

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024422.D
 Acq On : 21 Jan 2022 13:20
 Operator : SY/MD
 Sample : VSTD05077
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050277

Quant Time: Jan 24 02:14:29 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	5.616	114	147062	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	134129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80695	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	44921	46.447	ug/L	0.00
7) Chloroethane-d5	1.571	69	25635	46.056	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	73834	47.672	ug/L	0.00
21) 2-Butanone-d5	3.892	46	47353	107.948	ug/L	0.00
24) Chloroform-d	4.349	84	100802	51.487	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	72882	50.472	ug/L	0.00
32) Benzene-d6	5.050	84	173537	53.880	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	40310	56.086	ug/L	0.00
41) Toluene-d8	7.314	98	178795	53.202	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	28219	51.428	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	33911	109.580	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55164	52.111	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	82286	49.726	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	69039	41.849	ug/L	100
3) Chloromethane	1.243	50	43258	43.281	ug/L	100
5) Vinyl chloride	1.314	62	50771	43.575	ug/L	100
6) Bromomethane	1.526	94	27758	43.849	ug/L	100
8) Chloroethane	1.587	64	21084	41.914	ug/L	100
9) Trichlorofluoromethane	1.757	101	96701	43.176	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	36136	45.191	ug/L	100
12) 1,1-Dichloroethene	2.121	96	34447	44.252	ug/L	100
13) Acetone	2.195	43	53957	99.266	ug/L	100
14) Carbon disulfide	2.298	76	120893	54.106	ug/L	100
15) Methyl Acetate	2.439	43	33138	57.365	ug/L	100
16) Methylene chloride	2.510	84	45197	50.563	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	46171	50.802	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	154591	50.130	ug/L	100
19) 1,1-Dichloroethane	3.192	63	70692	49.326	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	49867	47.996	ug/L	100
22) 2-Butanone	3.979	43	50038	93.714	ug/L	100
23) Bromochloromethane	4.246	128	28948	48.153	ug/L	100
25) Chloroform	4.375	83	91030	46.837	ug/L	100
27) 1,2-Dichloroethane	5.130	62	78986	46.008	ug/L	100
29) Cyclohexane	4.680	56	54545	50.394	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	99929	48.462	ug/L	100
31) Carbon tetrachloride	4.831	117	93819	46.462	ug/L	100
33) Benzene	5.101	78	168645	49.470	ug/L	100
34) Trichloroethene	5.915	95	51412	48.554	ug/L	100
35) Methylcyclohexane	6.130	83	69083	46.341	ug/L	100
37) 1,2-Dichloropropane	6.172	63	33331	52.790	ug/L	100
38) Bromodichloromethane	6.510	83	67210	48.600	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	66577	49.489	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	84221	100.384	ug/L	100
42) Toluene	7.387	91	201666	47.632	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	72841	48.252	ug/L	100

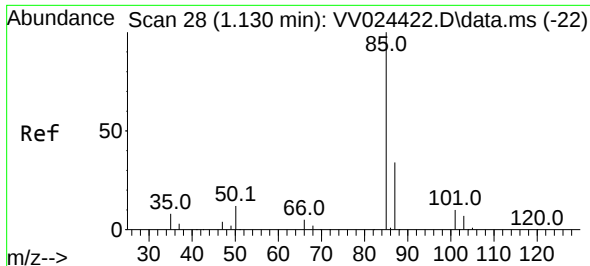
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
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Quant Time: Jan 24 02:14:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 02:12:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	42379	49.676	ug/L	100
46) Tetrachloroethene	7.976	164	49943	46.571	ug/L	100
48) 2-Hexanone	8.140	43	68974	103.179	ug/L	100
49) Dibromochloromethane	8.243	129	58870	48.918	ug/L	100
50) 1,2-Dibromoethane	8.352	107	44146	48.144	ug/L	100
51) Chlorobenzene	8.879	112	136530	46.900	ug/L	100
52) Ethylbenzene	9.011	91	215448	46.902	ug/L	100
53) m,p-Xylene	9.137	106	91147	47.203	ug/L	100
54) o-Xylene	9.542	106	88008	47.303	ug/L	100
55) Styrene	9.558	104	151803	47.914	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	49868	47.157	ug/L	100
59) Bromoform	9.728	173	45022	50.226	ug/L	100
60) Isopropylbenzene	9.931	105	238501	49.780	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	46400	47.348	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	212335	47.442	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	216210	48.483	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	125420	46.514	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	124145	45.942	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	120865	46.241	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	15172	47.391	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	99094	45.685	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	88190	45.808	ug/L	100
71) Naphthalene	13.500	128	230012	46.518	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	83673	45.613	ug/L	100

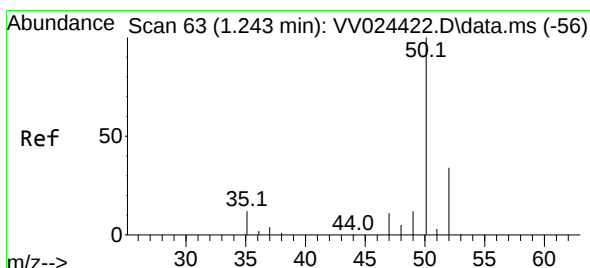
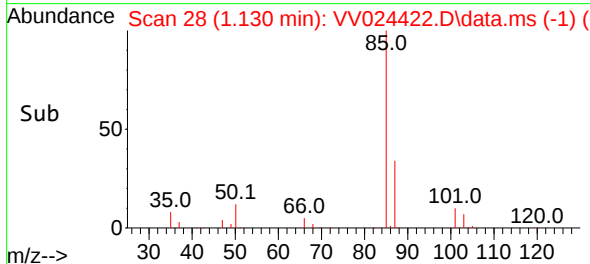
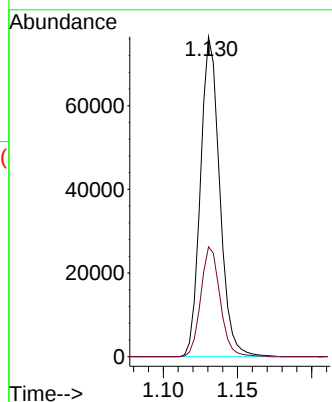
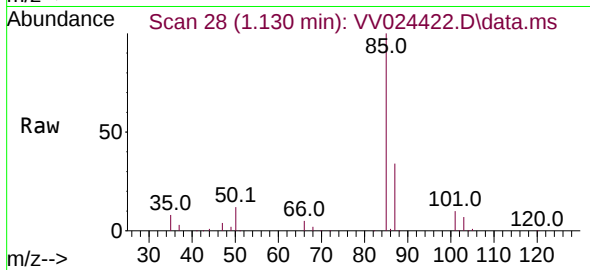
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#2
 Dichlorodifluoromethane
 Concen: 41.849 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

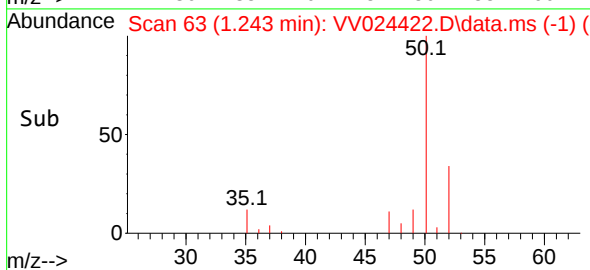
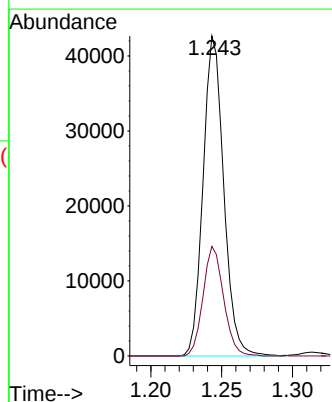
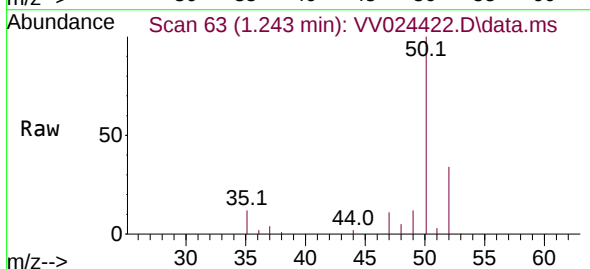
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050277

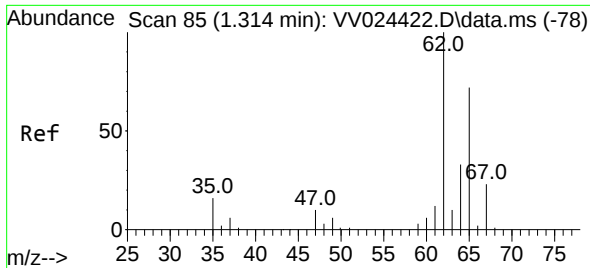
Tgt Ion: 85 Resp: 69039
 Ion Ratio Lower Upper
 85 100
 87 34.5 27.6 41.4



#3
 Chloromethane
 Concen: 43.281 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

Tgt Ion: 50 Resp: 43258
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.9 44.5

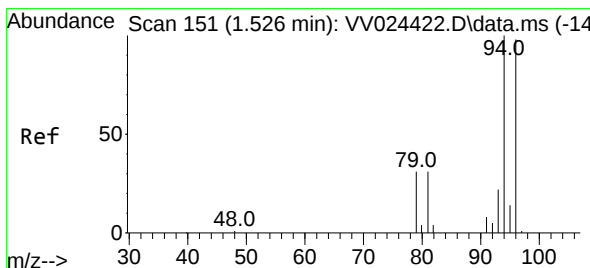
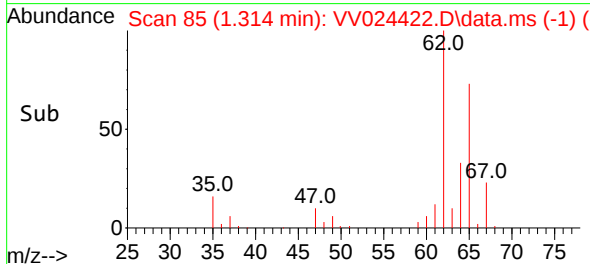
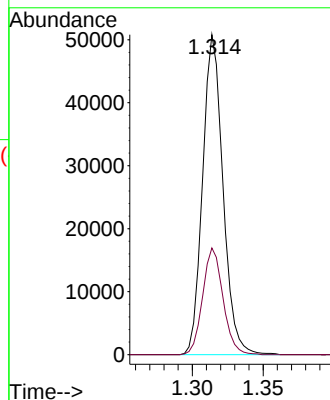
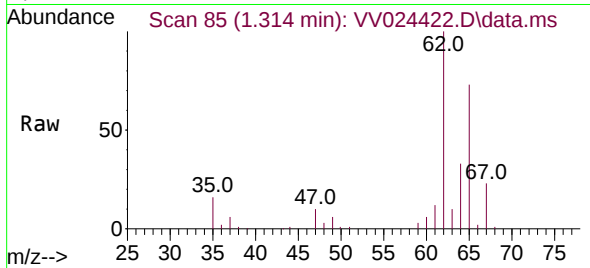




#5
 Vinyl chloride
 Concen: 43.575 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

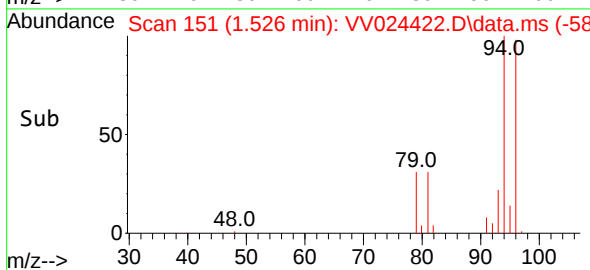
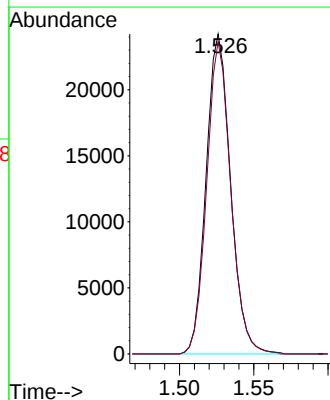
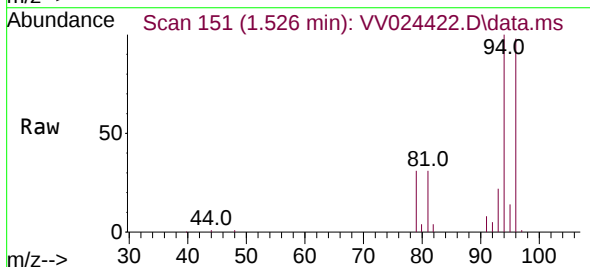
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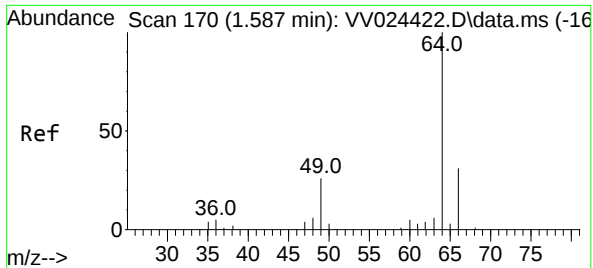
Tgt Ion: 62 Resp: 50771
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.3 43.3



#6
 Bromomethane
 Concen: 43.849 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

Tgt Ion: 94 Resp: 27758
 Ion Ratio Lower Upper
 94 100
 96 97.6 68.3 126.9

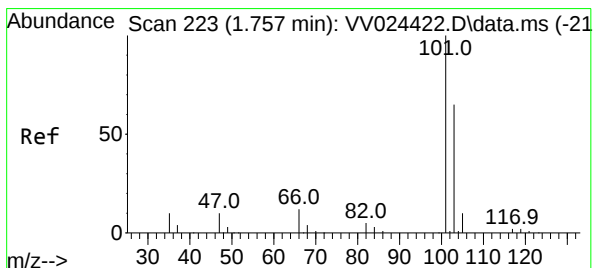
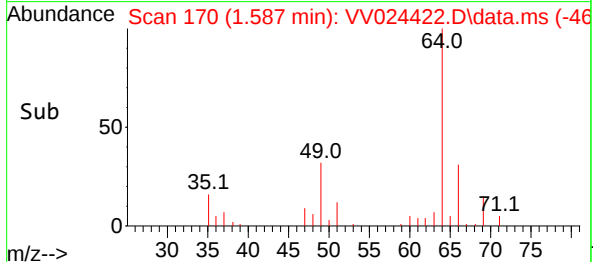
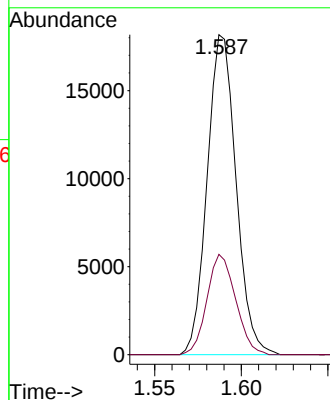
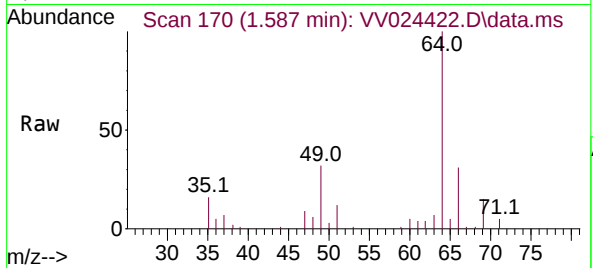




#8
Chloroethane
Concen: 41.914 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

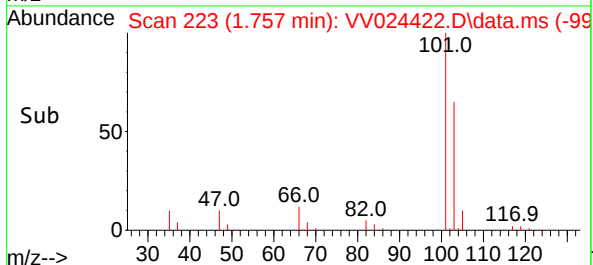
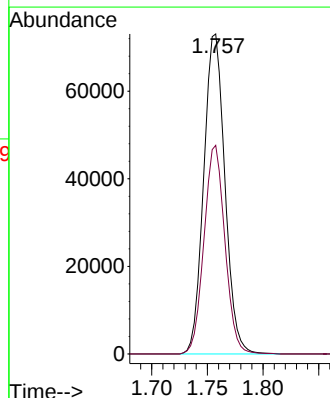
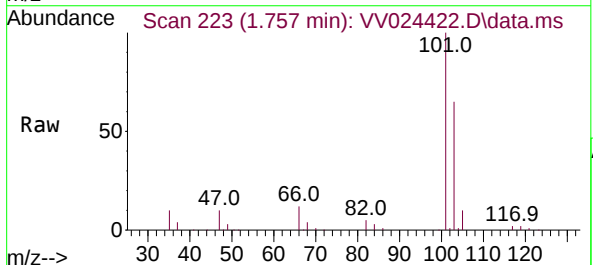
Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

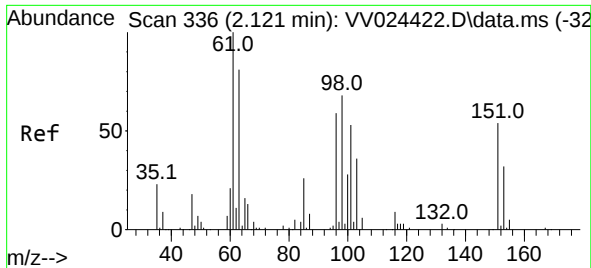
Tgt Ion: 64 Resp: 21084
Ion Ratio Lower Upper
64 100
66 31.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 43.176 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion:101 Resp: 96701
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

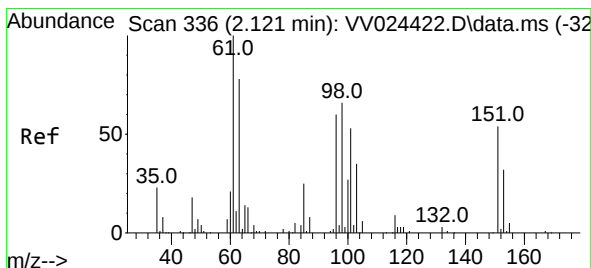
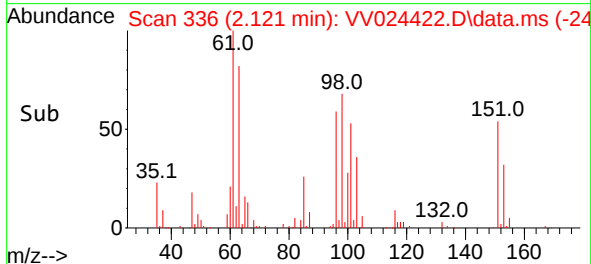
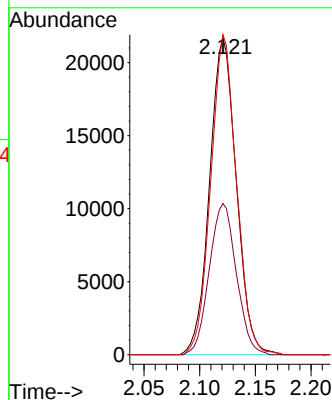
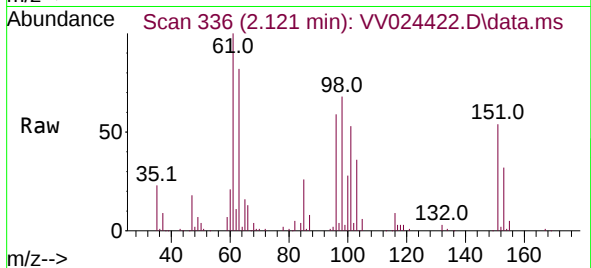




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.191 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

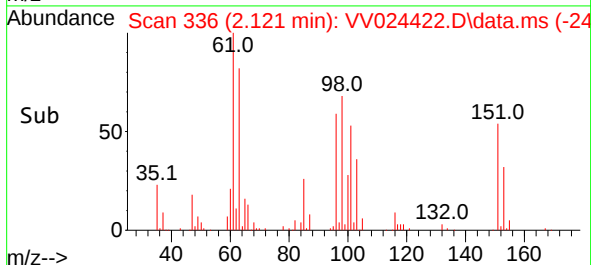
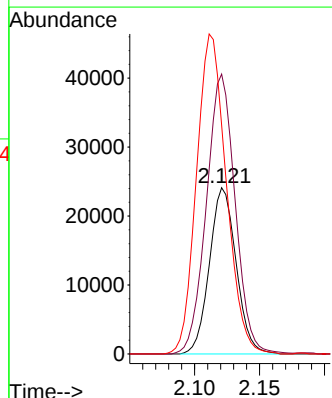
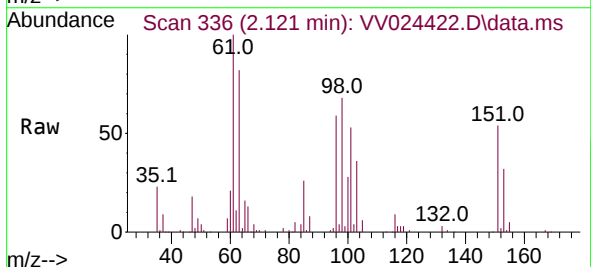
Instrument :
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 ClientSampleId :
 VSTD050277

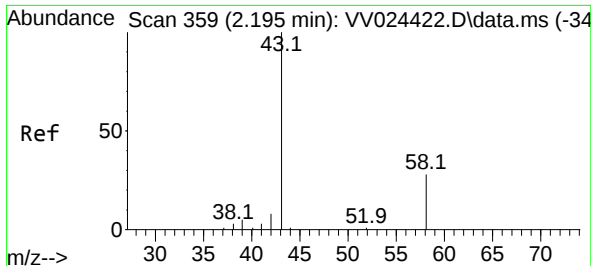
Tgt Ion: 101 Resp: 36136
 Ion Ratio Lower Upper
 101 100
 85 48.3 38.6 58.0
 151 97.2 77.8 116.6



#12
 1,1-Dichloroethene
 Concen: 44.252 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

Tgt Ion: 96 Resp: 34447
 Ion Ratio Lower Upper
 96 100
 61 168.3 117.8 218.8
 63 137.7 96.4 179.0





#13

Acetone

Concen: 99.266 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

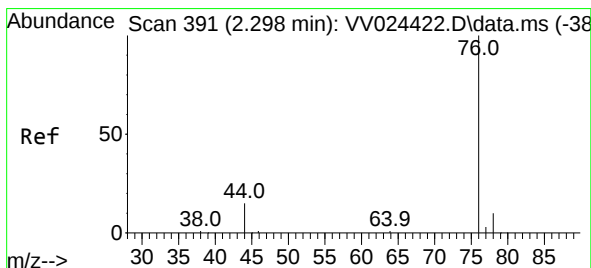
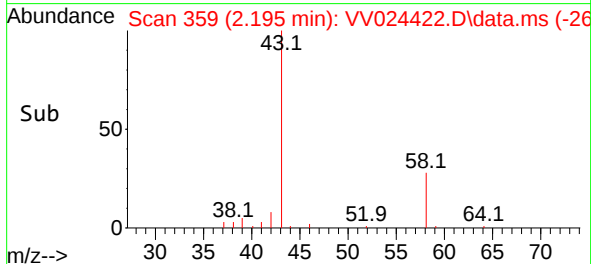
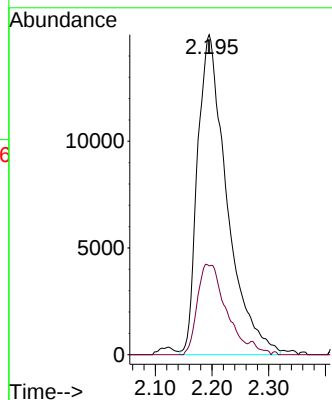
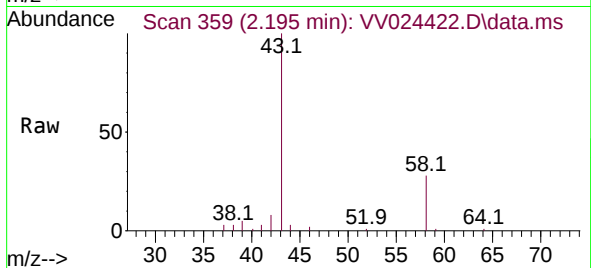
VSTD050277

Tgt Ion: 43 Resp: 53957

Ion Ratio Lower Upper

43 100

58 11.7 0.0 23.4



#14

Carbon disulfide

Concen: 54.106 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV024422.D

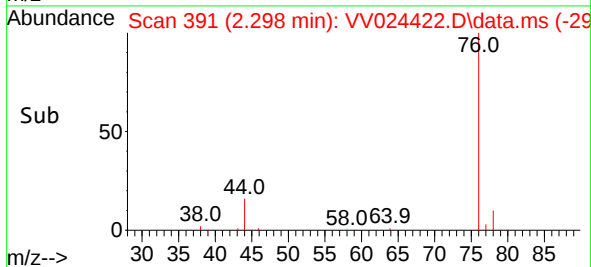
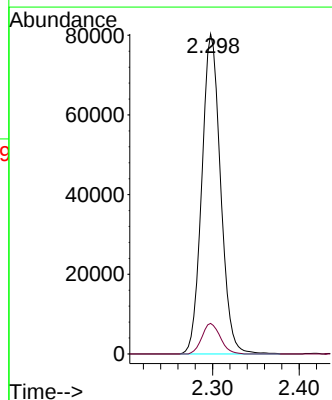
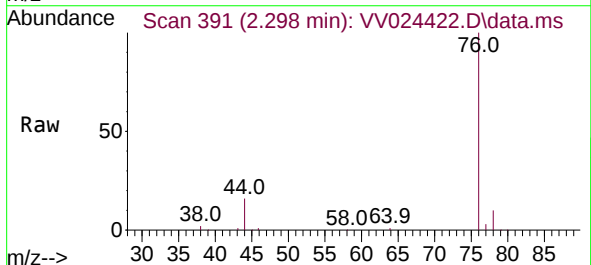
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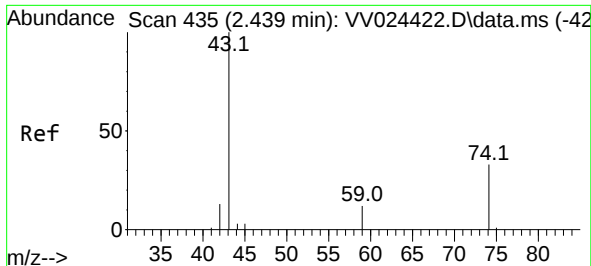
Tgt Ion: 76 Resp: 120893

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5

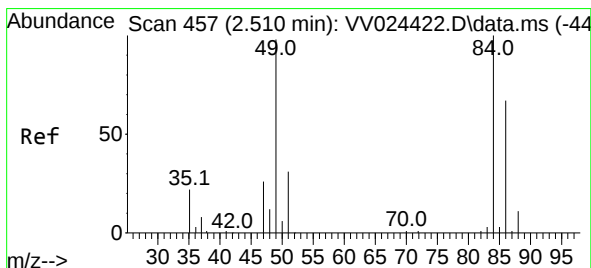
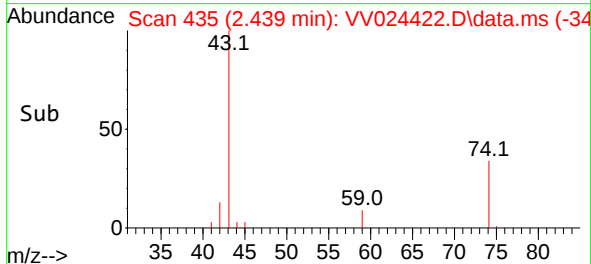
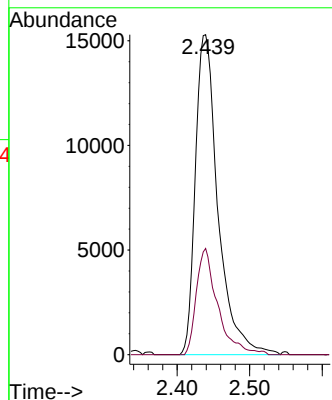
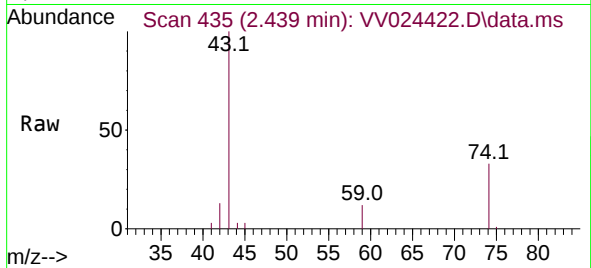




#15
Methyl Acetate
Concen: 57.365 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

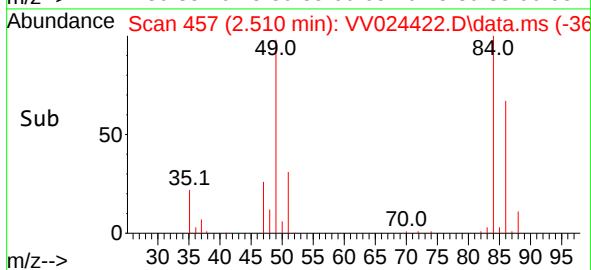
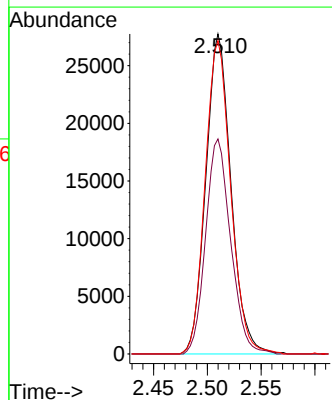
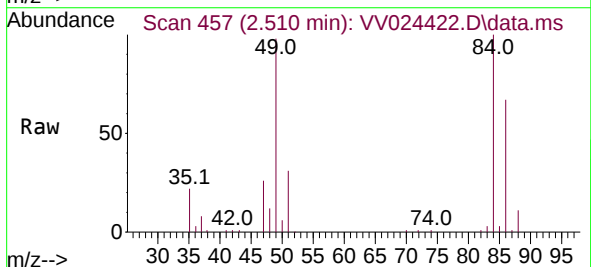
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ClientSampleId :
VSTD050277

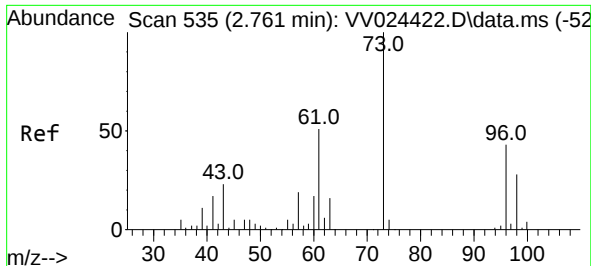
Tgt Ion: 43 Resp: 33138
Ion Ratio Lower Upper
43 100
74 30.9 24.7 37.1



#16
Methylene chloride
Concen: 50.563 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion: 84 Resp: 45197
Ion Ratio Lower Upper
84 100
86 67.2 47.0 87.4
49 97.9 68.5 127.3



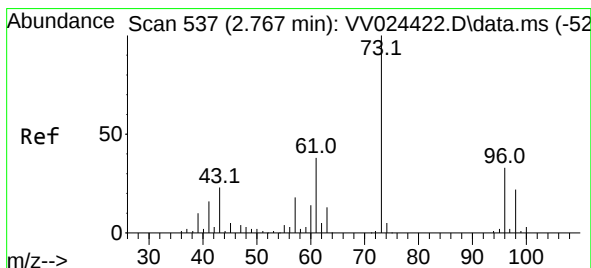
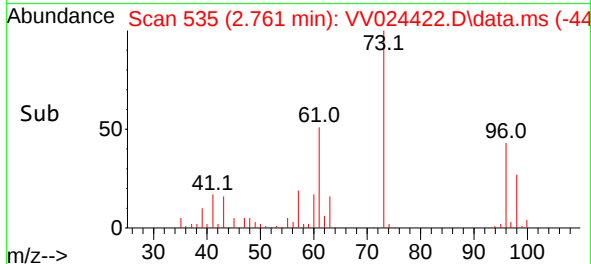
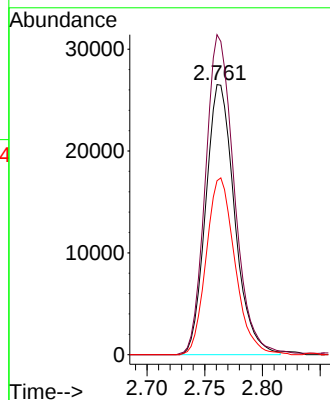
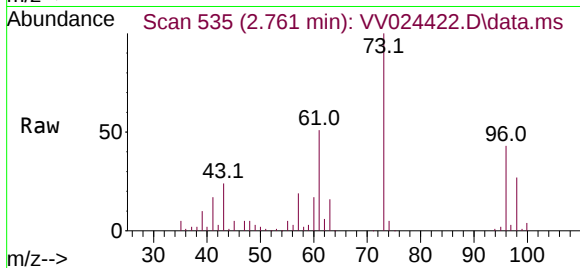


#17
 trans-1,2-Dichloroethene
 Concen: 50.802 ug/L
 RT: 2.761 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050277

Tgt Ion: 96 Resp: 46171

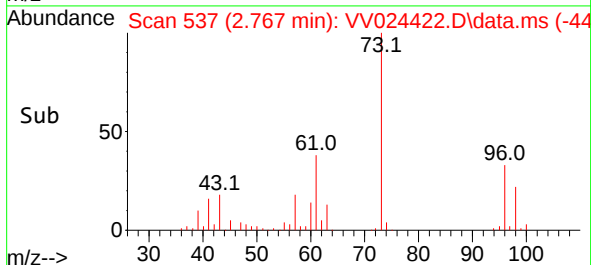
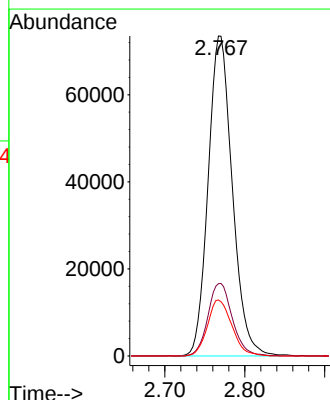
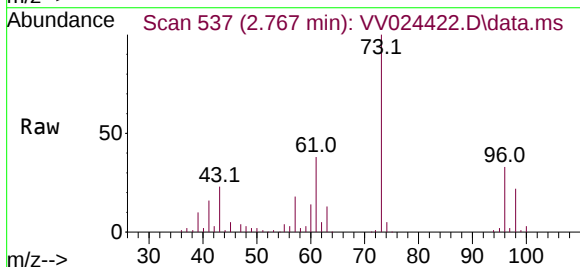
Ion	Ratio	Lower	Upper
96	100		
61	118.5	83.0	154.1
98	64.4	45.1	83.7

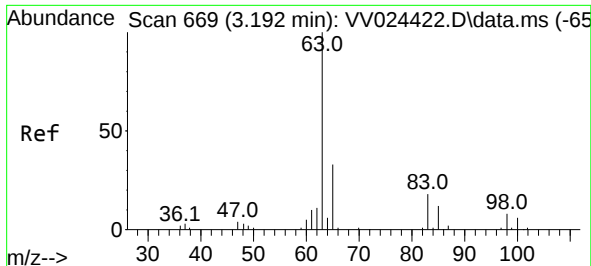


#18
 Methyl tert-butyl Ether
 Concen: 50.130 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

Tgt Ion: 73 Resp: 154591

Ion	Ratio	Lower	Upper
73	100		
43	22.9	18.3	27.5
57	17.7	14.2	21.2





#19

1,1-Dichloroethane

Concen: 49.326 ug/L

RT: 3.192 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050277

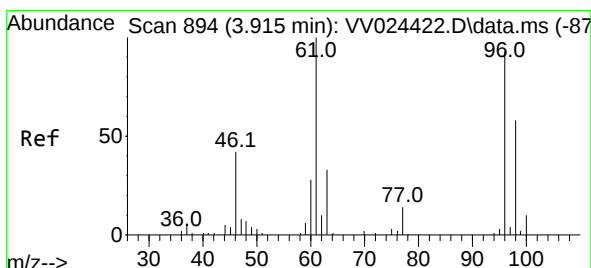
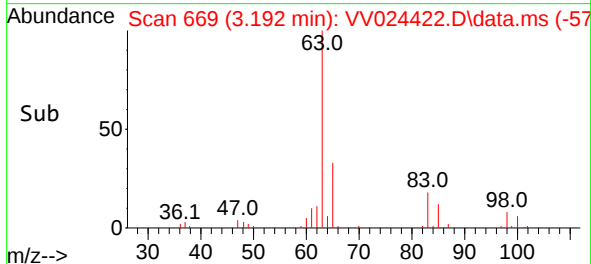
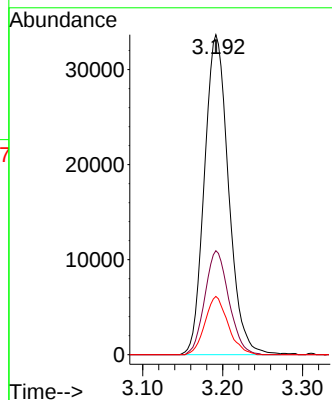
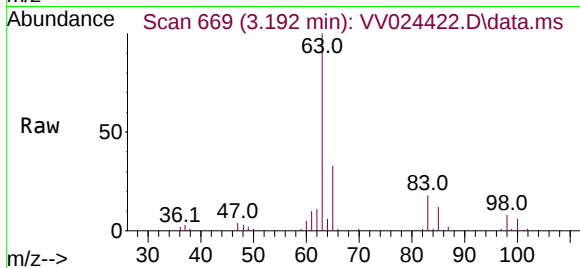
Tgt Ion: 63 Resp: 70692

Ion Ratio Lower Upper

63 100

65 32.5 22.7 42.3

83 18.2 12.7 23.7



#20

cis-1,2-Dichloroethene

Concen: 47.996 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

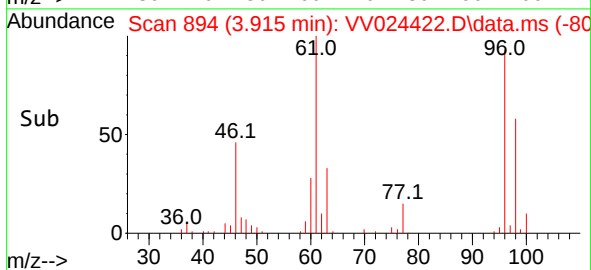
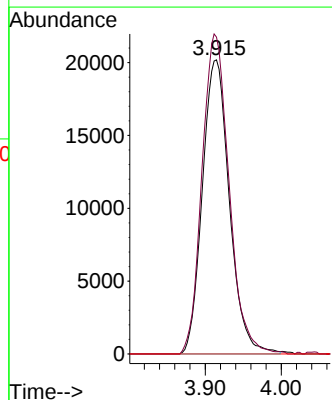
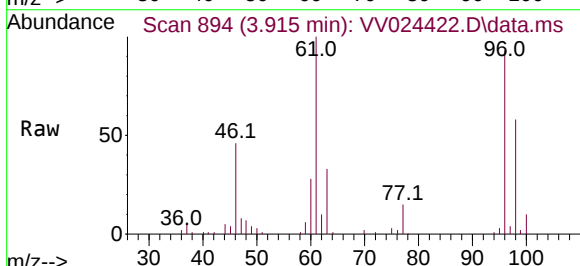
Tgt Ion: 96 Resp: 49867

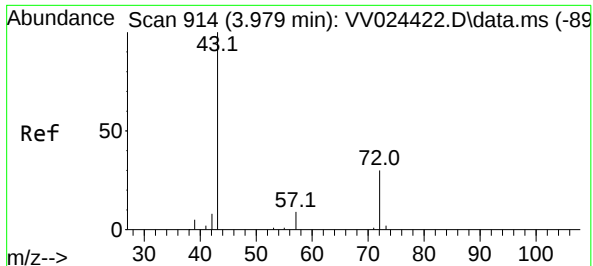
Ion Ratio Lower Upper

96 100

61 107.7 75.4 140.0

68 0.0 0.0 0.0

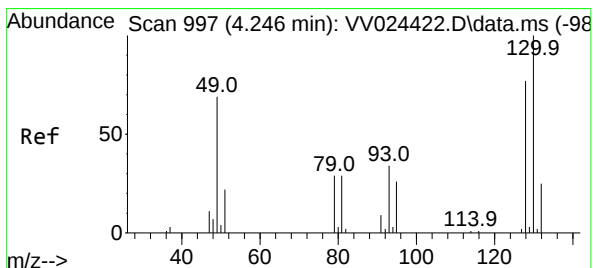
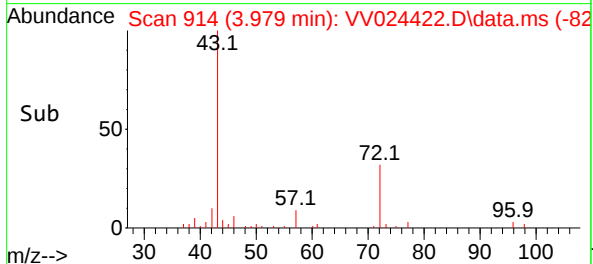
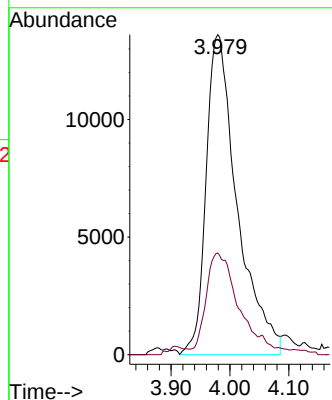
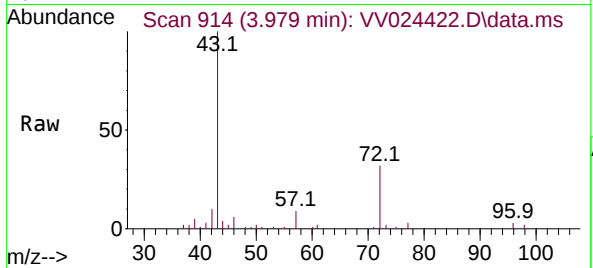




#22
2-Butanone
Concen: 93.714 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

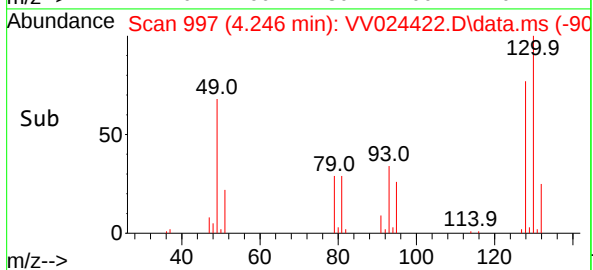
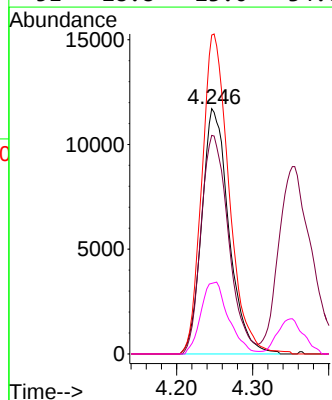
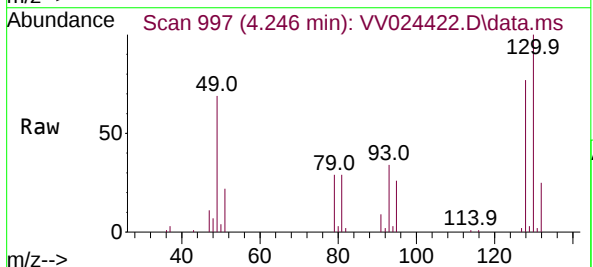
Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

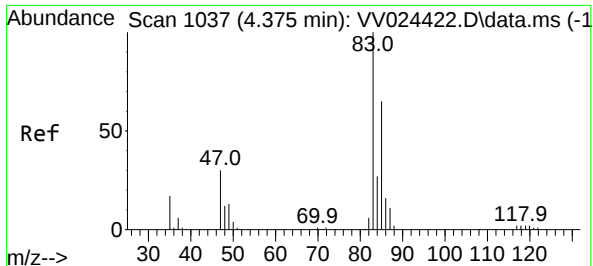
Tgt Ion: 43 Resp: 50038
Ion Ratio Lower Upper
43 100
72 15.8 7.9 23.7



#23
Bromochloromethane
Concen: 48.153 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion: 128 Resp: 28948
Ion Ratio Lower Upper
128 100
49 89.1 62.4 115.8
130 130.0 91.0 169.0
51 28.8 23.0 34.6





#25

Chloroform

Concen: 46.837 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

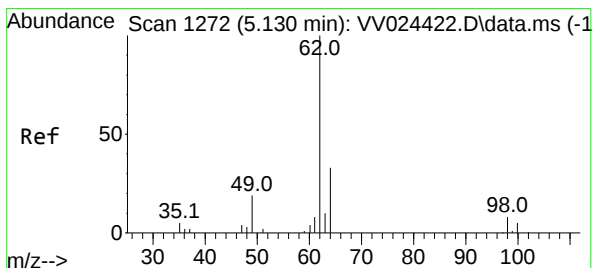
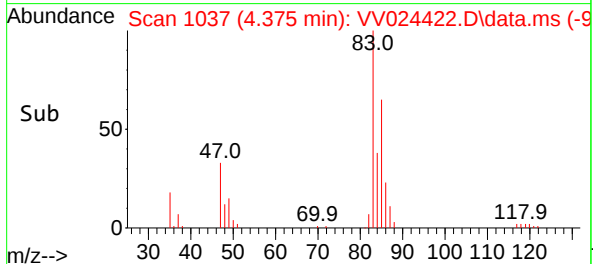
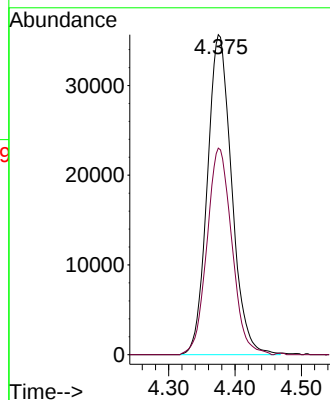
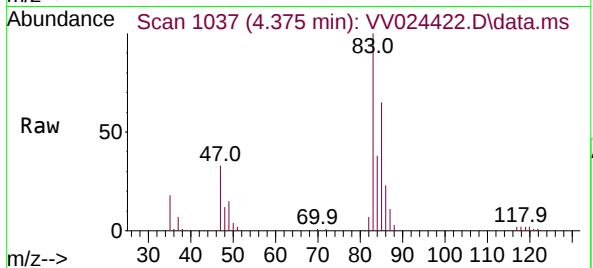
VSTD050277

Tgt Ion: 83 Resp: 91030

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.9



#27

1,2-Dichloroethane

Concen: 46.008 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV024422.D

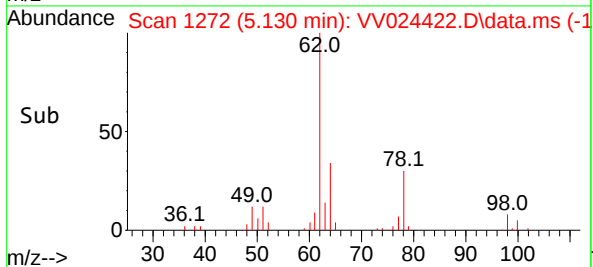
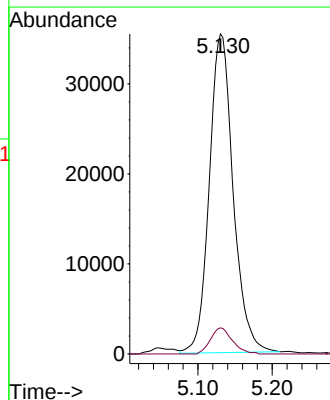
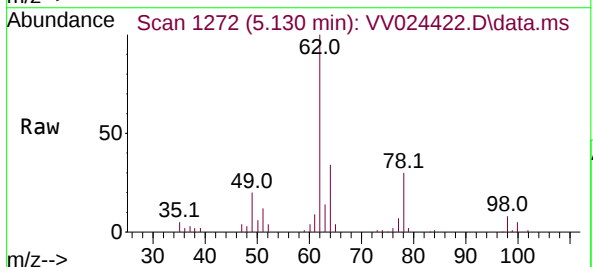
Acq: 21 Jan 2022 13:20

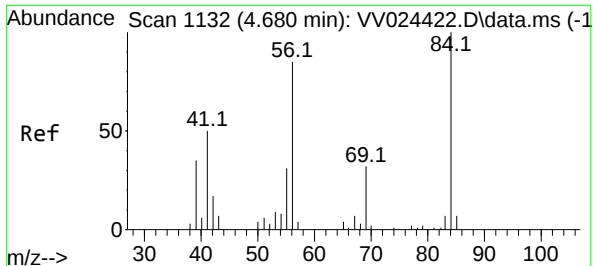
Tgt Ion: 62 Resp: 78986

Ion Ratio Lower Upper

62 100

98 8.2 6.6 9.8





#29

Cyclohexane

Concen: 50.394 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050277

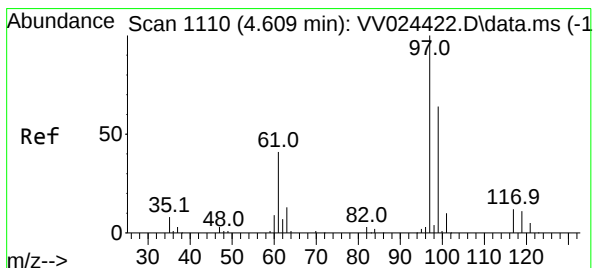
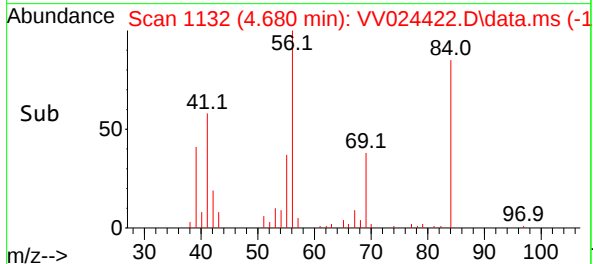
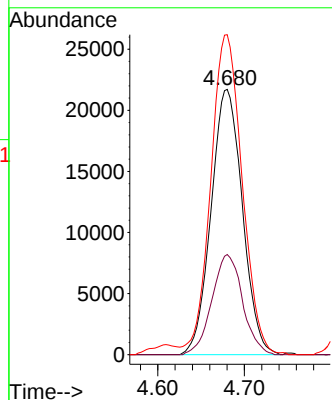
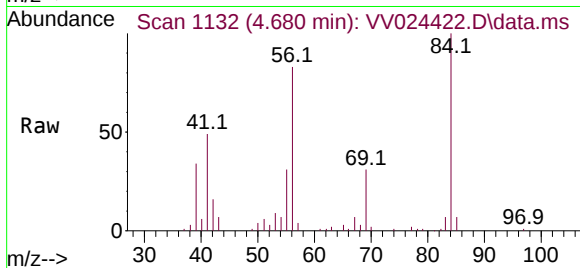
Tgt Ion: 56 Resp: 54545

Ion Ratio Lower Upper

56 100

69 36.9 29.5 44.3

84 119.8 95.8 143.8



#30

1,1,1-Trichloroethane

Concen: 48.462 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

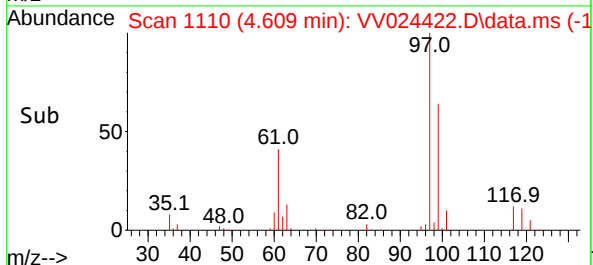
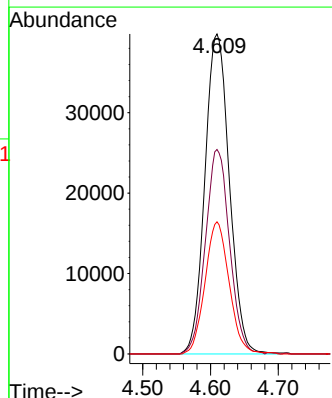
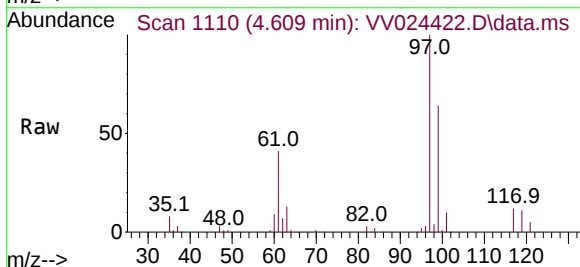
Tgt Ion: 97 Resp: 99929

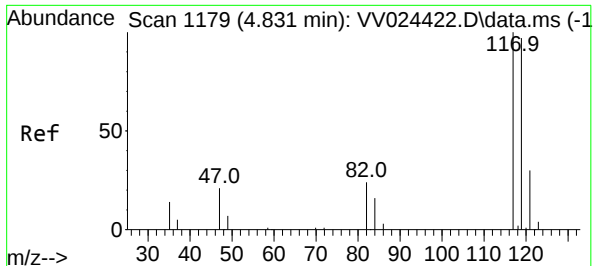
Ion Ratio Lower Upper

97 100

99 63.1 50.5 75.7

61 40.6 32.5 48.7

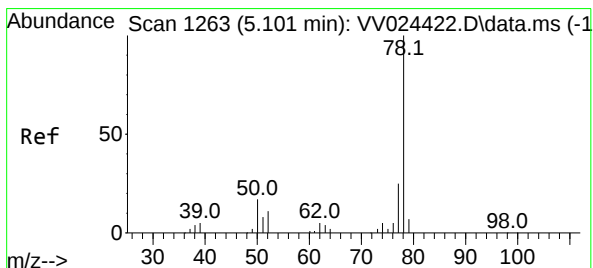
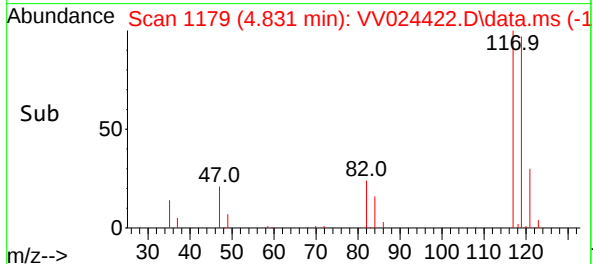
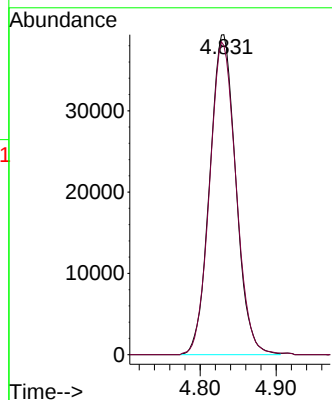
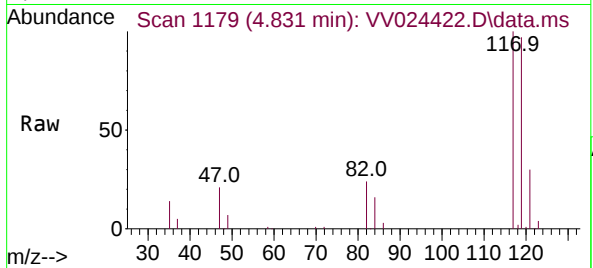




#31
Carbon tetrachloride
Concen: 46.462 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

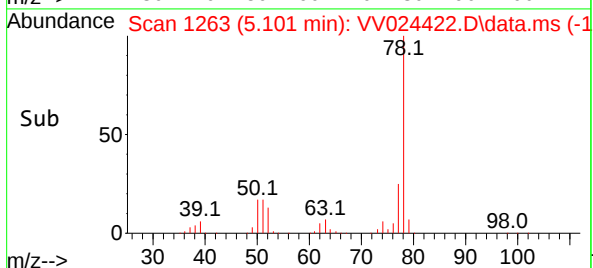
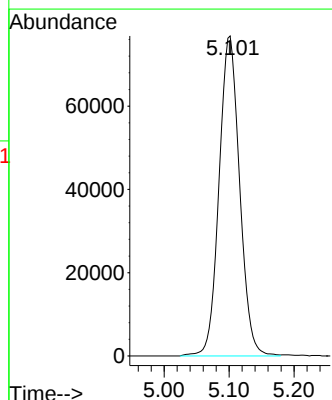
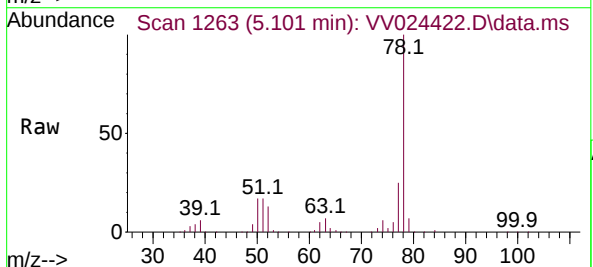
Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

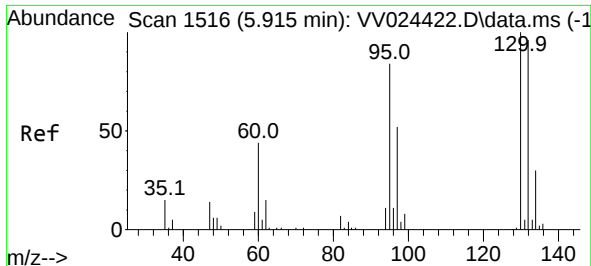
Tgt Ion:117 Resp: 93819
Ion Ratio Lower Upper
117 100
119 98.7 79.0 118.4



#33
Benzene
Concen: 49.470 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion: 78 Resp: 168645



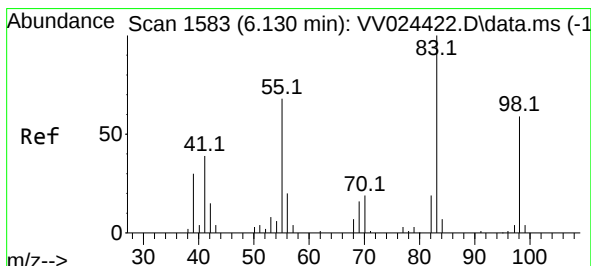
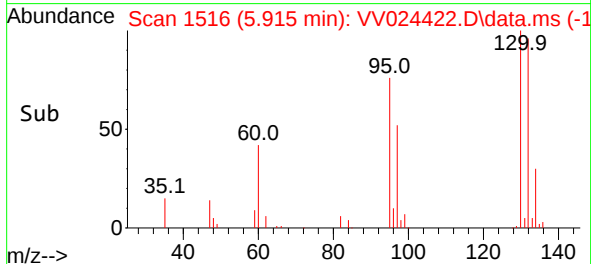
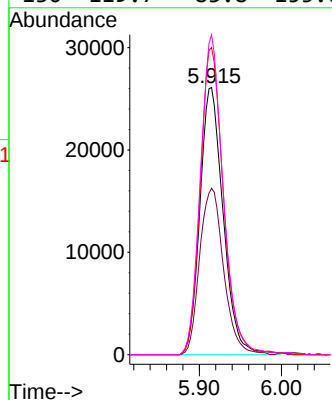
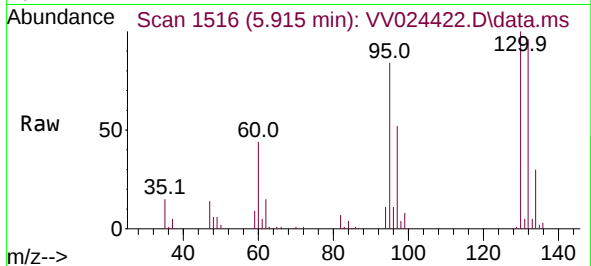


#34
Trichloroethene
Concen: 48.554 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

Tgt Ion: 95 Resp: 51412

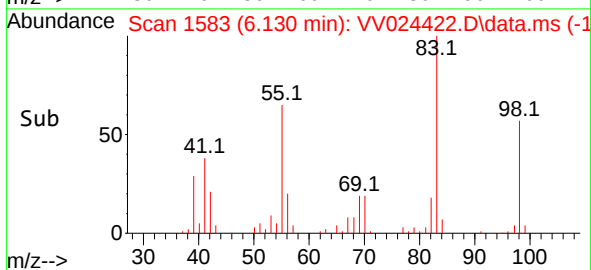
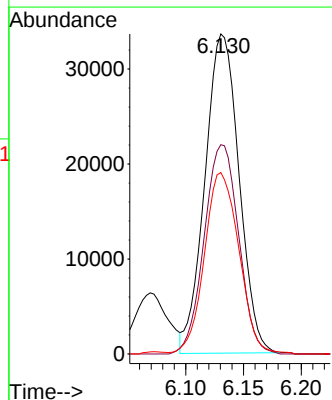
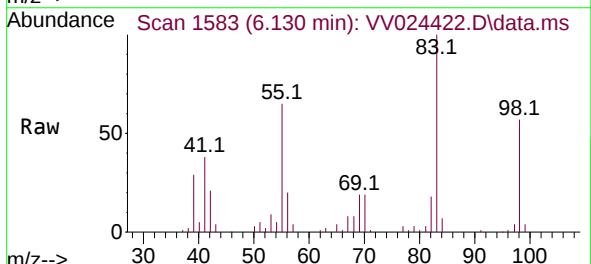
Ion	Ratio	Lower	Upper
95	100		
97	62.2	43.5	80.9
132	115.0	80.5	149.5
130	119.7	83.8	155.6

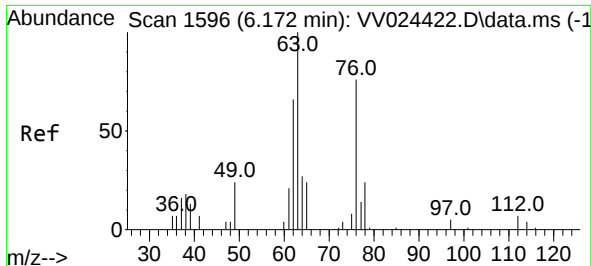


#35
Methylcyclohexane
Concen: 46.341 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion: 83 Resp: 69083

Ion	Ratio	Lower	Upper
83	100		
55	66.2	53.0	79.4
98	57.7	46.2	69.2





#37

1,2-Dichloropropane

Concen: 52.790 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

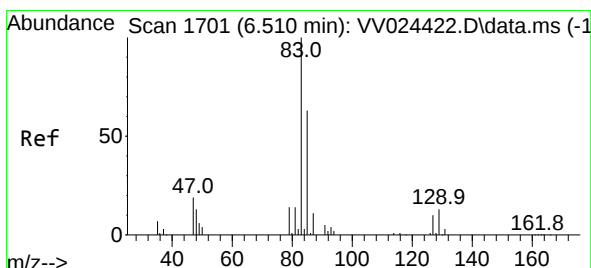
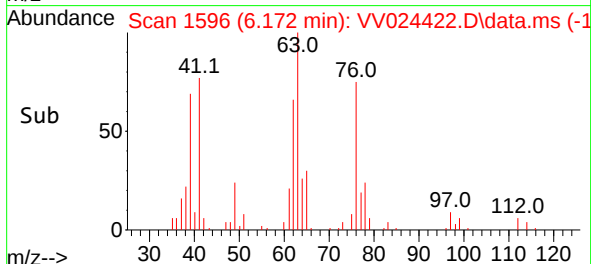
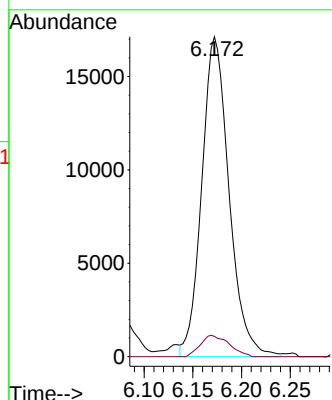
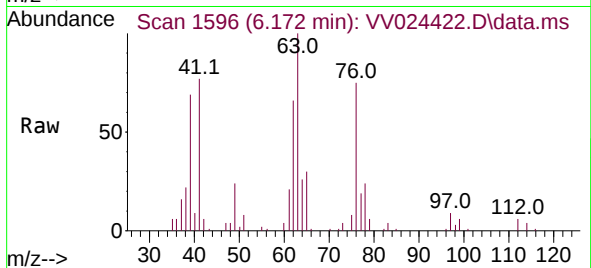
VSTD050277

Tgt Ion: 63 Resp: 33331

Ion Ratio Lower Upper

63 100

112 7.1 5.7 8.5



#38

Bromodichloromethane

Concen: 48.600 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

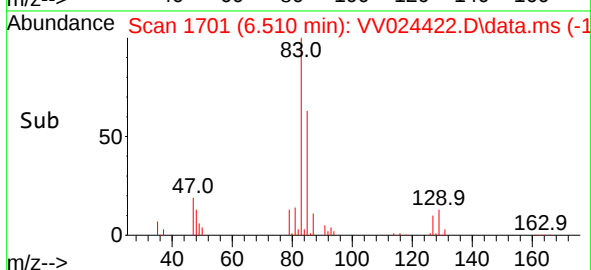
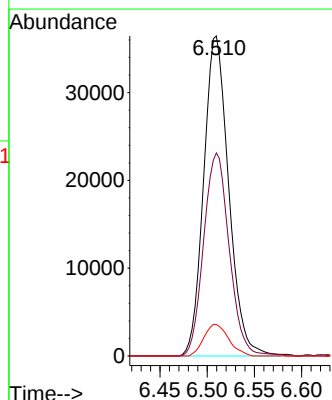
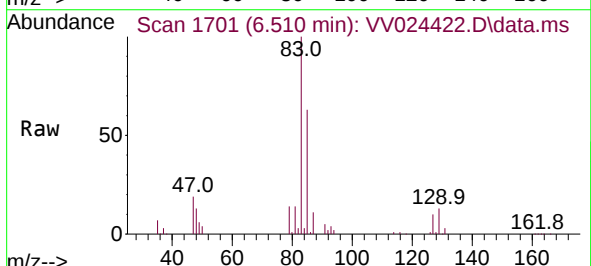
Tgt Ion: 83 Resp: 67210

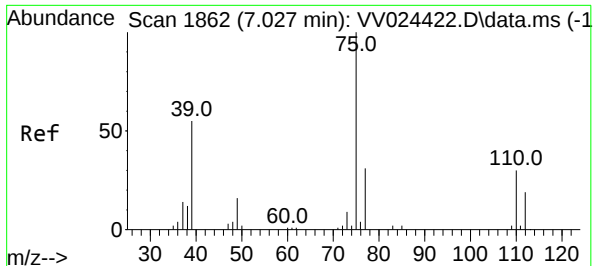
Ion Ratio Lower Upper

83 100

85 63.5 44.4 82.5

127 9.9 7.9 11.9





#39

cis-1,3-Dichloropropene

Concen: 49.489 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

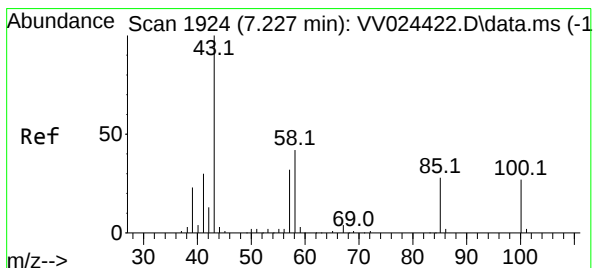
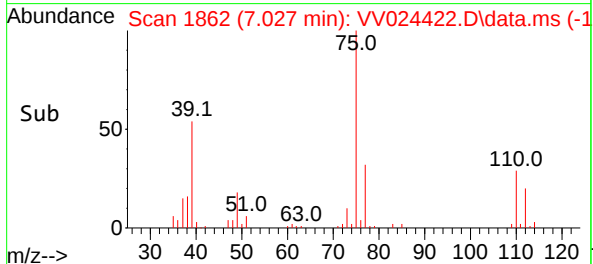
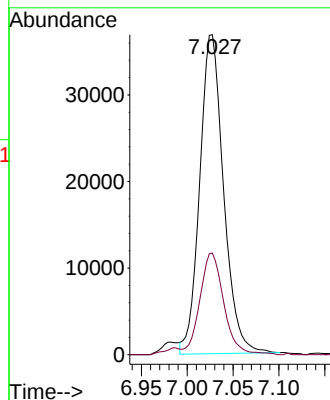
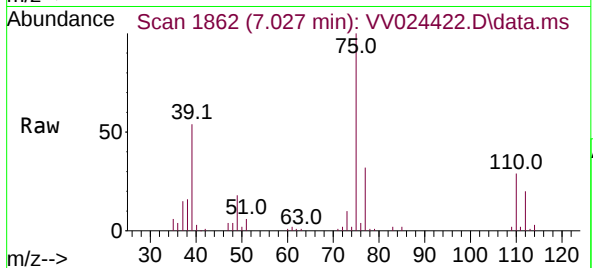
VSTD050277

Tgt Ion: 75 Resp: 66577

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 100.384 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

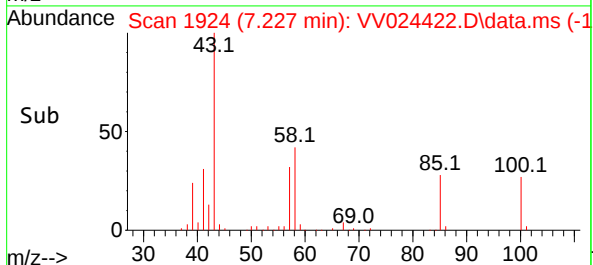
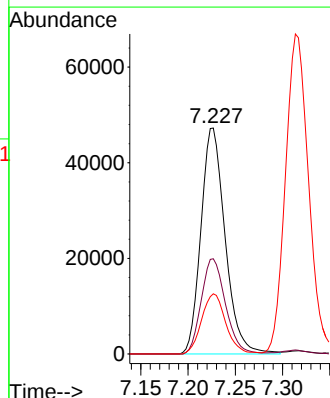
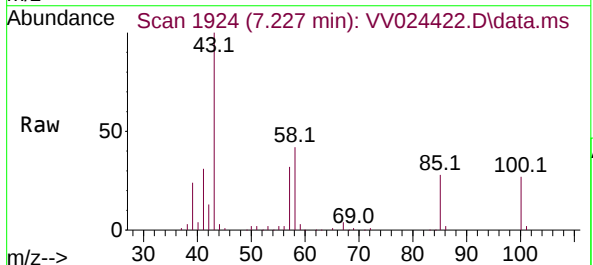
Tgt Ion: 43 Resp: 84221

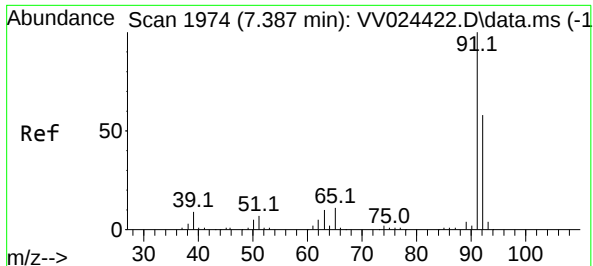
Ion Ratio Lower Upper

43 100

58 42.1 33.7 50.5

100 26.6 21.3 31.9





#42

Toluene

Concen: 47.632 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

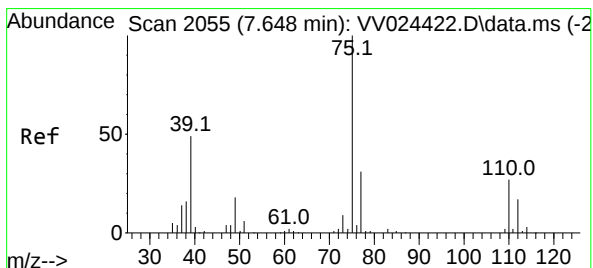
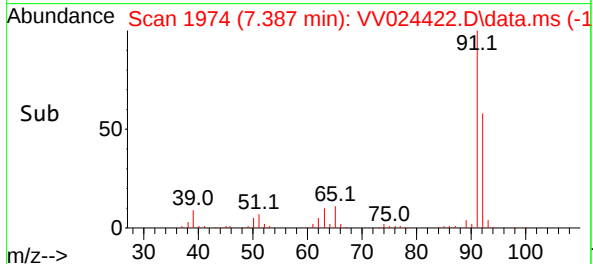
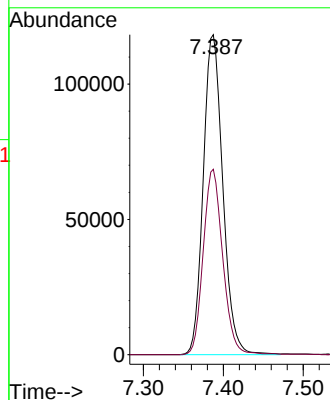
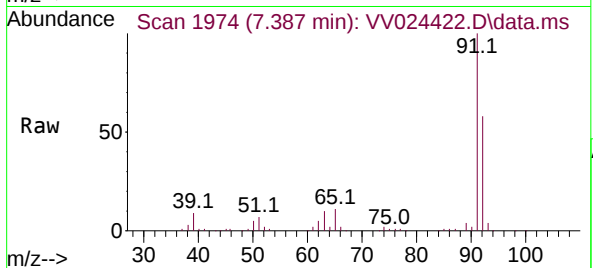
VSTD050277

Tgt Ion: 91 Resp: 201666

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 48.252 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024422.D

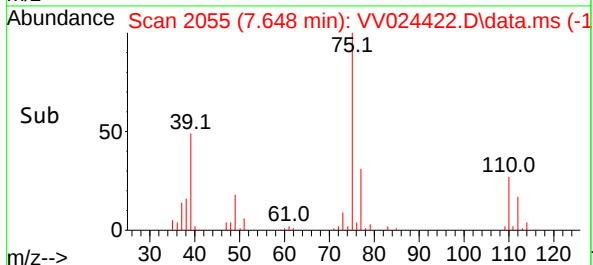
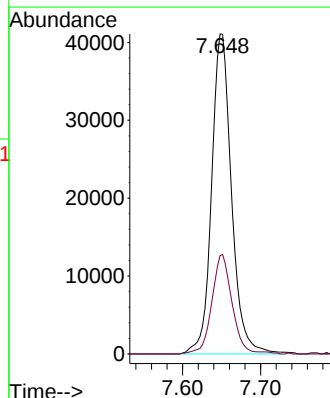
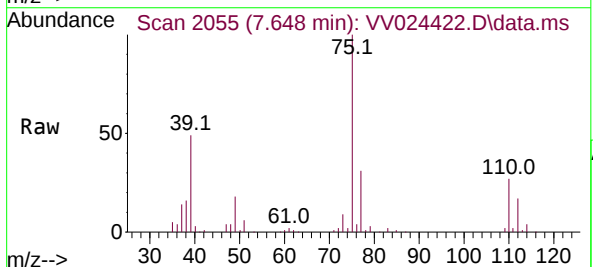
Acq: 21 Jan 2022 13:20

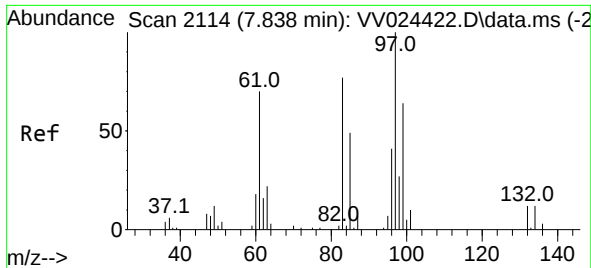
Tgt Ion: 75 Resp: 72841

Ion Ratio Lower Upper

75 100

77 30.7 21.5 39.9



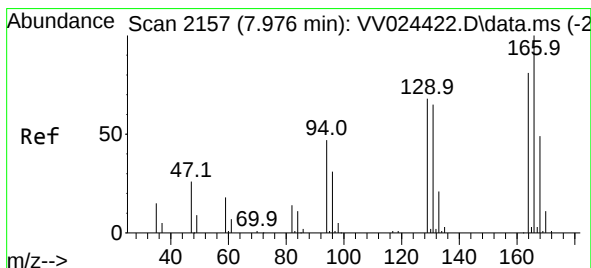
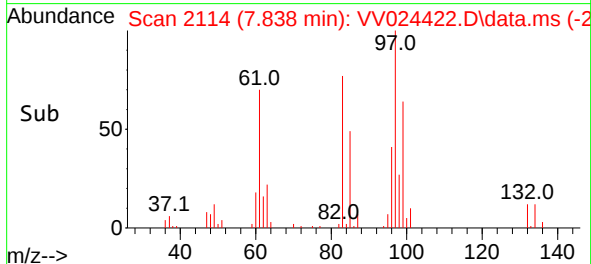
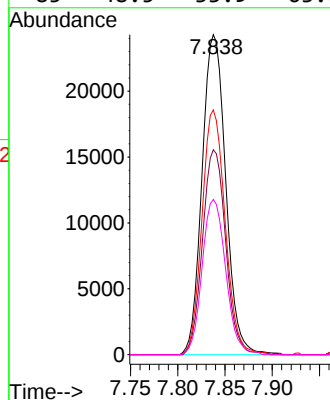
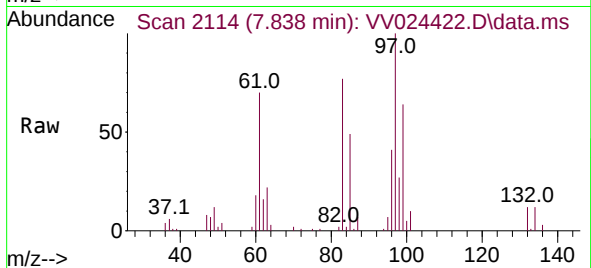


#45
1,1,2-Trichloroethane
Concen: 49.676 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

Tgt Ion: 97 Resp: 42379

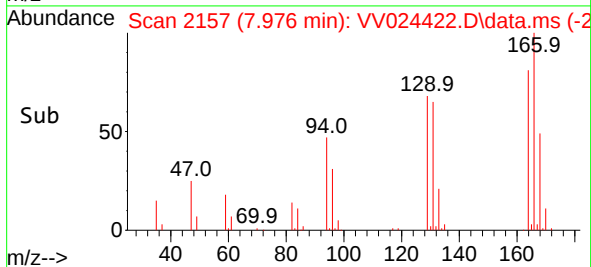
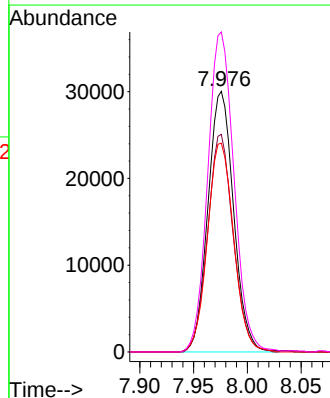
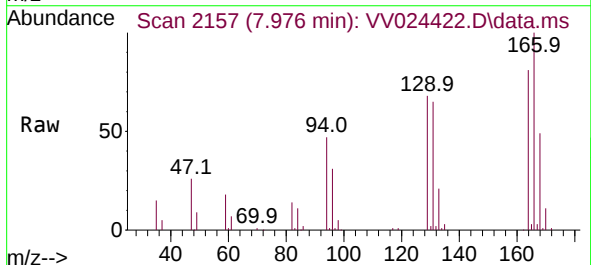
Ion	Ratio	Lower	Upper
97	100		
99	64.0	44.8	83.2
83	76.5	53.5	99.5
85	48.5	33.9	63.0

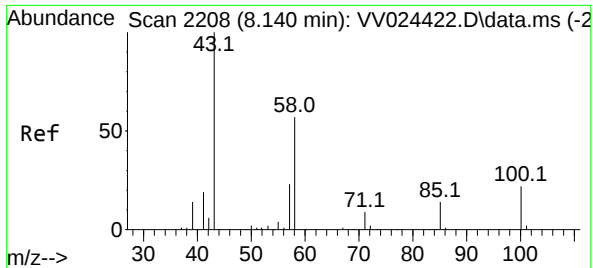


#46
Tetrachloroethene
Concen: 46.571 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion: 164 Resp: 49943

Ion	Ratio	Lower	Upper
164	100		
129	83.5	58.4	108.6
131	80.1	56.1	104.1
166	122.8	86.0	159.6

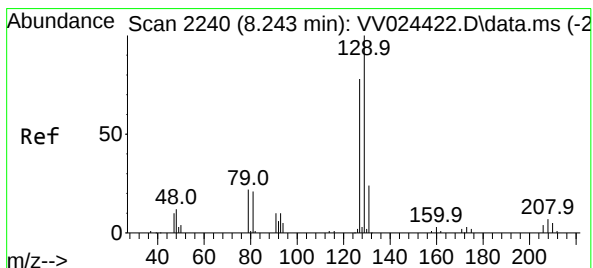
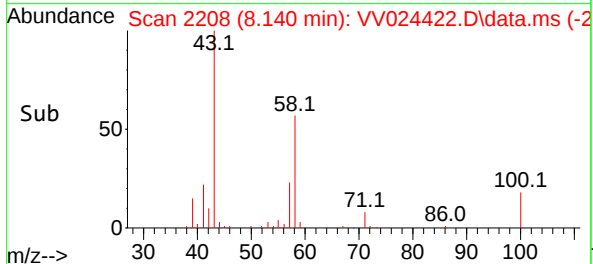
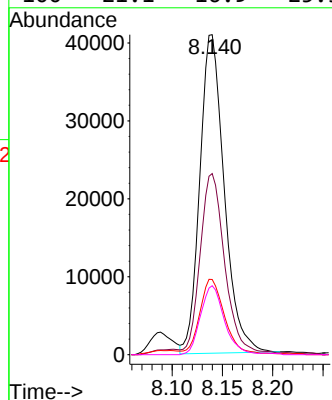
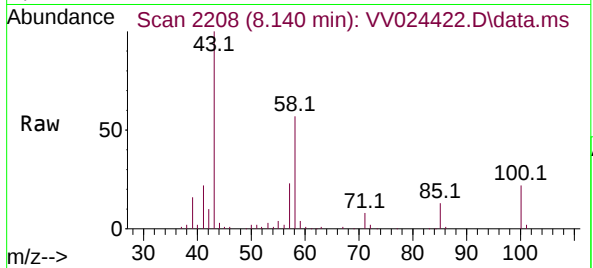




#48
2-Hexanone
Concen: 103.179 ug/L
RT: 8.140 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

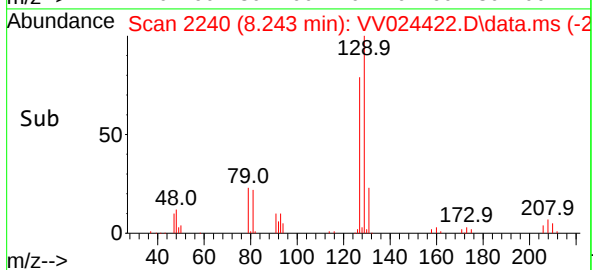
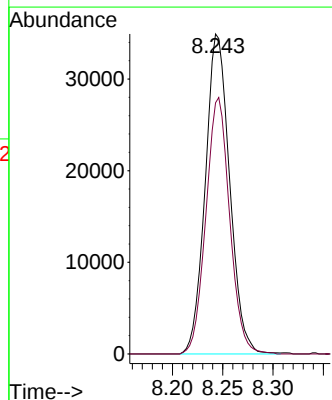
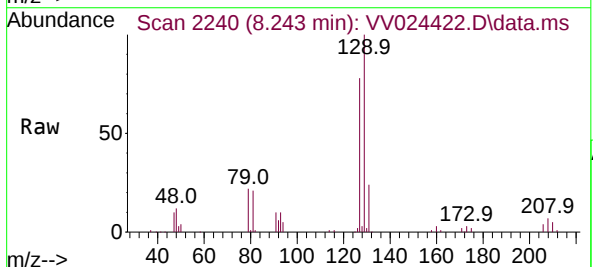
Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

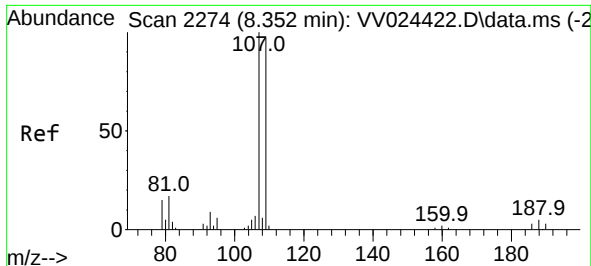
Tgt Ion: 43	Resp: 68974
Ion Ratio	Lower Upper
43 100	
58 57.8	46.2 69.4
57 24.1	19.3 28.9
100 21.1	16.9 25.3



#49
Dibromochloromethane
Concen: 48.918 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion:129	Resp: 58870		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	54.9	102.1	





#50

1,2-Dibromoethane

Concen: 48.144 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050277

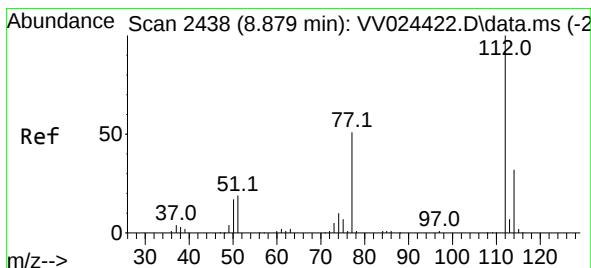
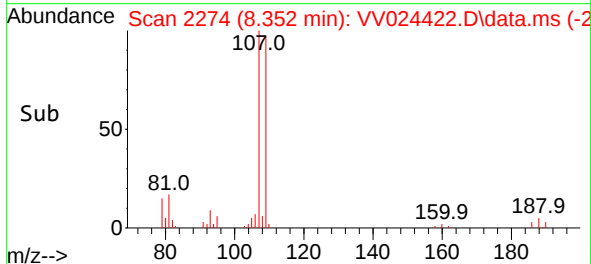
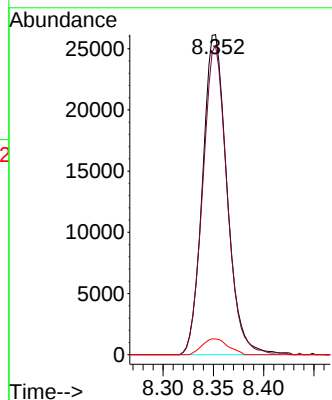
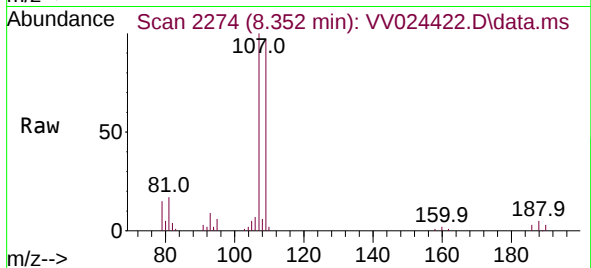
Tgt Ion:107 Resp: 44146

Ion Ratio Lower Upper

107 100

109 96.5 67.5 125.4

188 4.9 3.9 5.9



#51

Chlorobenzene

Concen: 46.900 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

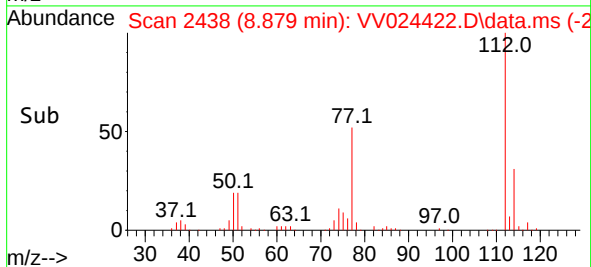
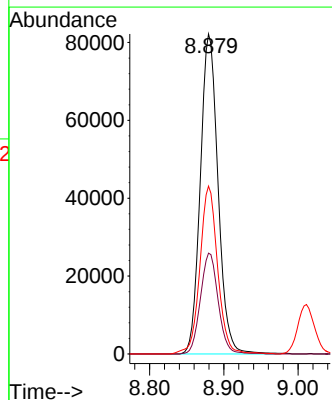
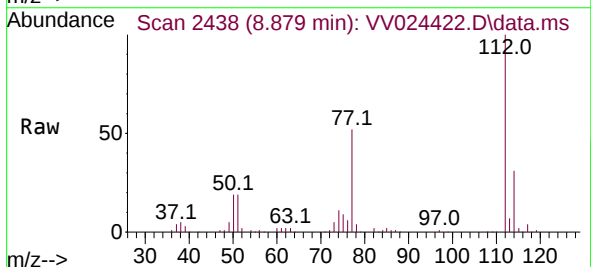
Tgt Ion:112 Resp: 136530

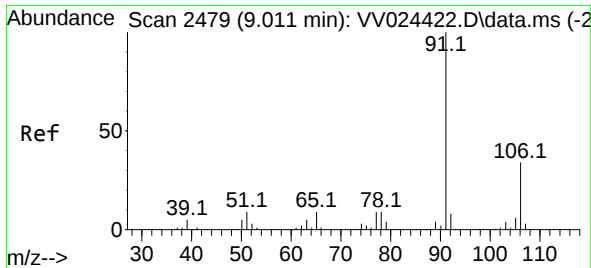
Ion Ratio Lower Upper

112 100

114 31.5 22.0 41.0

77 52.5 42.0 63.0

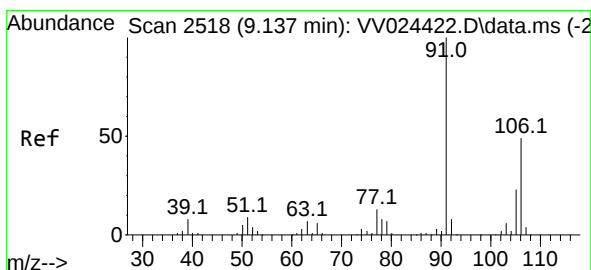
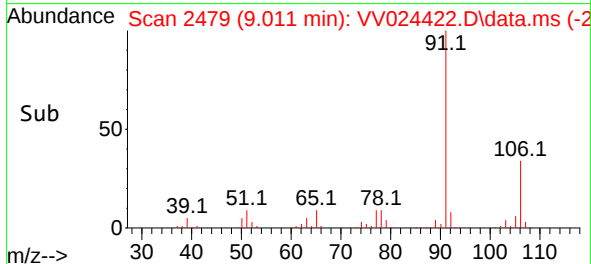
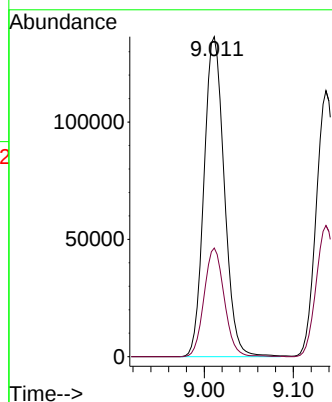
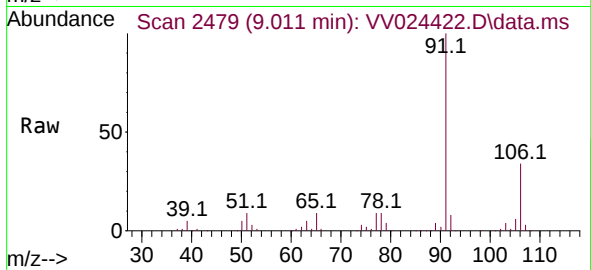




#52
Ethylbenzene
Concen: 46.902 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

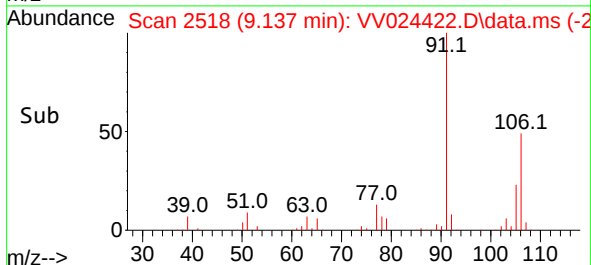
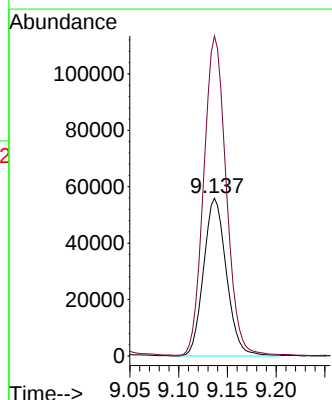
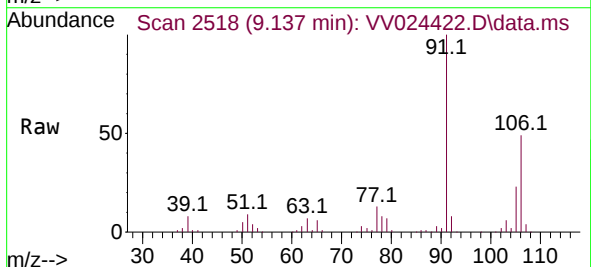
Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

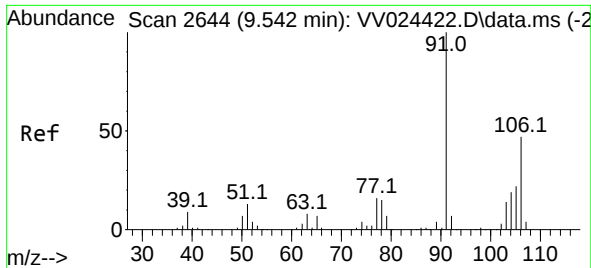
Tgt Ion: 91 Resp: 215448
Ion Ratio Lower Upper
91 100
106 34.0 23.8 44.2



#53
m,p-Xylene
Concen: 47.203 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion: 106 Resp: 91147
Ion Ratio Lower Upper
106 100
91 202.9 142.0 263.8

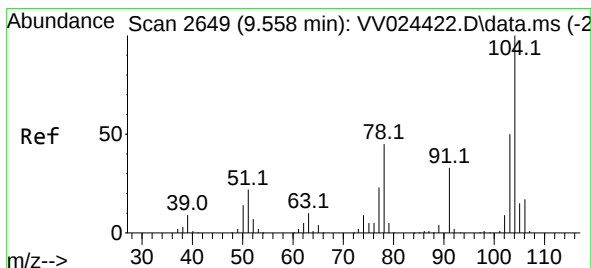
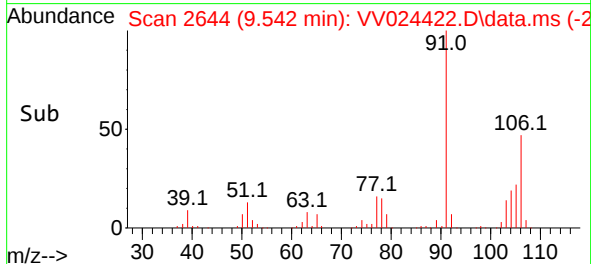
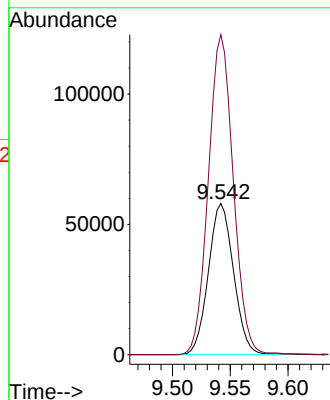
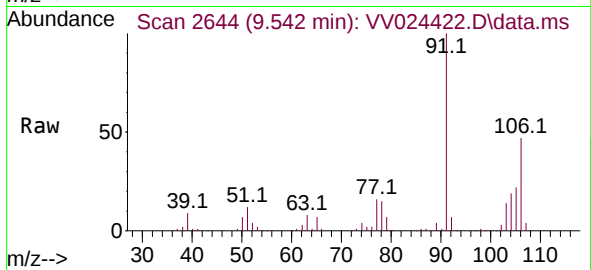




#54
o-Xylene
Concen: 47.303 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

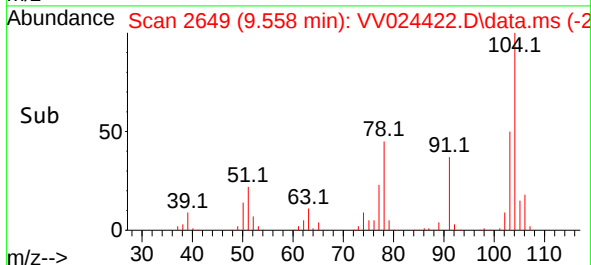
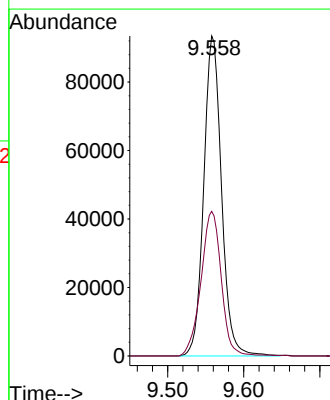
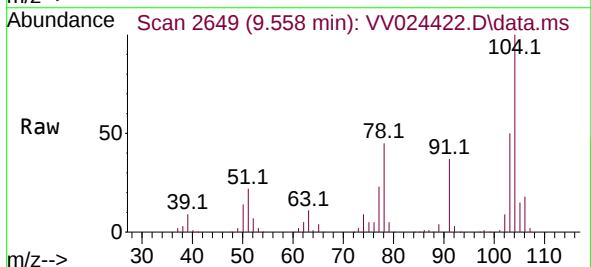
Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

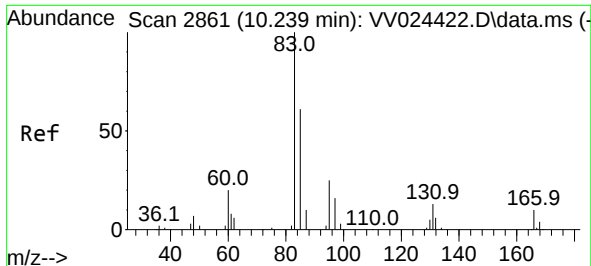
Tgt Ion:106 Resp: 88008
Ion Ratio Lower Upper
106 100
91 211.6 148.1 275.1



#55
Styrene
Concen: 47.914 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion:104 Resp: 151803
Ion Ratio Lower Upper
104 100
78 45.2 31.6 58.8

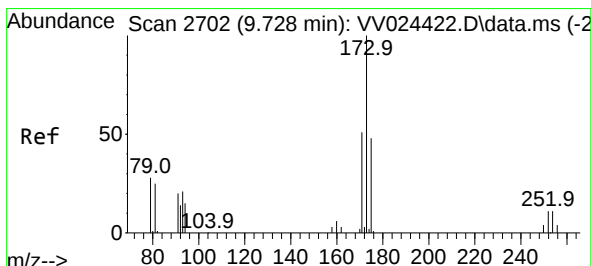
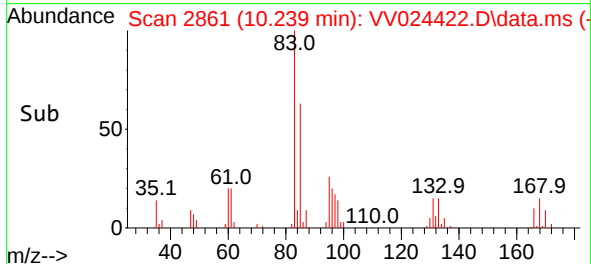
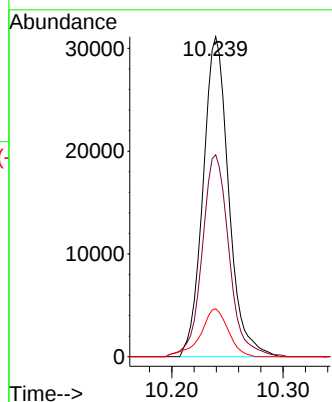
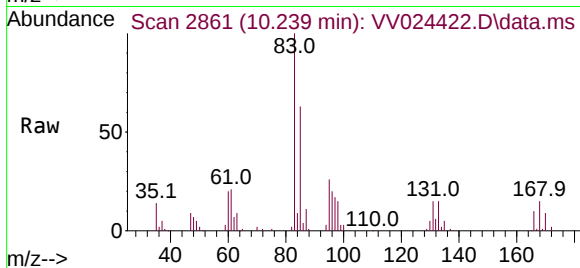




#57
 1,1,2,2-Tetrachloroethane
 Concen: 47.157 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

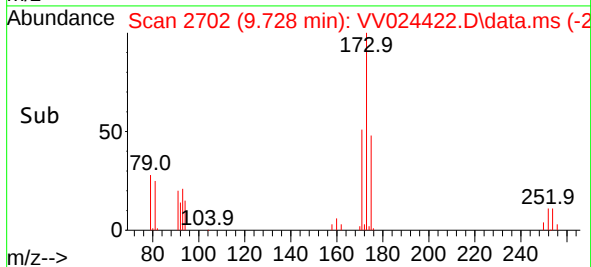
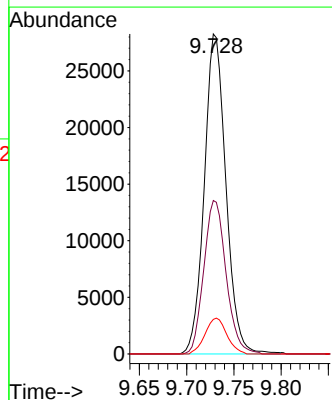
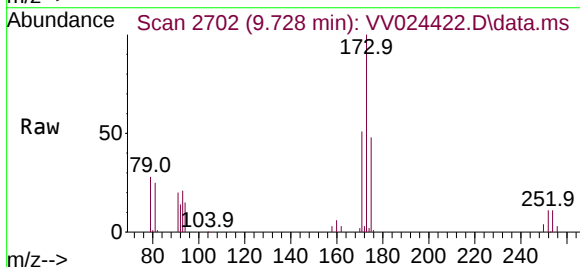
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050277

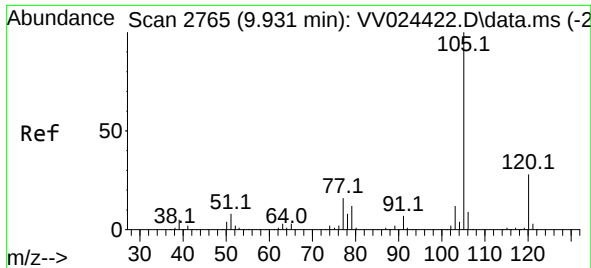
Tgt Ion:	83	Resp:	49868
Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.2	82.0
131	14.9	11.9	17.9



#59
 Bromoform
 Concen: 50.226 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

Tgt Ion:	173	Resp:	45022
Ion	Ratio	Lower	Upper
173	100		
175	49.3	39.4	59.2
254	11.3	9.0	13.6

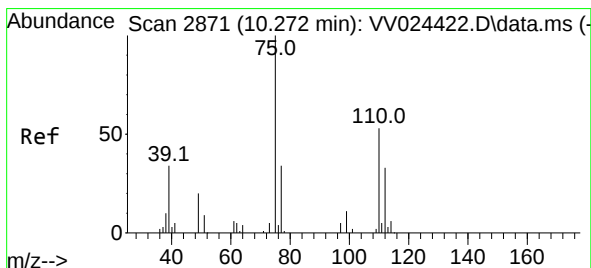
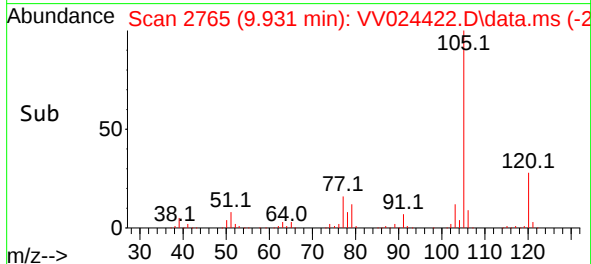
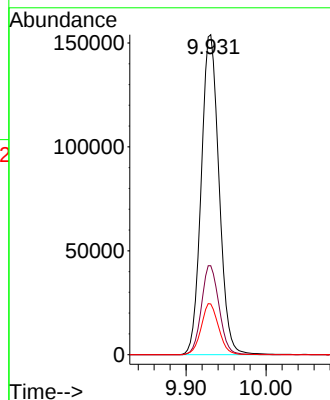
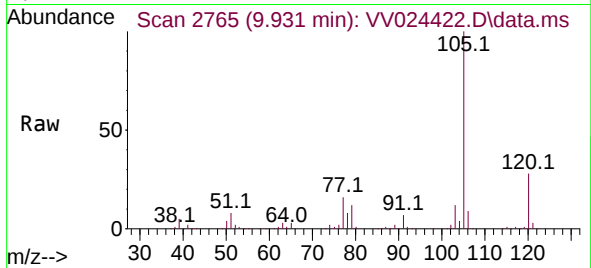




#60
Isopropylbenzene
Concen: 49.780 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

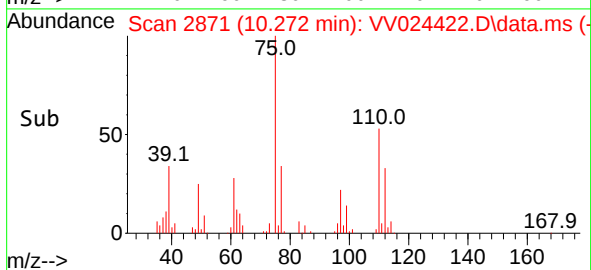
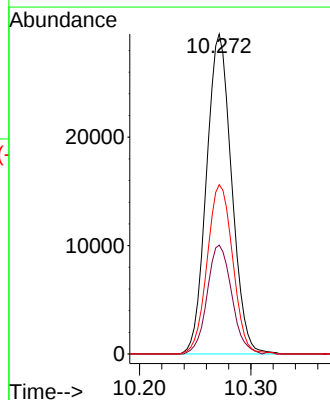
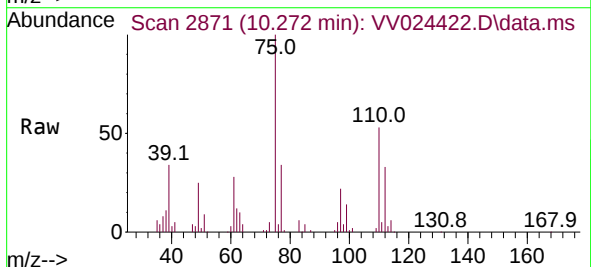
Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

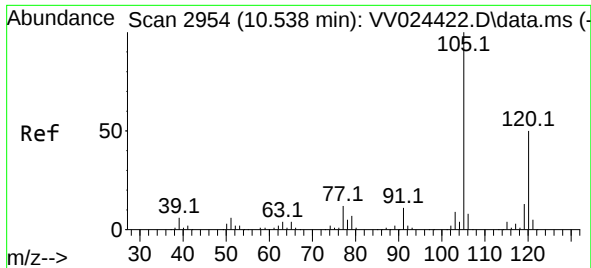
Tgt Ion:105 Resp: 238501
Ion Ratio Lower Upper
105 100
120 27.6 22.1 33.1
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 47.348 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion: 75 Resp: 46400
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 53.8 43.0 64.6





#62

1,3,5-Trimethylbenzene

Concen: 47.442 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

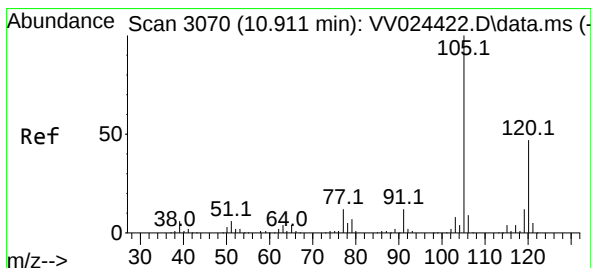
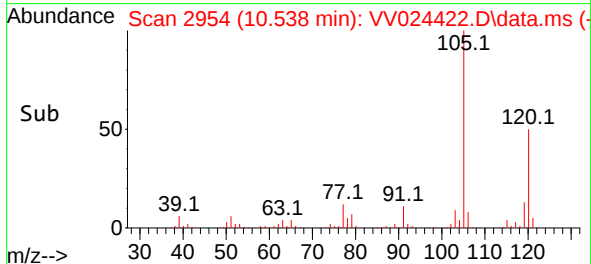
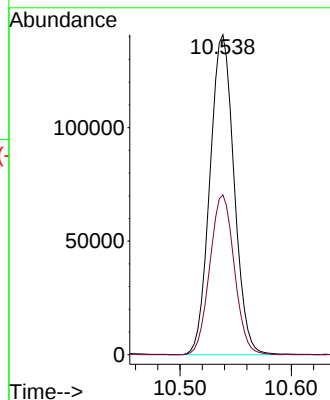
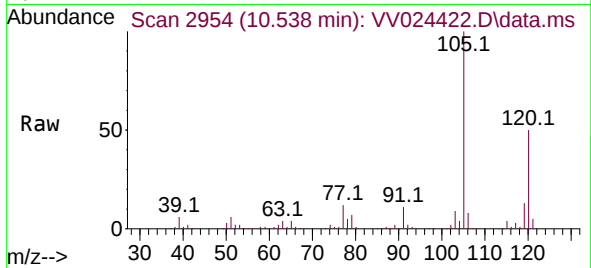
VSTD050277

Tgt Ion:105 Resp: 212335

Ion Ratio Lower Upper

105 100

120 50.6 40.5 60.7



#63

1,2,4-Trimethylbenzene

Concen: 48.483 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024422.D

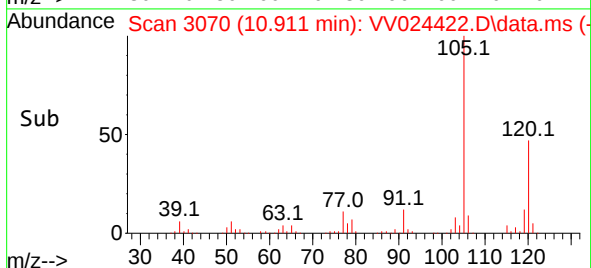
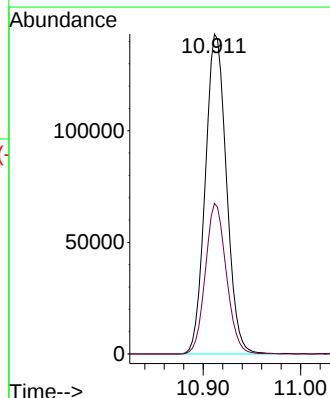
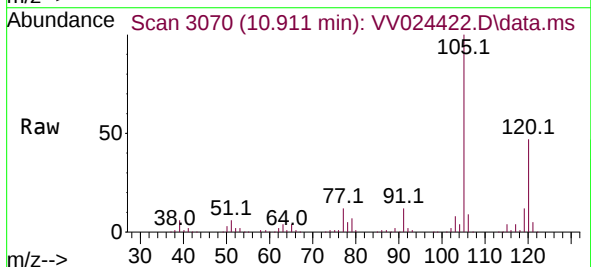
Acq: 21 Jan 2022 13:20

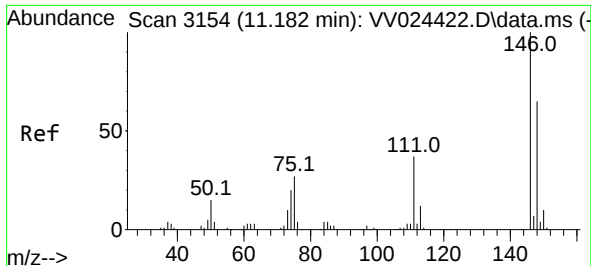
Tgt Ion:105 Resp: 216210

Ion Ratio Lower Upper

105 100

120 46.6 37.3 55.9

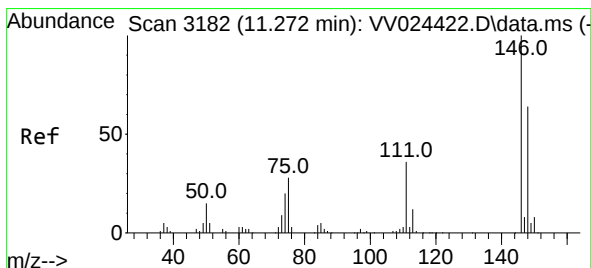
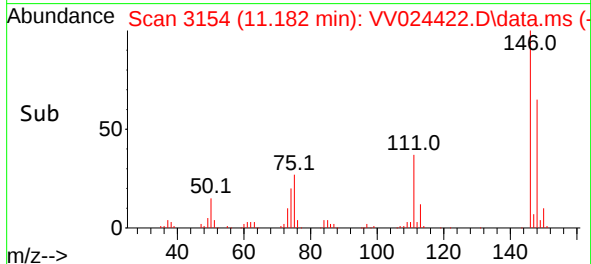
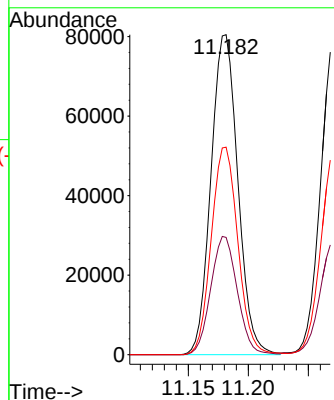
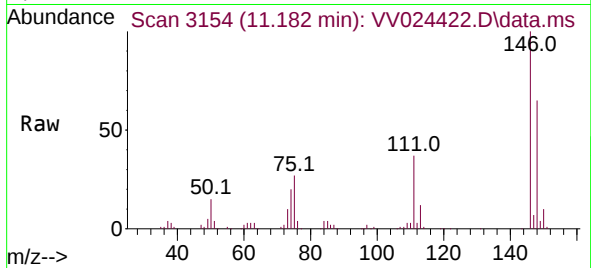




#64
 1,3-Dichlorobenzene
 Concen: 46.514 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

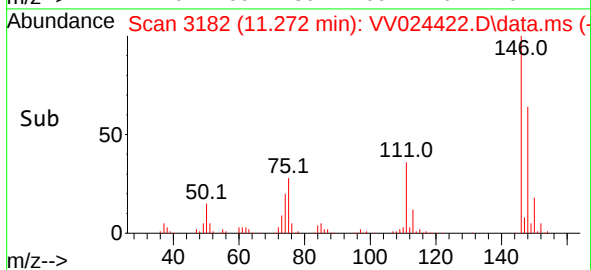
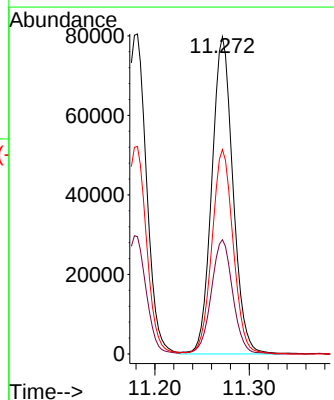
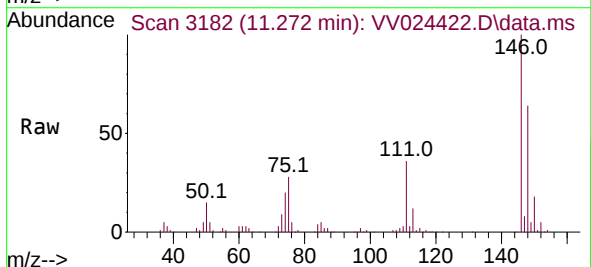
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050277

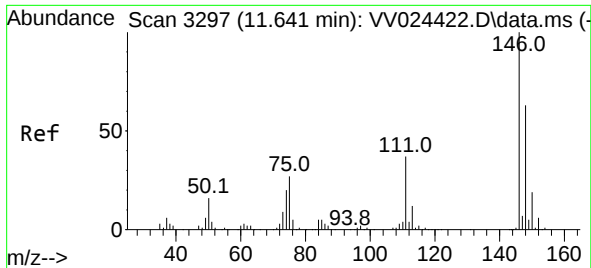
Tgt Ion:146 Resp: 125420
 Ion Ratio Lower Upper
 146 100
 111 36.7 25.7 47.7
 148 64.8 45.4 84.2



#65
 1,4-Dichlorobenzene
 Concen: 45.942 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV024422.D
 Acq: 21 Jan 2022 13:20

Tgt Ion:146 Resp: 124145
 Ion Ratio Lower Upper
 146 100
 111 36.0 25.2 46.8
 148 64.5 45.1 83.9

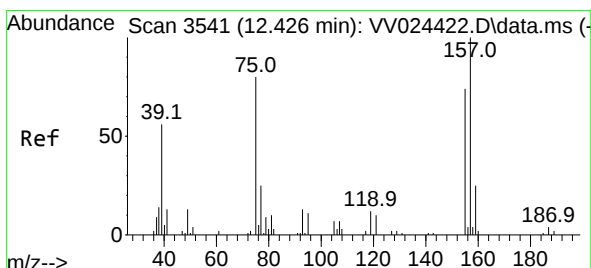
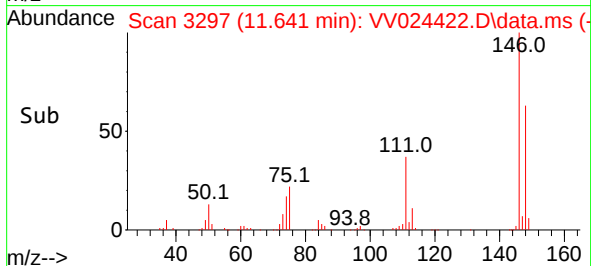
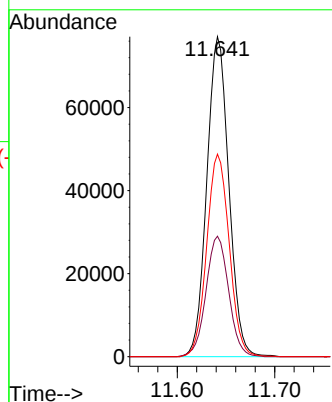
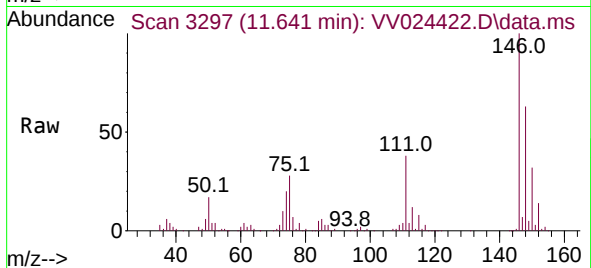




#67
1,2-Dichlorobenzene
Concen: 46.241 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

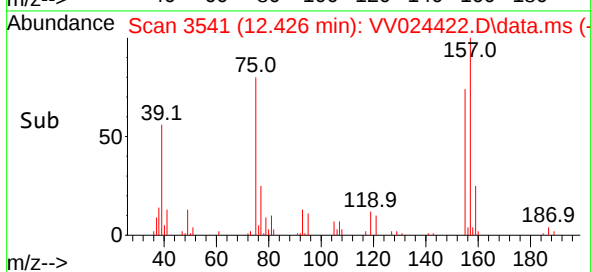
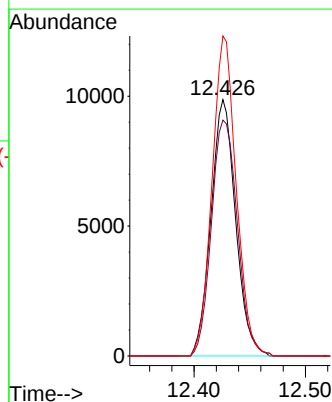
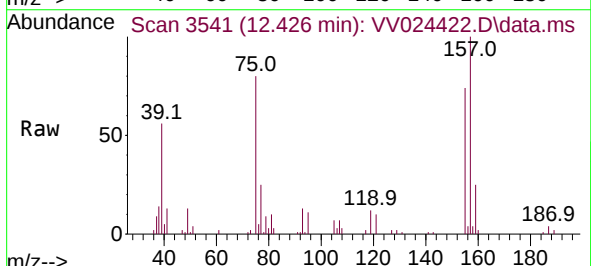
Instrument :
MSVOA_V
ClientSampleId :
VSTD050277

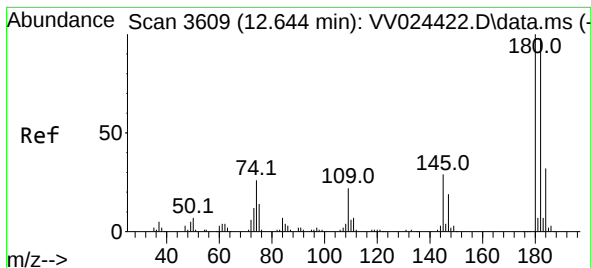
Tgt Ion:146 Resp: 120865
Ion Ratio Lower Upper
146 100
111 37.7 30.2 45.2
148 63.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 47.391 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024422.D
Acq: 21 Jan 2022 13:20

Tgt Ion: 75 Resp: 15172
Ion Ratio Lower Upper
75 100
155 92.0 73.6 110.4
157 124.8 99.8 149.8





#69

1,3,5-Trichlorobenzene

Concen: 45.685 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050277

Tgt Ion:180 Resp: 99094

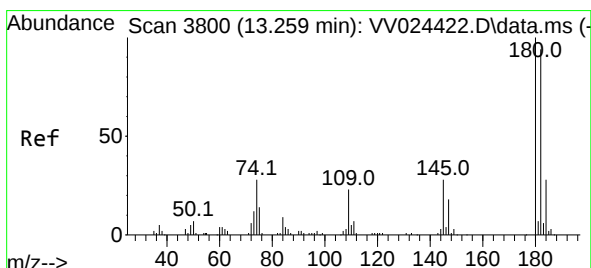
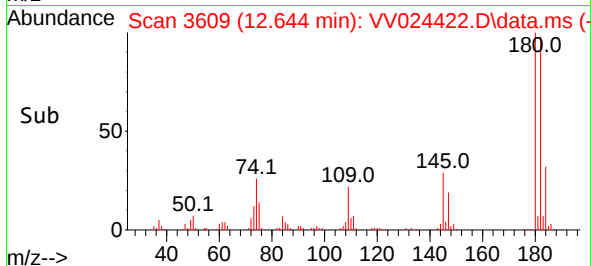
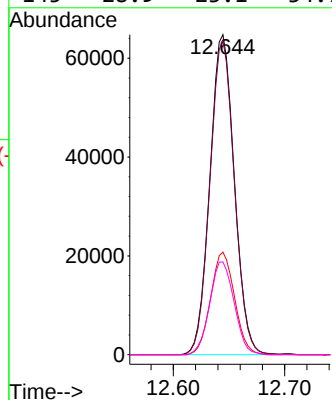
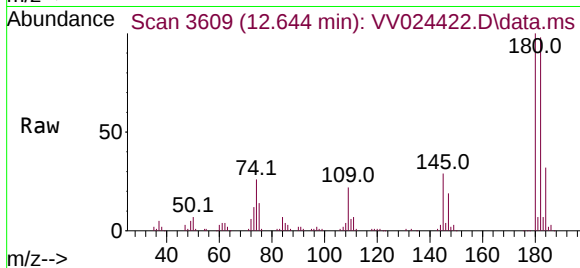
Ion Ratio Lower Upper

180 100

182 97.5 78.0 117.0

184 31.4 25.1 37.7

145 28.9 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 45.808 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

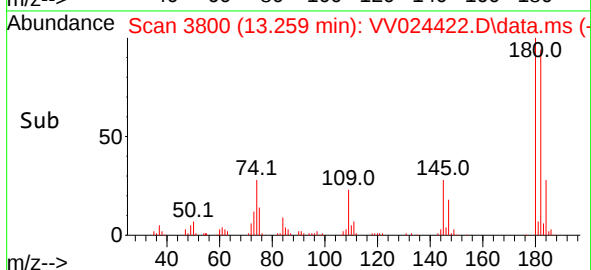
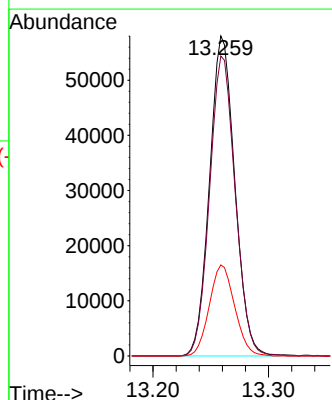
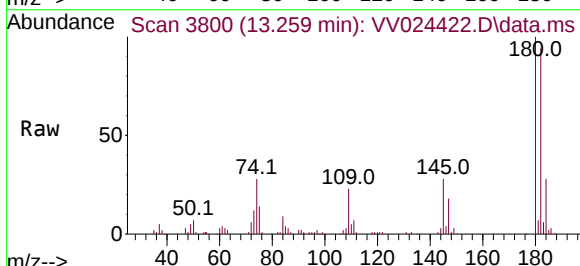
Tgt Ion:180 Resp: 88190

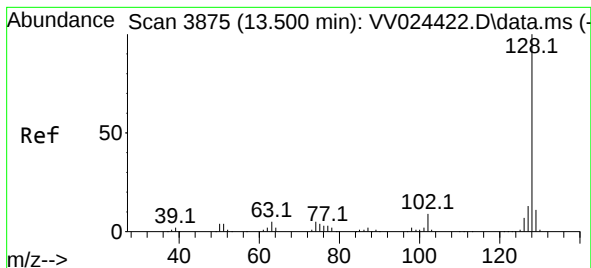
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

145 28.5 22.8 34.2





#71

Naphthalene

Concen: 46.518 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Instrument :

MSVOA_V

ClientSampleId :

VSTD050277

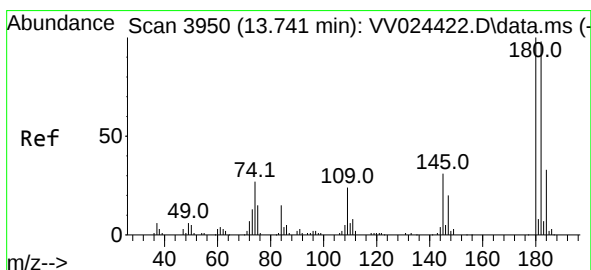
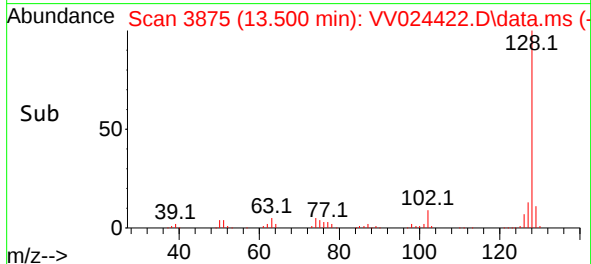
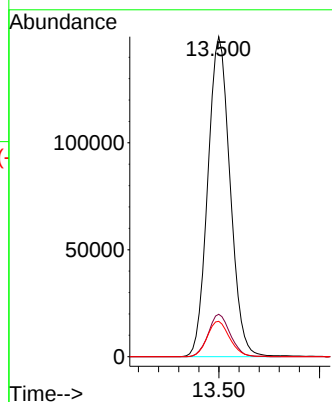
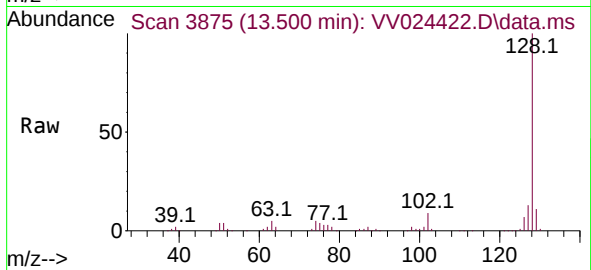
Tgt Ion:128 Resp: 230012

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 45.613 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV024422.D

Acq: 21 Jan 2022 13:20

Tgt Ion:180 Resp: 83673

Ion Ratio Lower Upper

180 100

182 97.6 78.1 117.1

145 31.3 25.0 37.6

