 5.088 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

Instrument :

MSVOA_V

ClientSampleId :

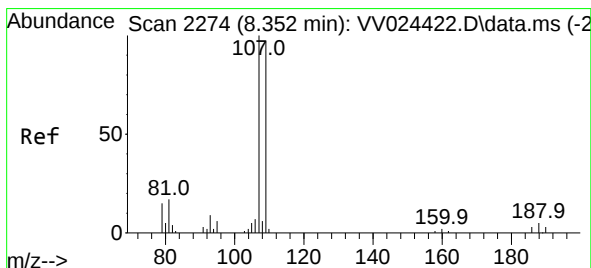
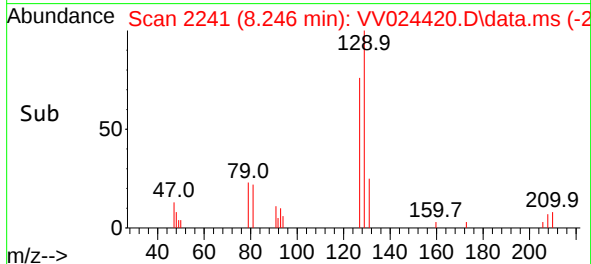
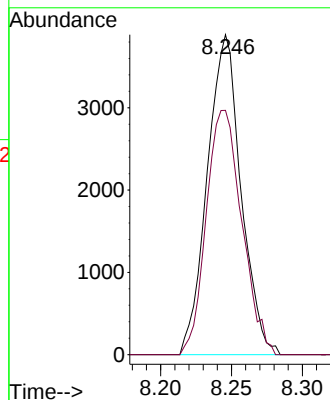
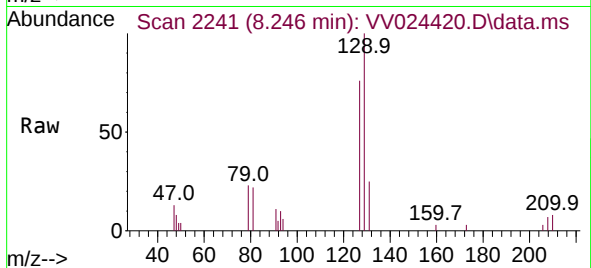
VSTD005275

Tgt Ion:129 Resp: 6442

Ion Ratio Lower Upper

129 100

127 76.4 54.9 102.1



#50

1,2-Dibromoethane

Concen: 5.485 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

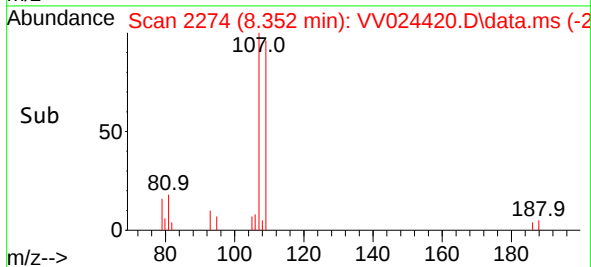
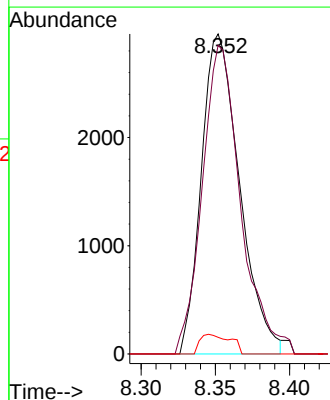
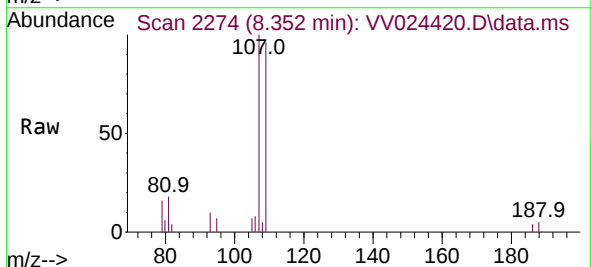
Tgt Ion:107 Resp: 5291

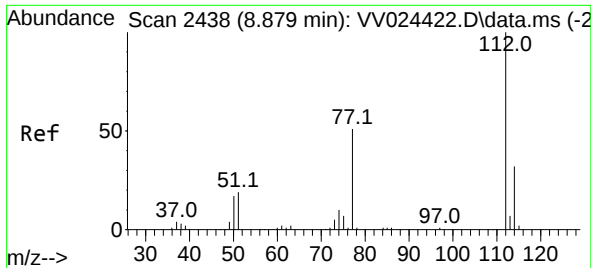
Ion Ratio Lower Upper

107 100

109 96.4 67.5 125.4

188 5.2 3.9 5.9

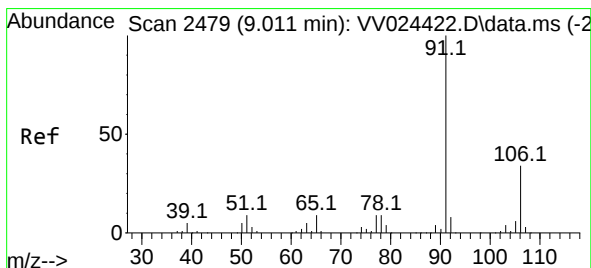
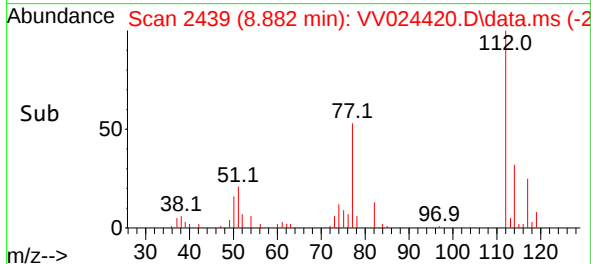
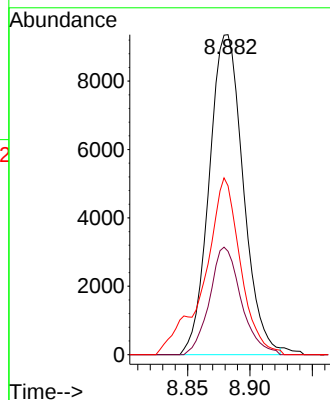
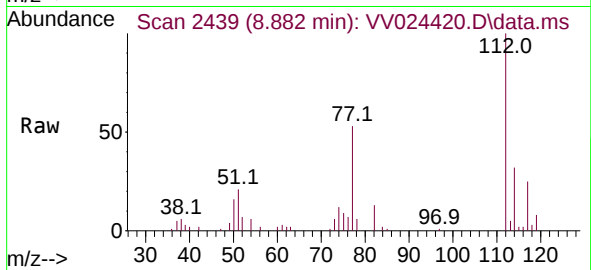




#51
Chlorobenzene
Concen: 5.801 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

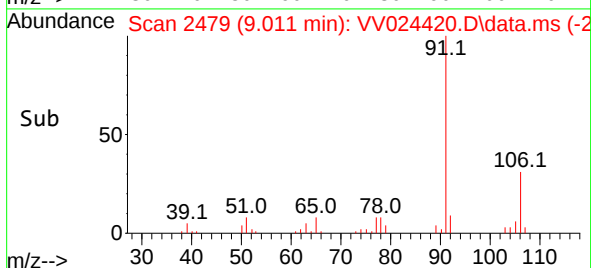
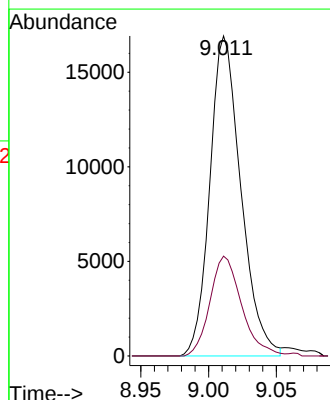
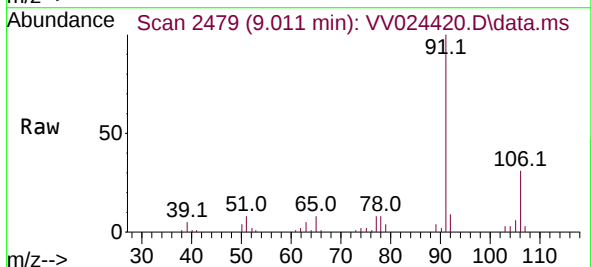
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

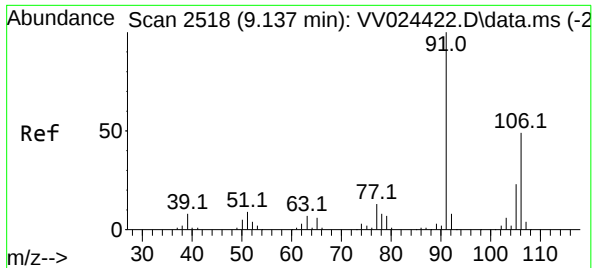
Tgt Ion:112 Resp: 17767
Ion Ratio Lower Upper
112 100
114 32.3 22.0 41.0
77 52.7 42.0 63.0



#52
Ethylbenzene
Concen: 5.578 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion: 91 Resp: 26957
Ion Ratio Lower Upper
91 100
106 31.2 23.8 44.2

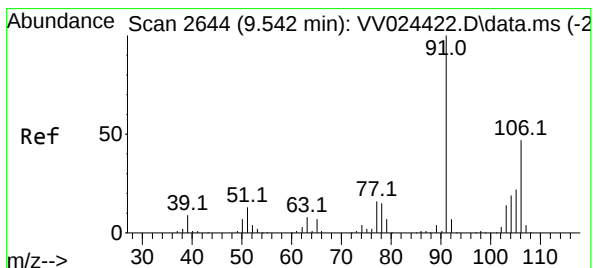
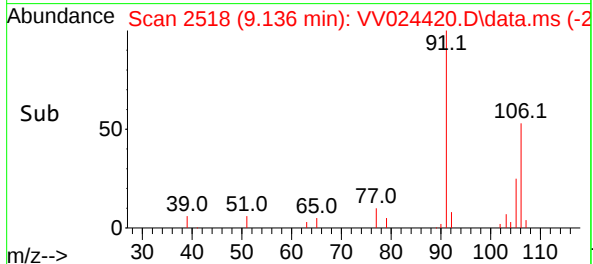
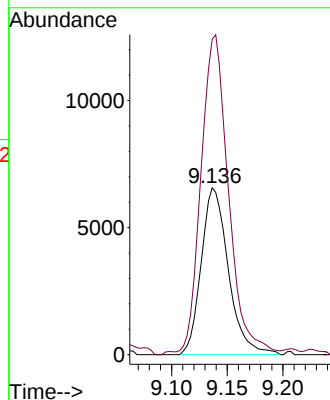
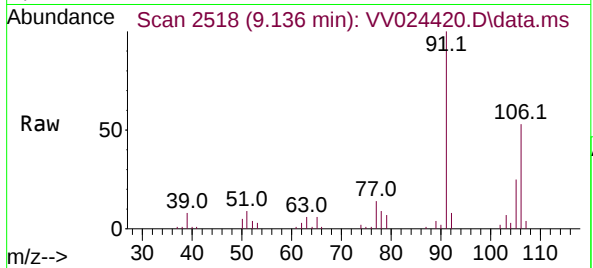




#53
m,p-Xylene
Concen: 5.490 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

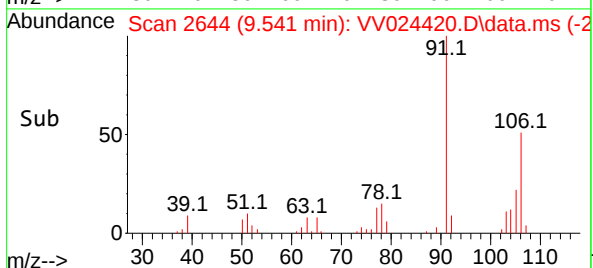
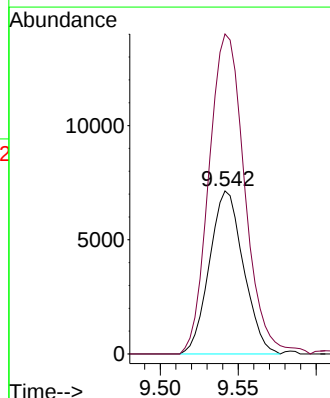
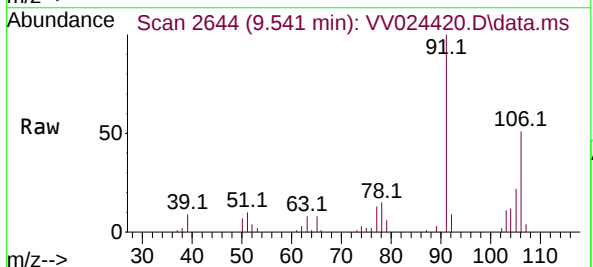
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

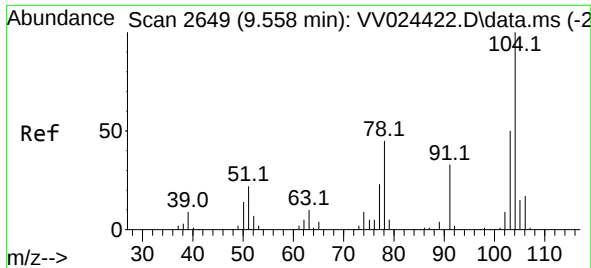
Tgt Ion:106 Resp: 11152
Ion Ratio Lower Upper
106 100
91 189.2 142.0 263.8



#54
o-Xylene
Concen: 5.528 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion:106 Resp: 10820
Ion Ratio Lower Upper
106 100
91 196.2 148.1 275.1

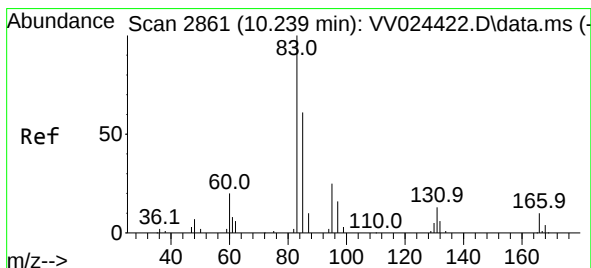
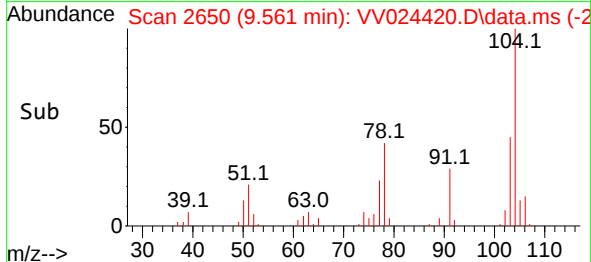
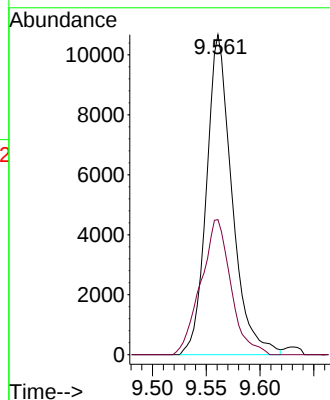
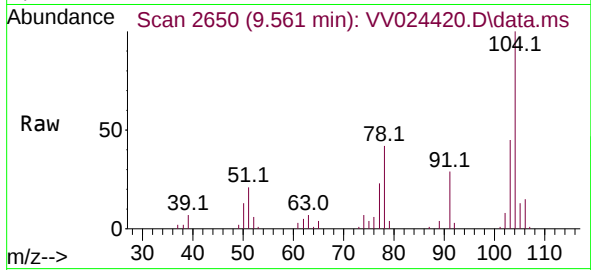




#55
Styrene
Concen: 5.281 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

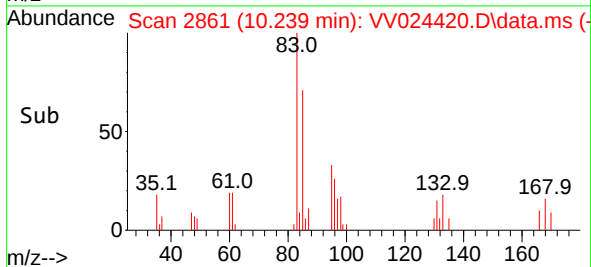
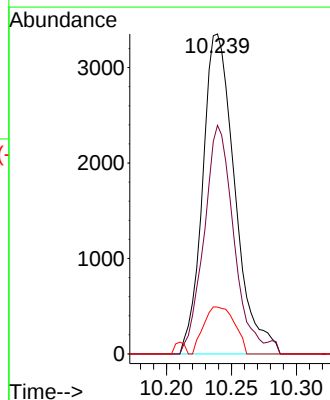
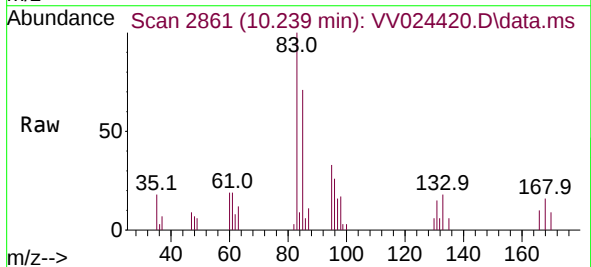
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

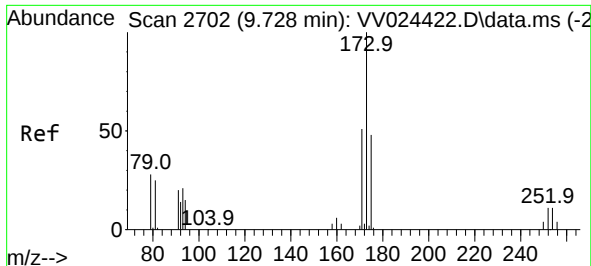
Tgt Ion:104 Resp: 17603
Ion Ratio Lower Upper
104 100
78 42.2 31.6 58.8



#57
1,1,2,2-Tetrachloroethane
Concen: 5.189 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion: 83 Resp: 5773
Ion Ratio Lower Upper
83 100
85 71.4 44.2 82.0
131 14.6 11.9 17.9





#59

Bromoform

Concen: 5.626 ug/L

RT: 9.731 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

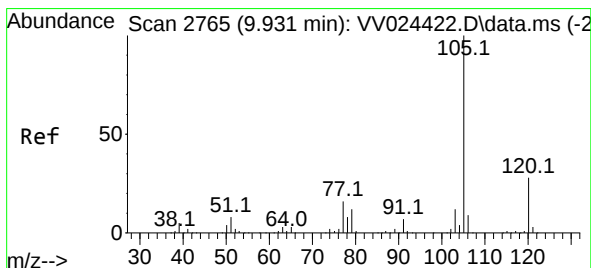
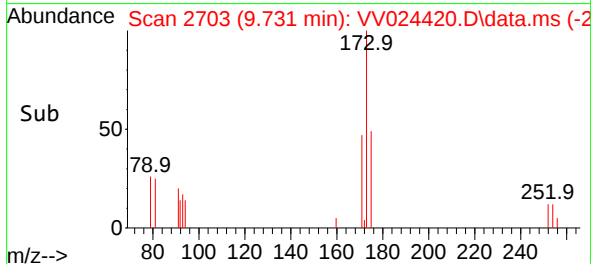
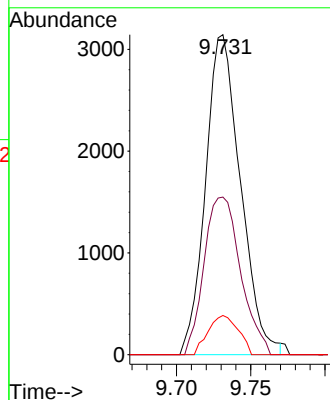
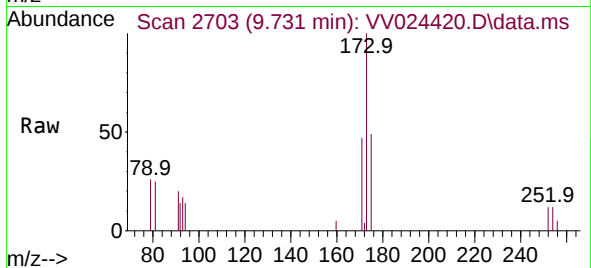
Tgt Ion:173 Resp: 5146

Ion Ratio Lower Upper

173 100

175 51.6 39.4 59.2

254 10.6 9.0 13.6



#60

Isopropylbenzene

Concen: 5.794 ug/L

RT: 9.931 min Scan# 2765

Delta R.T. -0.000 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

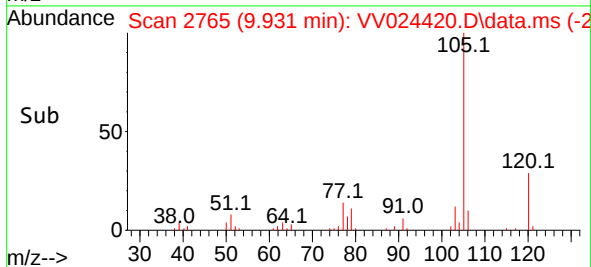
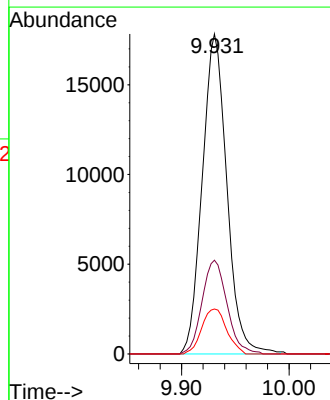
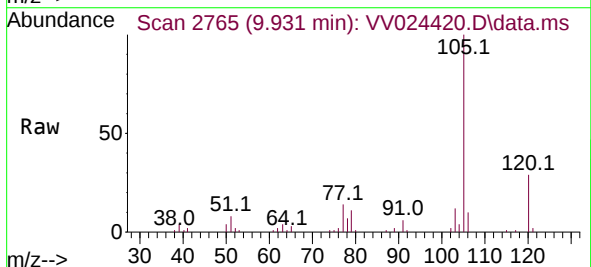
Tgt Ion:105 Resp: 28328

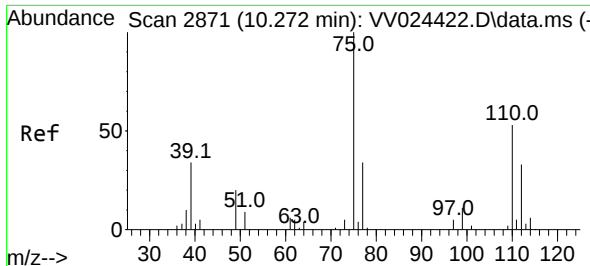
Ion Ratio Lower Upper

105 100

120 29.7 22.1 33.1

77 14.3 12.5 18.7

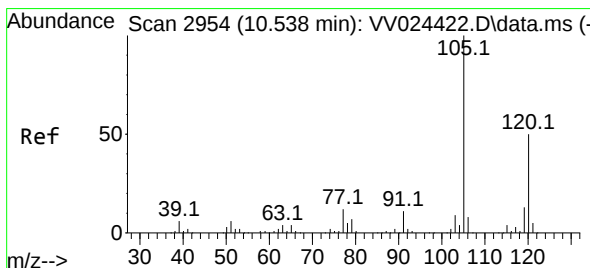
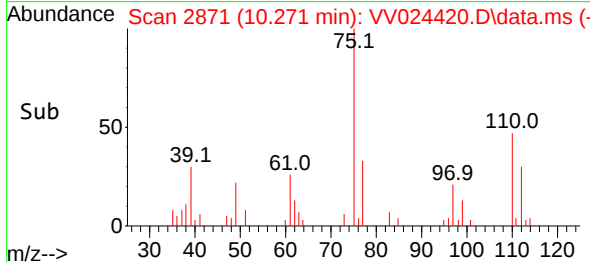
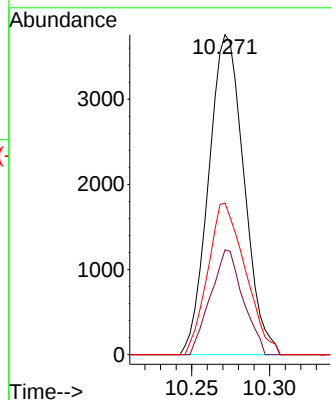
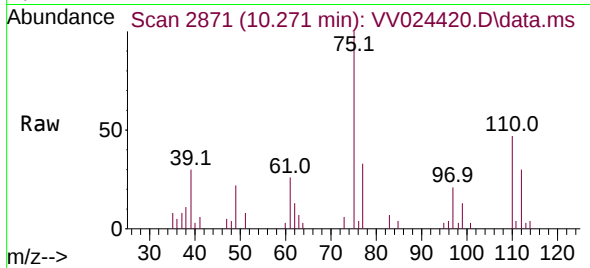




#61
 1,2,3-Trichloropropane
 Concen: 5.930 ug/L
 RT: 10.271 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

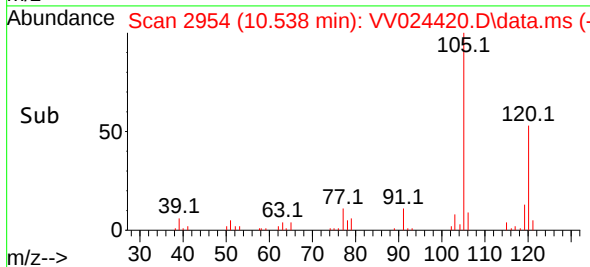
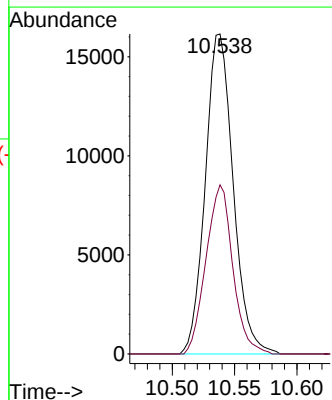
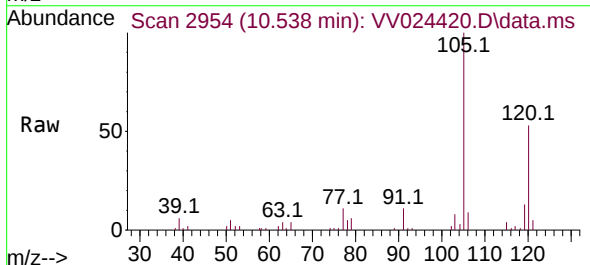
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

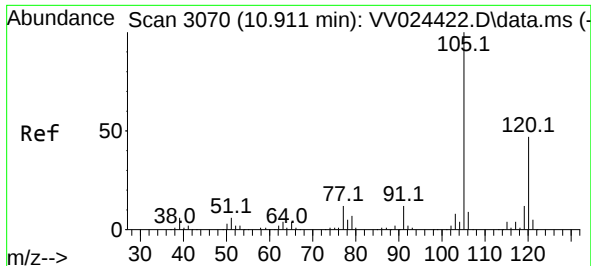
Tgt Ion: 75 Resp: 5930
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.6 39.8
 110 50.3 43.0 64.6



#62
 1,3,5-Trimethylbenzene
 Concen: 5.512 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

Tgt Ion: 105 Resp: 25172
 Ion Ratio Lower Upper
 105 100
 120 50.7 40.5 60.7

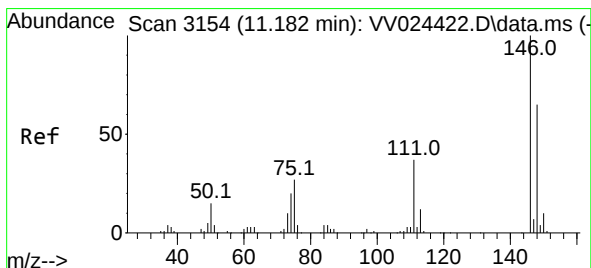
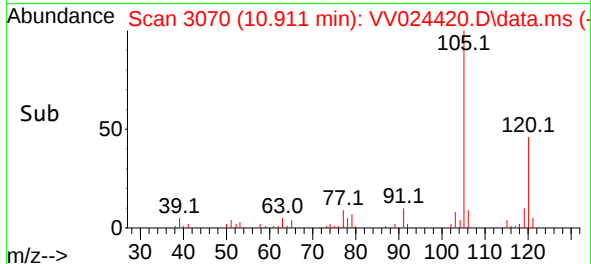
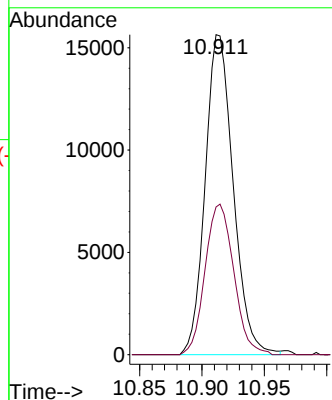
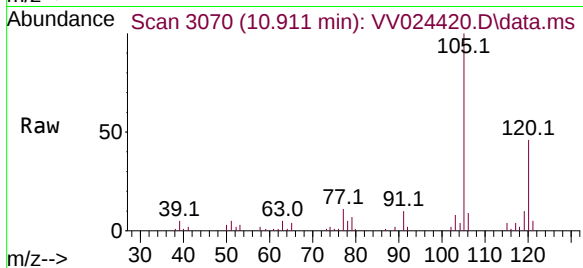




#63
1,2,4-Trimethylbenzene
Concen: 5.380 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

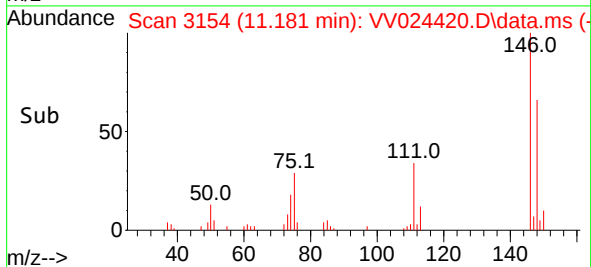
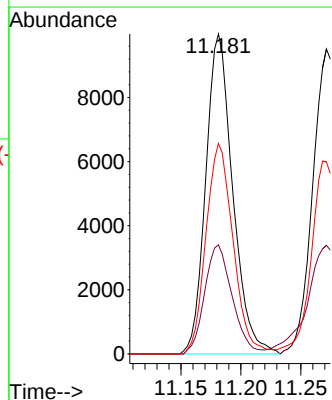
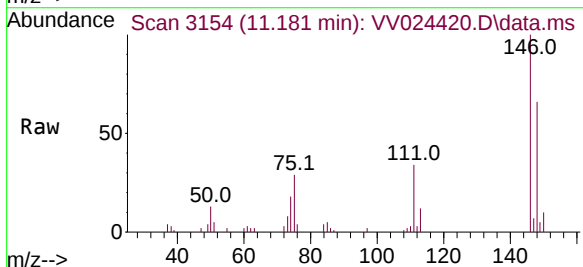
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

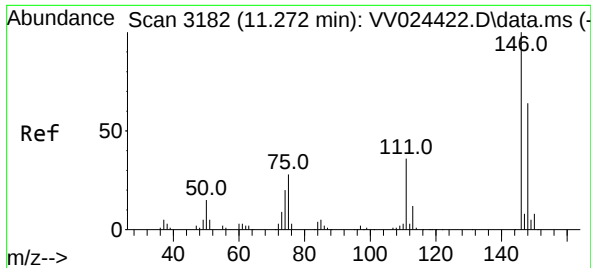
Tgt Ion:105 Resp: 24483
Ion Ratio Lower Upper
105 100
120 48.1 37.3 55.9



#64
1,3-Dichlorobenzene
Concen: 5.667 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion:146 Resp: 15592
Ion Ratio Lower Upper
146 100
111 34.1 25.7 47.7
148 65.8 45.4 84.2

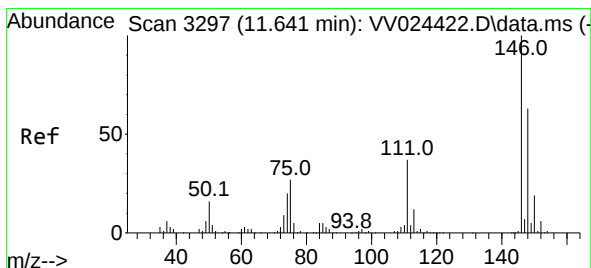
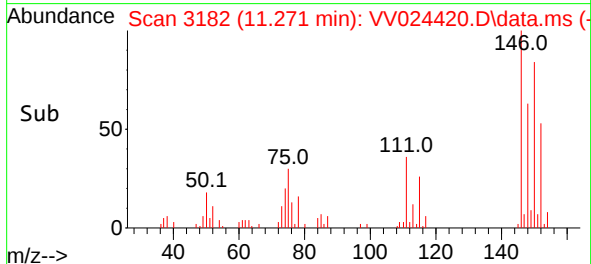
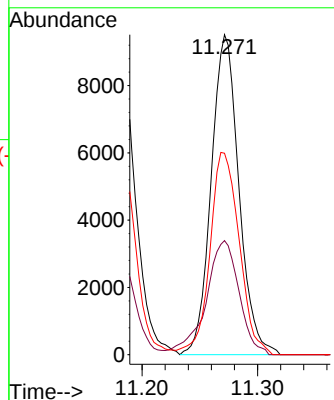
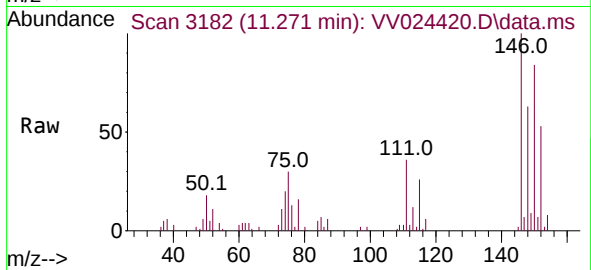




#65
1,4-Dichlorobenzene
Concen: 5.755 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

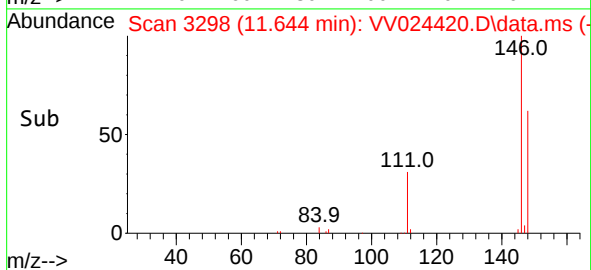
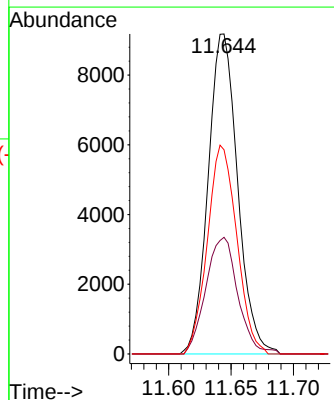
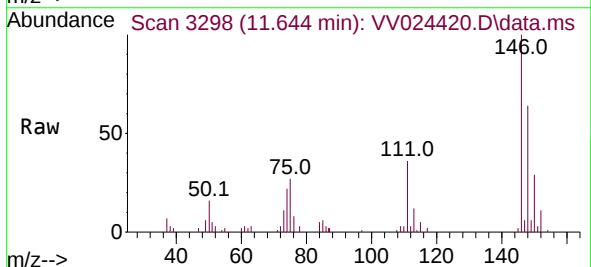
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

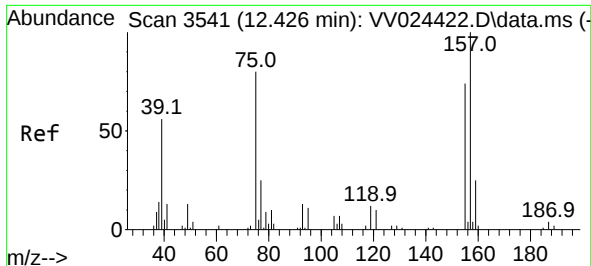
Tgt Ion:146 Resp: 15870
Ion Ratio Lower Upper
146 100
111 35.6 25.2 46.8
148 62.9 45.1 83.9



#67
1,2-Dichlorobenzene
Concen: 5.674 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion:146 Resp: 15135
Ion Ratio Lower Upper
146 100
111 36.5 30.2 45.2
148 63.8 50.6 76.0





#68

1,2-Dibromo-3-chloropropane

Concen: 5.051 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

Instrument :

MSVOA_V

ClientSampleId :

VSTD005275

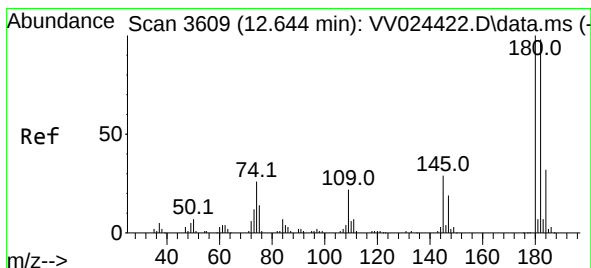
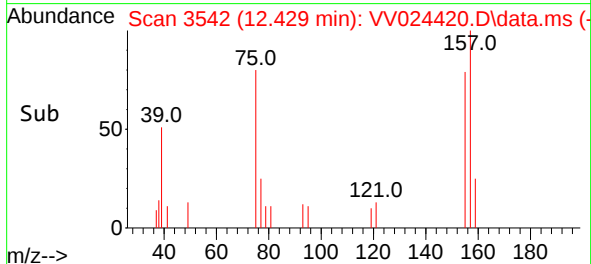
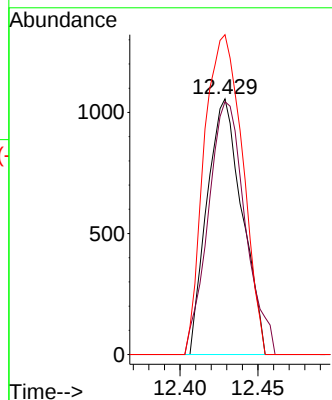
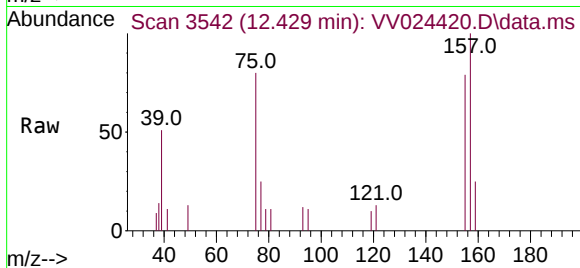
Tgt Ion: 75 Resp: 1650

Ion Ratio Lower Upper

75 100

155 98.9 73.6 110.4

157 125.1 99.8 149.8



#69

1,3,5-Trichlorobenzene

Concen: 5.510 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV024420.D

Acq: 21 Jan 2022 12:31

Tgt Ion:180 Resp: 12195

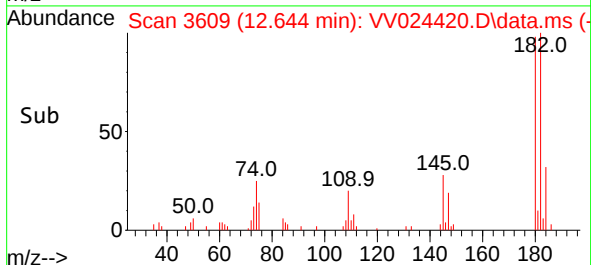
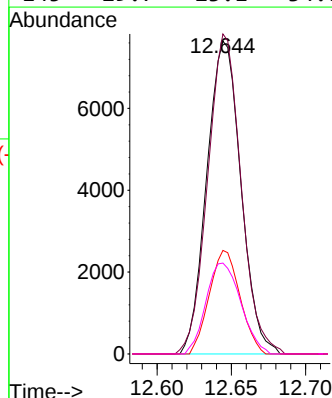
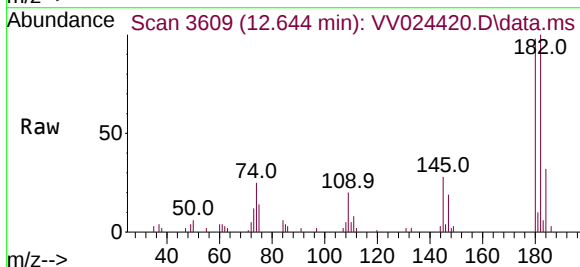
Ion Ratio Lower Upper

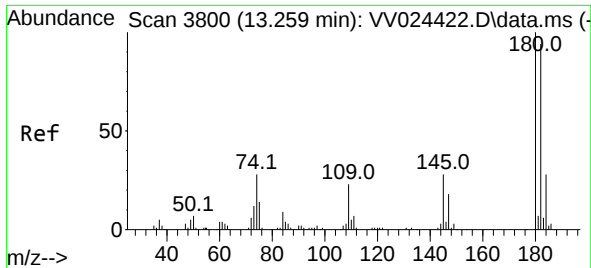
180 100

182 99.6 78.0 117.0

184 29.8 25.1 37.7

145 29.7 23.1 34.7

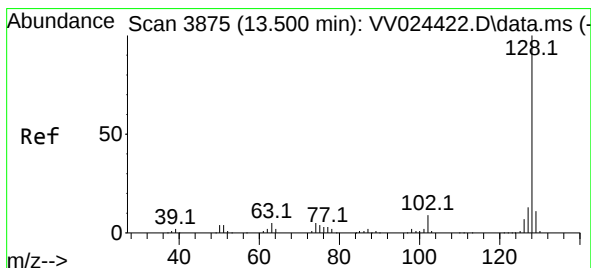
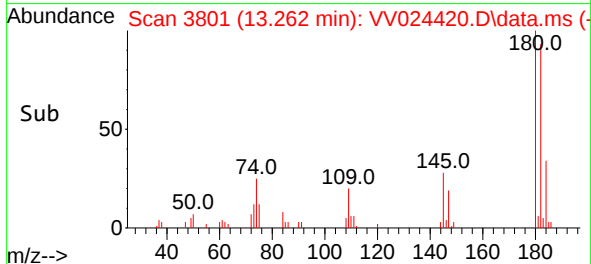
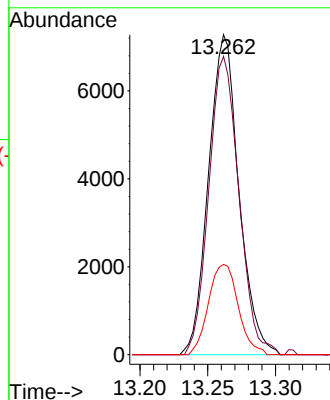
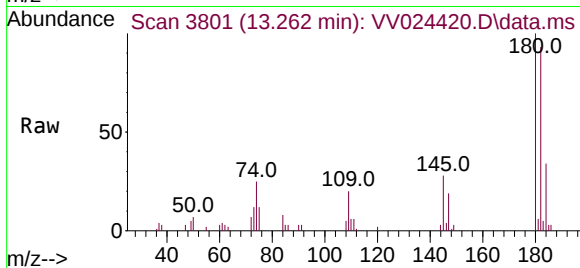




#70
1,2,4-trichlorobenzene
Concen: 5.774 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

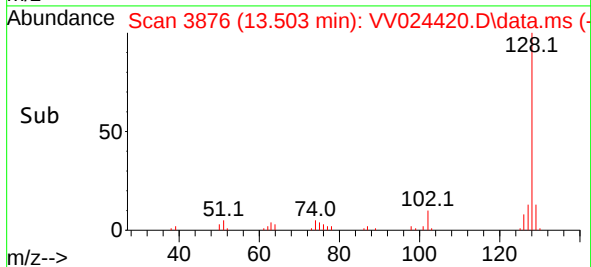
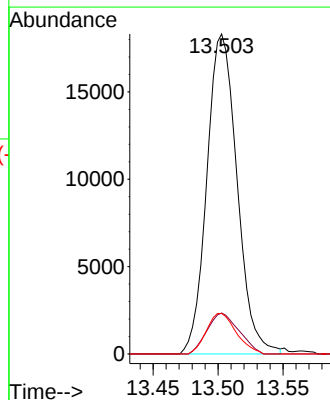
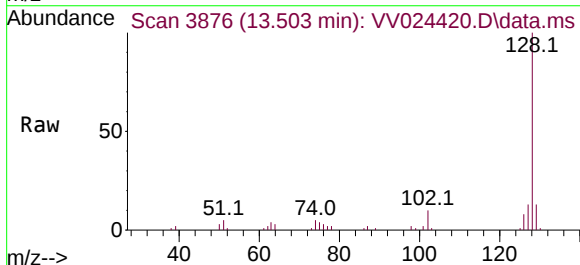
Instrument :
MSVOA_V
ClientSampleId :
VSTD005275

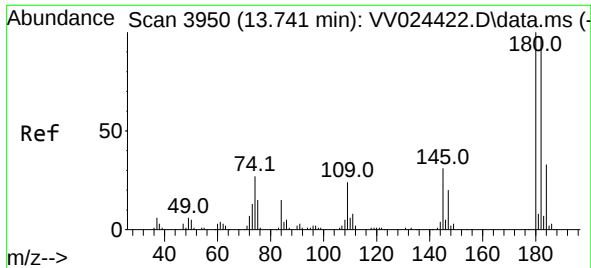
Tgt Ion:180 Resp: 11343
Ion Ratio Lower Upper
180 100
182 92.4 75.8 113.8
145 27.6 22.8 34.2



#71
Naphthalene
Concen: 5.876 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV024420.D
Acq: 21 Jan 2022 12:31

Tgt Ion:128 Resp: 29647
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 12.5 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 5.716 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.003 min
 Lab File: VV024420.D
 Acq: 21 Jan 2022 12:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.1	117.1
145	29.0	25.0	37.6

