

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024176.D
 Acq On : 27 Dec 2021 12:36
 Operator : SY/MD
 Sample : VSTD02069
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 04:50:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111092	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	116798	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74688	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	183020	28.154	ug/L	0.00
7) Chloroethane-d5	1.568	69	151547	27.828	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	441861	33.056	ug/L	0.00
20) 2-Butanone-d5	3.905	46	246639	211.457	ug/L	0.00
24) Chloroform-d	4.346	84	394453	27.278	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	178424	26.549	ug/L	0.00
32) Benzene-d6	5.050	84	723001	28.749	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	195867	26.587	ug/L	0.00
41) Toluene-d8	7.313	98	723997	31.189	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	87648	28.522	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	340942	263.931	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	139681	23.836	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	285614	26.856	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	545841	42.526	ug/L	99
3) Chloromethane	1.240	50	402982	38.955	ug/L	98
5) Vinyl chloride	1.310	62	426962	38.789	ug/L	99
6) Bromomethane	1.523	94	278633	39.904	ug/L	99
8) Chloroethane	1.584	64	244327	35.401	ug/L	97
9) Trichlorofluoromethane	1.754	101	687820	36.817	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	330379	34.290	ug/L	99
12) 1,1-Dichloroethene	2.118	96	324978	36.346	ug/L	95
13) Acetone	2.198	43	304852	307.195	ug/L	87
14) Carbon disulfide	2.294	76	1079567	40.283	ug/L	99
15) Methyl Acetate	2.442	43	89743	36.235	ug/L	98
16) Methylene chloride	2.507	84	325999	29.571	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	710604	36.612	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	356351	36.622	ug/L	99
19) 1,1-Dichloroethane	3.188	63	570958	33.585	ug/L	100
21) 2-Butanone	3.982	43	439648	310.285	ug/L	91
22) cis-1,2-Dichloroethene	3.908	96	366355	36.591	ug/L	98
23) Bromochloromethane	4.246	128	162808	35.015	ug/L	91
25) Chloroform	4.371	83	637527	33.656	ug/L	100
27) 1,2-Dichloroethane	5.130	62	360954	34.492	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	628779	35.283	ug/L	99
30) Cyclohexane	4.677	56	515505	36.692	ug/L	96
31) Carbon tetrachloride	4.828	117	582955	34.668	ug/L	99
33) Benzene	5.098	78	1351026	35.224	ug/L	100
34) Trichloroethene	5.912	95	374543	34.830	ug/L	98
35) Methylcyclohexane	6.130	83	583814	36.484	ug/L	97
37) 1,2-Dichloropropane	6.172	63	304626	33.672	ug/L	99
38) Bromodichloromethane	6.506	83	441975	34.448	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	494454	37.297	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	1571400	362.743	ug/L	97
42) Toluene	7.387	91	1547144	35.732	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	426813	36.755	ug/L	99

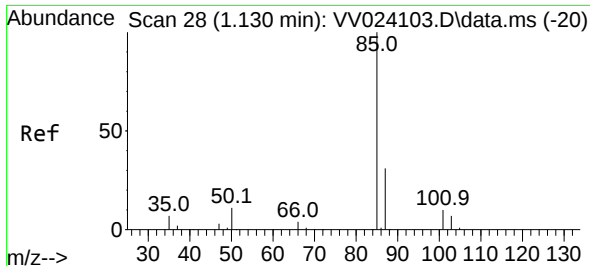
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122721\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:49:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	225075	33.785	ug/L	98
47) Tetrachloroethene	7.976	164	336145	35.403	ug/L	99
48) 2-Hexanone	8.140	43	1138674	363.359	ug/L	98
49) Dibromochloromethane	8.246	129	315303	34.876	ug/L	99
50) 1,2-Dibromoethane	8.352	107	217975	34.854	ug/L	94
51) Chlorobenzene	8.879	112	993445	34.806	ug/L	99
52) Ethylbenzene	9.011	91	1694361	37.330	ug/L	100
53) m,p-xylene	9.137	106	679525	37.468	ug/L	100
54) o-xylene	9.542	106	653713	37.687	ug/L	99
55) Styrene	9.558	104	1108061	37.989	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	230350	32.593	ug/L	98
59) Bromoform	9.731	173	173592	32.513	ug/L	99
60) Isopropylbenzene	9.931	105	1756765	34.842	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	178988	30.881	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	1545552	36.639	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	1581426	37.266	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	869451	33.569	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	866344	33.508	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	786178	33.420	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	42299	34.557	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	735853	34.674	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	592110	35.990	ug/L	98
71) Naphthalene	13.500	128	904527	37.687	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	507136	34.714	ug/L	99

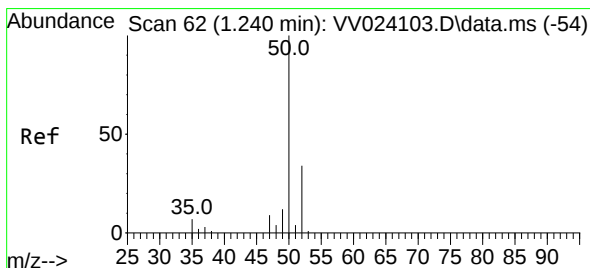
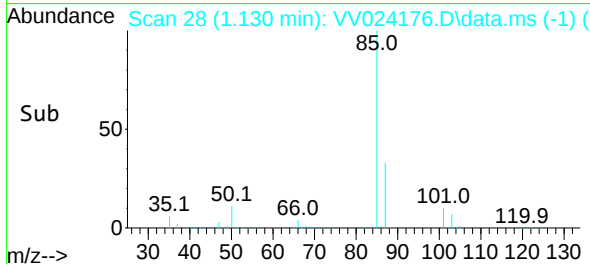
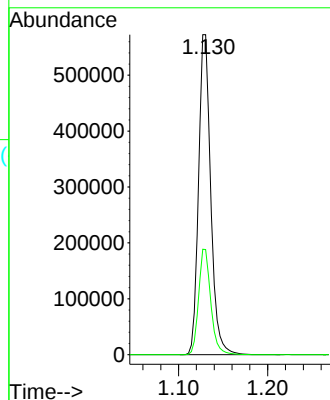
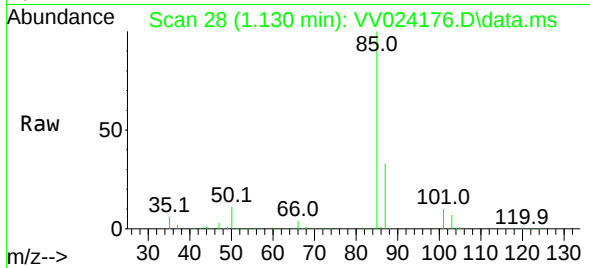
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 42.526 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

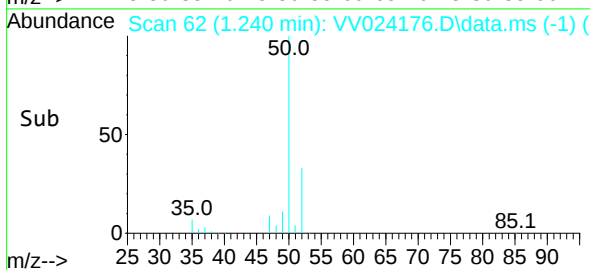
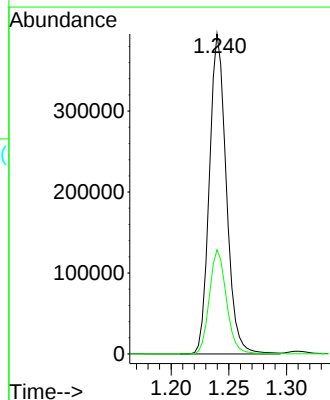
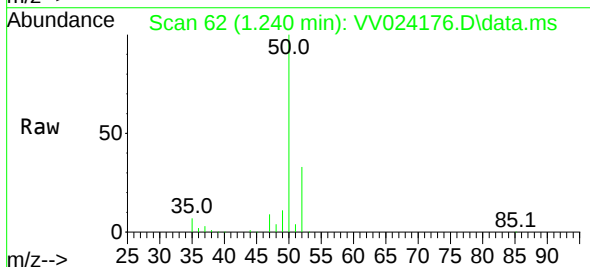
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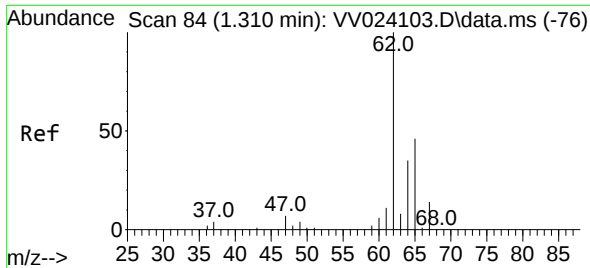
Tgt Ion: 85 Resp: 545841
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.0 39.0



#3
 Chloromethane
 Concen: 38.955 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

Tgt Ion: 50 Resp: 402982
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

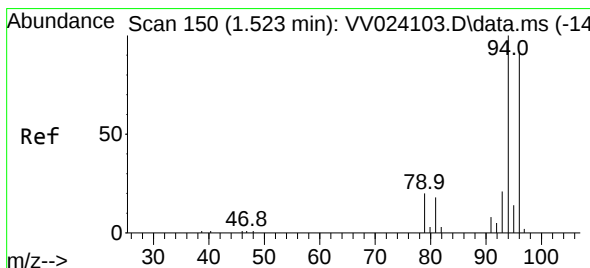
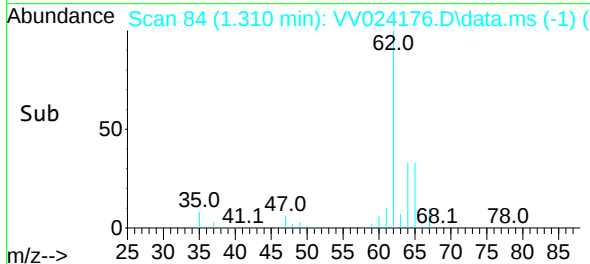
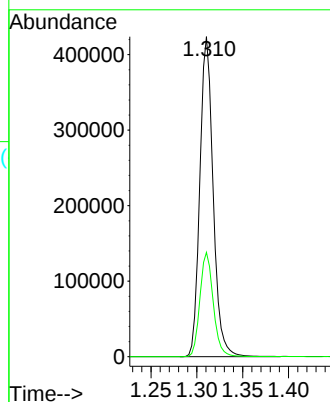
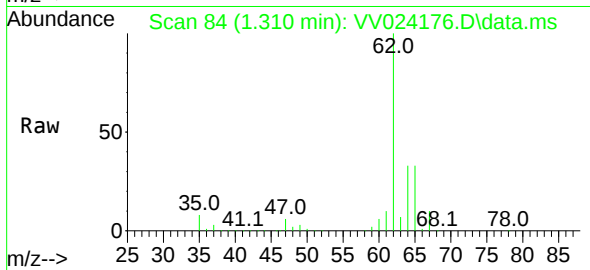




#5
 Vinyl chloride
 Concen: 38.789 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

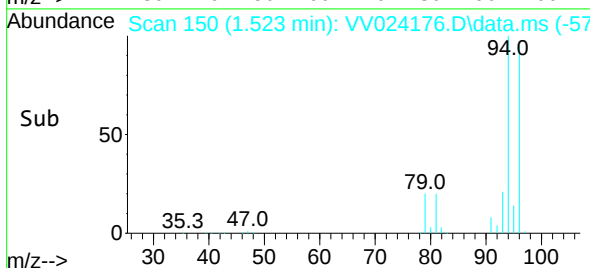
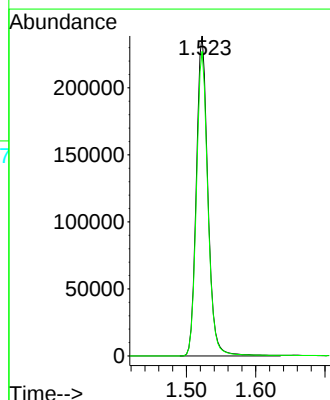
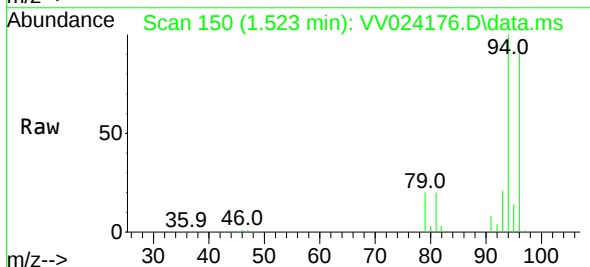
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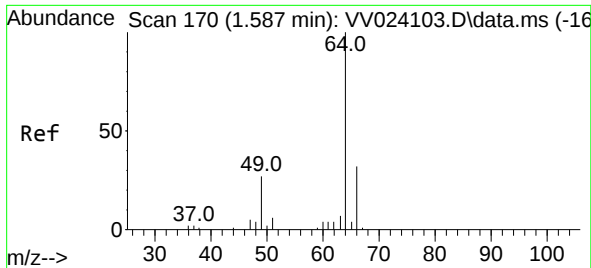
Tgt Ion: 62 Resp: 426962
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6



#6
 Bromomethane
 Concen: 39.904 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

Tgt Ion: 94 Resp: 278633
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.2 123.0

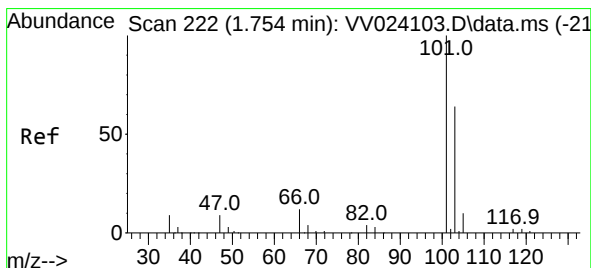
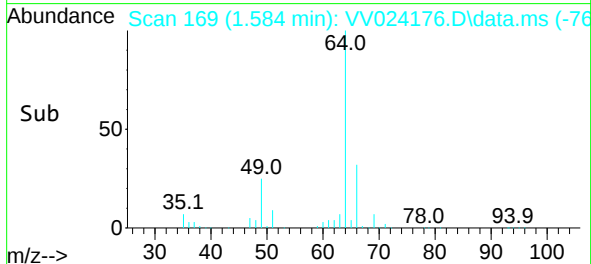
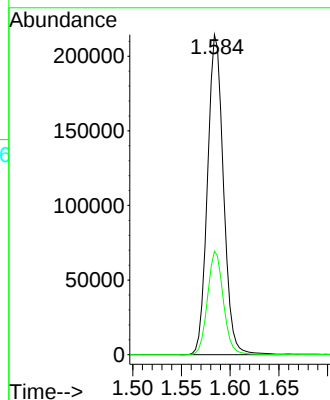
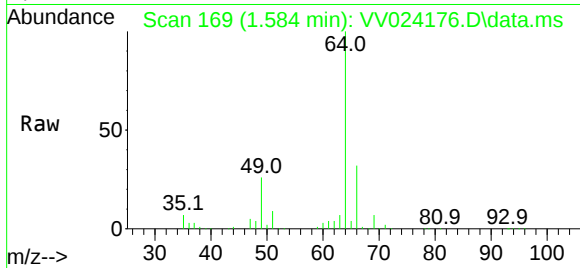




#8
Chloroethane
Concen: 35.401 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

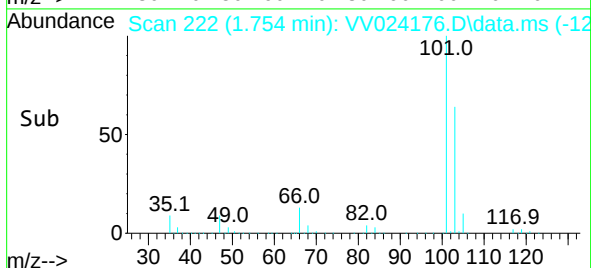
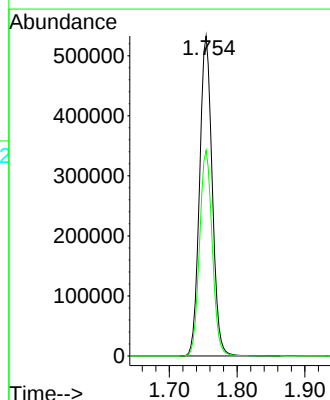
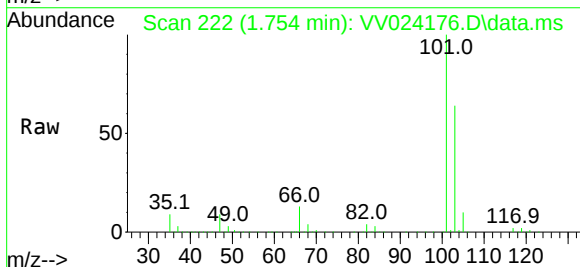
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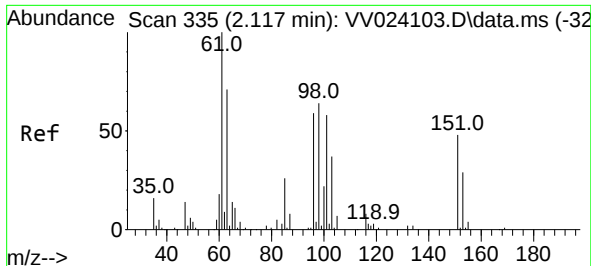
Tgt Ion: 64 Resp: 244327
Ion Ratio Lower Upper
64 100
66 32.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 36.817 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion:101 Resp: 687820
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

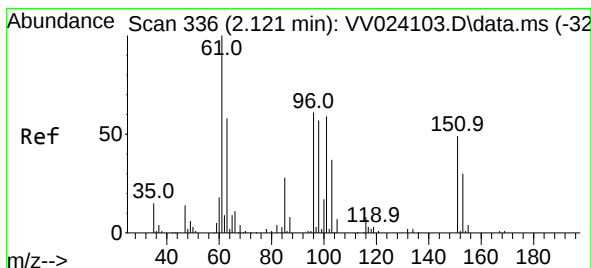
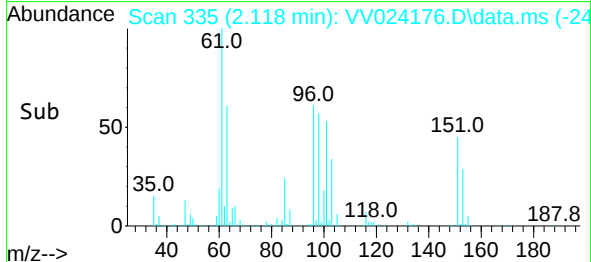
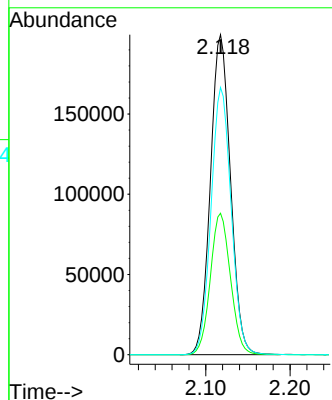
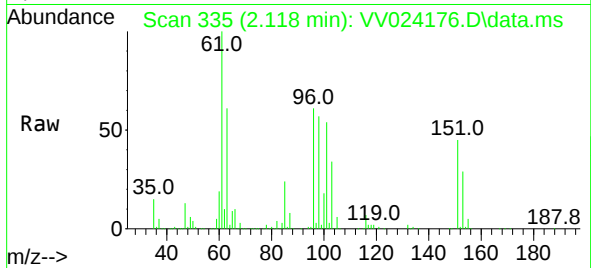




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 34.290 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

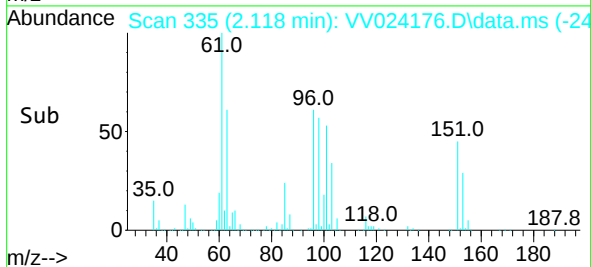
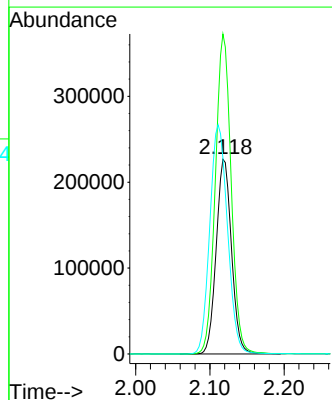
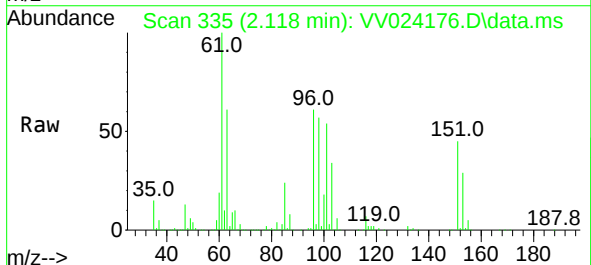
Instrument :
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 ClientSampleId :

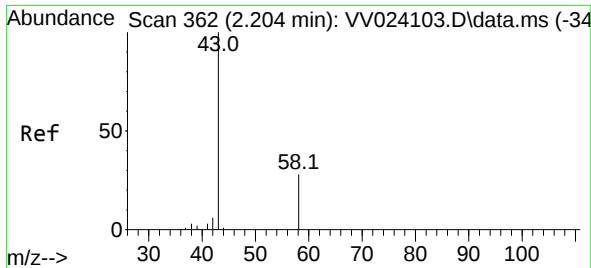
Tgt Ion:101 Resp: 330379
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.0 54.0
 151 83.8 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 36.346 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

Tgt Ion: 96 Resp: 324978
 Ion Ratio Lower Upper
 96 100
 61 164.3 116.1 215.5
 63 100.6 79.4 147.4





#13

Acetone

Concen: 307.195 ug/L

RT: 2.198 min Scan# 30

Delta R.T. -0.013 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

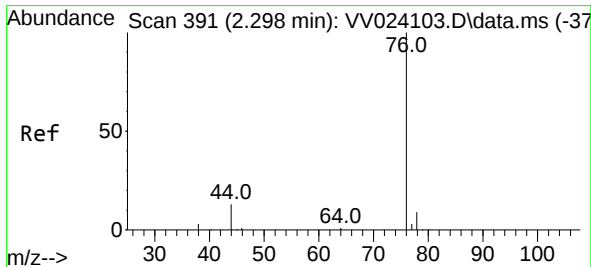
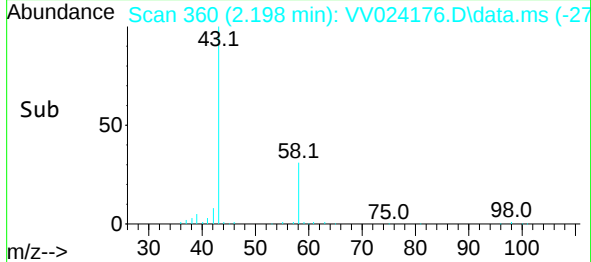
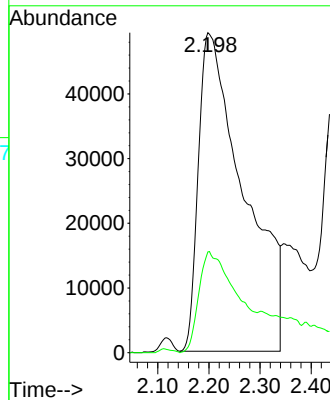
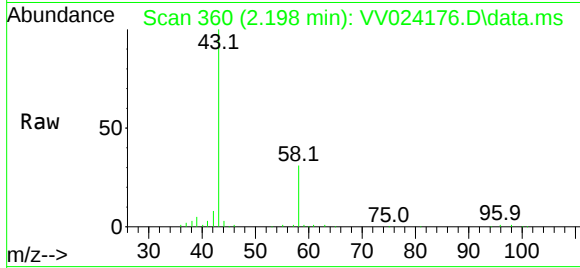
ClientSampleId :

Tgt Ion: 43 Resp: 304852

Ion Ratio Lower Upper

43 100

58 26.5 0.0 41.4



#14

Carbon disulfide

Concen: 40.283 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024176.D

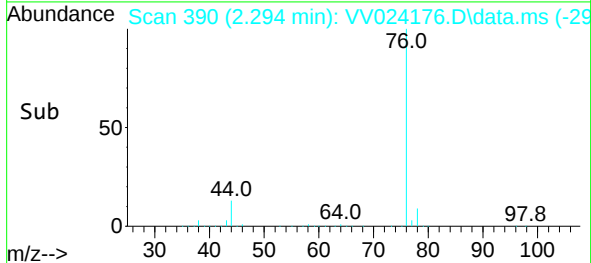
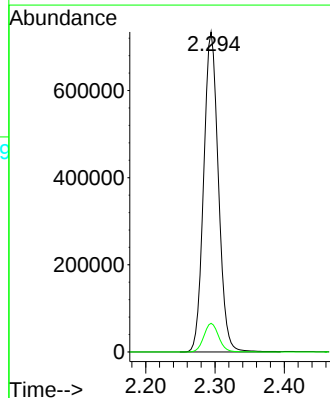
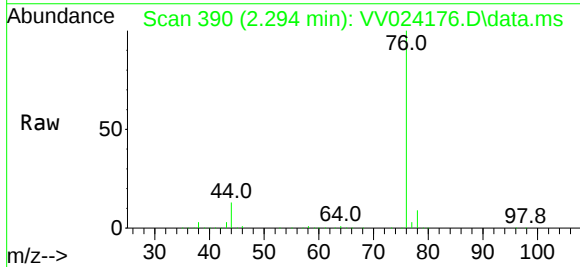
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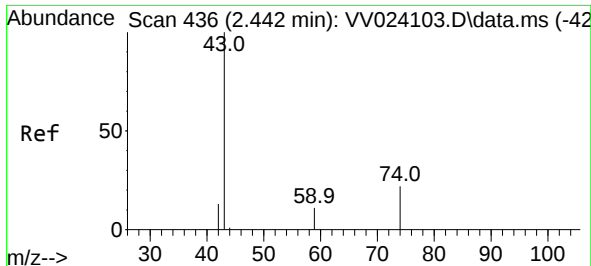
Tgt Ion: 76 Resp: 1079567

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

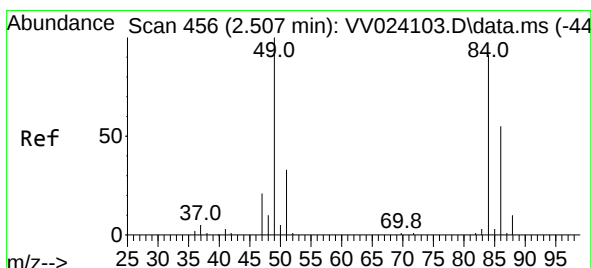
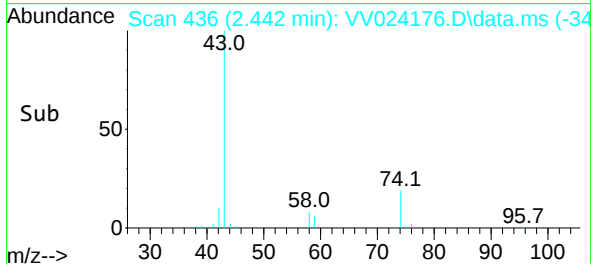
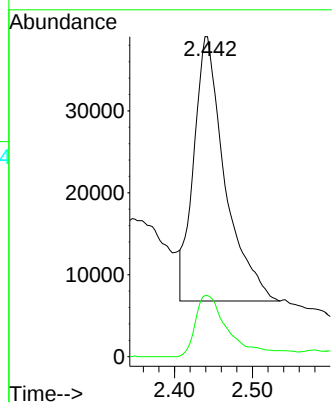
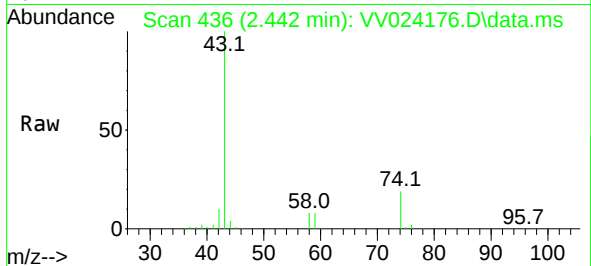




#15
Methyl Acetate
Concen: 36.235 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.003 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

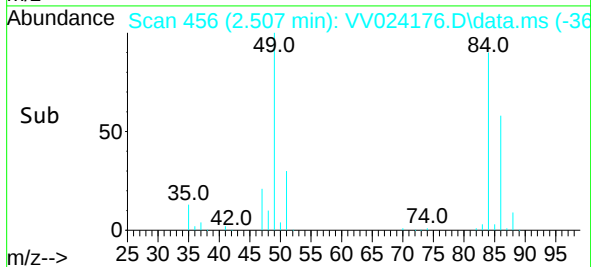
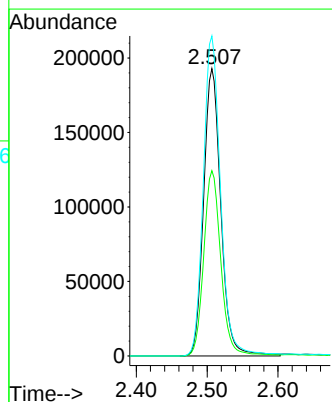
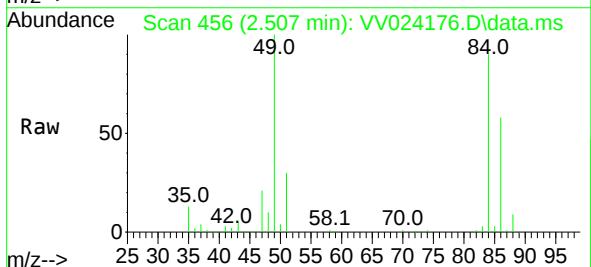
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ClientSampleId :

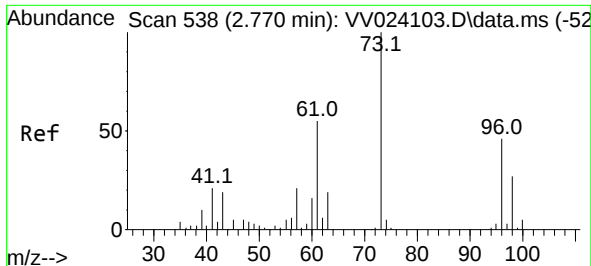
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Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2



#16
Methylene chloride
Concen: 29.571 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

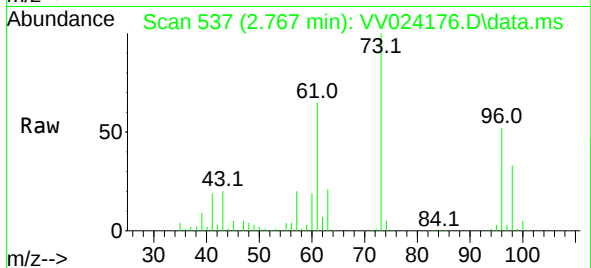
Tgt Ion: 84 Resp: 325999
Ion Ratio Lower Upper
84 100
86 64.5 42.6 79.0
49 111.3 79.7 147.9



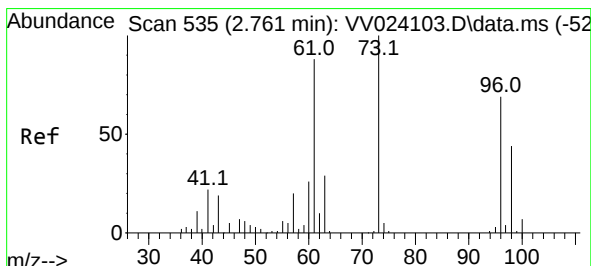
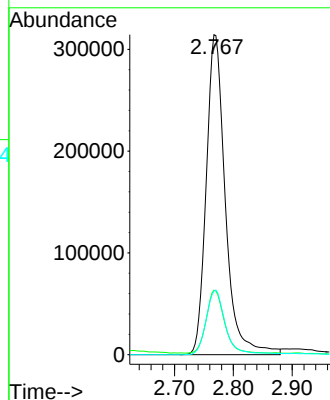
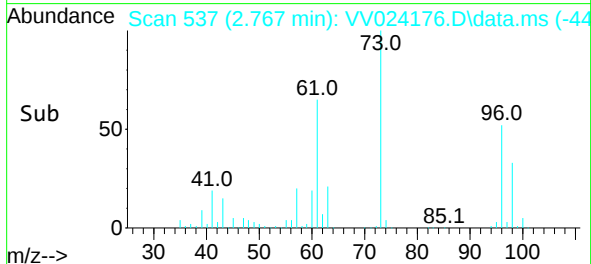


#17
Methyl tert-butyl Ether
Concen: 36.612 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Instrument :
MSVOA_V
ClientSampleId :

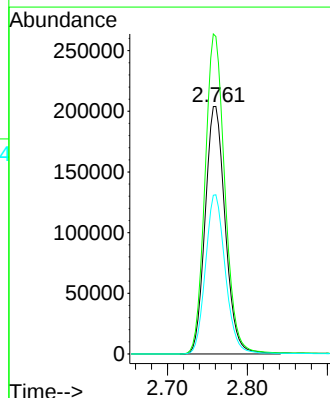
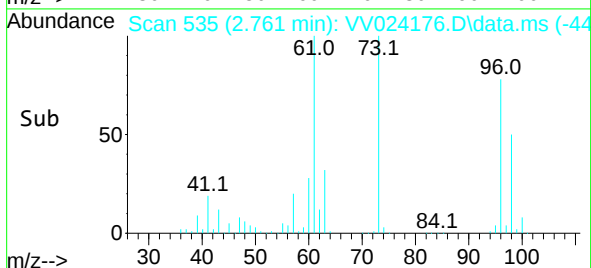
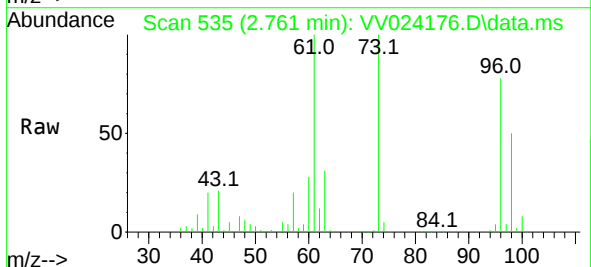


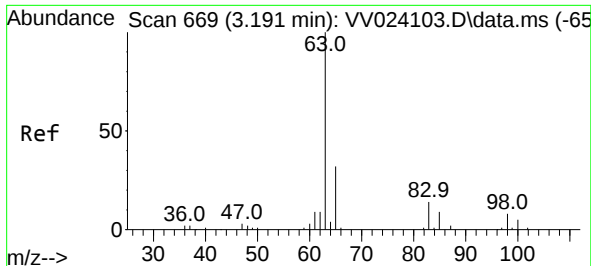
Tgt Ion: 73 Resp: 710604
Ion Ratio Lower Upper
73 100
43 18.4 15.5 23.3
57 19.9 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 36.622 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion: 96 Resp: 356351
Ion Ratio Lower Upper
96 100
61 128.3 88.2 163.8
98 64.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 33.585 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

ClientSampleId :

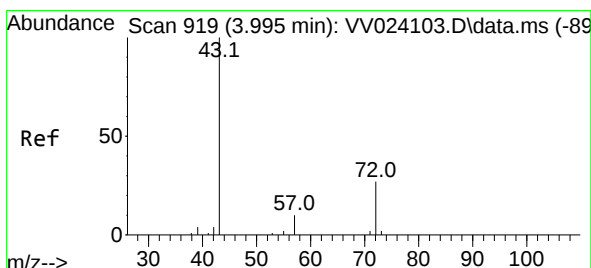
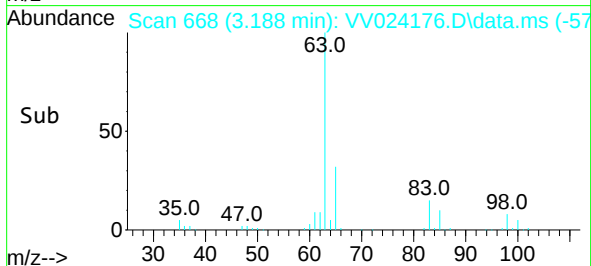
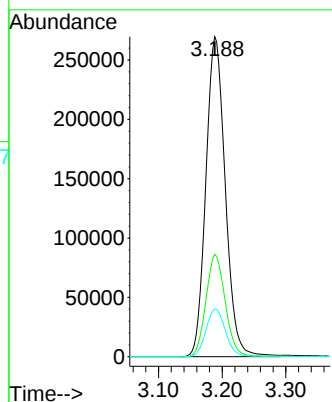
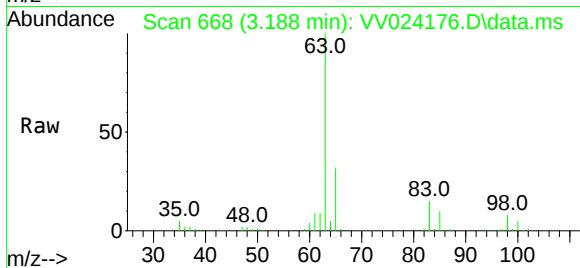
Tgt Ion: 63 Resp: 570958

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.3

83 14.9 10.7 19.9



#21

2-Butanone

Concen: 310.285 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.013 min

Lab File: VV024176.D

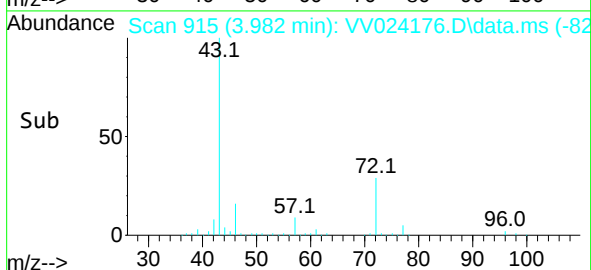
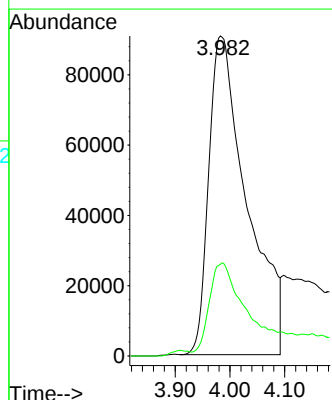
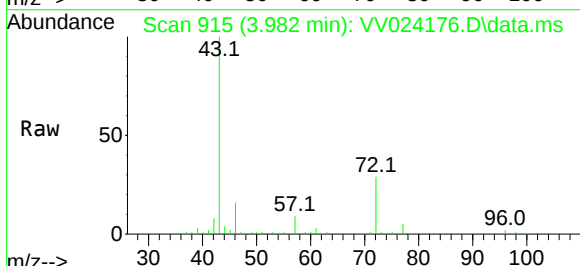
Acq: 27 Dec 2021 12:36

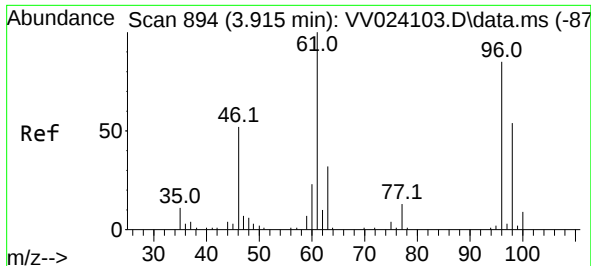
Tgt Ion: 43 Resp: 439648

Ion Ratio Lower Upper

43 100

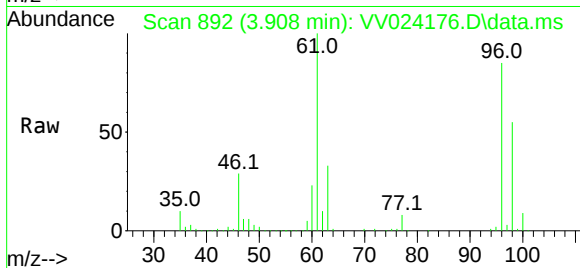
72 26.4 11.1 33.1





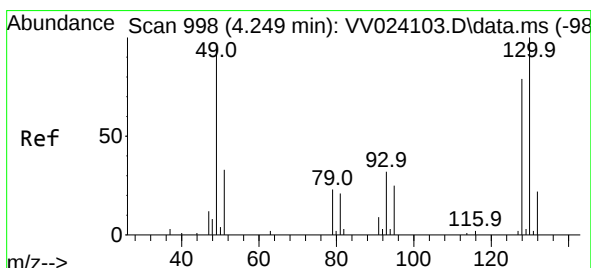
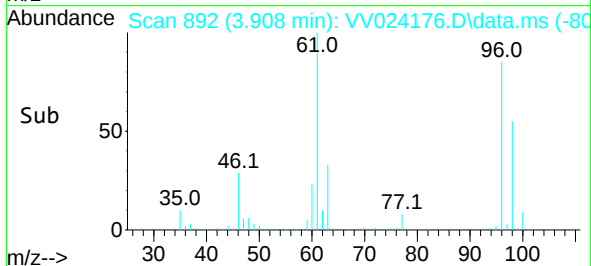
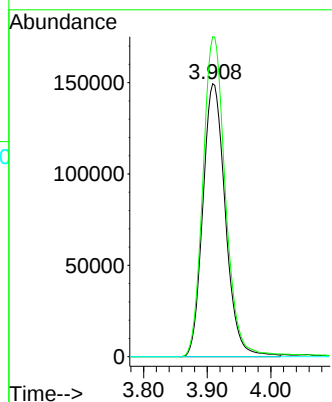
#22
 cis-1,2-Dichloroethene
 Concen: 36.591 ug/L
 RT: 3.908 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 366355

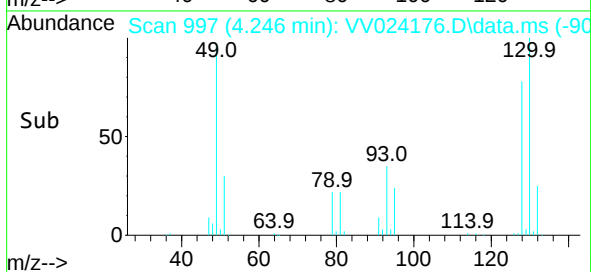
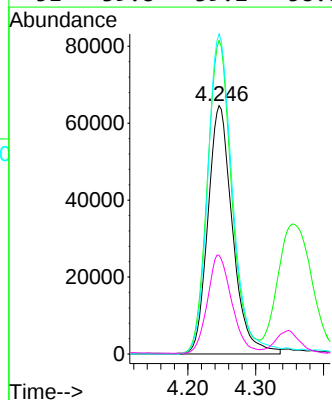
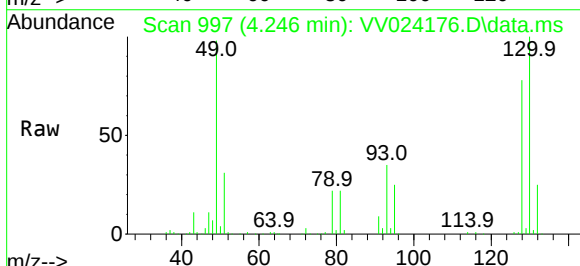
Ion	Ratio	Lower	Upper
96	100		
61	117.2	83.4	154.8
68	0.0	0.0	0.0

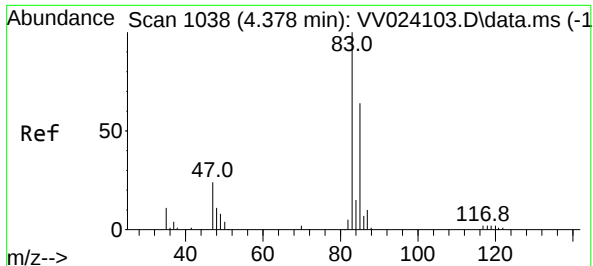


#23
 Bromochloromethane
 Concen: 35.015 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

Tgt Ion: 128 Resp: 162808

Ion	Ratio	Lower	Upper
128	100		
49	126.2	100.2	186.2
130	128.8	92.5	171.7
51	39.8	39.2	58.8





#25

Chloroform

Concen: 33.656 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

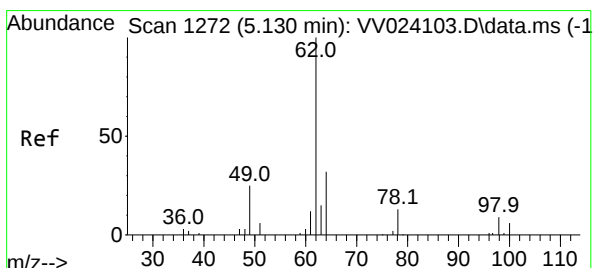
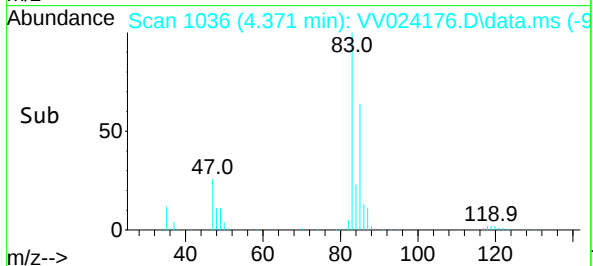
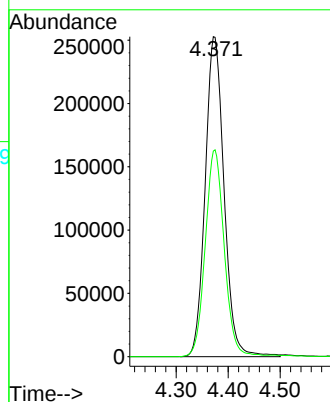
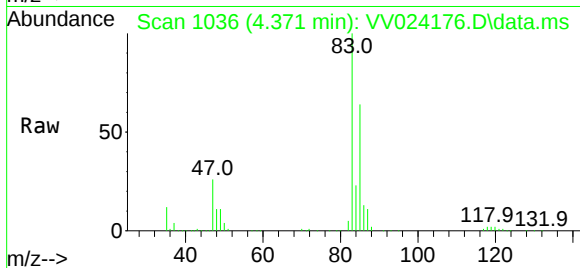
ClientSampleId :

Tgt Ion: 83 Resp: 637527

Ion Ratio Lower Upper

83 100

85 64.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 34.492 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV024176.D

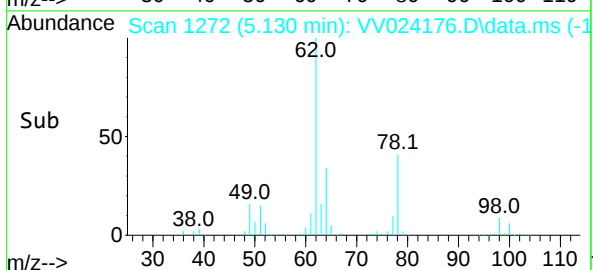
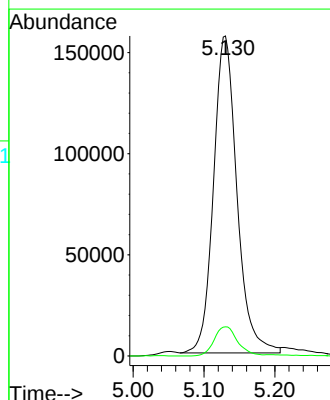
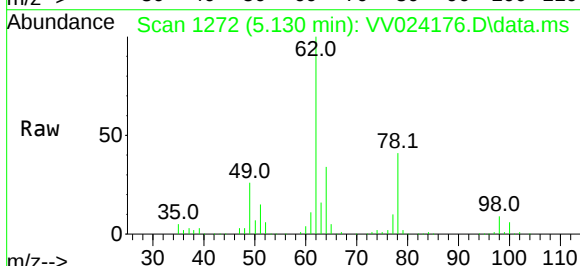
Acq: 27 Dec 2021 12:36

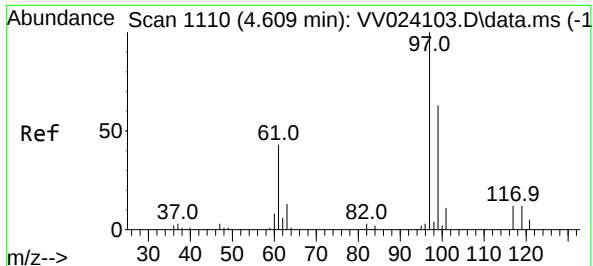
Tgt Ion: 62 Resp: 360954

Ion Ratio Lower Upper

62 100

98 9.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 35.283 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

ClientSampleId :

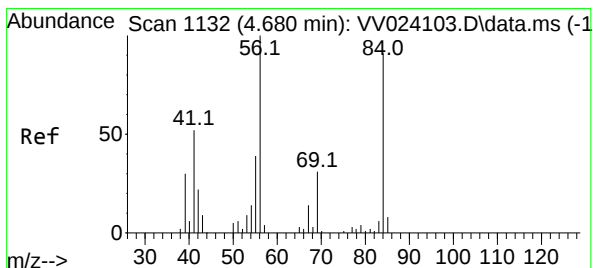
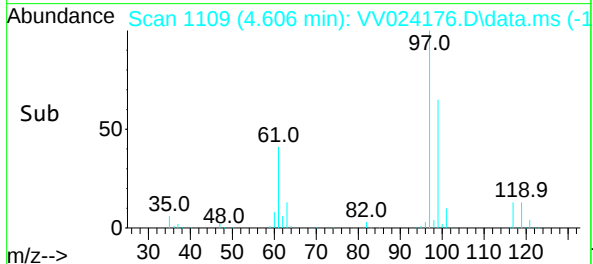
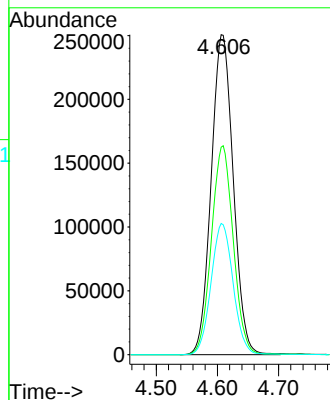
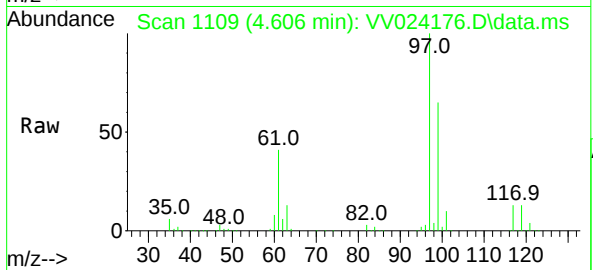
Tgt Ion: 97 Resp: 628779

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 41.0 33.2 49.8



#30

Cyclohexane

Concen: 36.692 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

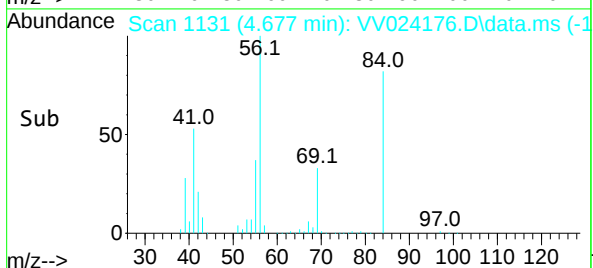
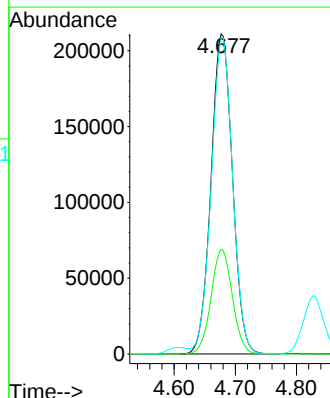
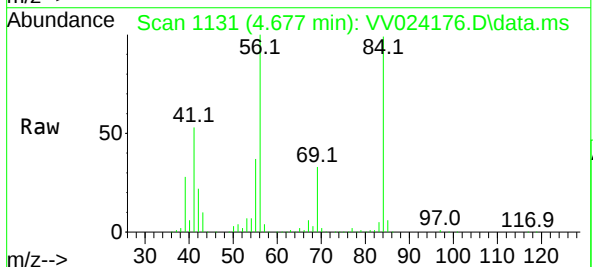
Tgt Ion: 56 Resp: 515505

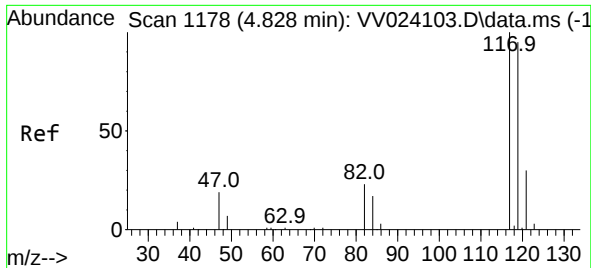
Ion Ratio Lower Upper

56 100

69 32.4 24.8 37.2

84 98.8 75.9 113.9

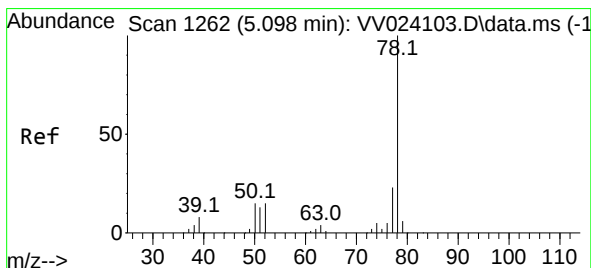
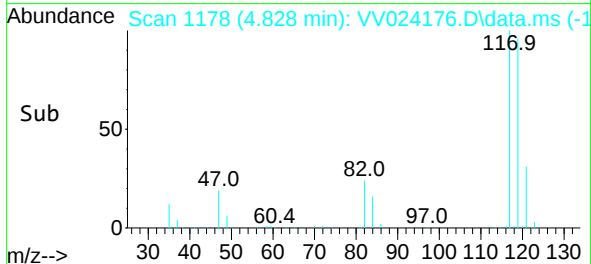
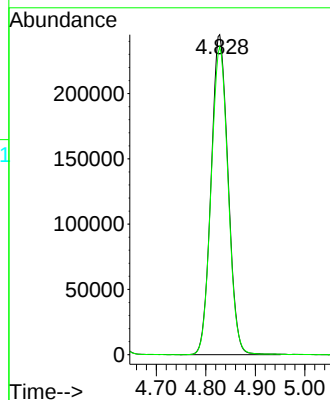
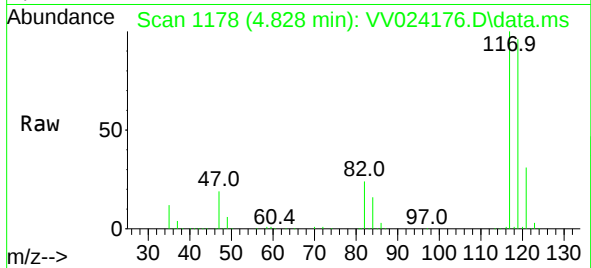




#31
Carbon tetrachloride
Concen: 34.668 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

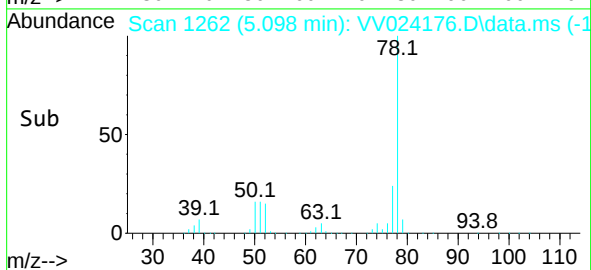
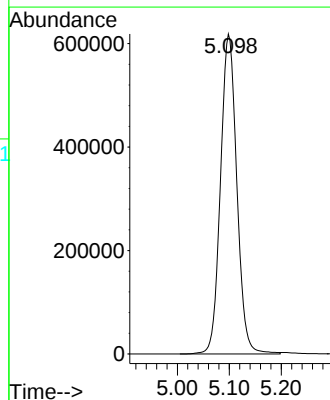
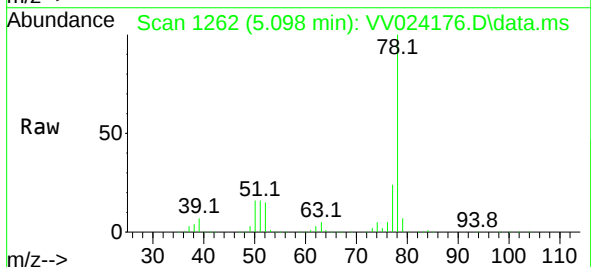
Instrument :
MSVOA_V
ClientSampleId :

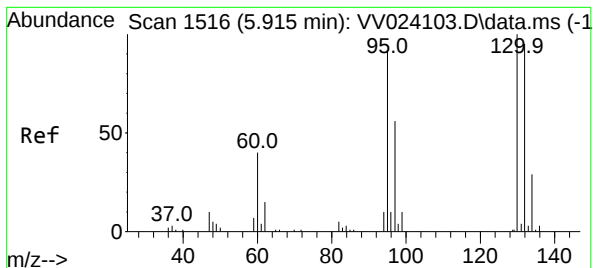
Tgt Ion:117 Resp: 582955
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8



#33
Benzene
Concen: 35.224 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion: 78 Resp: 1351026





#34

Trichloroethene

Concen: 34.830 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.000 min

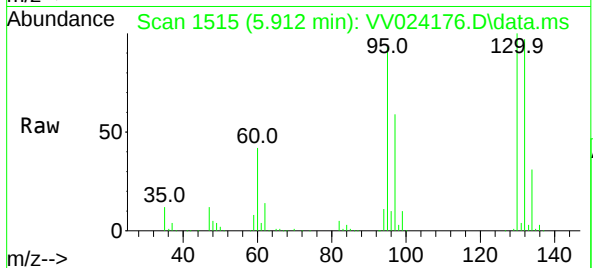
Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 374543

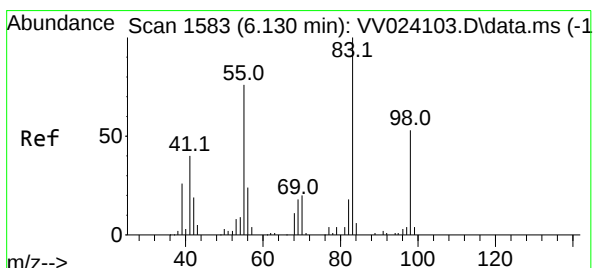
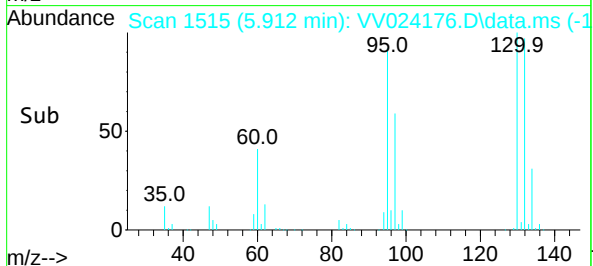
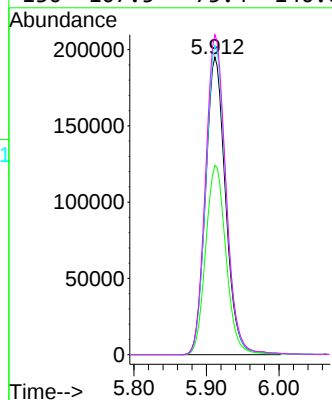
Ion Ratio Lower Upper

95 100

97 63.6 45.2 84.0

132 104.0 76.1 141.3

130 107.5 75.4 140.0



#35

Methylcyclohexane

Concen: 36.484 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

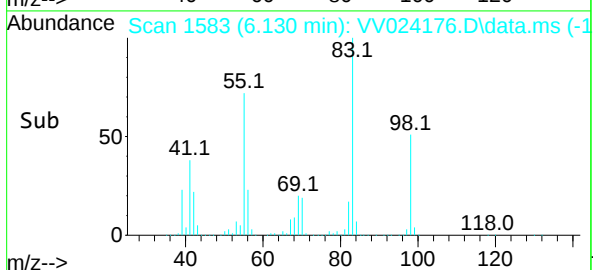
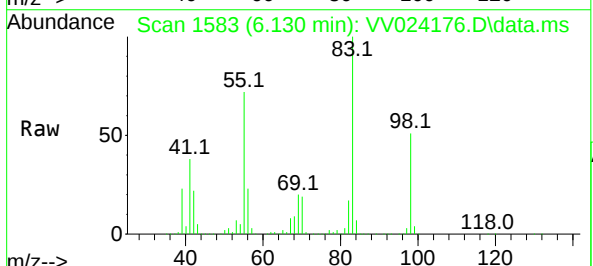
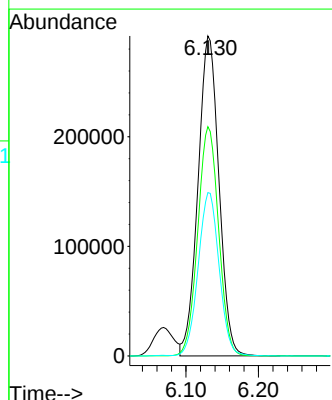
Tgt Ion: 83 Resp: 583814

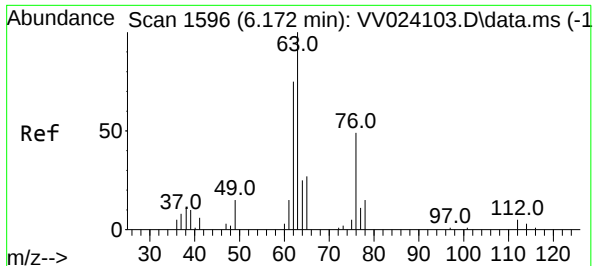
Ion Ratio Lower Upper

83 100

55 71.6 60.2 90.2

98 51.1 41.0 61.4





#37

1,2-Dichloropropane

Concen: 33.672 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

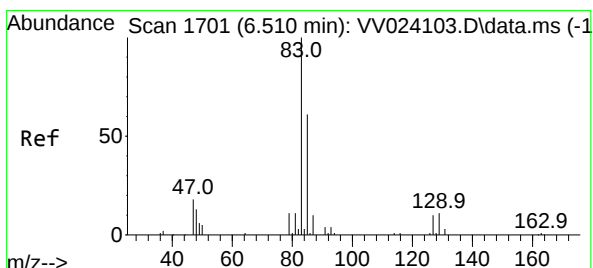
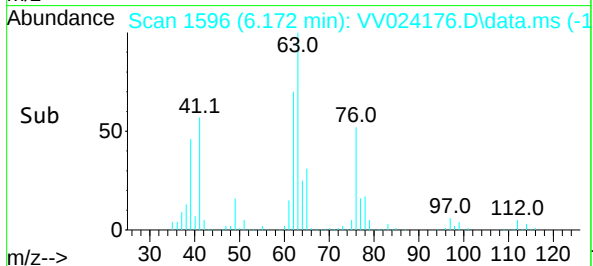
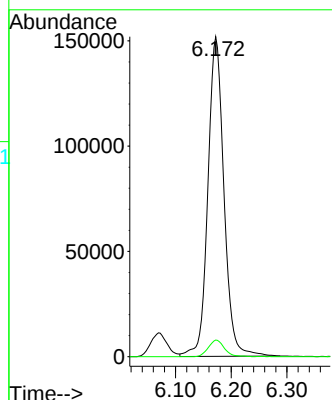
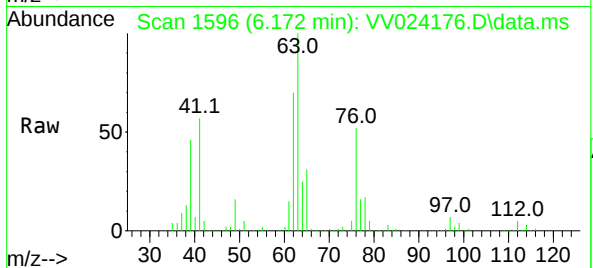
ClientSampleId :

Tgt Ion: 63 Resp: 304626

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 34.448 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

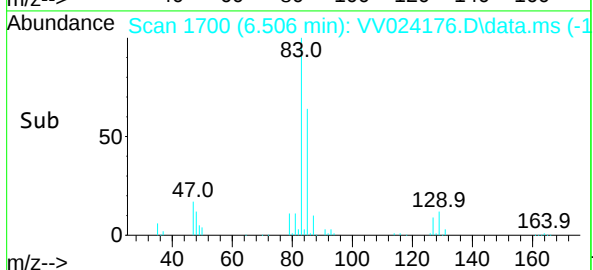
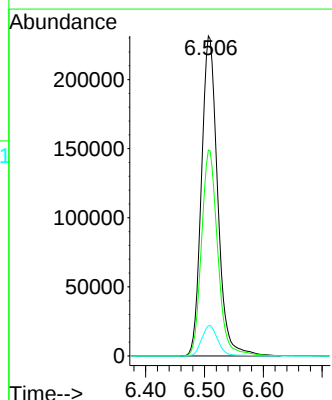
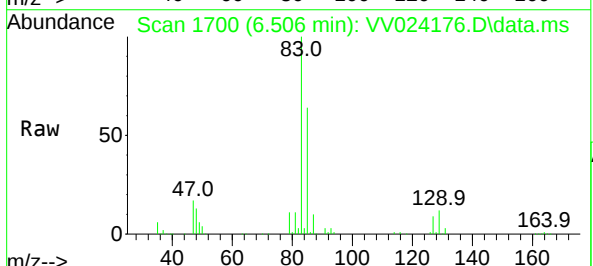
Tgt Ion: 83 Resp: 441975

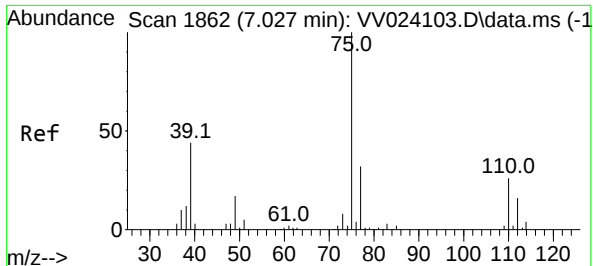
Ion Ratio Lower Upper

83 100

85 64.3 44.0 81.8

127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 37.297 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

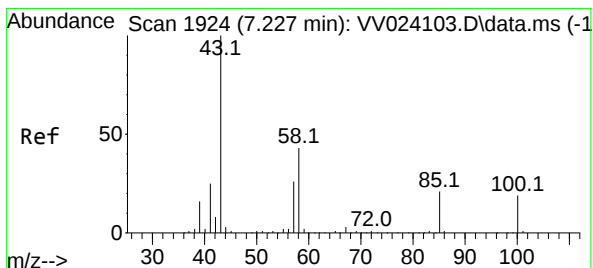
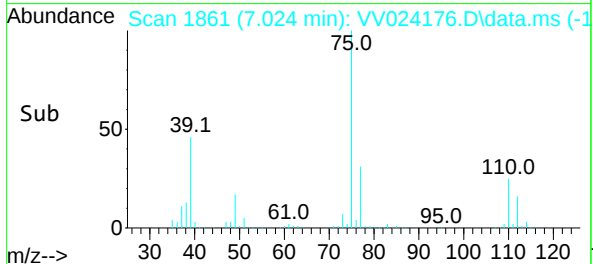
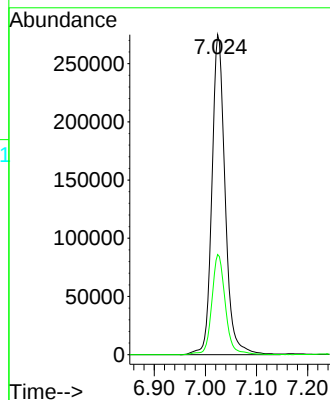
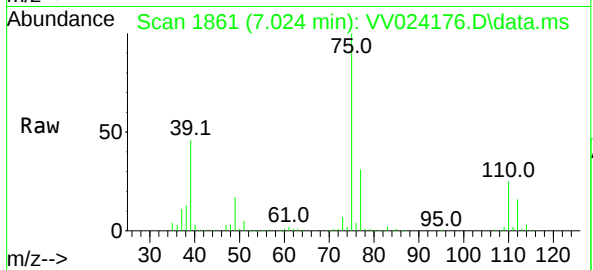
ClientSampleId :

Tgt Ion: 75 Resp: 494454

Ion Ratio Lower Upper

75 100

77 31.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 362.743 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

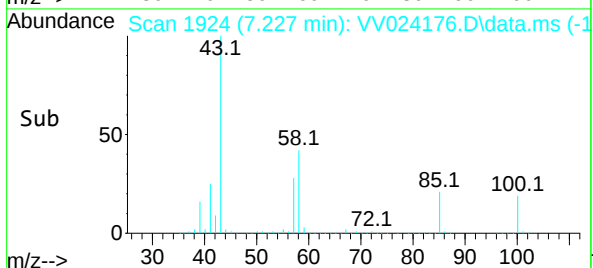
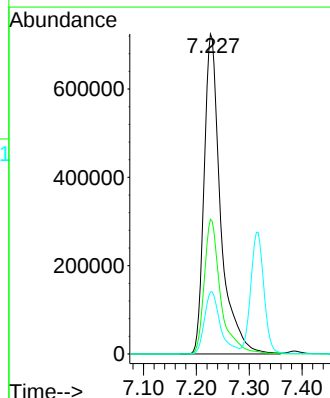
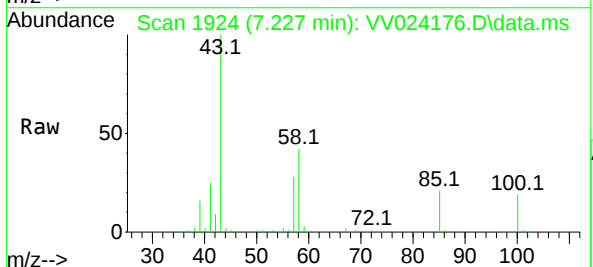
Tgt Ion: 43 Resp: 1571400

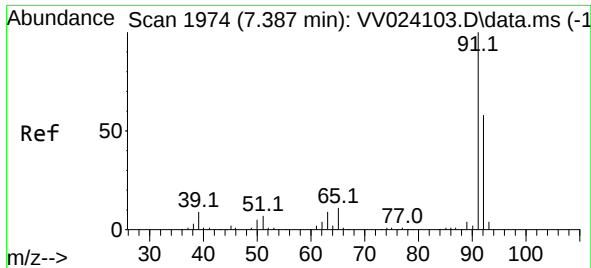
Ion Ratio Lower Upper

43 100

58 41.9 32.3 48.5

100 18.8 13.0 19.6





#42

Toluene

Concen: 35.732 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

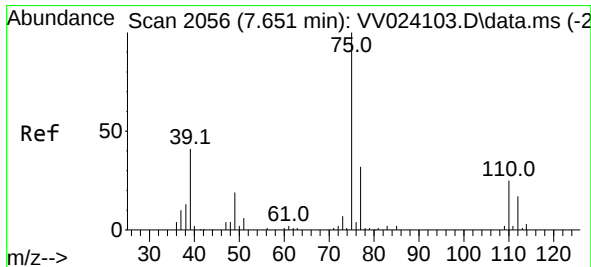
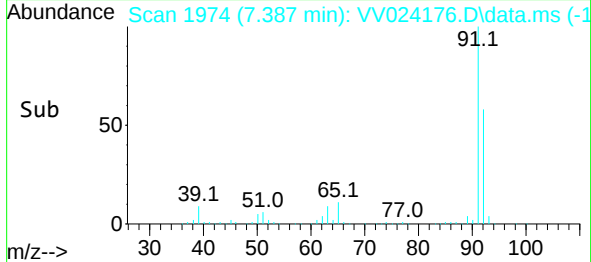
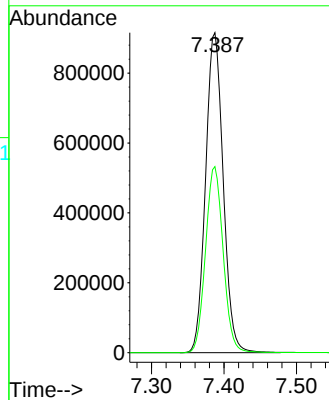
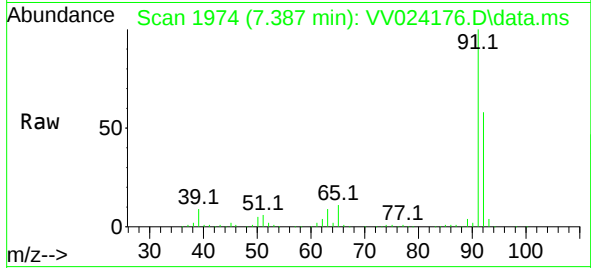
ClientSampleId :

Tgt Ion: 91 Resp: 1547144

Ion Ratio Lower Upper

91 100

92 58.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 36.755 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV024176.D

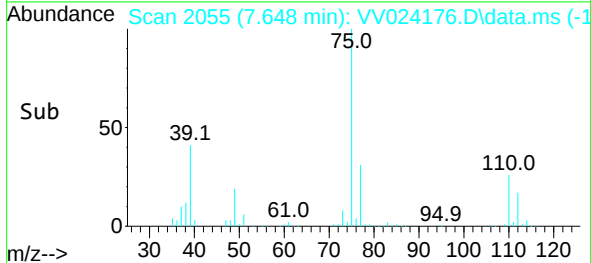
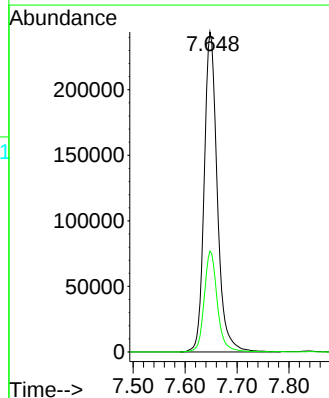
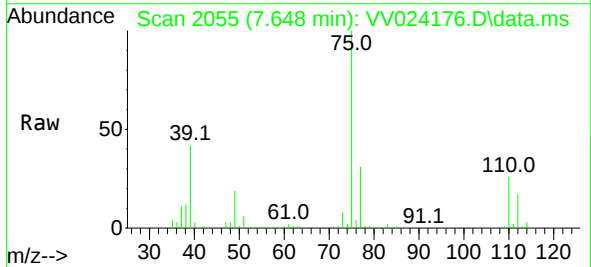
Acq: 27 Dec 2021 12:36

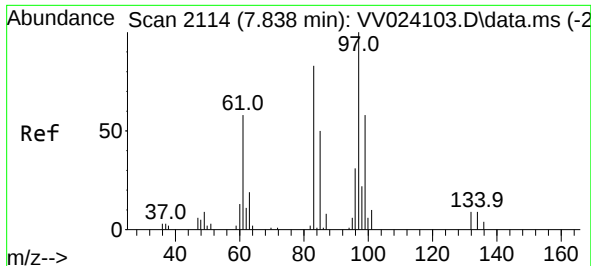
Tgt Ion: 75 Resp: 426813

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 33.785 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 225075

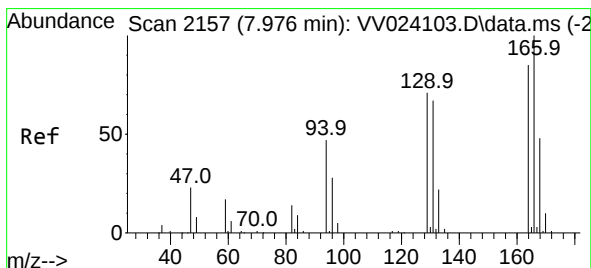
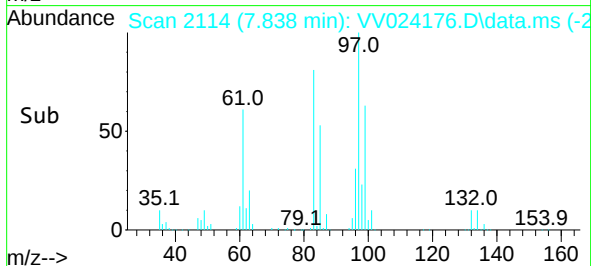
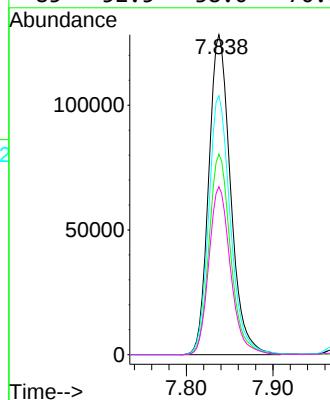
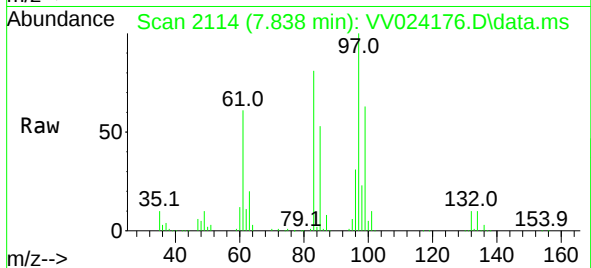
Ion Ratio Lower Upper

97 100

99 62.7 43.1 80.1

83 81.0 57.9 107.5

85 52.5 38.0 70.6



#47

Tetrachloroethene

Concen: 35.403 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Tgt Ion:164 Resp: 336145

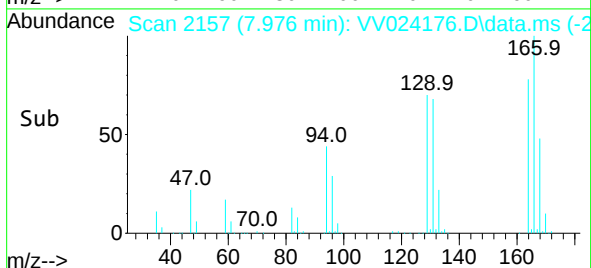
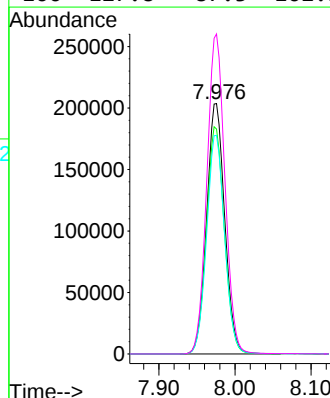
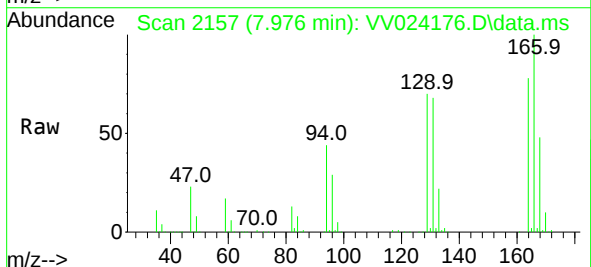
Ion Ratio Lower Upper

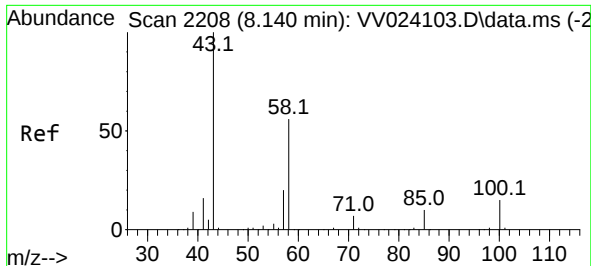
164 100

129 89.8 62.6 116.2

131 87.3 61.0 113.4

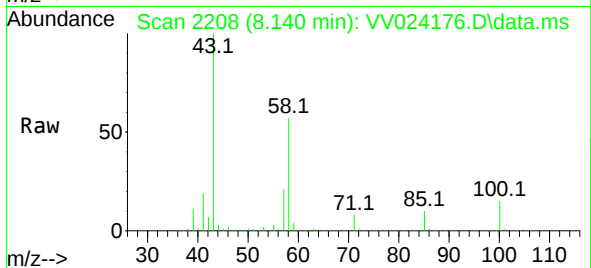
166 127.8 87.3 162.1





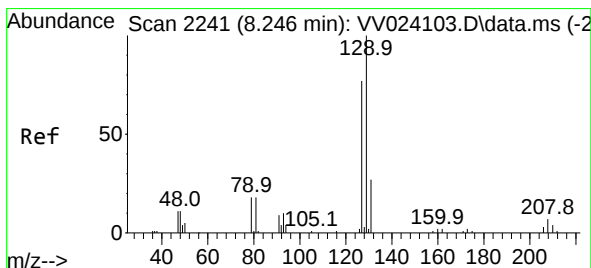
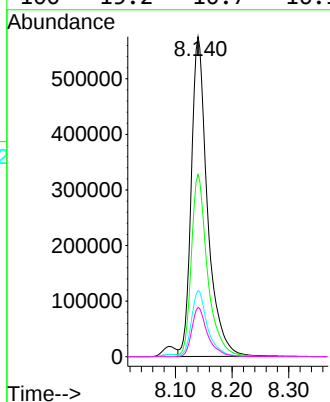
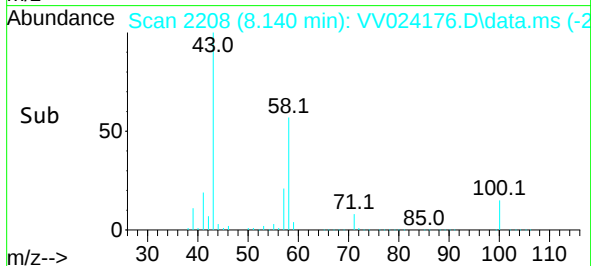
#48
2-Hexanone
Concen: 363.359 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 1138674

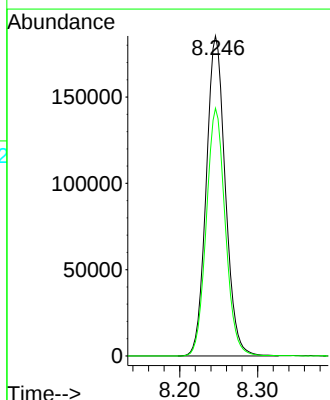
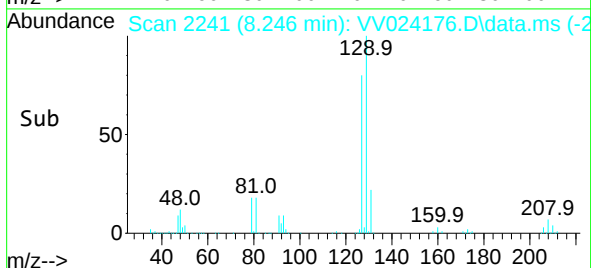
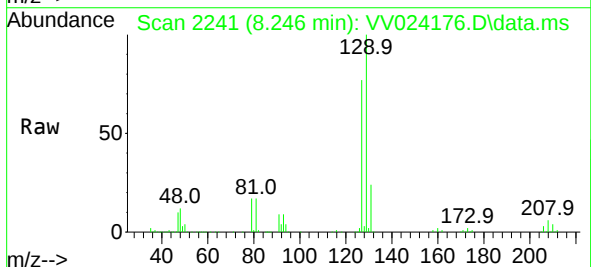
Ion	Ratio	Lower	Upper
43	100		
58	56.7	44.5	66.7
57	20.6	15.1	22.7
100	15.2	10.7	16.1

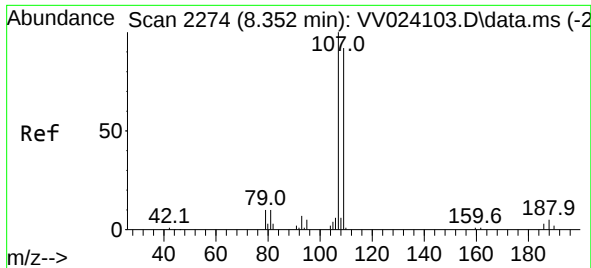


#49
Dibromochloromethane
Concen: 34.876 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion:129 Resp: 315303

Ion	Ratio	Lower	Upper
129	100		
127	77.4	53.5	99.3





#50

1,2-Dibromoethane

Concen: 34.854 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024176.D

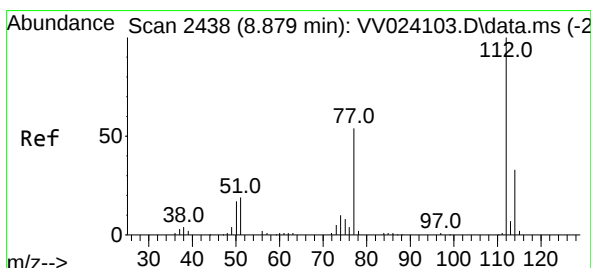
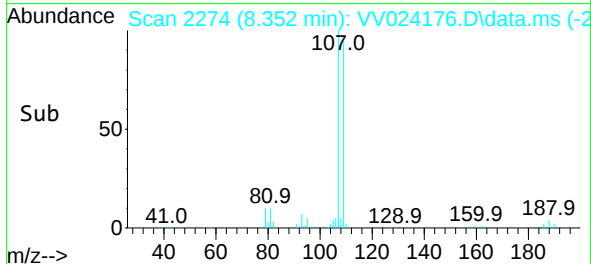
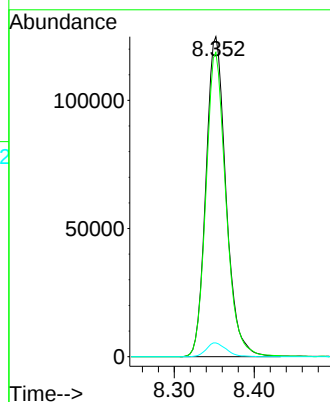
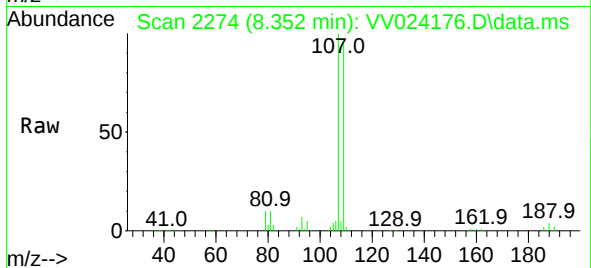
Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	217975
Ion	Ratio	Lower Upper
107	100	
109	95.1	62.5 116.1
188	4.3	3.4 5.2



#51

Chlorobenzene

Concen: 34.806 ug/L

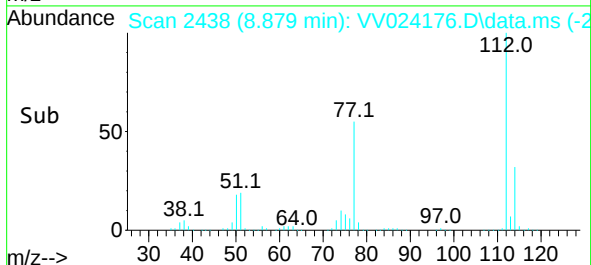
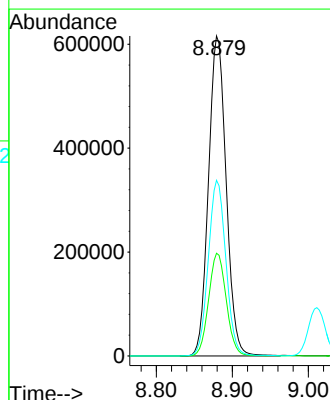
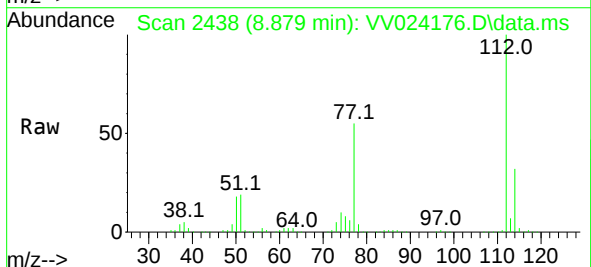
RT: 8.879 min Scan# 2438

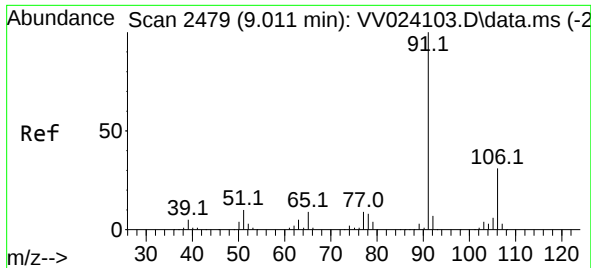
Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Tgt Ion:112	Resp:	993445
Ion	Ratio	Lower Upper
112	100	
114	32.1	23.3 43.3
77	54.9	43.3 64.9

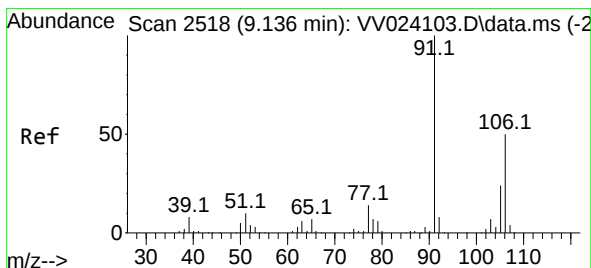
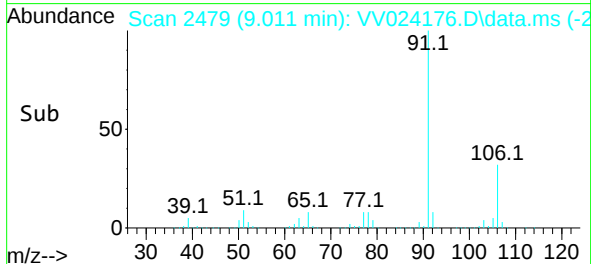
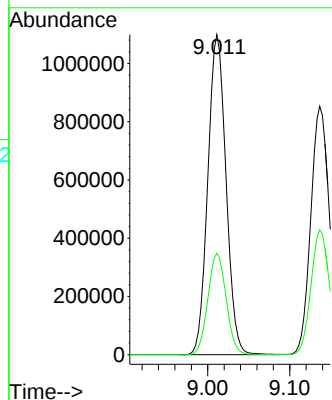
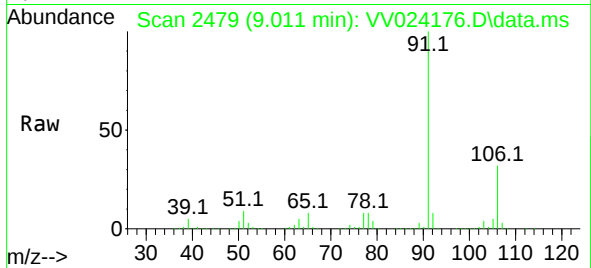




#52
Ethylbenzene
Concen: 37.330 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

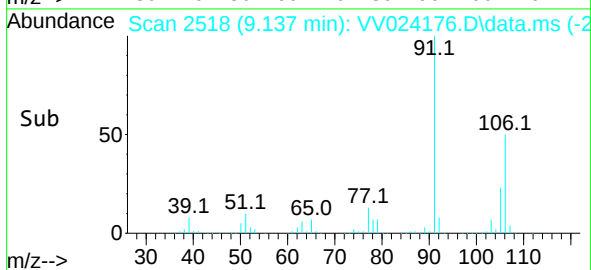
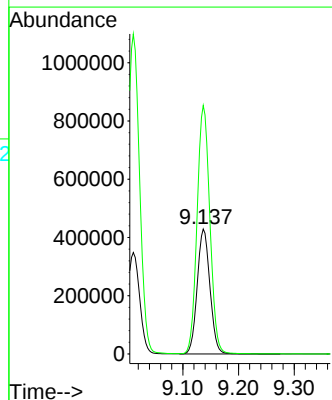
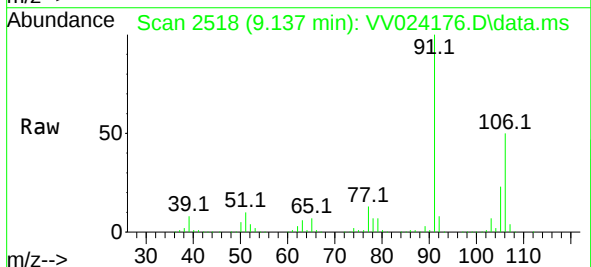
Instrument :
MSVOA_V
ClientSampleId :

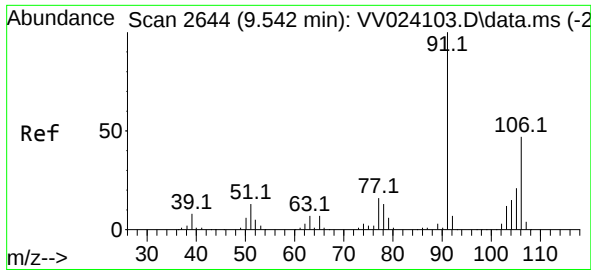
Tgt Ion: 91 Resp: 1694361
Ion Ratio Lower Upper
91 100
106 31.7 22.0 41.0



#53
m,p-xylene
Concen: 37.468 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion: 106 Resp: 679525
Ion Ratio Lower Upper
106 100
91 198.8 139.5 259.1

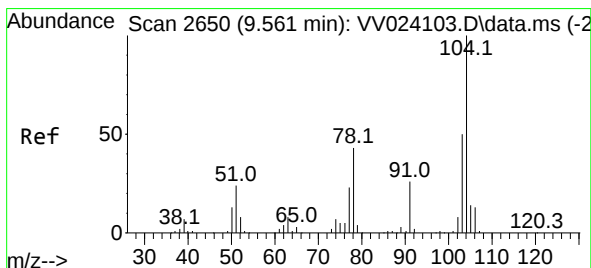
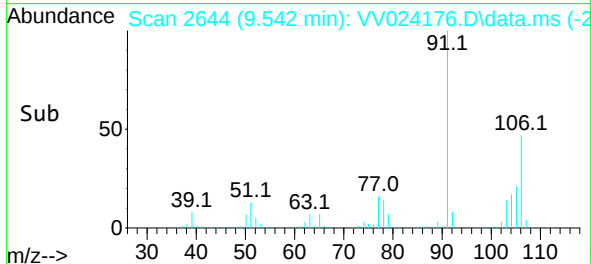
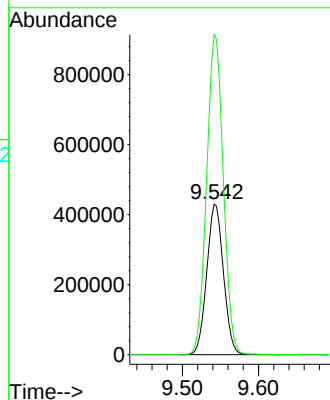
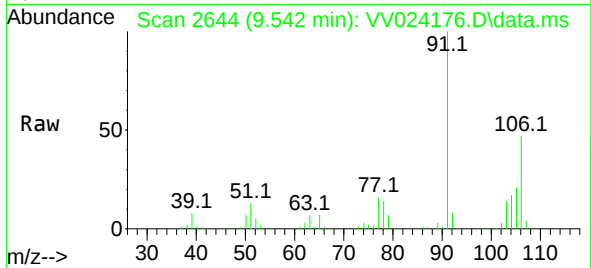




#54
o-xylene
Concen: 37.687 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

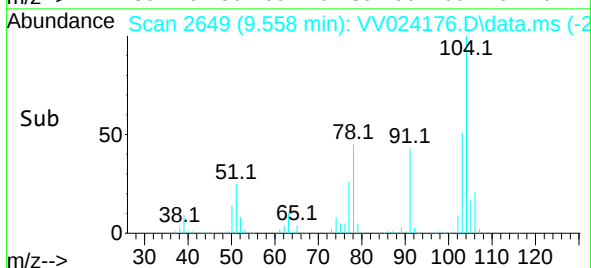
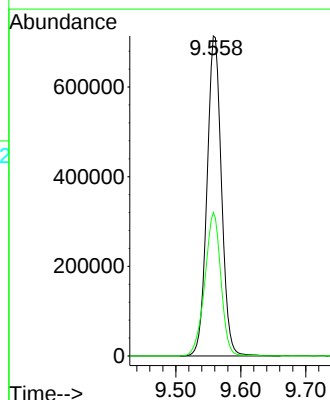
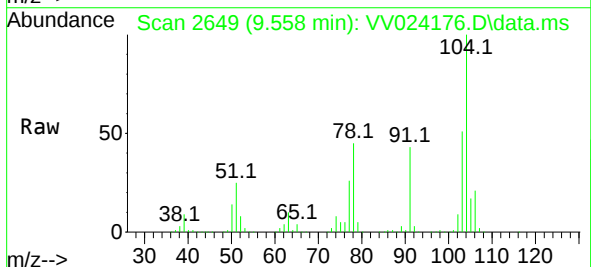
Instrument :
MSVOA_V
ClientSampleId :

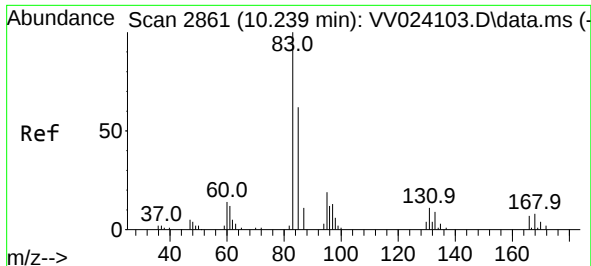
Tgt Ion:106 Resp: 653713
Ion Ratio Lower Upper
106 100
91 212.6 147.9 274.7



#55
Styrene
Concen: 37.989 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion:104 Resp: 1108061
Ion Ratio Lower Upper
104 100
78 44.8 31.0 57.6

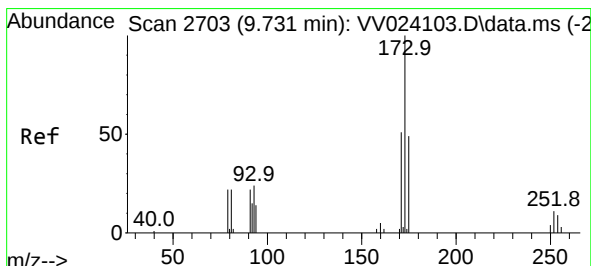
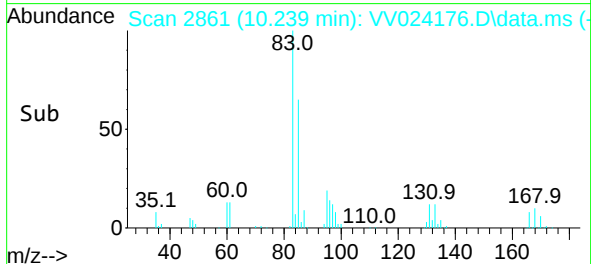
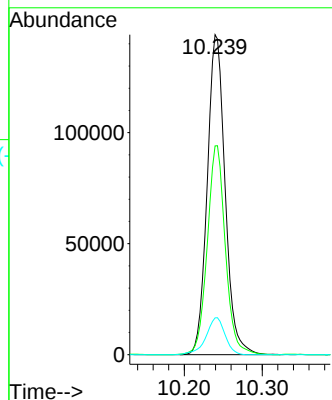
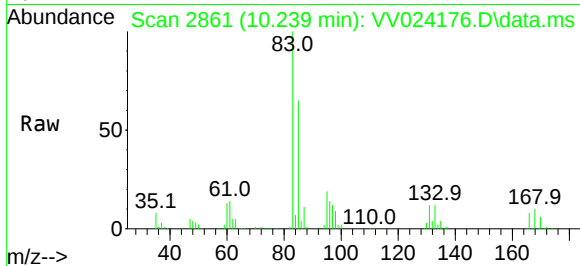




#57
1,1,2-Tetrachloroethane
Concen: 32.593 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

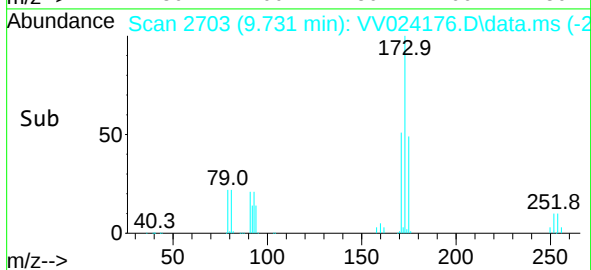
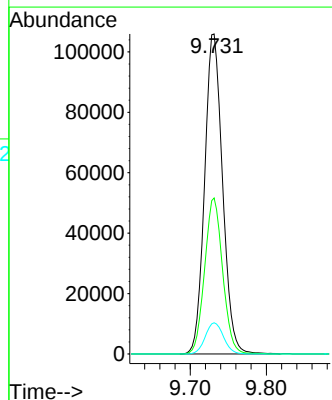
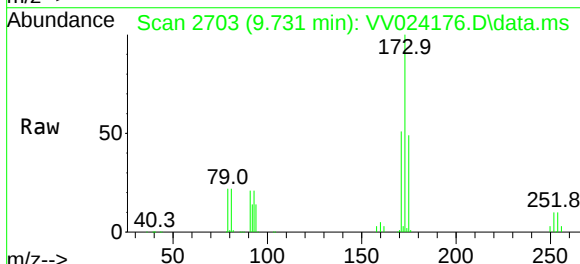
Instrument :
MSVOA_V
ClientSampleId :

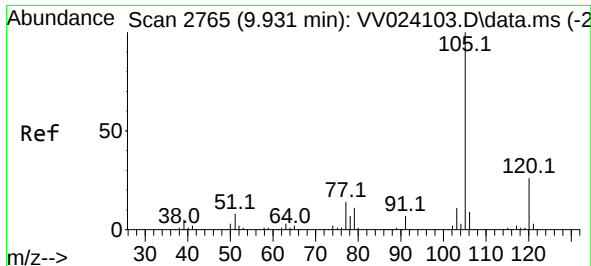
Tgt Ion: 83 Resp: 230350
Ion Ratio Lower Upper
83 100
85 65.2 44.6 82.8
131 11.5 8.3 12.5



#59
Bromoform
Concen: 32.513 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion: 173 Resp: 173592
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.2
254 9.9 7.4 11.0

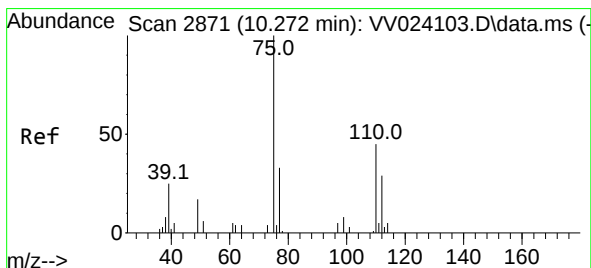
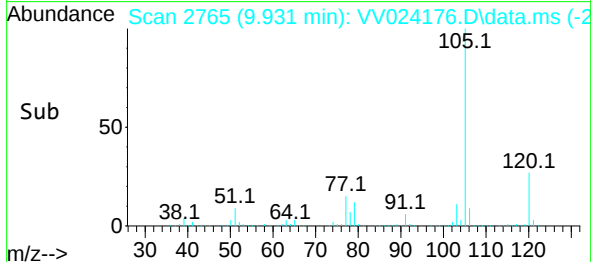
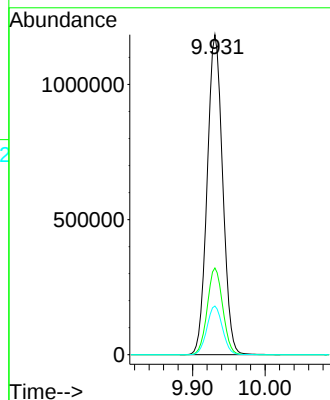
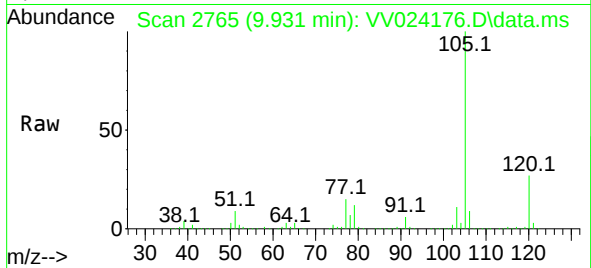




#60
Isopropylbenzene
Concen: 34.842 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

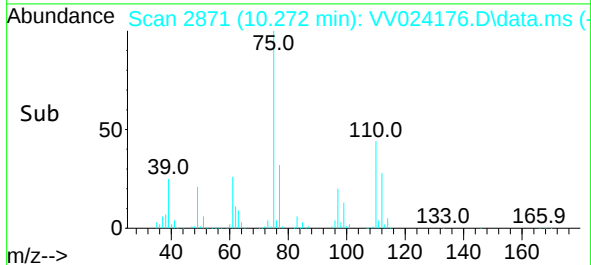
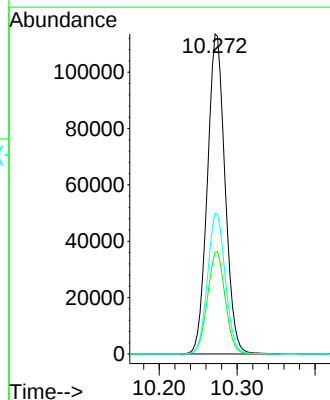
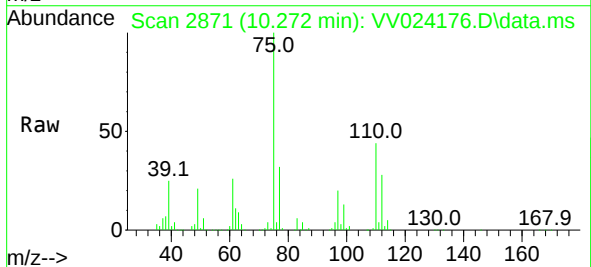
Instrument :
MSVOA_V
ClientSampleId :

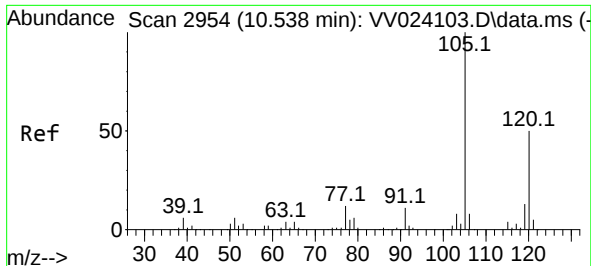
Tgt Ion:105 Resp: 1756765
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 30.881 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion: 75 Resp: 178988
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
110 44.2 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 36.639 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

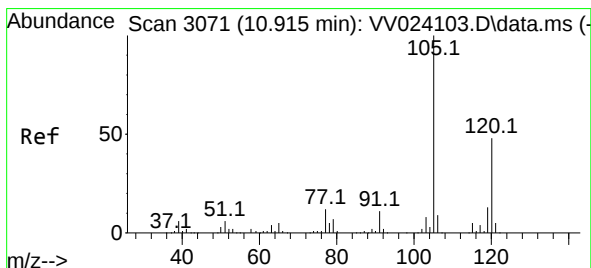
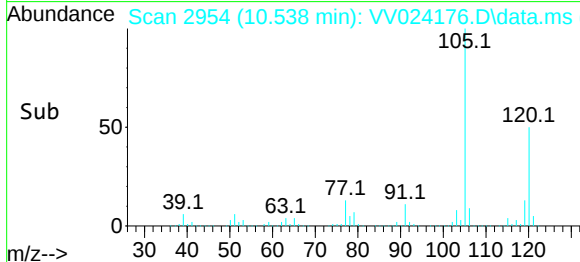
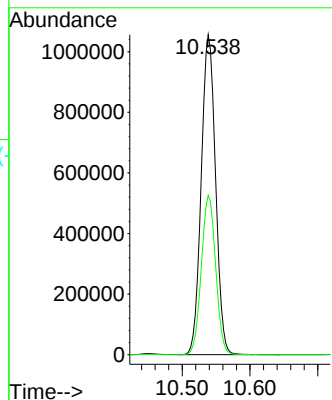
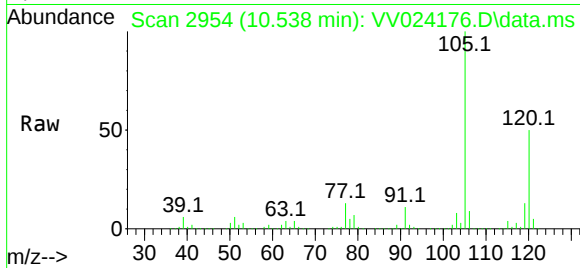
ClientSampleId :

Tgt Ion:105 Resp: 1545552

Ion Ratio Lower Upper

105 100

120 49.8 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 37.266 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024176.D

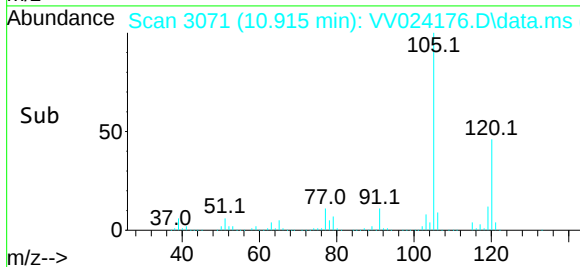
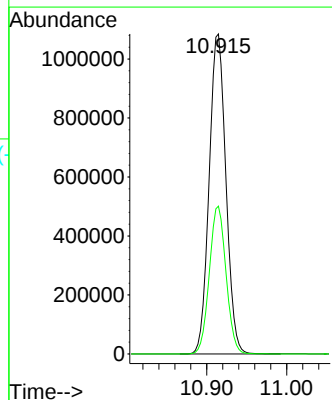
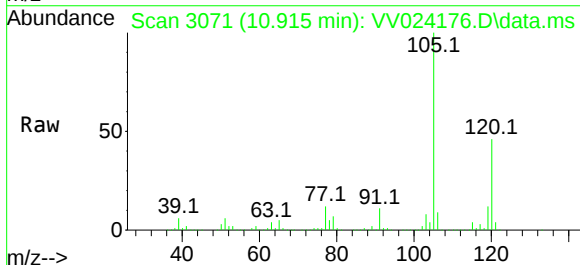
Acq: 27 Dec 2021 12:36

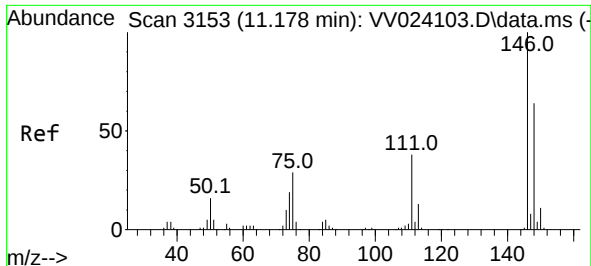
Tgt Ion:105 Resp: 1581426

Ion Ratio Lower Upper

105 100

120 46.0 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 33.569 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

ClientSampleId :

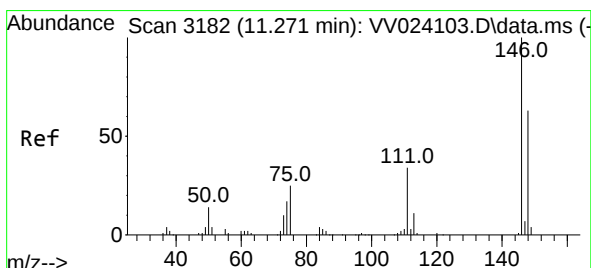
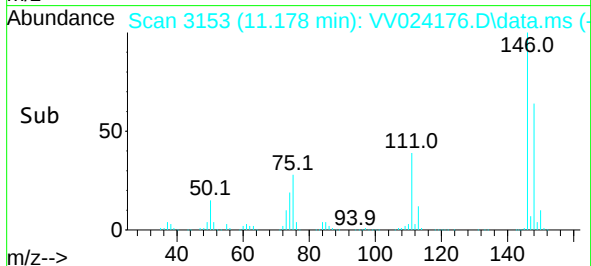
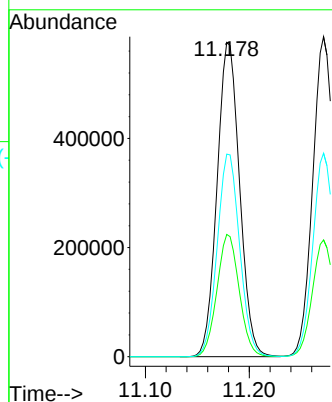
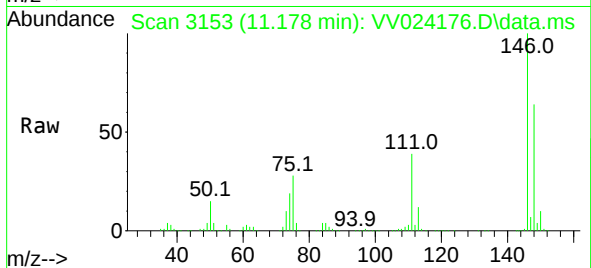
Tgt Ion:146 Resp: 869451

Ion Ratio Lower Upper

146 100

111 38.9 26.3 48.9

148 64.5 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 33.508 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

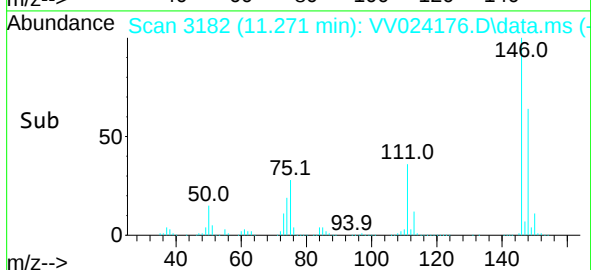
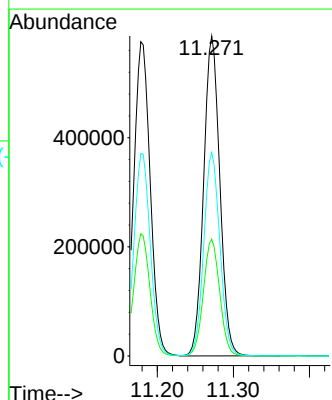
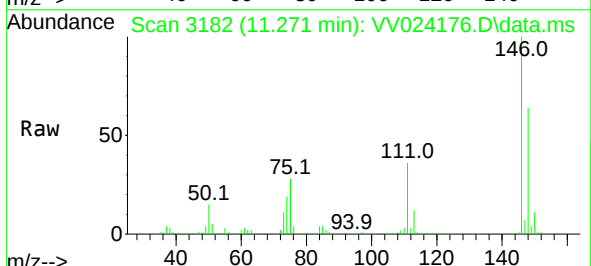
Tgt Ion:146 Resp: 866344

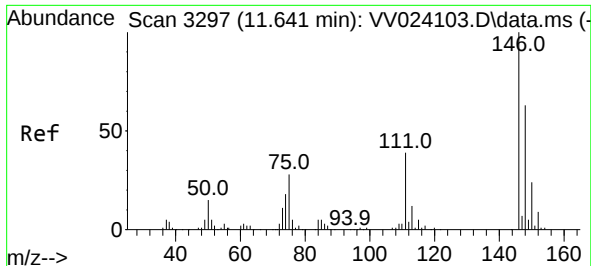
Ion Ratio Lower Upper

146 100

111 36.5 25.6 47.6

148 63.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 33.420 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

Instrument :

MSVOA_V

ClientSampleId :

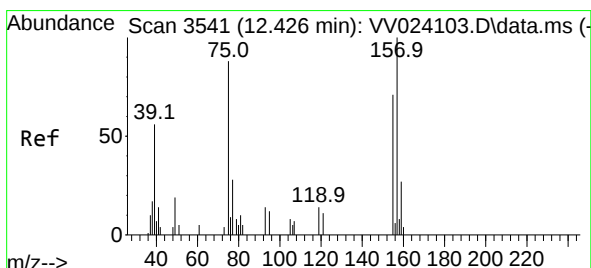
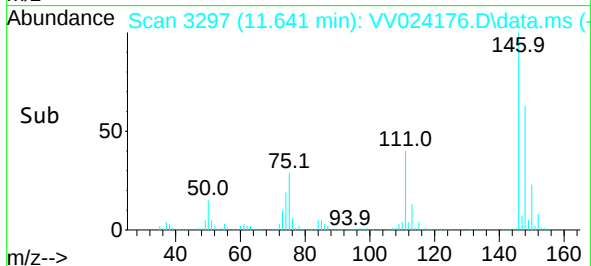
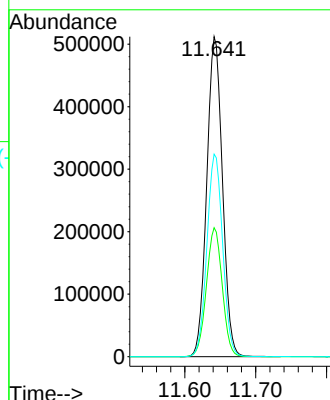
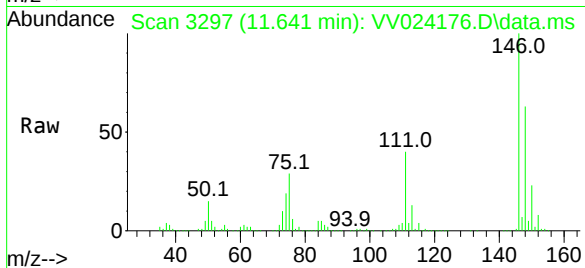
Tgt Ion:146 Resp: 786178

Ion Ratio Lower Upper

146 100

111 40.3 31.9 47.9

148 63.3 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 34.557 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024176.D

Acq: 27 Dec 2021 12:36

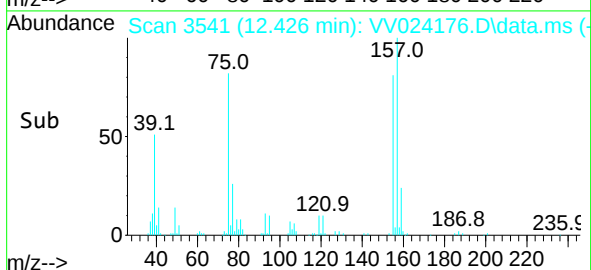
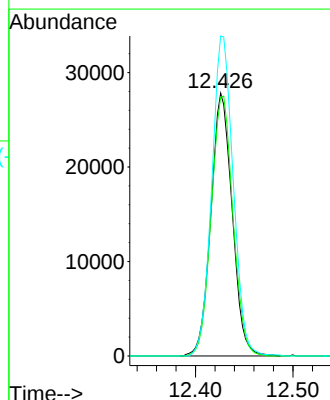
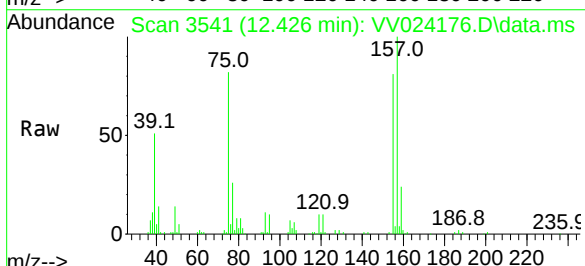
Tgt Ion: 75 Resp: 42299

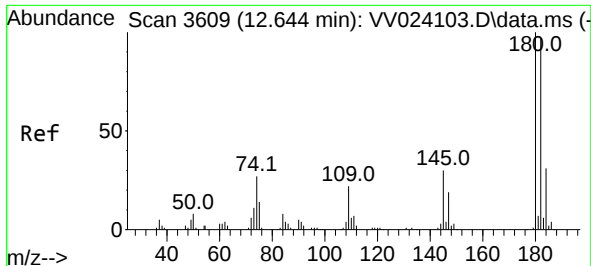
Ion Ratio Lower Upper

75 100

155 98.5 71.7 107.5

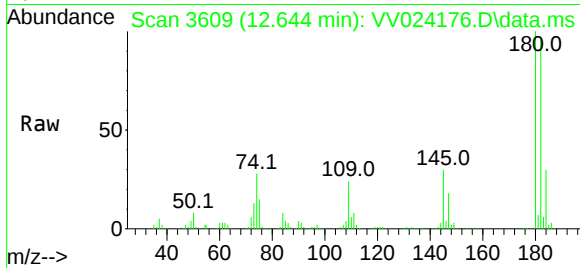
157 121.7 103.3 154.9



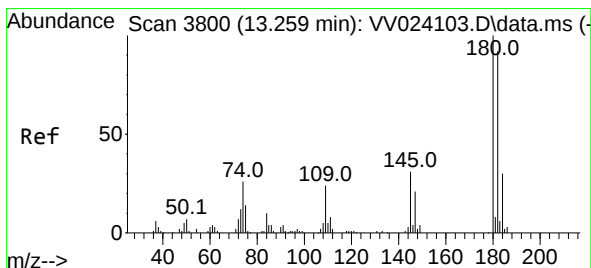
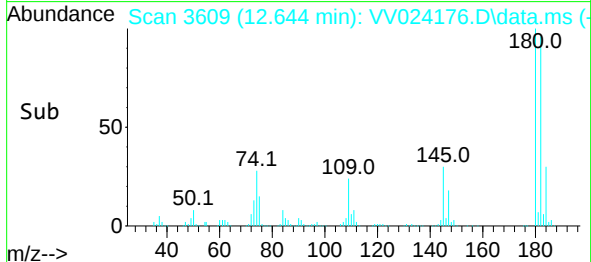
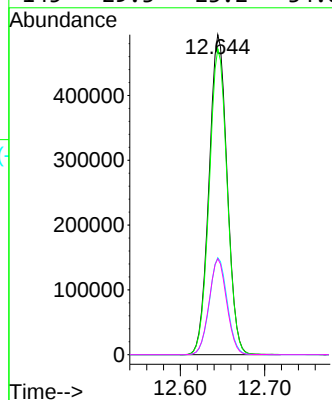


#69
 1,3,5-Trichlorobenzene
 Concen: 34.674 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

Instrument :
 MSVOA_V
 ClientSampleId :

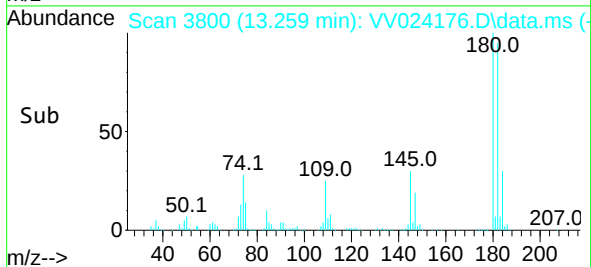
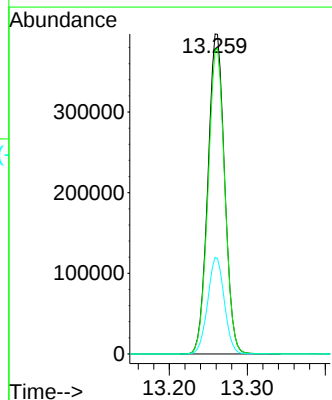
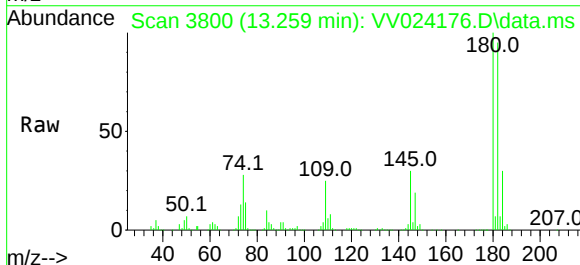


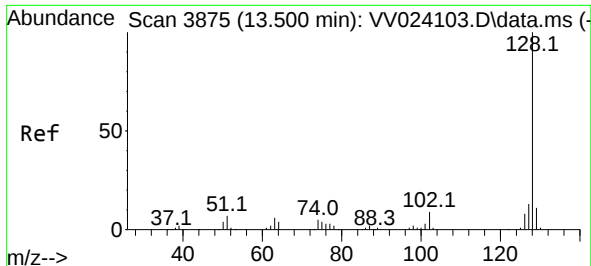
Tgt Ion:180 Resp: 735853
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.4 114.6
 184 30.0 24.2 36.4
 145 29.3 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 35.990 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024176.D
 Acq: 27 Dec 2021 12:36

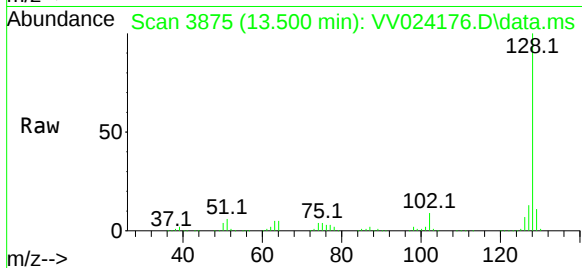
Tgt Ion:180 Resp: 592110
 Ion Ratio Lower Upper
 180 100
 182 95.5 74.4 111.6
 145 30.0 23.3 34.9



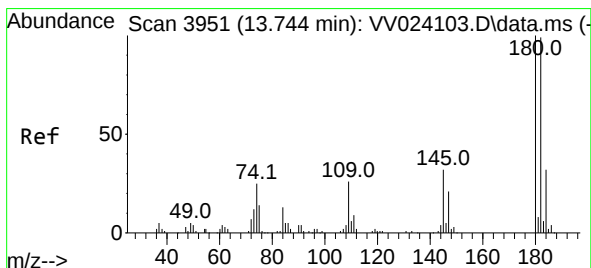
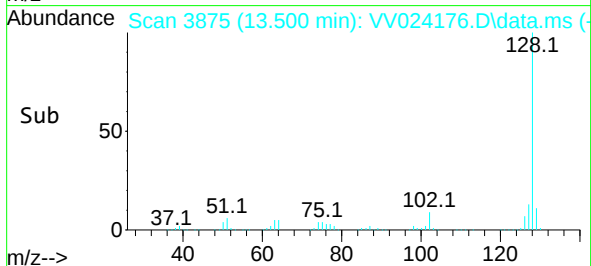
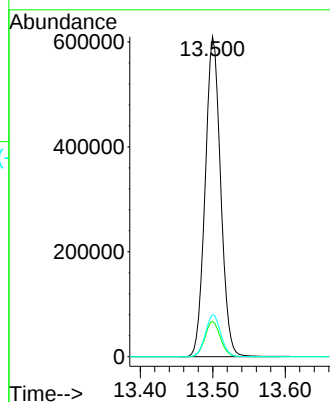


#71
Naphthalene
Concen: 37.687 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.003 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 904527
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 34.714 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024176.D
Acq: 27 Dec 2021 12:36

Tgt Ion:180 Resp: 507136
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 31.6 25.8 38.6

