

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024174.D
 Acq On : 27 Dec 2021 11:48
 Operator : SY/MD
 Sample : VSTD00567
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 28 04:50:10 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	108146	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41753	6.598	ug/L	0.00
7) Chloroethane-d5	1.568	69	34908	6.585	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	97555	7.497	ug/L	0.00
20) 2-Butanone-d5	3.915	46	48458	42.677	ug/L	0.00
24) Chloroform-d	4.349	84	87634	6.225	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	39872	6.095	ug/L	0.00
32) Benzene-d6	5.050	84	161109	6.644	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	42738	6.017	ug/L	0.00
41) Toluene-d8	7.317	98	160468	7.169	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	18506	6.246	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	62073	49.835	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29734	5.262	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	59095	6.068	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	125583	10.051	ug/L	100
3) Chloromethane	1.240	50	91940	9.130	ug/L	97
5) Vinyl chloride	1.310	62	93460	8.722	ug/L	98
6) Bromomethane	1.523	94	59259	8.718	ug/L	97
8) Chloroethane	1.584	64	54194	8.066	ug/L	97
9) Trichlorofluoromethane	1.754	101	152752	8.399	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	75325	8.031	ug/L	99
12) 1,1-Dichloroethene	2.117	96	72567	8.337	ug/L	91
13) Acetone	2.211	43	58137	60.180	ug/L	77
14) Carbon disulfide	2.294	76	232402	8.908	ug/L	99
15) Methyl Acetate	2.445	43	13710	5.686	ug/L #	88
16) Methylene chloride	2.507	84	73702	6.867	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	146178	7.737	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	77058	8.135	ug/L	98
19) 1,1-Dichloroethane	3.191	63	127141	7.682	ug/L	99
21) 2-Butanone	3.995	43	81888	59.367	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	75634	7.760	ug/L	98
23) Bromochloromethane	4.249	128	36773	8.124	ug/L	92
25) Chloroform	4.375	83	142338	7.719	ug/L	99
27) 1,2-Dichloroethane	5.130	62	81743	8.024	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	137798	8.019	ug/L	99
30) Cyclohexane	4.677	56	106872	7.889	ug/L	96
31) Carbon tetrachloride	4.828	117	128933	7.952	ug/L	99
33) Benzene	5.098	78	296326	8.013	ug/L	100
34) Trichloroethene	5.912	95	80717	7.785	ug/L	97
35) Methylcyclohexane	6.130	83	123697	8.017	ug/L	97
37) 1,2-Dichloropropane	6.172	63	67324	7.718	ug/L	100
38) Bromodichloromethane	6.510	83	96750	7.821	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	97221	7.606	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	339208	81.209	ug/L	97
42) Toluene	7.387	91	337513	8.084	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	87545	7.819	ug/L	99

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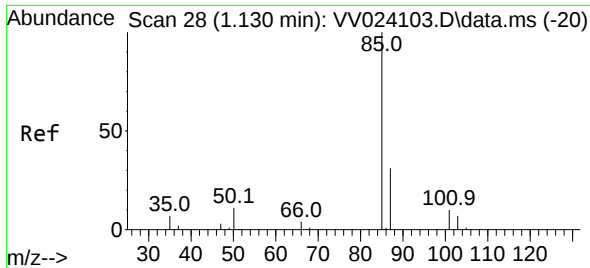
Instrument :
 MSVOA_V
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Quant Time: Dec 28 04:50:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.838	97	51006	7.940	ug/L	97
47) Tetrachloroethene	7.976	164	72927	7.966	ug/L	99
48) 2-Hexanone	8.143	43	249726	82.646	ug/L	96
49) Dibromochloromethane	8.246	129	67985	7.799	ug/L	99
50) 1,2-Dibromoethane	8.352	107	48531	8.048	ug/L	94
51) Chlorobenzene	8.879	112	213825	7.769	ug/L	98
52) Ethylbenzene	9.011	91	351591	8.034	ug/L	99
53) m,p-xylene	9.136	106	143481	8.205	ug/L	100
54) o-xylene	9.542	106	133697	7.994	ug/L	99
55) Styrene	9.561	104	234712	8.346	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	48943	7.182	ug/L	98
59) Bromoform	9.731	173	35926	7.348	ug/L	100
60) Isopropylbenzene	9.931	105	361819	7.836	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	39926	7.522	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	307321	7.956	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	317010	8.158	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	187181	7.892	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	182775	7.720	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	165497	7.683	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7796	6.955	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	147262	7.578	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	111036	7.370	ug/L	97
71) Naphthalene	13.503	128	164652	7.492	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	101093	7.557	ug/L	99

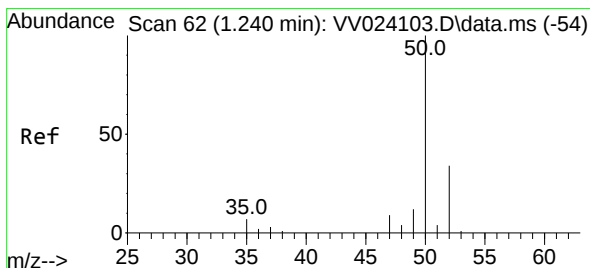
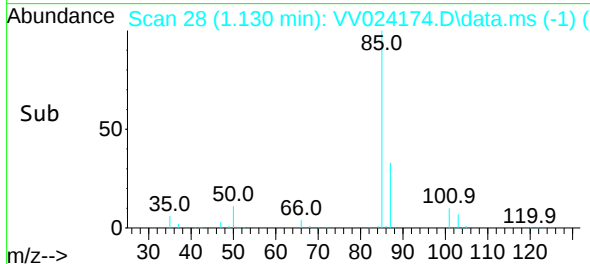
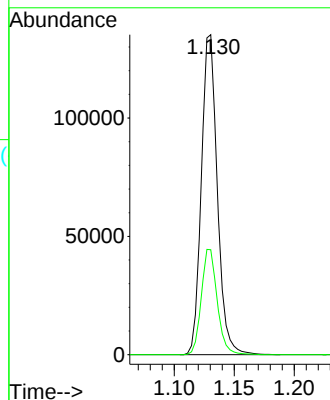
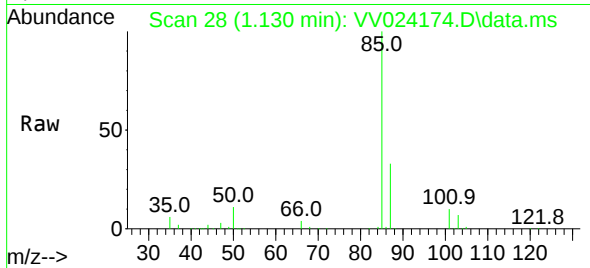
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.051 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024174.D
 Acq: 27 Dec 2021 11:48

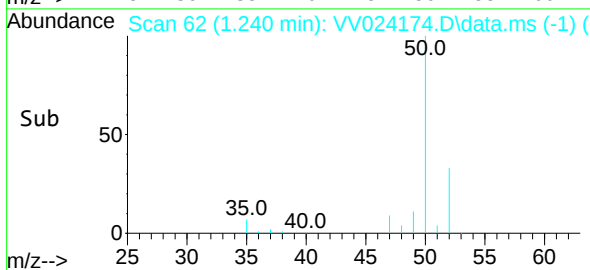
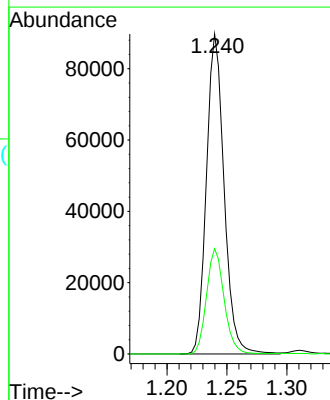
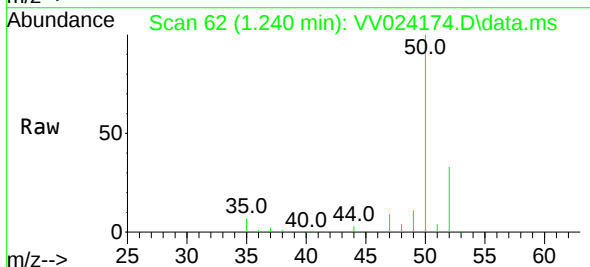
Instrument :
 MSVOA_V
 ClientSampleId :

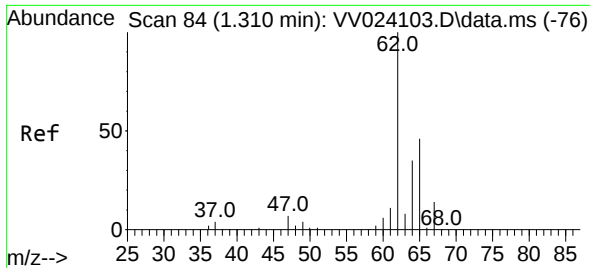
Tgt Ion: 85 Resp: 125583
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 9.130 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024174.D
 Acq: 27 Dec 2021 11:48

Tgt Ion: 50 Resp: 91940
 Ion Ratio Lower Upper
 50 100
 52 32.9 22.0 41.0

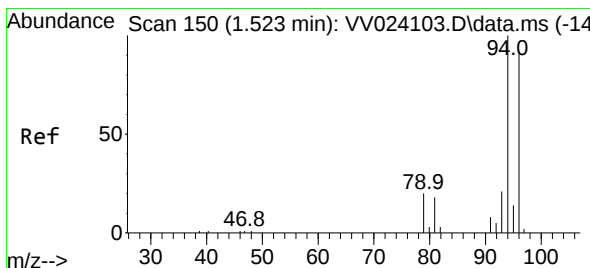
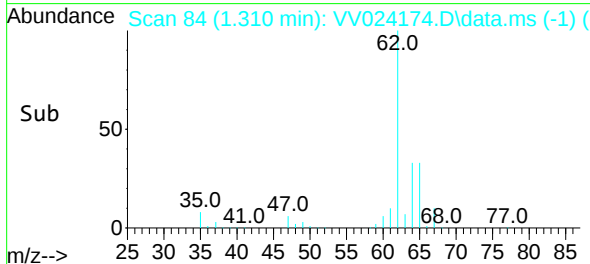
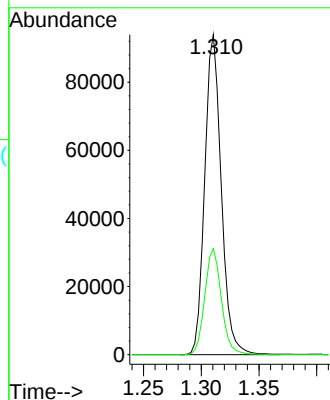
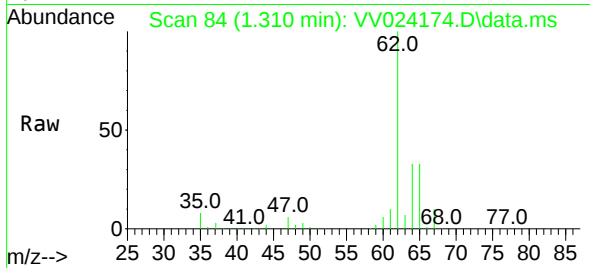




#5
 Vinyl chloride
 Concen: 8.722 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024174.D
 Acq: 27 Dec 2021 11:48

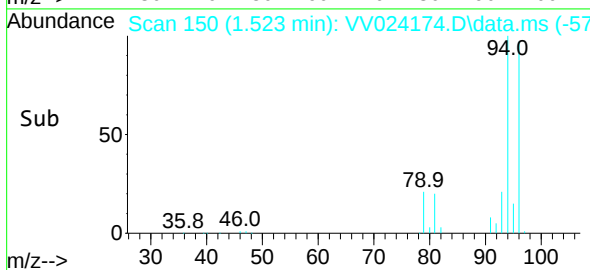
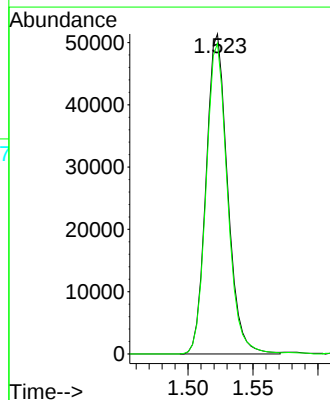
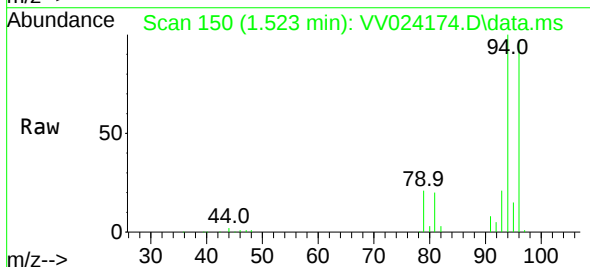
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 MSVOA_V
 ClientSampleId :

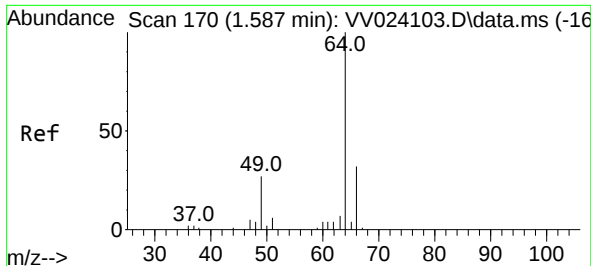
Tgt Ion: 62 Resp: 93460
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.4 41.6



#6
 Bromomethane
 Concen: 8.718 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024174.D
 Acq: 27 Dec 2021 11:48

Tgt Ion: 94 Resp: 59259
 Ion Ratio Lower Upper
 94 100
 96 97.1 66.2 123.0

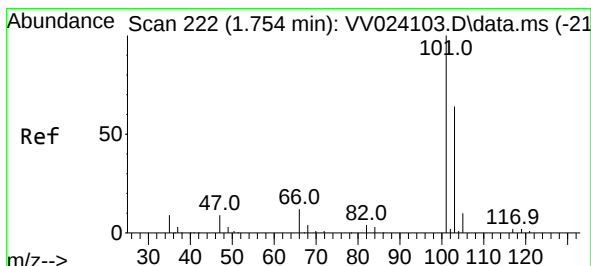
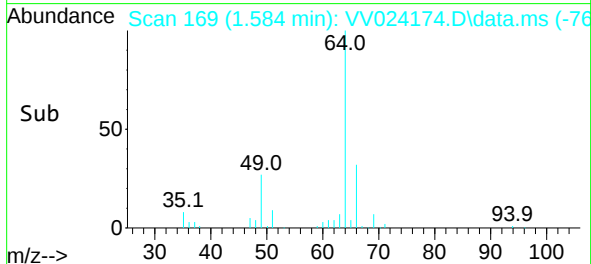
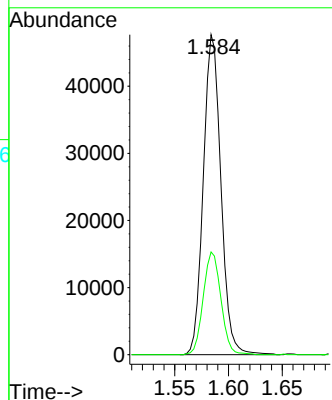
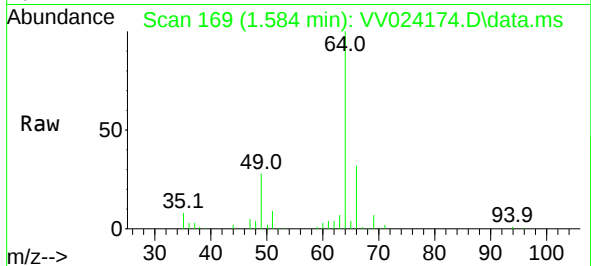




#8
Chloroethane
Concen: 8.066 ug/L
RT: 1.584 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

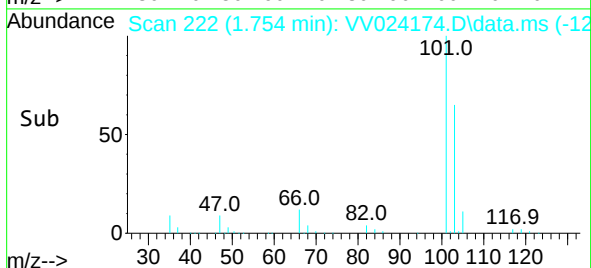
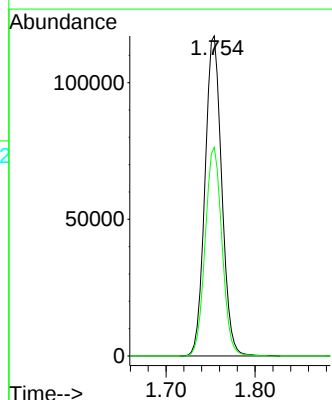
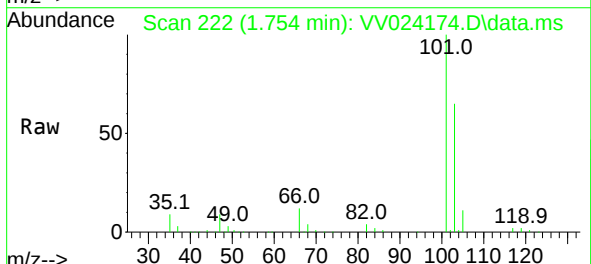
Instrument :
MSVOA_V
ClientSampleId :

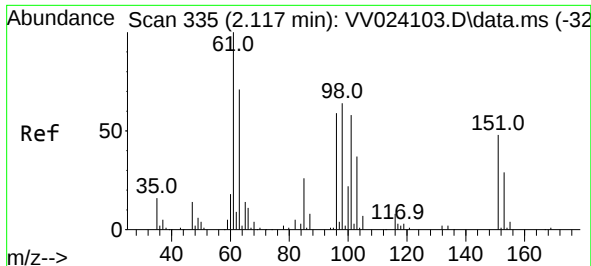
Tgt Ion: 64 Resp: 54194
Ion Ratio Lower Upper
64 100
66 32.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 8.399 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

Tgt Ion:101 Resp: 152752
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 8.031 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

ClientSampleId :

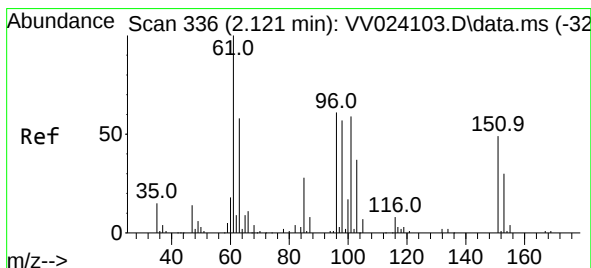
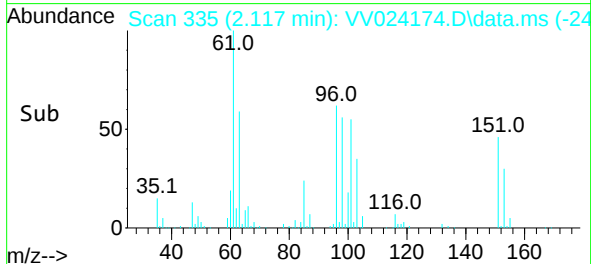
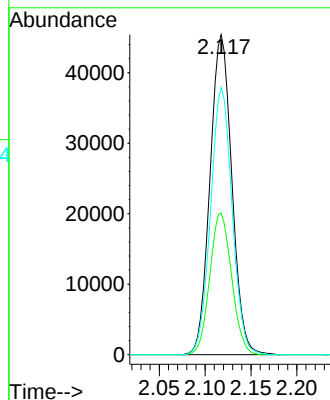
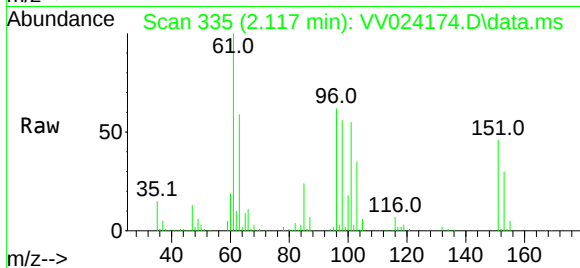
Tgt Ion:101 Resp: 75325

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

151 82.3 66.4 99.6



#12

1,1-Dichloroethene

Concen: 8.337 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

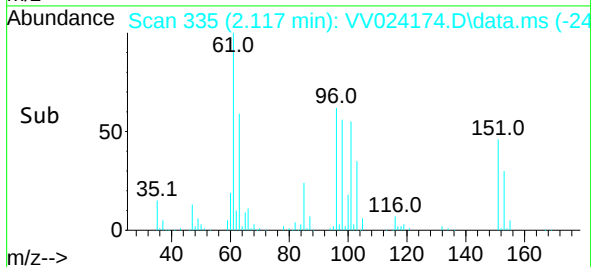
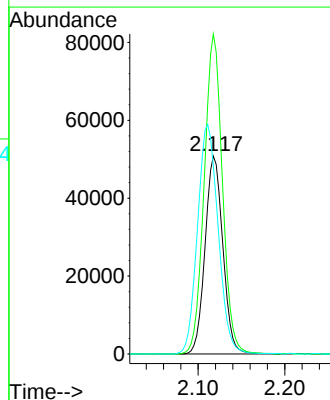
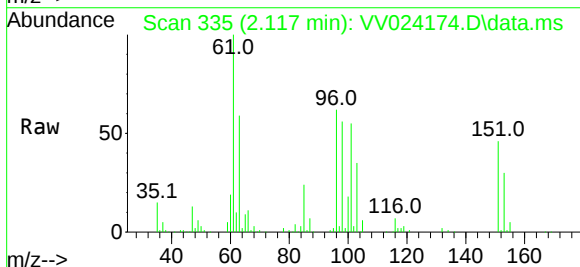
Tgt Ion: 96 Resp: 72567

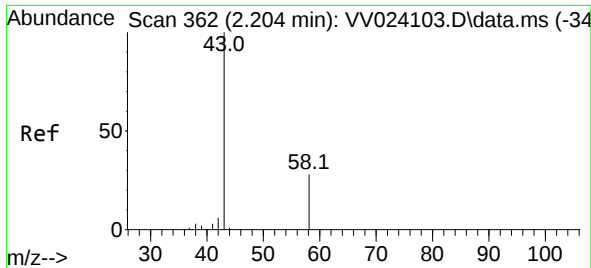
Ion Ratio Lower Upper

96 100

61 161.7 116.1 215.5

63 95.0 79.4 147.4





#13

Acetone

Concen: 60.180 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

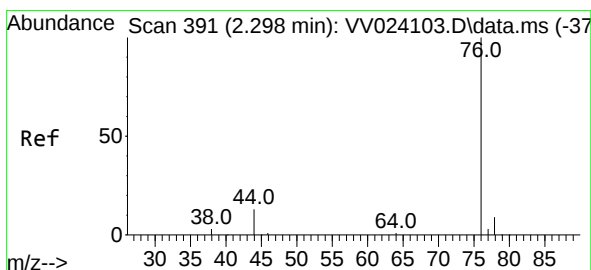
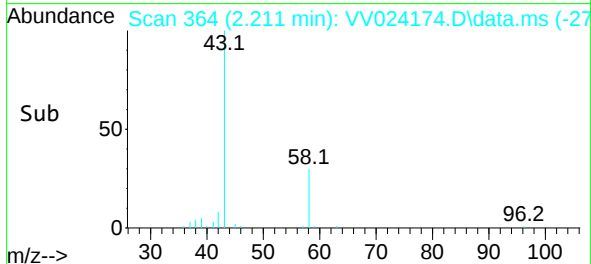
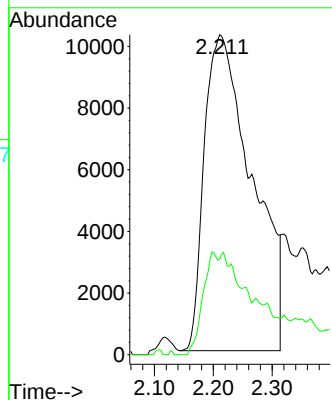
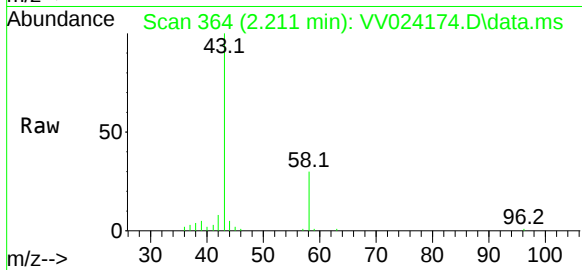
ClientSampleId :

Tgt Ion: 43 Resp: 58137

Ion Ratio Lower Upper

43 100

58 9.9 0.0 41.4



#14

Carbon disulfide

Concen: 8.908 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV024174.D

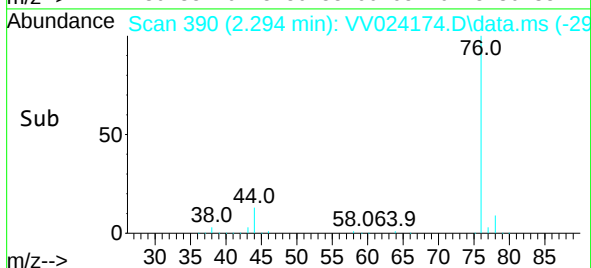
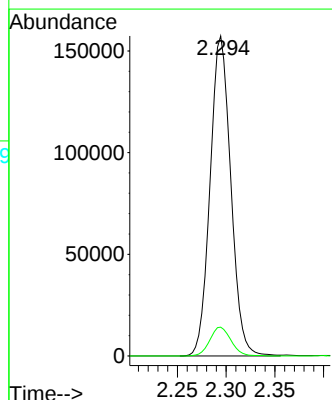
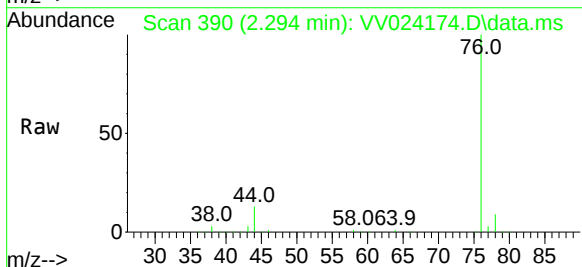
Acq: 27 Dec 2021 11:48

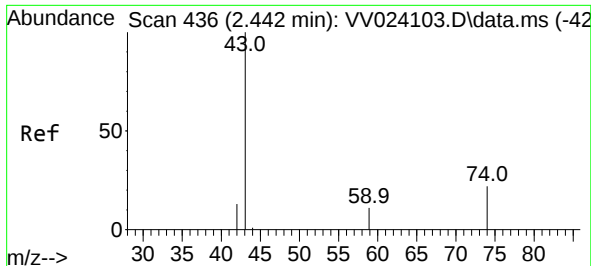
Tgt Ion: 76 Resp: 232402

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 5.686 ug/L

RT: 2.445 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

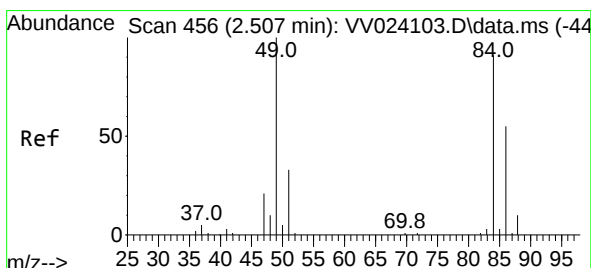
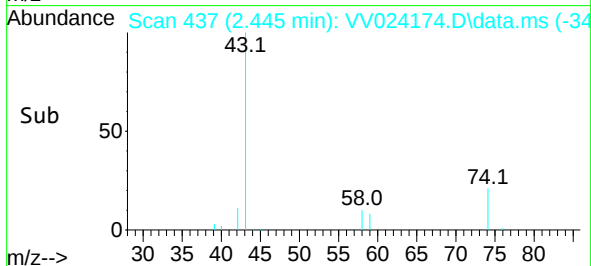
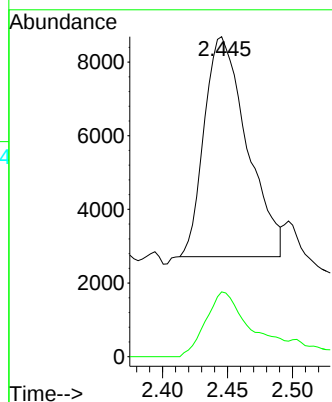
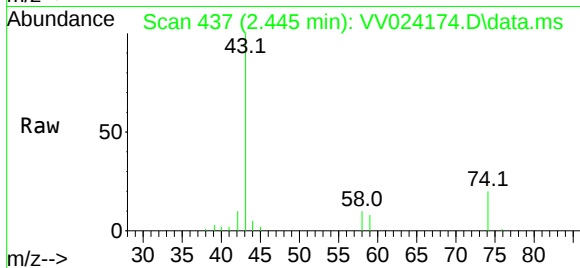
ClientSampleId :

Tgt Ion: 43 Resp: 13710

Ion Ratio Lower Upper

43 100

74 31.1 20.2 30.2#



#16

Methylene chloride

Concen: 6.867 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

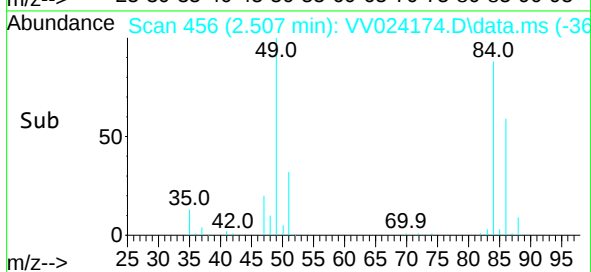
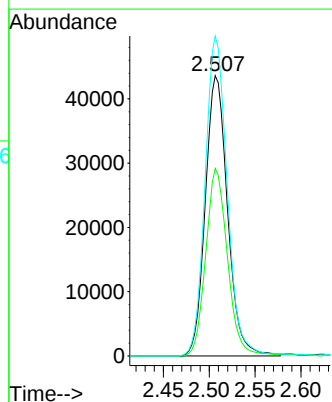
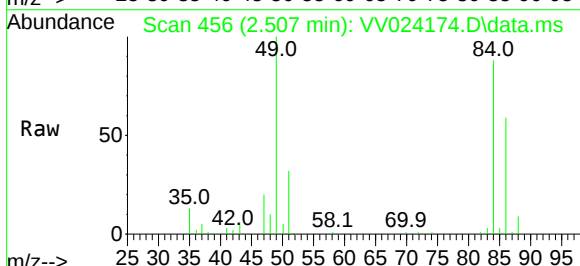
Tgt Ion: 84 Resp: 73702

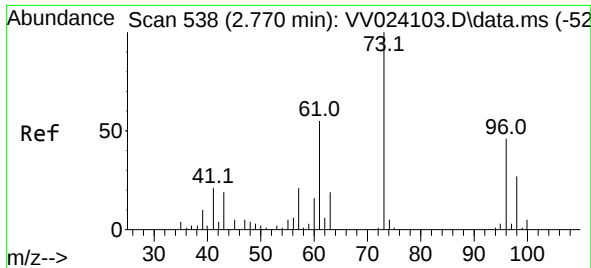
Ion Ratio Lower Upper

84 100

86 66.9 42.6 79.0

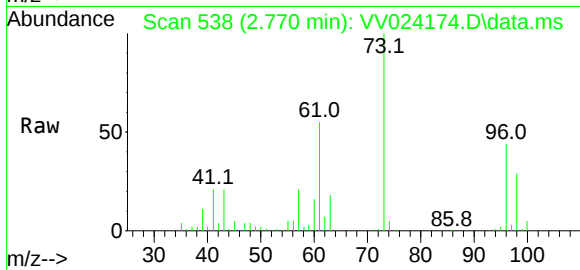
49 114.2 79.7 147.9



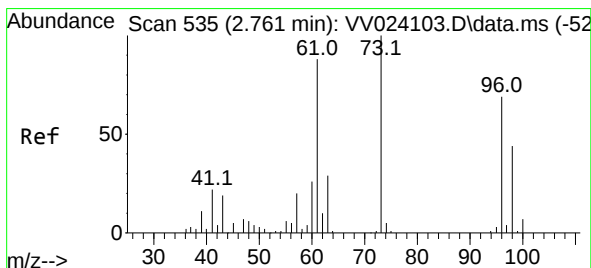
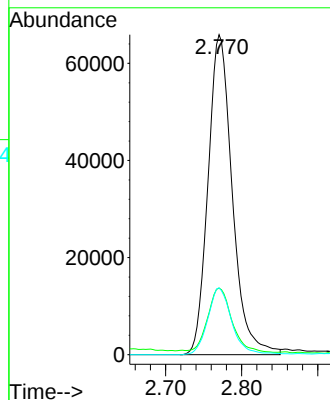
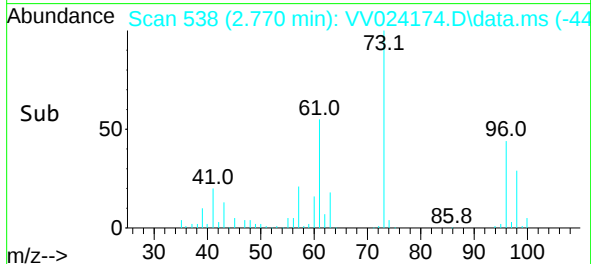


#17
Methyl tert-butyl Ether
Concen: 7.737 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

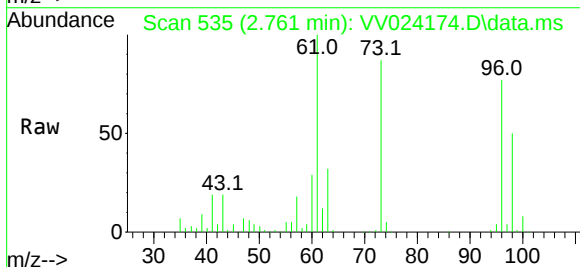
Instrument :
MSVOA_V
ClientSampleId :



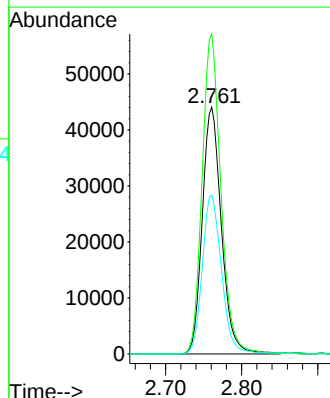
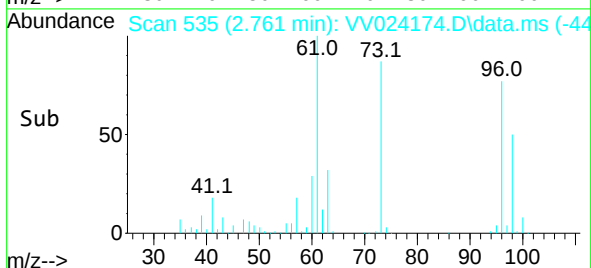
Tgt Ion: 73 Resp: 146178
Ion Ratio Lower Upper
73 100
43 19.8 15.5 23.3
57 20.5 17.1 25.7

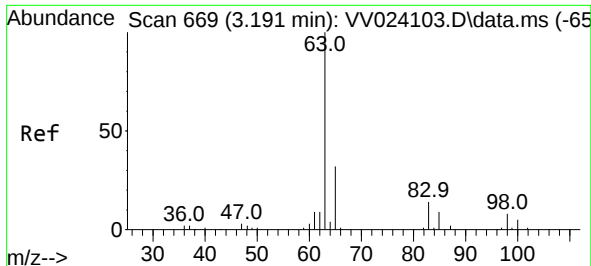


#18
trans-1,2-Dichloroethene
Concen: 8.135 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48



Tgt Ion: 96 Resp: 77058
Ion Ratio Lower Upper
96 100
61 129.8 88.2 163.8
98 64.5 44.9 83.5





#19

1,1-Dichloroethane

Concen: 7.682 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.000 min

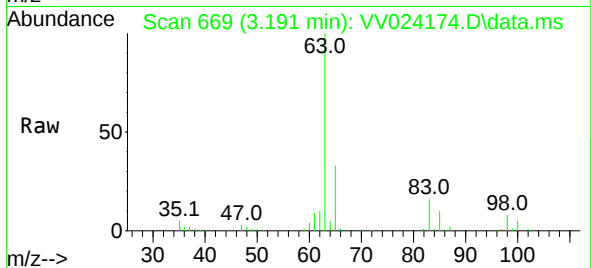
Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

ClientSampleId :



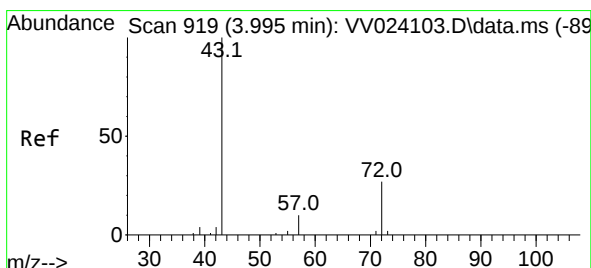
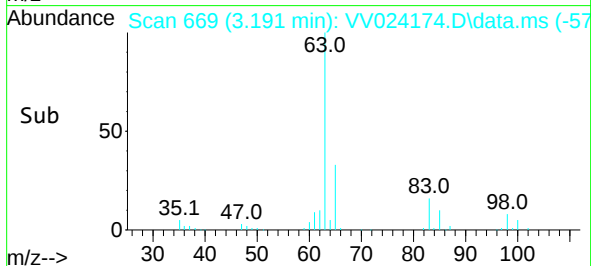
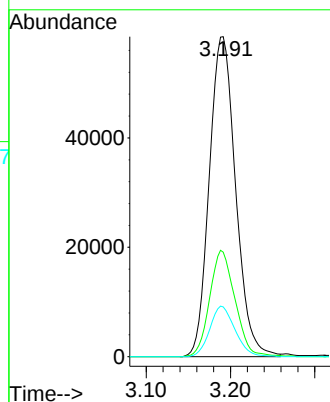
Tgt Ion: 63 Resp: 127141

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.3

83 15.6 10.7 19.9



#21

2-Butanone

Concen: 59.367 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.000 min

Lab File: VV024174.D

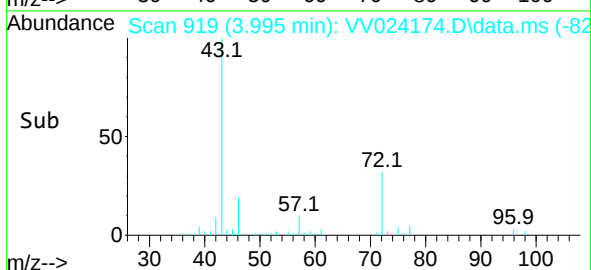
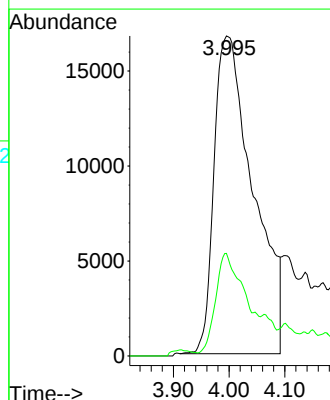
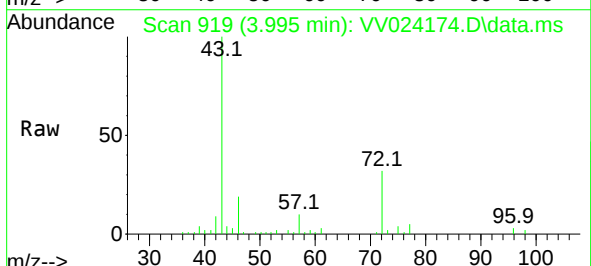
Acq: 27 Dec 2021 11:48

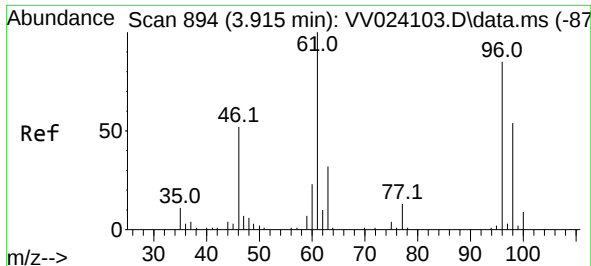
Tgt Ion: 43 Resp: 81888

Ion Ratio Lower Upper

43 100

72 23.4 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 7.760 ug/L

RT: 3.912 min Scan# 894

Delta R.T. 0.000 min

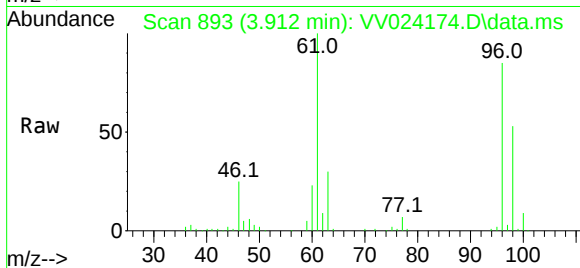
Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

ClientSampleId :



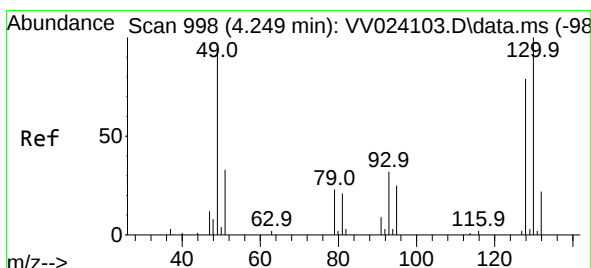
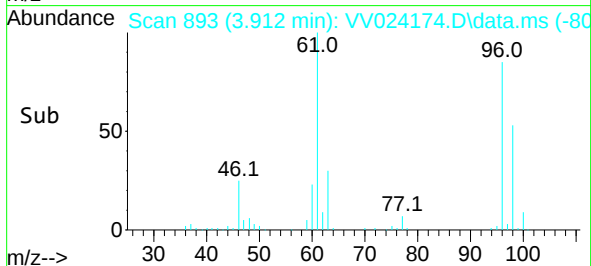
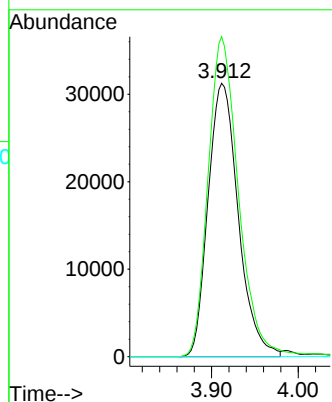
Tgt Ion: 96 Resp: 75634

Ion Ratio Lower Upper

96 100

61 117.0 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 8.124 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Tgt Ion: 128 Resp: 36773

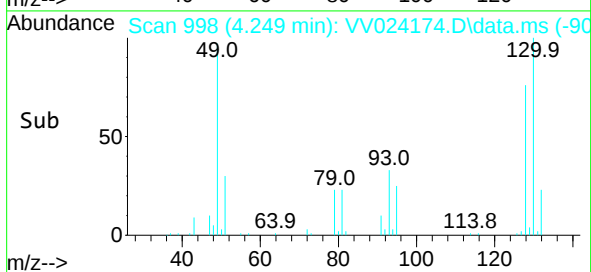
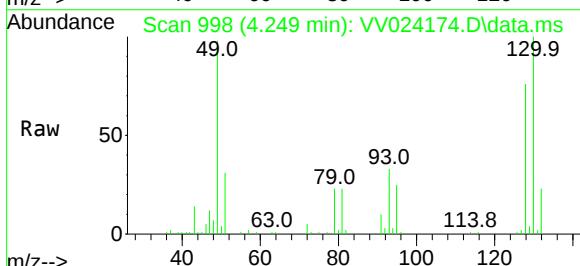
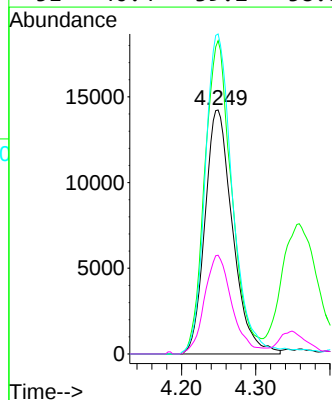
Ion Ratio Lower Upper

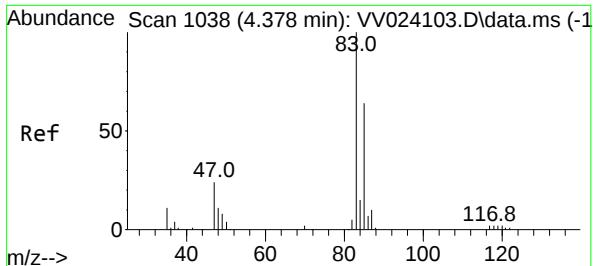
128 100

49 128.4 100.2 186.2

130 131.2 92.5 171.7

51 40.4 39.2 58.8





#25

Chloroform

Concen: 7.719 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

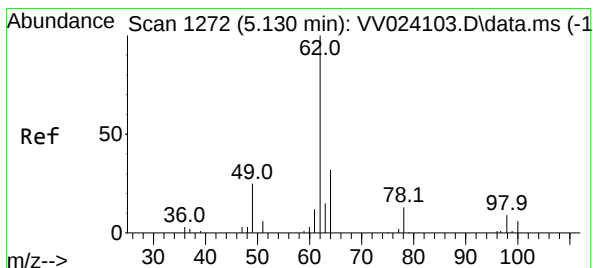
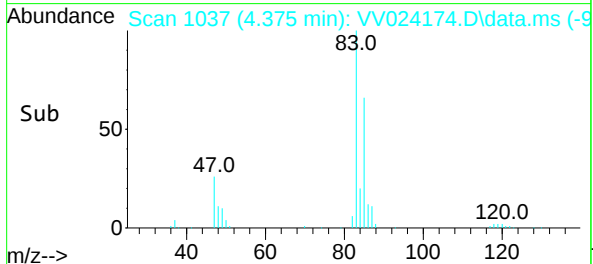
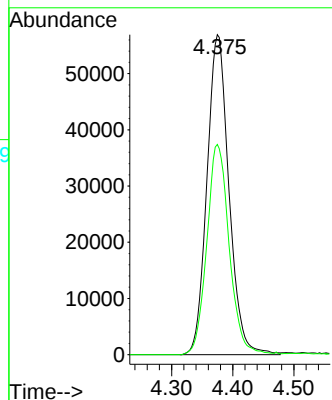
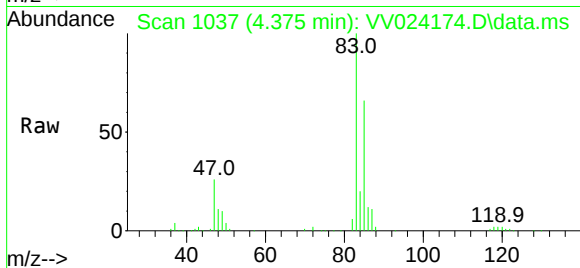
ClientSampleId :

Tgt Ion: 83 Resp: 142338

Ion Ratio Lower Upper

83 100

85 65.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 8.024 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV024174.D

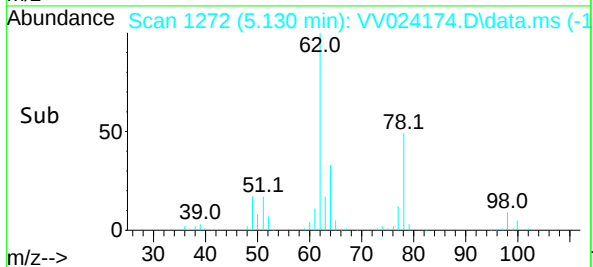
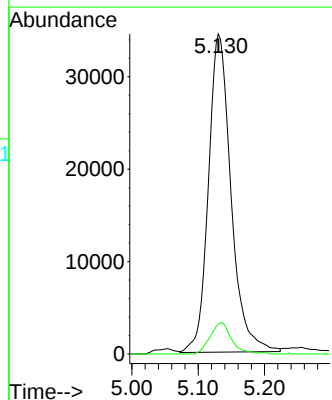
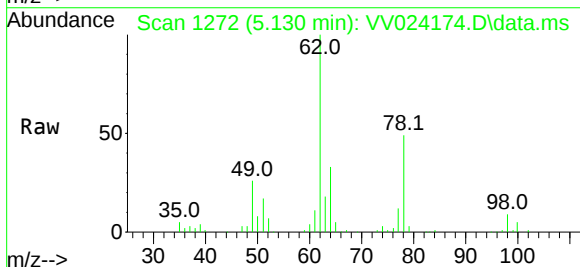
Acq: 27 Dec 2021 11:48

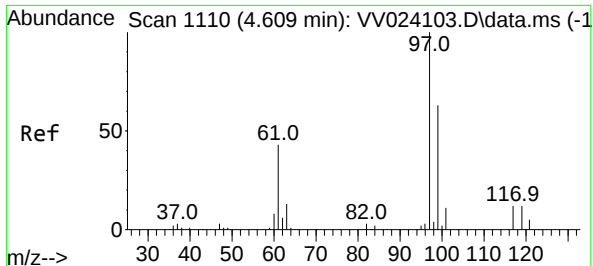
Tgt Ion: 62 Resp: 81743

Ion Ratio Lower Upper

62 100

98 9.3 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 8.019 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

ClientSampleId :

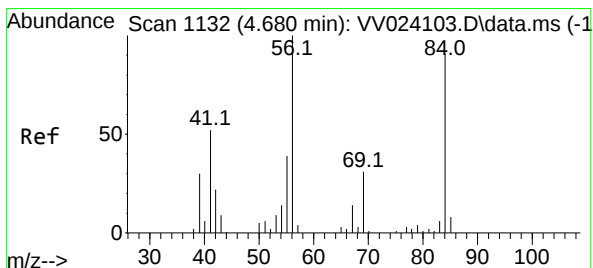
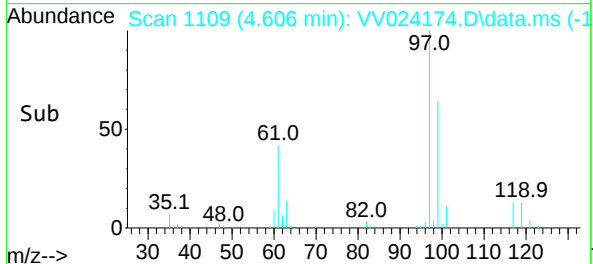
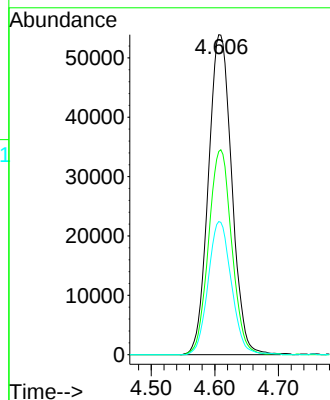
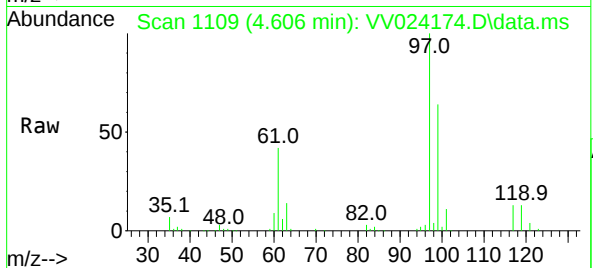
Tgt Ion: 97 Resp: 137798

Ion Ratio Lower Upper

97 100

99 63.4 51.9 77.9

61 41.4 33.2 49.8



#30

Cyclohexane

Concen: 7.889 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

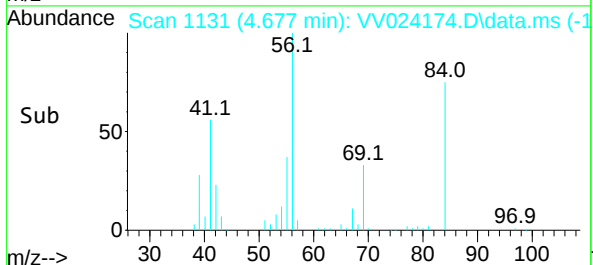
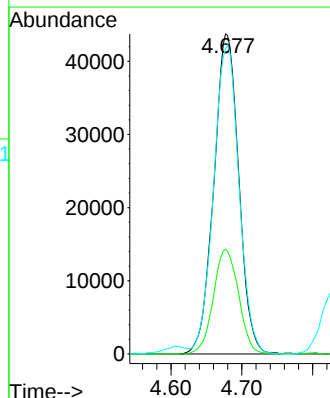
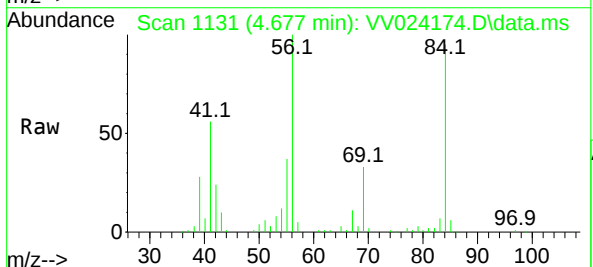
Tgt Ion: 56 Resp: 106872

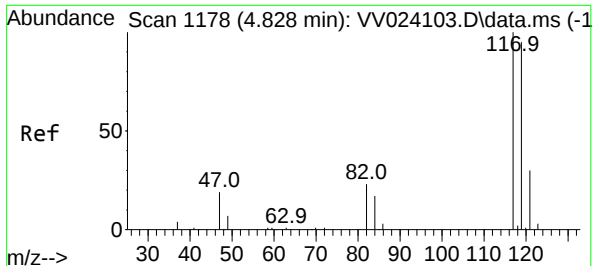
Ion Ratio Lower Upper

56 100

69 33.0 24.8 37.2

84 98.4 75.9 113.9

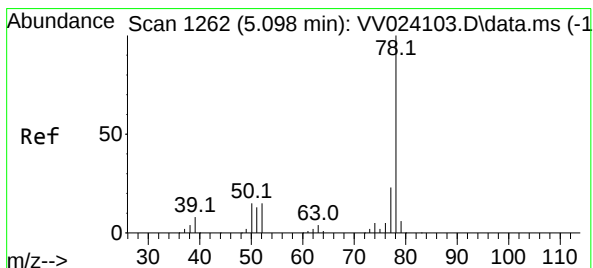
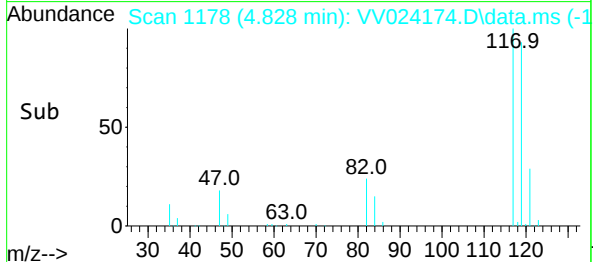
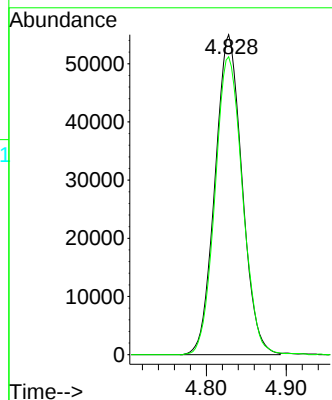
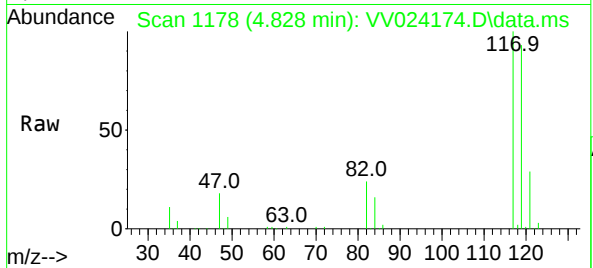




#31
Carbon tetrachloride
Concen: 7.952 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

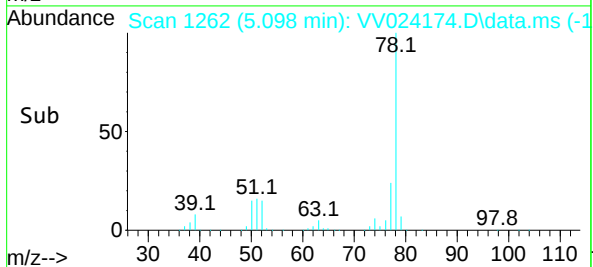
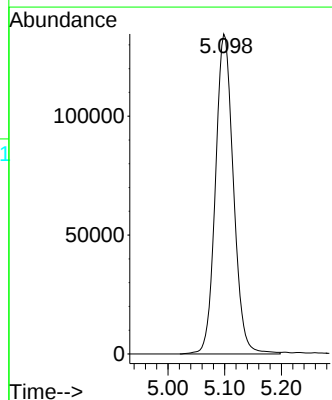
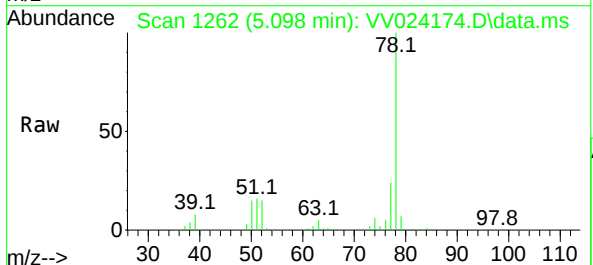
Instrument :
MSVOA_V
ClientSampleId :

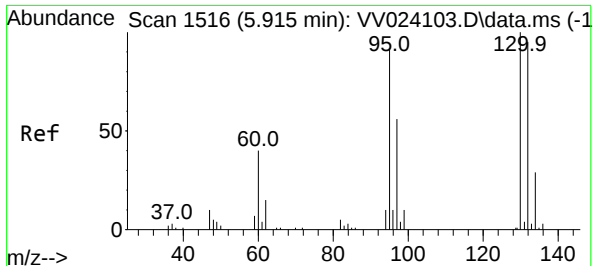
Tgt Ion:117 Resp: 128933
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8



#33
Benzene
Concen: 8.013 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

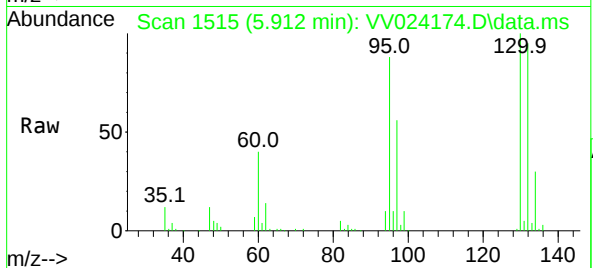
Tgt Ion: 78 Resp: 296326



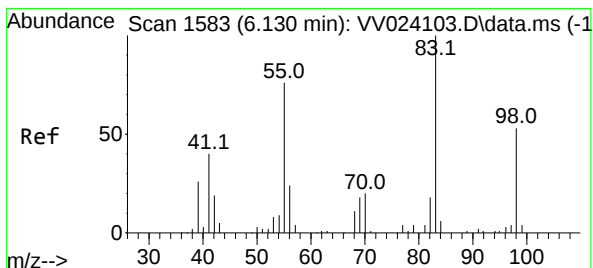
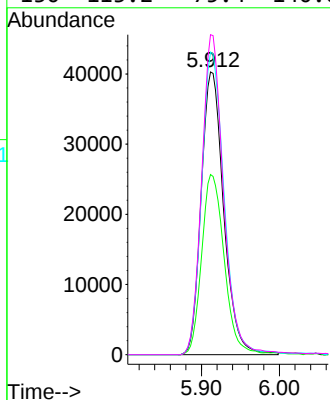
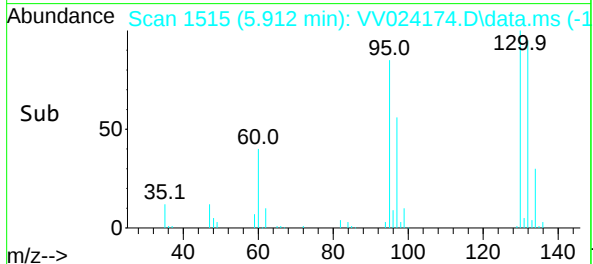


#34
Trichloroethene
Concen: 7.785 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

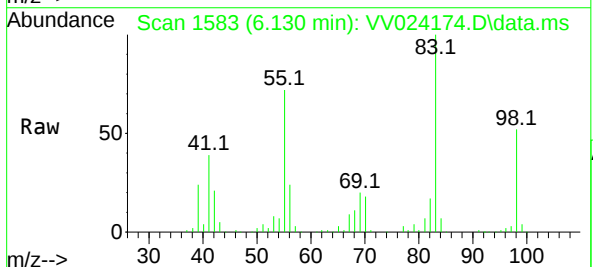
Instrument :
MSVOA_V
ClientSampleId :



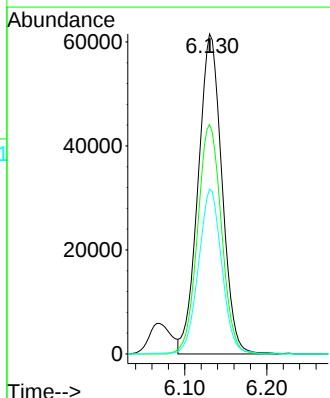
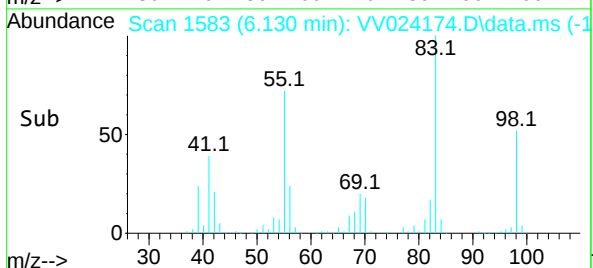
Tgt Ion: 95 Resp: 80717
Ion Ratio Lower Upper
95 100
97 63.7 45.2 84.0
132 107.0 76.1 141.3
130 113.2 75.4 140.0

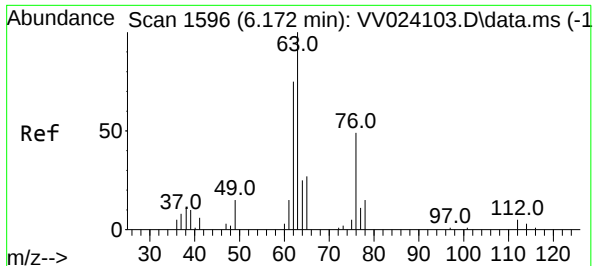


#35
Methylcyclohexane
Concen: 8.017 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48



Tgt Ion: 83 Resp: 123697
Ion Ratio Lower Upper
83 100
55 71.8 60.2 90.2
98 50.6 41.0 61.4





#37

1,2-Dichloropropane

Concen: 7.718 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

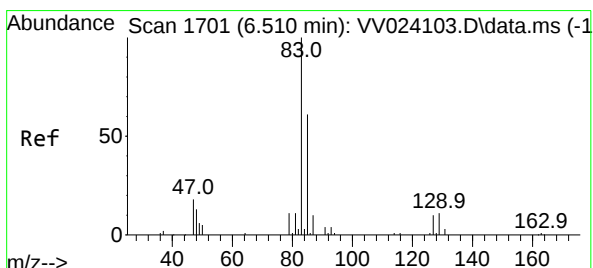
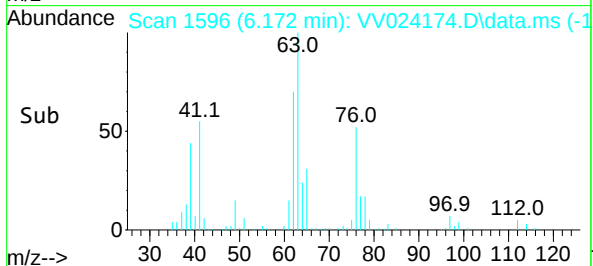
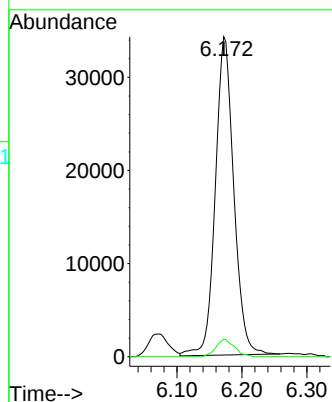
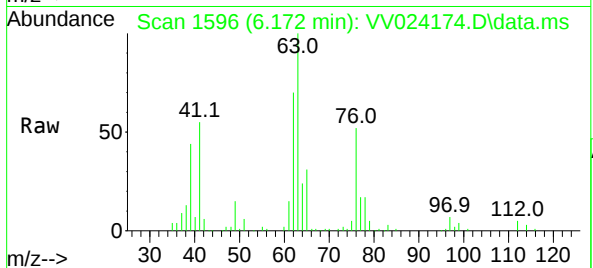
ClientSampleId :

Tgt Ion: 63 Resp: 67324

Ion Ratio Lower Upper

63 100

112 5.5 4.3 6.5



#38

Bromodichloromethane

Concen: 7.821 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

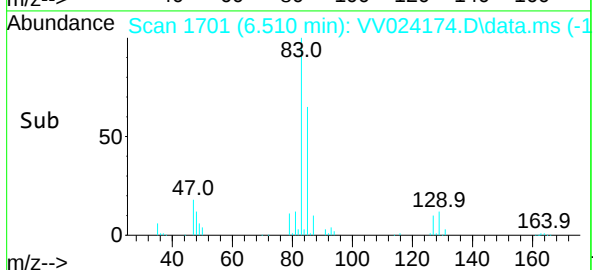
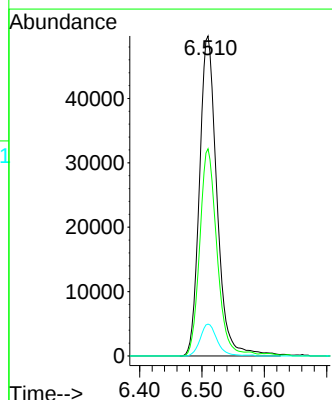
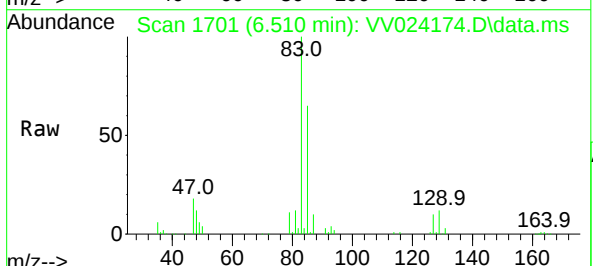
Tgt Ion: 83 Resp: 96750

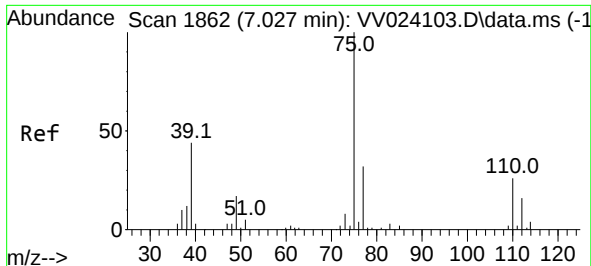
Ion Ratio Lower Upper

83 100

85 64.8 44.0 81.8

127 10.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 7.606 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

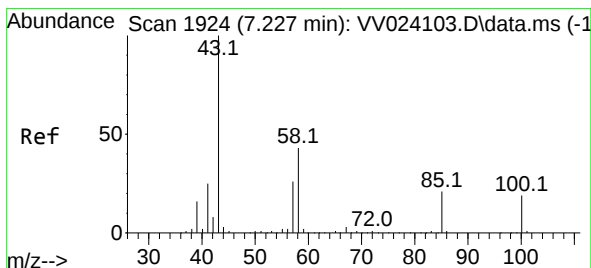
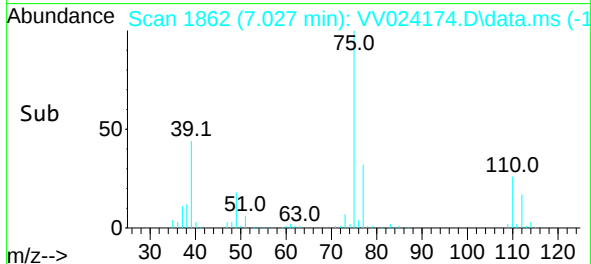
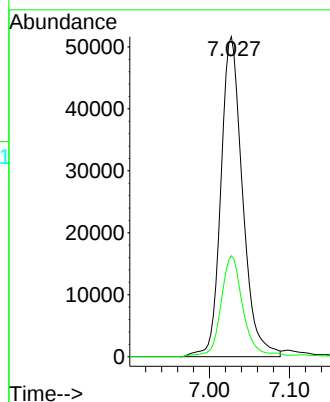
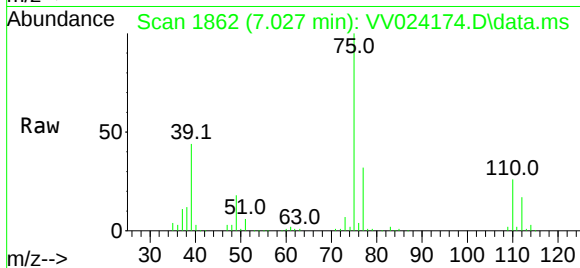
ClientSampleId :

Tgt Ion: 75 Resp: 97221

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 81.209 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

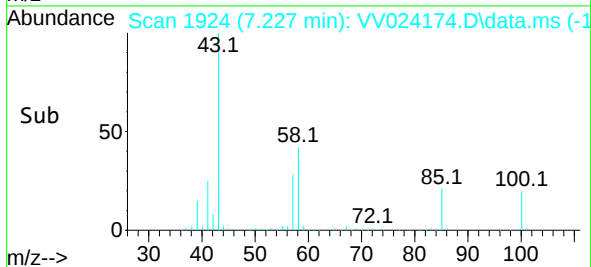
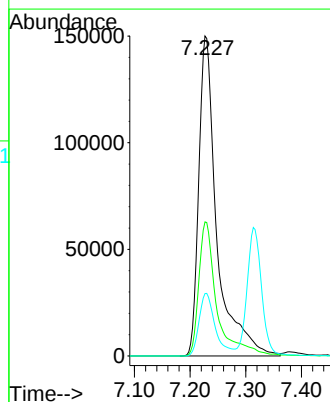
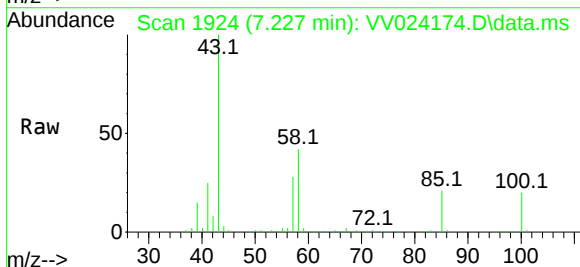
Tgt Ion: 43 Resp: 339208

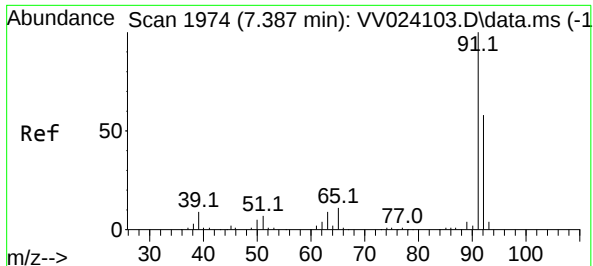
Ion Ratio Lower Upper

43 100

58 42.0 32.3 48.5

100 17.7 13.0 19.6





#42

Toluene

Concen: 8.084 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

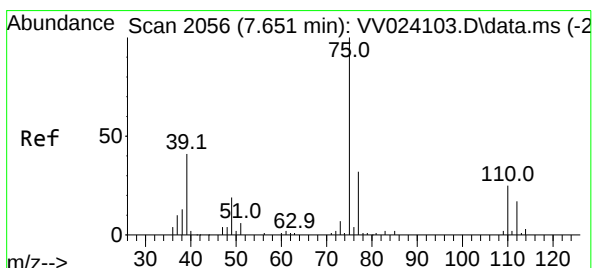
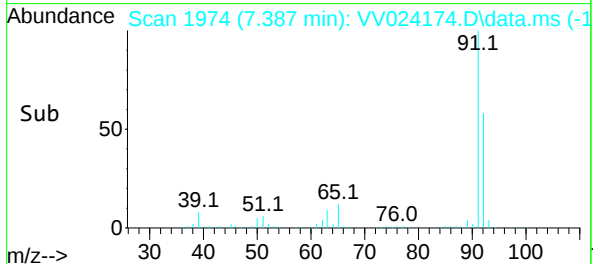
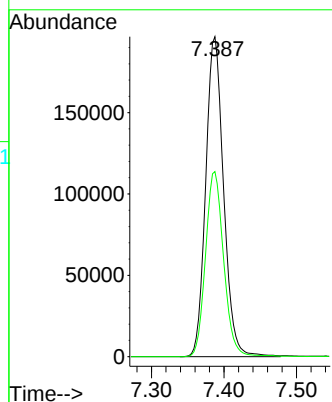
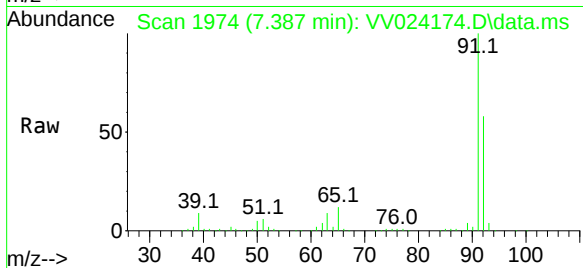
ClientSampleId :

Tgt Ion: 91 Resp: 337513

Ion Ratio Lower Upper

91 100

92 57.9 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 7.819 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV024174.D

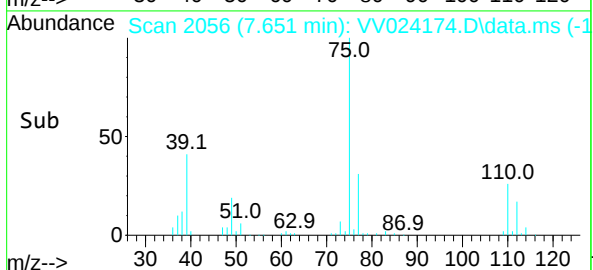
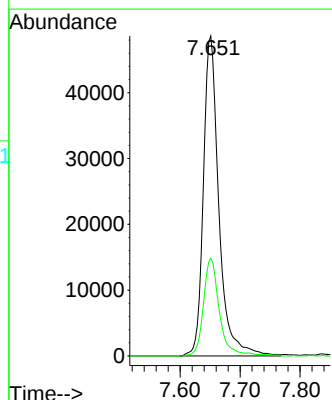
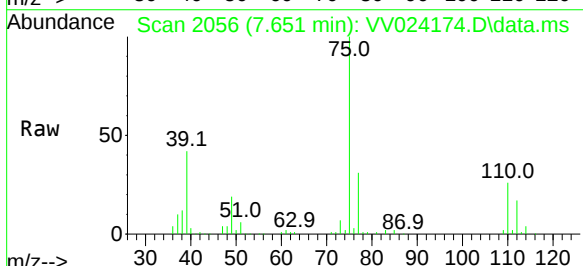
Acq: 27 Dec 2021 11:48

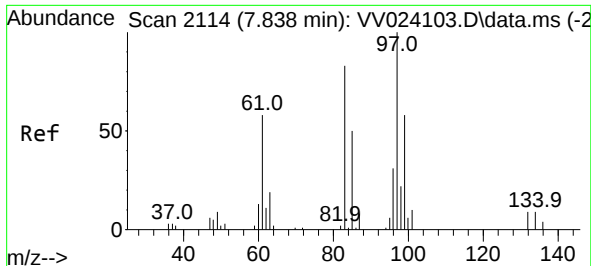
Tgt Ion: 75 Resp: 87545

Ion Ratio Lower Upper

75 100

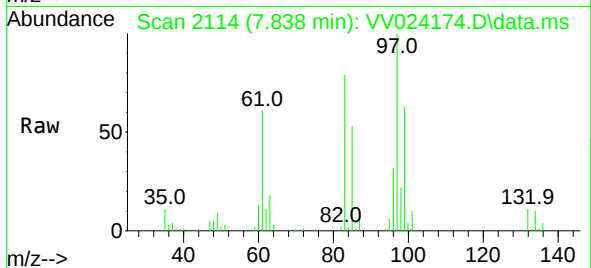
77 30.5 21.8 40.4





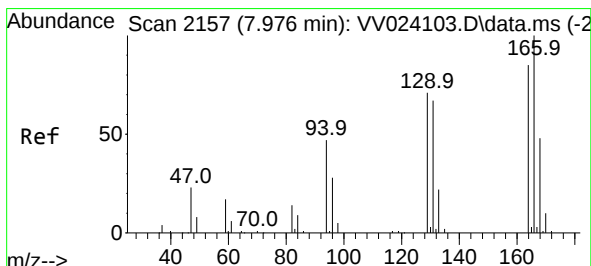
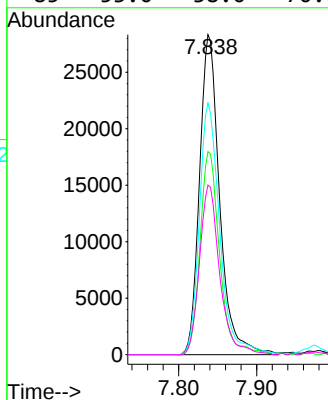
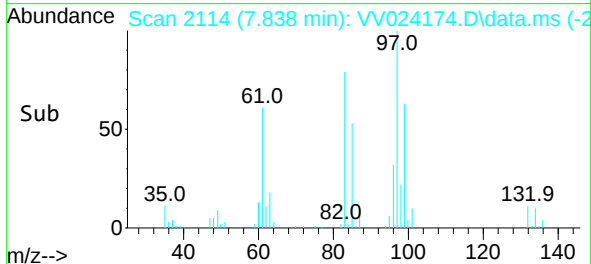
#45
1,1,2-Trichloroethane
Concen: 7.940 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

Instrument :
MSVOA_V
ClientSampleId :

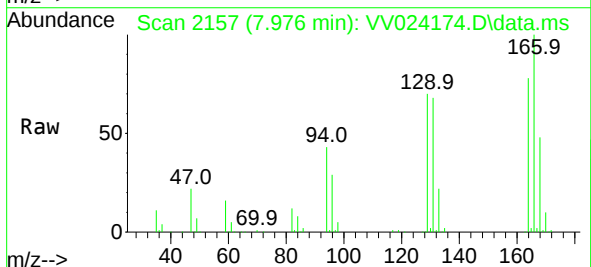


Tgt Ion: 97 Resp: 51006

Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.1	80.1
83	78.7	57.9	107.5
85	53.0	38.0	70.6

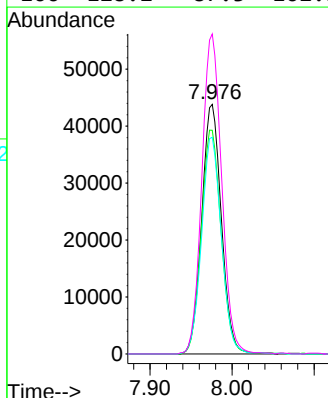
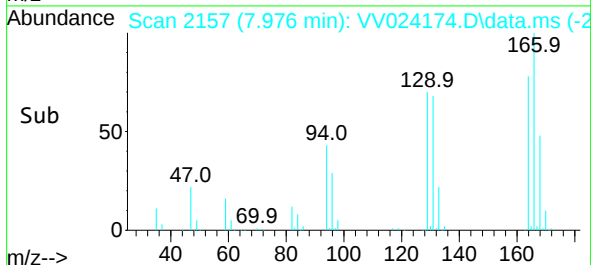


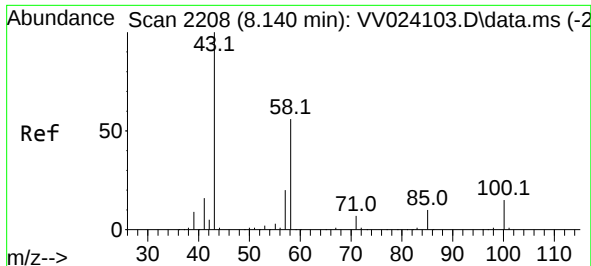
#47
Tetrachloroethene
Concen: 7.966 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48



Tgt Ion: 164 Resp: 72927

Ion	Ratio	Lower	Upper
164	100		
129	89.6	62.6	116.2
131	86.8	61.0	113.4
166	128.2	87.3	162.1

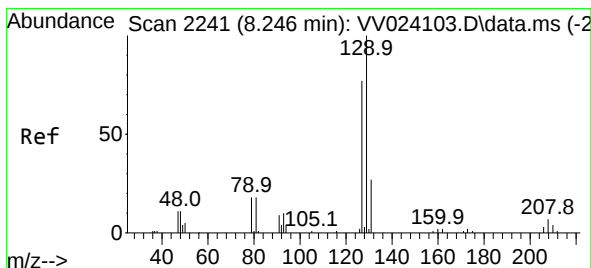
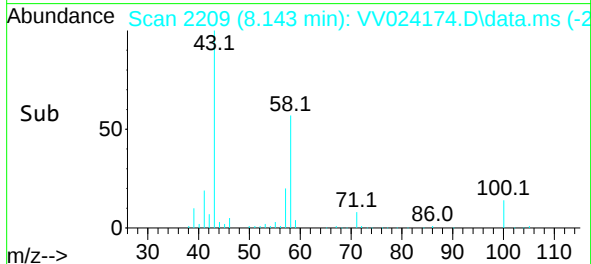
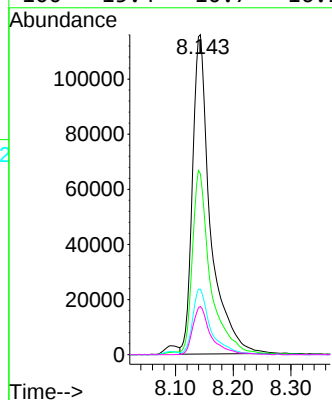
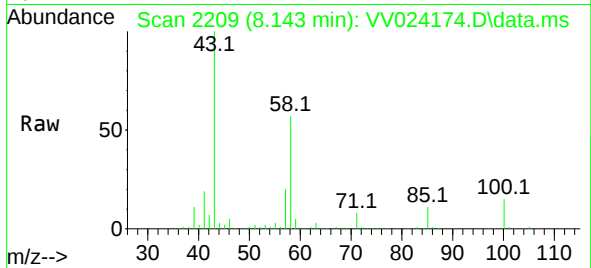




#48
2-Hexanone
Concen: 82.646 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

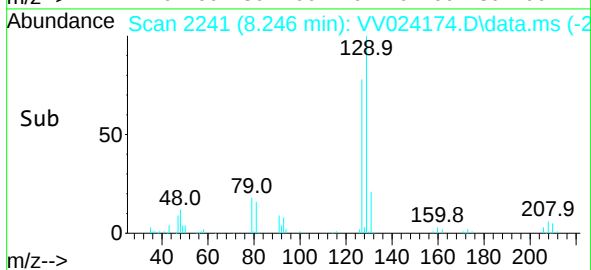
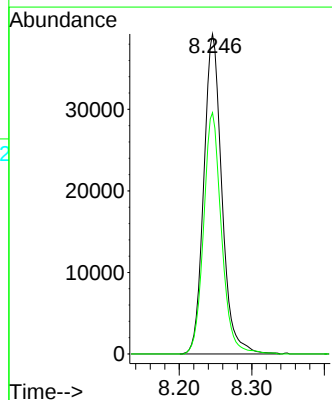
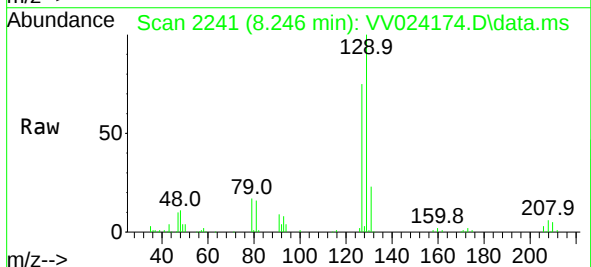
Instrument :
MSVOA_V
ClientSampleId :

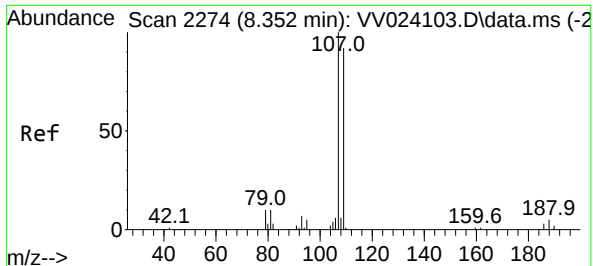
Tgt Ion: 43 Resp: 249726
Ion Ratio Lower Upper
43 100
58 58.4 44.5 66.7
57 20.2 15.1 22.7
100 15.4 10.7 16.1



#49
Dibromochloromethane
Concen: 7.799 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

Tgt Ion: 129 Resp: 67985
Ion Ratio Lower Upper
129 100
127 75.4 53.5 99.3





#50

1,2-Dibromoethane

Concen: 8.048 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024174.D

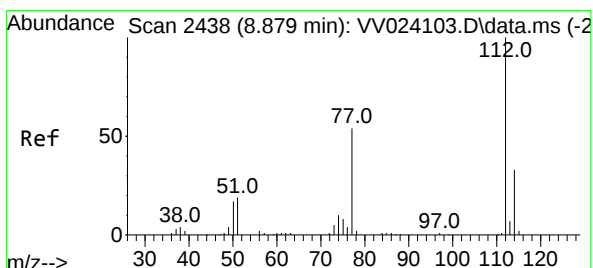
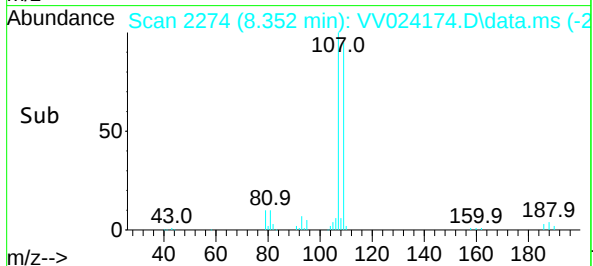
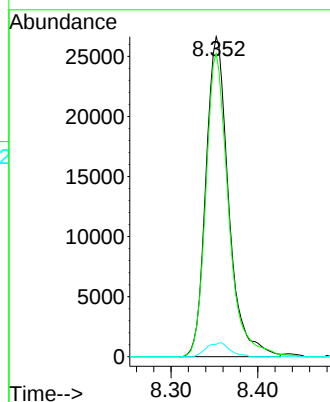
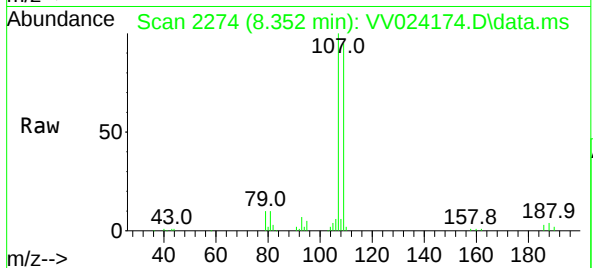
Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	48531
Ion	Ratio	Lower Upper
107	100	
109	94.7	62.5 116.1
188	3.9	3.4 5.2



#51

Chlorobenzene

Concen: 7.769 ug/L

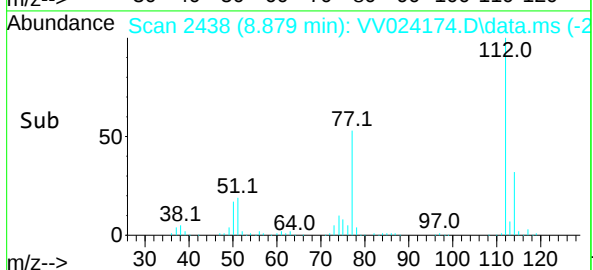
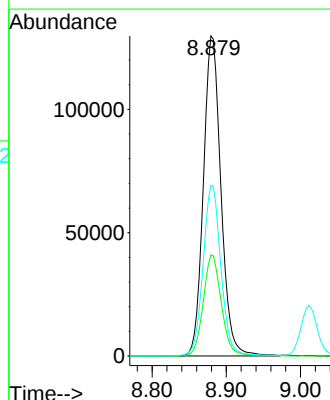
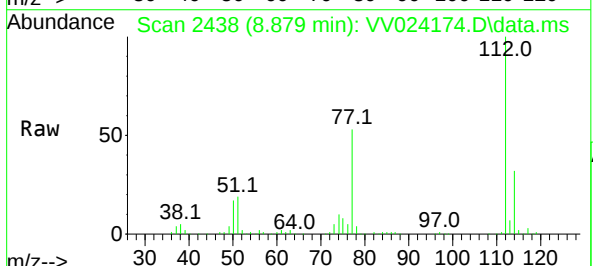
RT: 8.879 min Scan# 2438

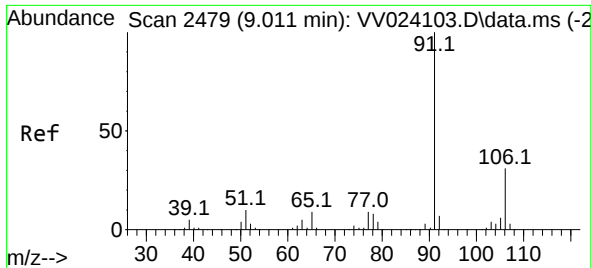
Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Tgt Ion:112	Resp:	213825
Ion	Ratio	Lower Upper
112	100	
114	31.6	23.3 43.3
77	53.3	43.3 64.9

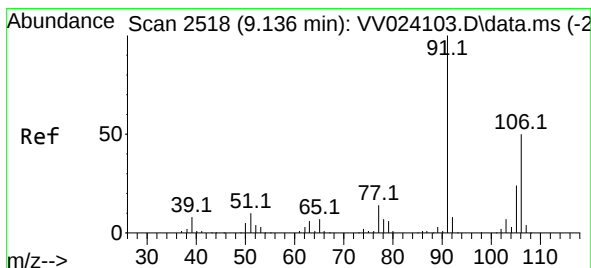
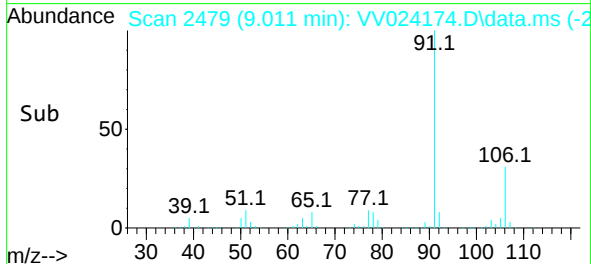
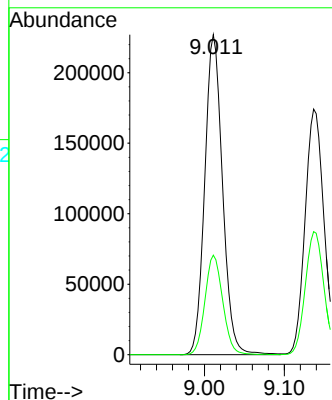
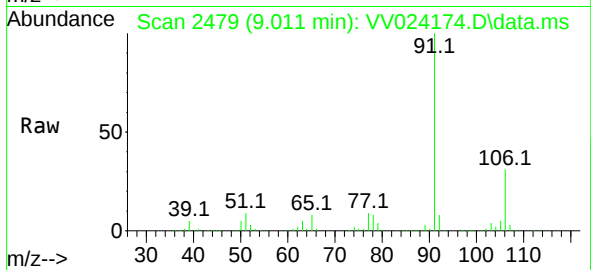




#52
Ethylbenzene
Concen: 8.034 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

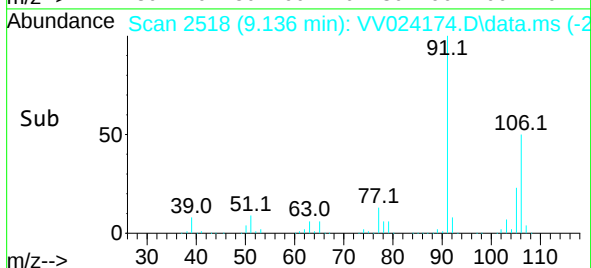
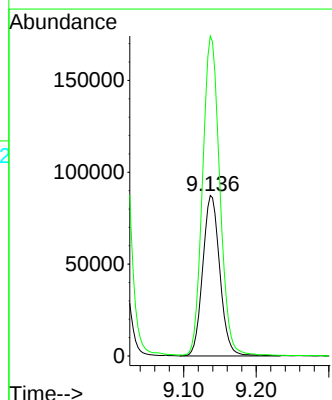
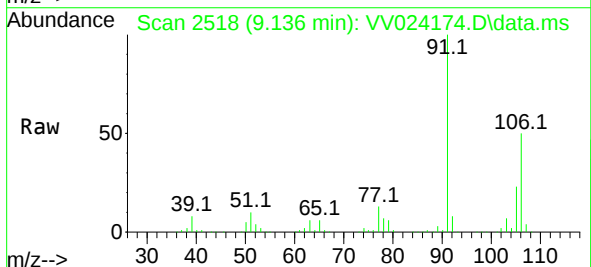
Instrument :
MSVOA_V
ClientSampleId :

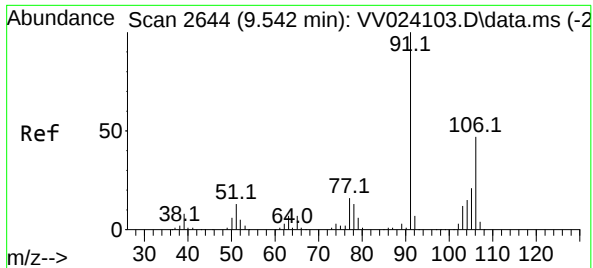
Tgt Ion: 91 Resp: 351591
Ion Ratio Lower Upper
91 100
106 31.1 22.0 41.0



#53
m,p-xylene
Concen: 8.205 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

Tgt Ion: 106 Resp: 143481
Ion Ratio Lower Upper
106 100
91 199.5 139.5 259.1

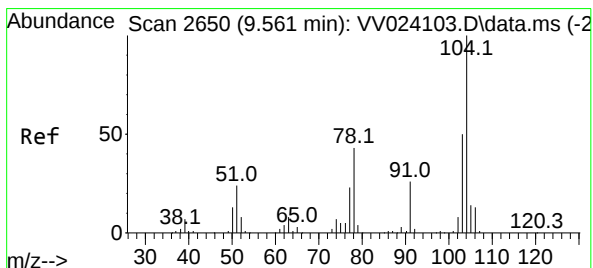
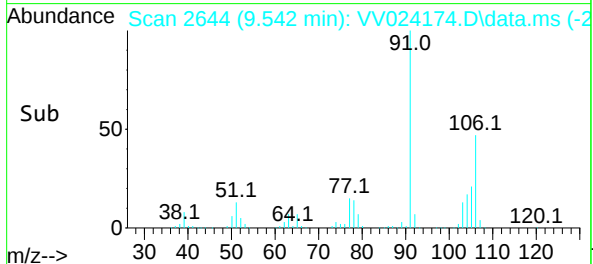
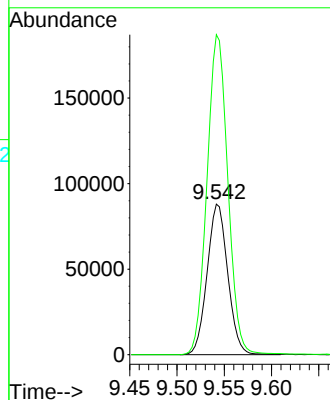
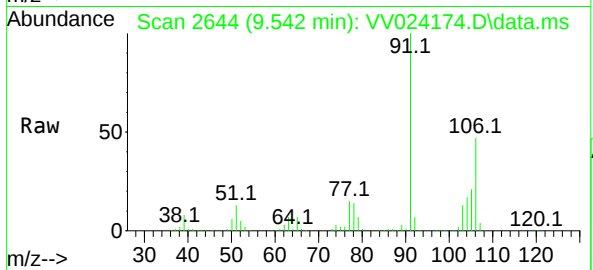




#54
o-xylene
Concen: 7.994 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

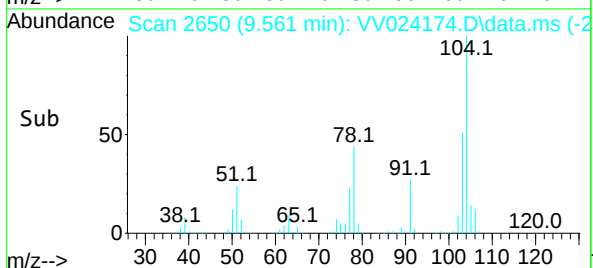
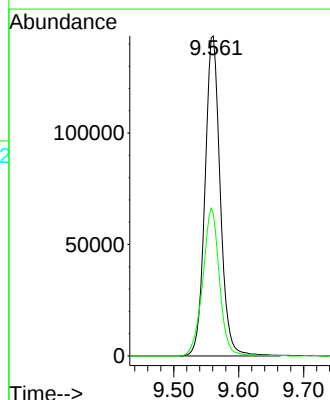
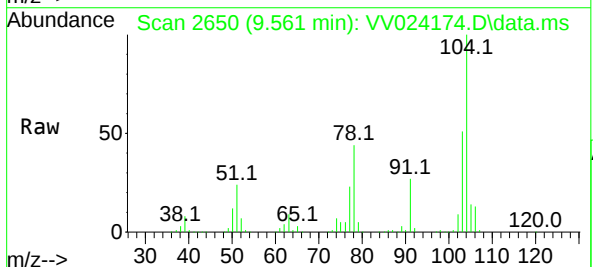
Instrument :
MSVOA_V
ClientSampleId :

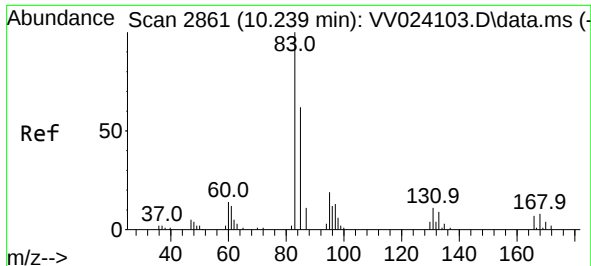
Tgt Ion:106 Resp: 133697
Ion Ratio Lower Upper
106 100
91 212.4 147.9 274.7



#55
Styrene
Concen: 8.346 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

Tgt Ion:104 Resp: 234712
Ion Ratio Lower Upper
104 100
78 44.4 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 7.182 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

ClientSampleId :

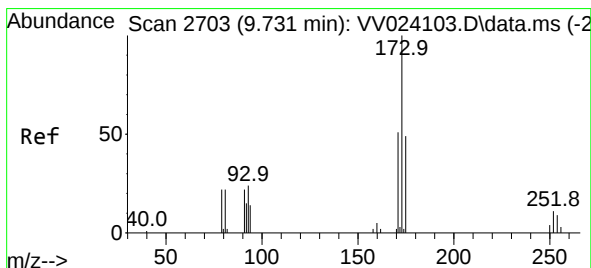
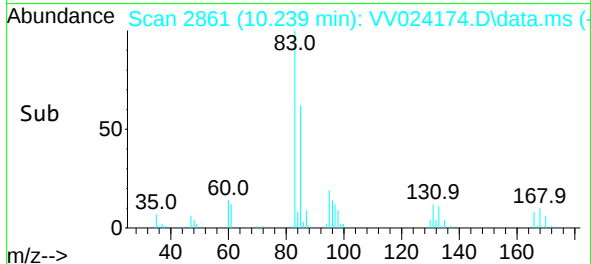
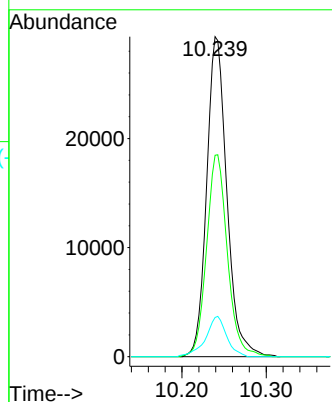
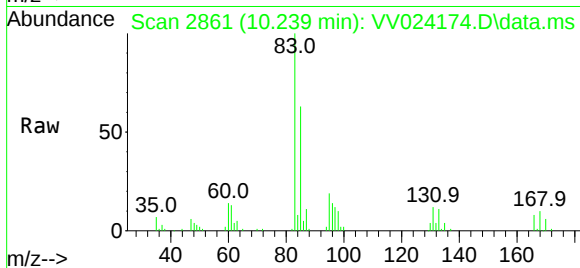
Tgt Ion: 83 Resp: 48943

Ion Ratio Lower Upper

83 100

85 63.0 44.6 82.8

131 12.3 8.3 12.5



#59

Bromoform

Concen: 7.348 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

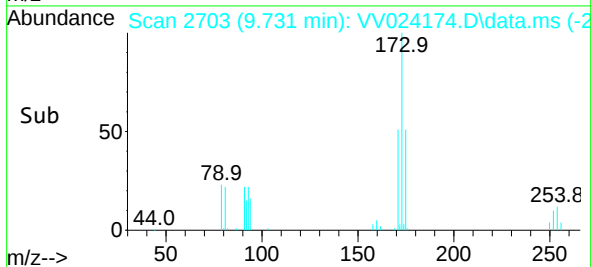
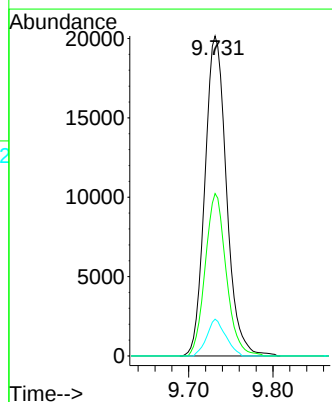
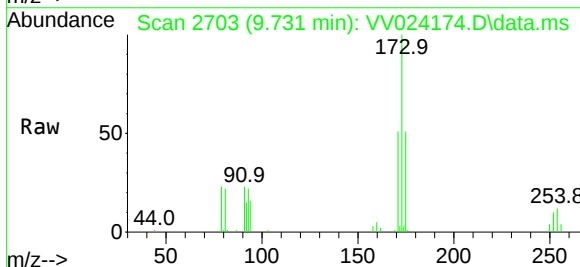
Tgt Ion: 173 Resp: 35926

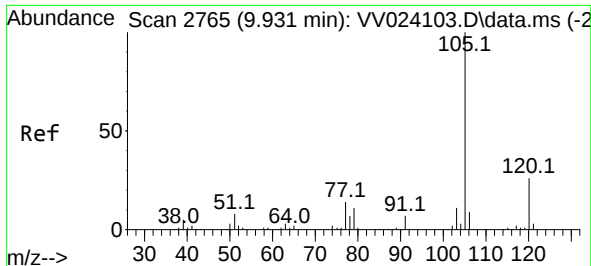
Ion Ratio Lower Upper

173 100

175 49.4 39.4 59.2

254 10.1 7.4 11.0

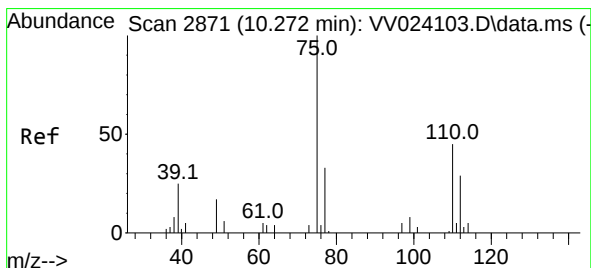
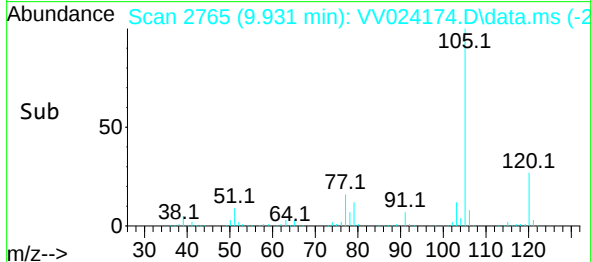
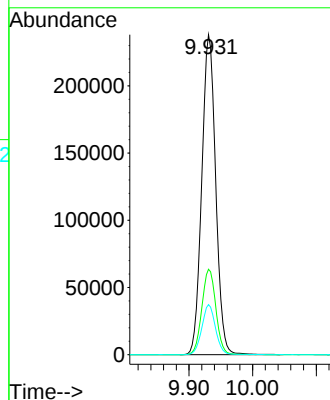
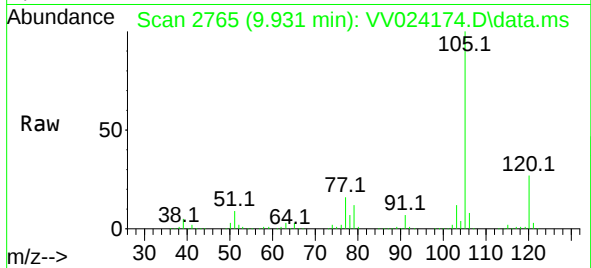




#60
Isopropylbenzene
Concen: 7.836 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

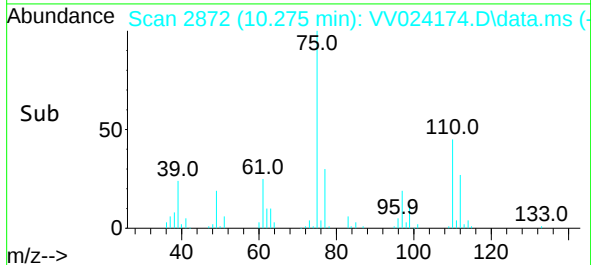
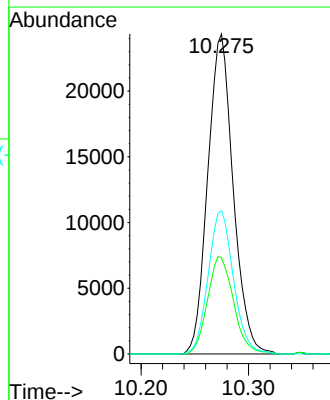
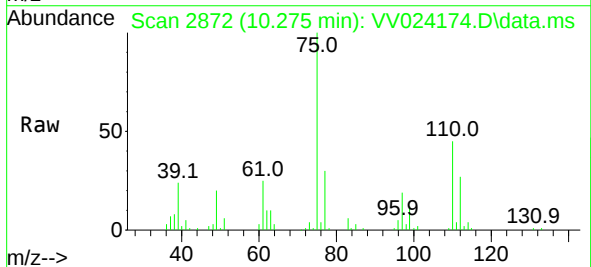
Instrument :
MSVOA_V
ClientSampleId :

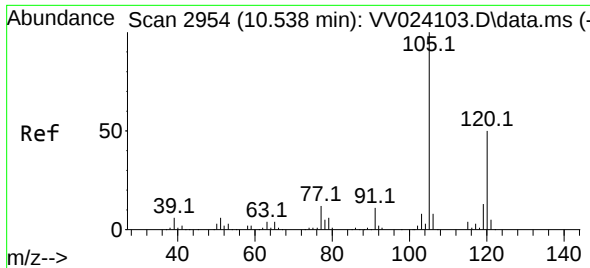
Tgt Ion:105 Resp: 361819
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 7.522 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

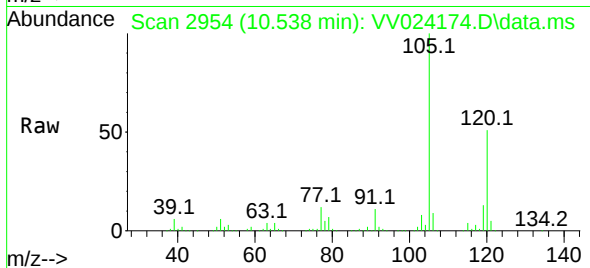
Tgt Ion: 75 Resp: 39926
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
110 44.7 34.2 51.2



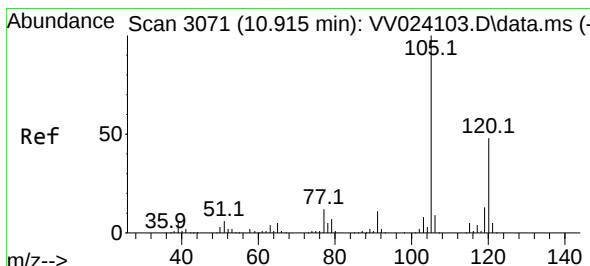
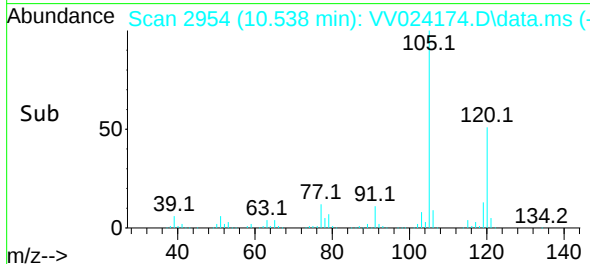
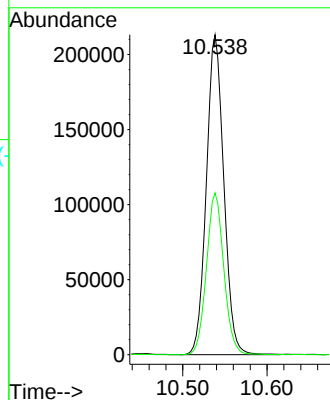


#62
 1,3,5-Trimethylbenzene
 Concen: 7.956 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV024174.D
 Acq: 27 Dec 2021 11:48

Instrument :
 MSVOA_V
 ClientSampleId :

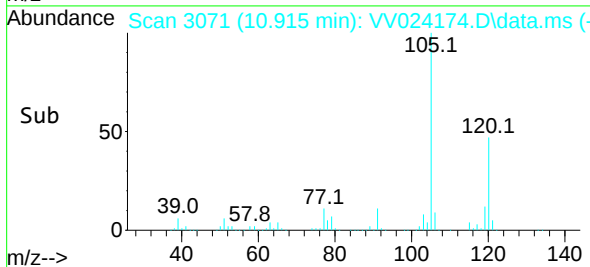
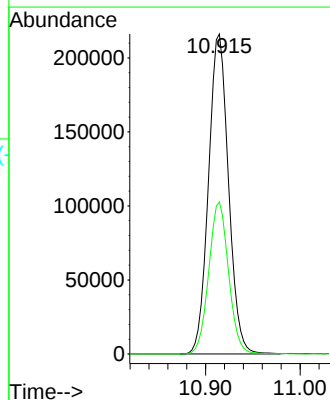
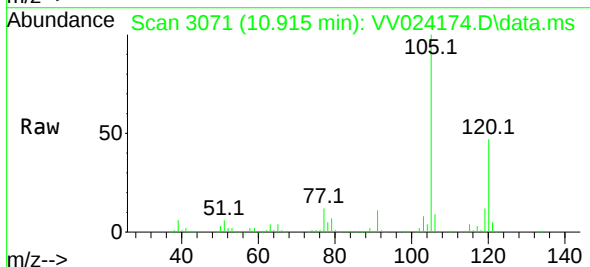


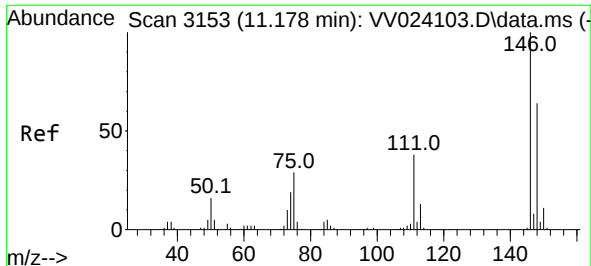
Tgt Ion:105 Resp: 307321
 Ion Ratio Lower Upper
 105 100
 120 50.3 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 8.158 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV024174.D
 Acq: 27 Dec 2021 11:48

Tgt Ion:105 Resp: 317010
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.7 55.1

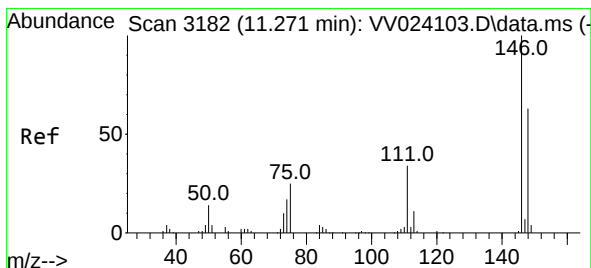
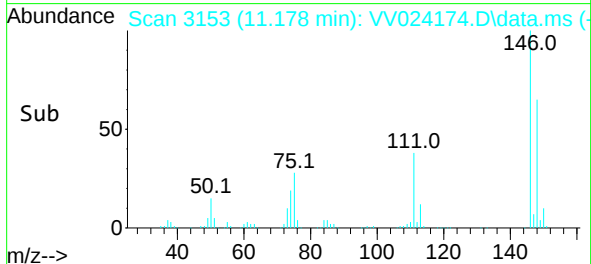
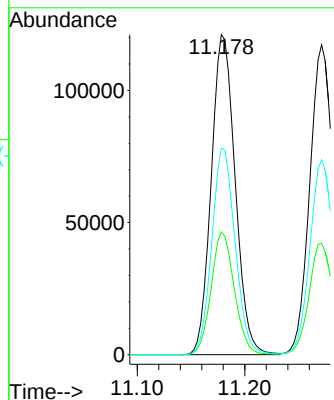
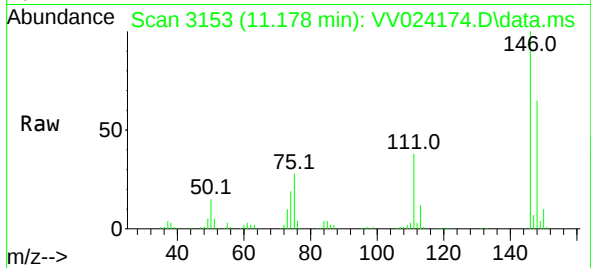




#64
1,3-Dichlorobenzene
Concen: 7.892 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

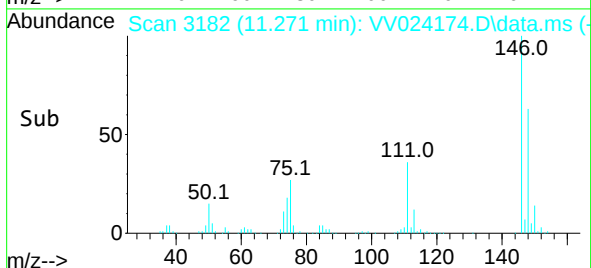
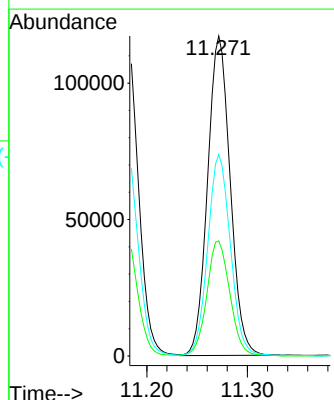
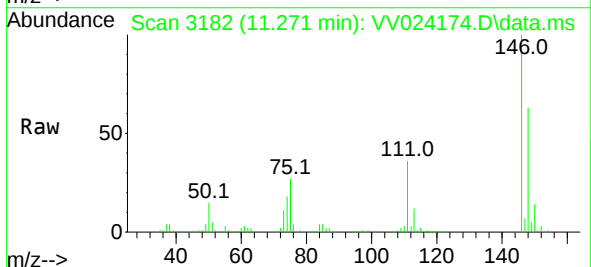
Instrument :
MSVOA_V
ClientSampleId :

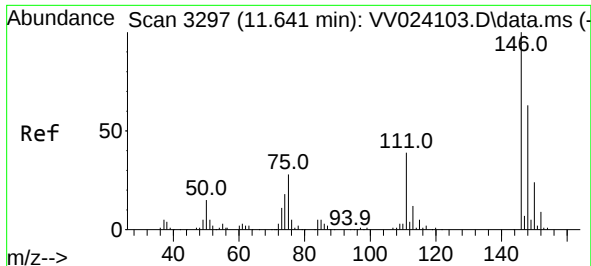
Tgt Ion:146 Resp: 187181
Ion Ratio Lower Upper
146 100
111 38.4 26.3 48.9
148 64.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 7.720 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

Tgt Ion:146 Resp: 182775
Ion Ratio Lower Upper
146 100
111 36.0 25.6 47.6
148 63.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 7.683 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

ClientSampleId :

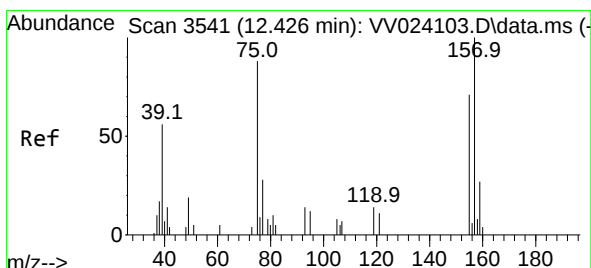
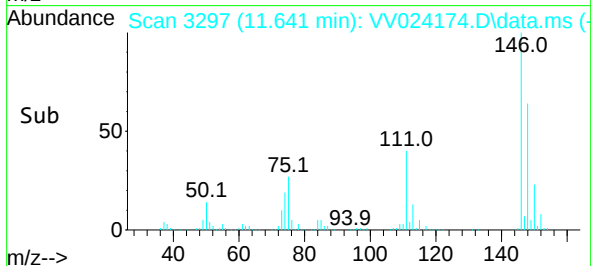
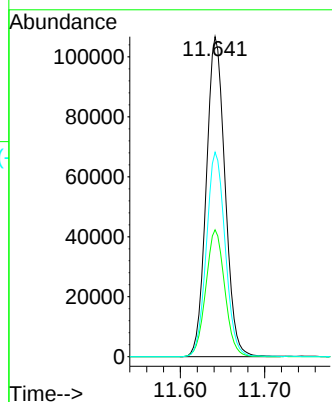
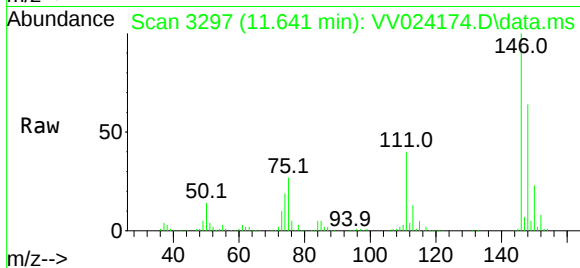
Tgt Ion:146 Resp: 165497

Ion Ratio Lower Upper

146 100

111 39.6 31.9 47.9

148 63.9 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.955 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

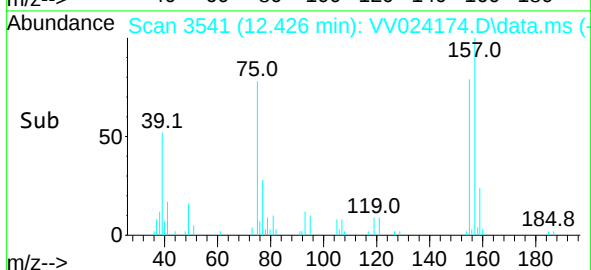
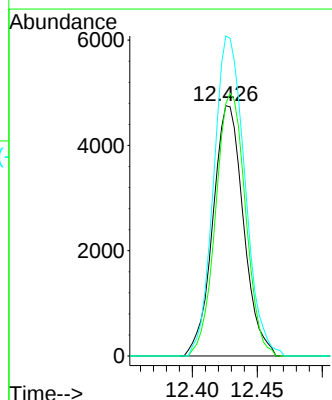
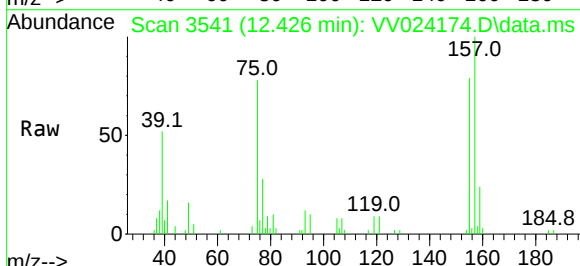
Tgt Ion: 75 Resp: 7796

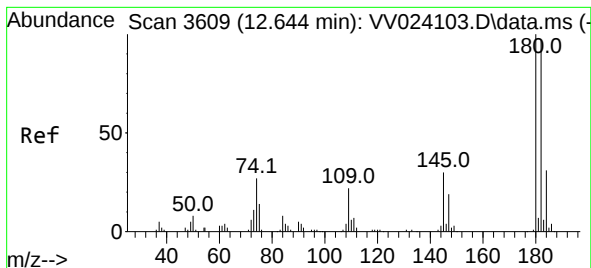
Ion Ratio Lower Upper

75 100

155 100.9 71.7 107.5

157 127.9 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 7.578 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

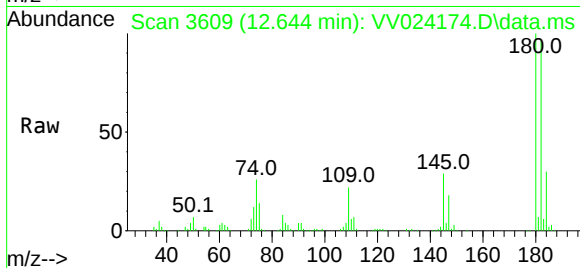
Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 147262

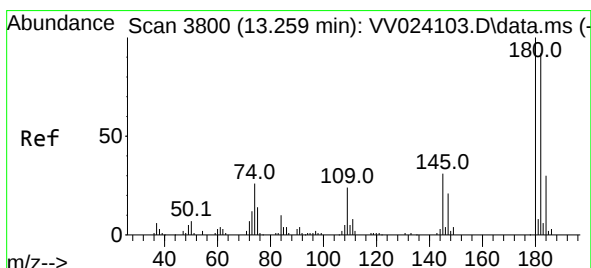
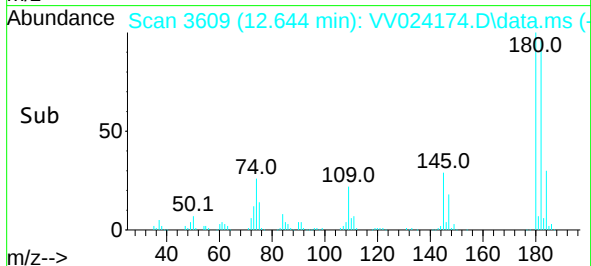
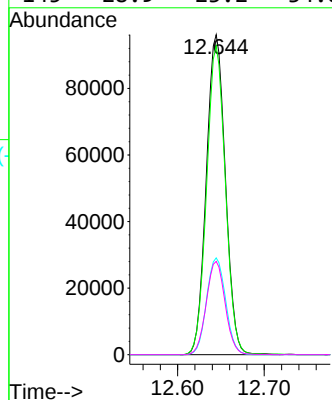
Ion Ratio Lower Upper

180 100

182 94.9 76.4 114.6

184 30.2 24.2 36.4

145 28.9 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 7.370 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024174.D

Acq: 27 Dec 2021 11:48

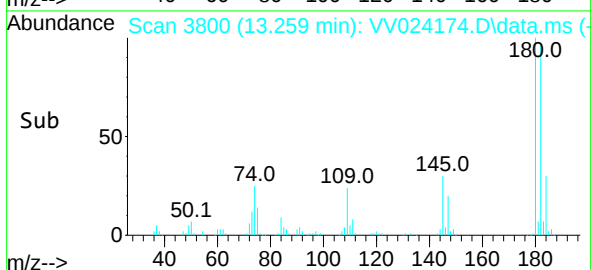
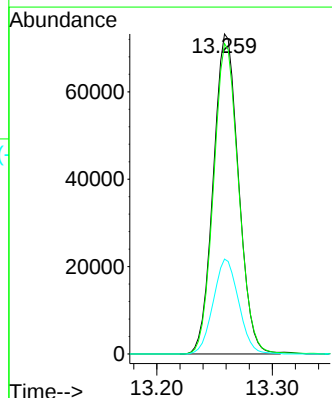
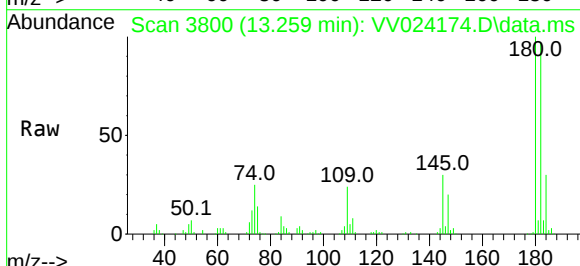
Tgt Ion:180 Resp: 111036

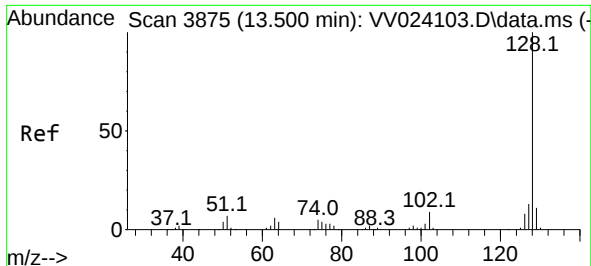
Ion Ratio Lower Upper

180 100

182 96.5 74.4 111.6

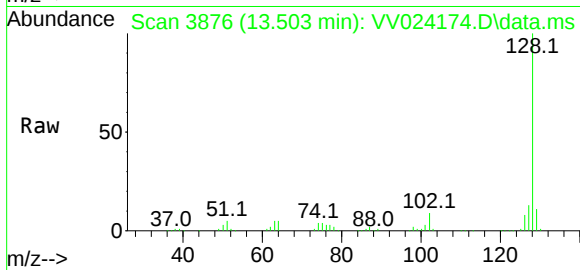
145 29.8 23.3 34.9



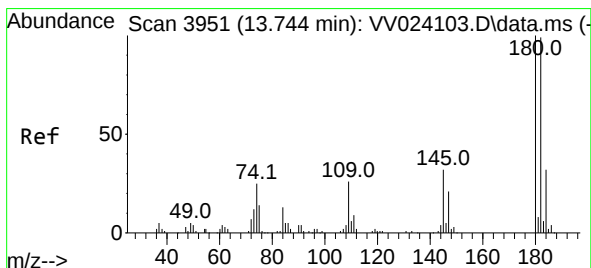
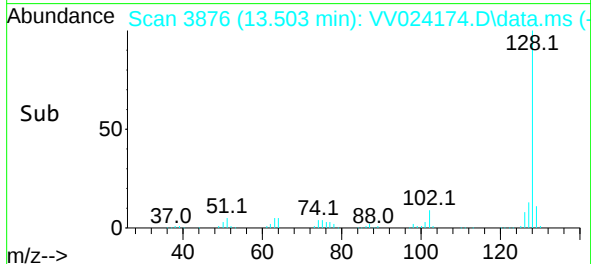
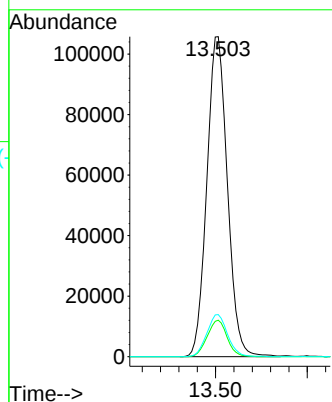


#71
Naphthalene
Concen: 7.492 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 164652
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.3 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 7.557 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024174.D
Acq: 27 Dec 2021 11:48

Tgt Ion:180 Resp: 101093
Ion Ratio Lower Upper
180 100
182 96.5 76.8 115.2
145 31.4 25.8 38.6

