

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024243.D
 Acq On : 30 Dec 2021 19:30
 Operator : SY/MD
 Sample : VSTD01070
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 05:02:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:01:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	235936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	222741	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	118874	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	17022	10.025	ug/L	0.00
7) Chloroethane-d5	1.568	69	12941	10.033	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	31892	10.049	ug/L	0.00
21) 2-Butanone-d5	3.902	46	14741	15.504	ug/L	0.02
24) Chloroform-d	4.355	84	30097	9.698	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	20739	9.981	ug/L	0.00
32) Benzene-d6	5.053	84	57113	9.826	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	16387	10.060	ug/L	0.00
41) Toluene-d8	7.317	98	54038	9.602	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	9185	9.792	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	12346	17.444	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	23118	9.931	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	24239	10.230	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	18671	9.809	ug/L	98
3) Chloromethane	1.243	50	16426	10.272	ug/L	99
5) Vinyl chloride	1.311	62	16560	9.787	ug/L	87
6) Bromomethane	1.523	94	8574	8.892	ug/L	93
8) Chloroethane	1.584	64	9181	8.791	ug/L	97
9) Trichlorofluoromethane	1.754	101	29379	9.659	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	14741	9.917	ug/L	96
12) 1,1-Dichloroethene	2.121	96	14287	9.941	ug/L	90
13) Acetone	2.179	43	18790	21.172	ug/L	100
14) Carbon disulfide	2.298	76	40933	9.810	ug/L	99
15) Methyl Acetate	2.436	43	13552	9.976	ug/L	96
16) Methylene chloride	2.507	84	14887	9.512	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	13943	9.415	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	41610	9.117	ug/L	100
19) 1,1-Dichloroethane	3.191	63	23778	9.681	ug/L	95
20) cis-1,2-Dichloroethene	3.918	96	14928	9.439	ug/L	98
22) 2-Butanone	3.986	43	16406	16.547	ug/L #	67
23) Bromochloromethane	4.259	128	8463	9.287	ug/L	95
25) Chloroform	4.378	83	27588	9.606	ug/L	98
27) 1,2-Dichloroethane	5.134	62	22500	9.632	ug/L	100
29) Cyclohexane	4.680	56	18261	9.171	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	26557	9.690	ug/L	98
31) Carbon tetrachloride	4.831	117	25030	9.844	ug/L	99
33) Benzene	5.101	78	54097	9.551	ug/L	100
34) Trichloroethene	5.918	95	14691	9.406	ug/L	92
35) Methylcyclohexane	6.133	83	21360	9.222	ug/L	98
37) 1,2-Dichloropropane	6.175	63	13251	9.947	ug/L	98
38) Bromodichloromethane	6.513	83	20110	9.620	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	19179	8.565	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	30281	17.432	ug/L	99
42) Toluene	7.391	91	58926	9.268	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	20336	8.952	ug/L	99

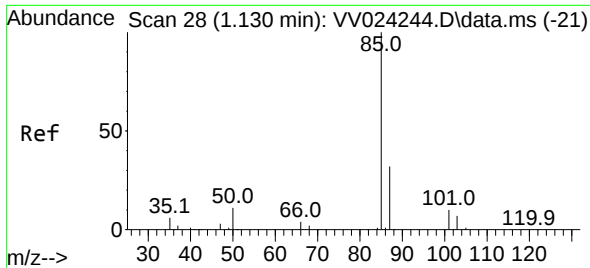
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
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Quant Time: Dec 31 05:02:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 05:01:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	14692	9.838	ug/L	97
46) Tetrachloroethene	7.979	164	13602	9.568	ug/L	93
48) 2-Hexanone	8.143	43	24150	17.309	ug/L	97
49) Dibromochloromethane	8.246	129	17334	9.260	ug/L	94
50) 1,2-Dibromoethane	8.355	107	15295	9.535	ug/L	98
51) Chlorobenzene	8.883	112	41675	9.732	ug/L	98
52) Ethylbenzene	9.014	91	61945	9.120	ug/L	95
53) m,p-Xylene	9.140	106	24313	8.930	ug/L	97
54) o-Xylene	9.545	106	22910	8.815	ug/L	98
55) Styrene	9.564	104	39044	8.651	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	21271	9.754	ug/L	98
59) Bromoform	9.731	173	13125	9.683	ug/L	96
60) Isopropylbenzene	9.931	105	60977	9.270	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	17138	9.818	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	49443	8.738	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	49190	8.708	ug/L	98
64) 1,3-Dichlorobenzene	11.182	146	31985	9.431	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	33795	9.662	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	33487	9.580	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4402	8.757	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	23954	9.182	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	19309	8.654	ug/L	96
71) Naphthalene	13.503	128	53302	8.257	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	20540	8.907	ug/L	96

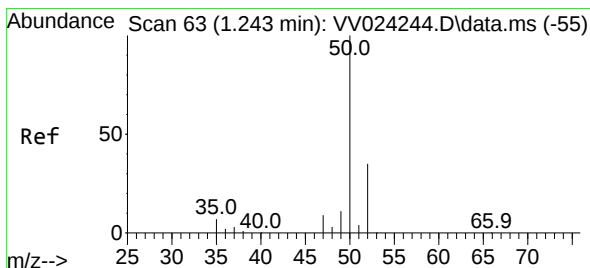
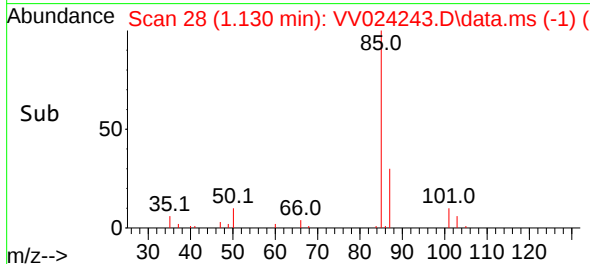
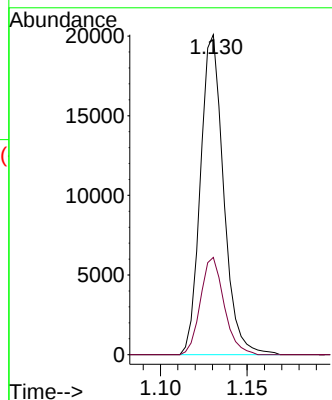
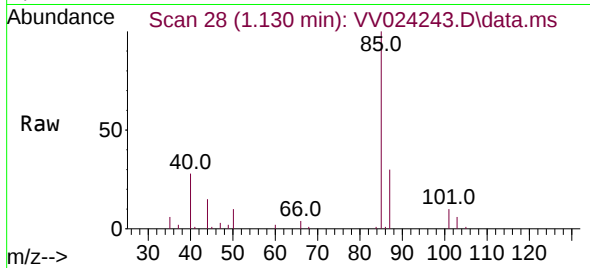
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#2
 Dichlorodifluoromethane
 Concen: 9.809 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

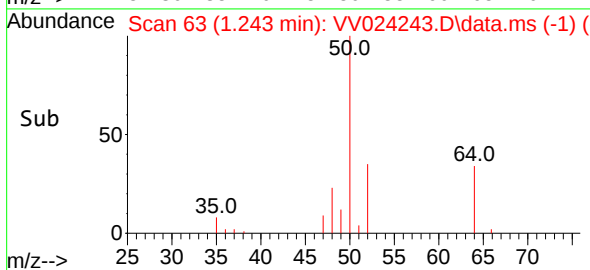
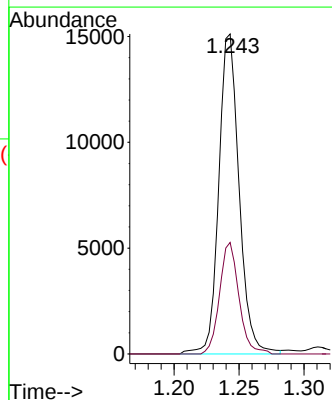
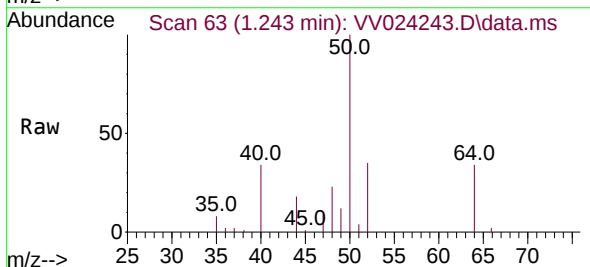
Instrument :
 MSVOA_V
 ClientSampleId :

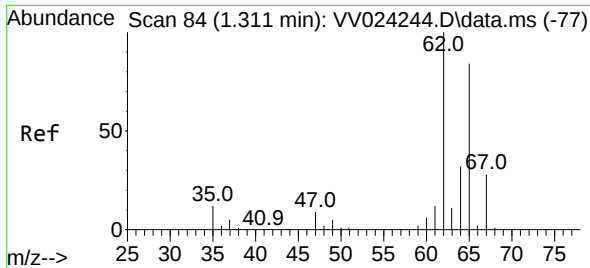
Tgt Ion: 85 Resp: 18671
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.8 38.8



#3
 Chloromethane
 Concen: 10.272 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

Tgt Ion: 50 Resp: 16426
 Ion Ratio Lower Upper
 50 100
 52 34.8 24.1 44.7

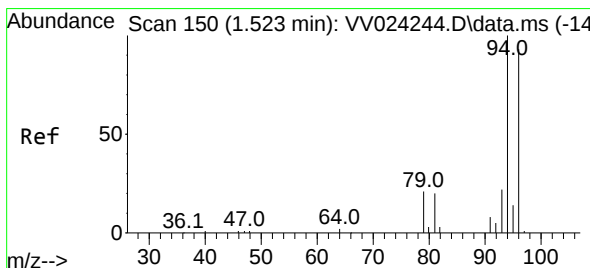
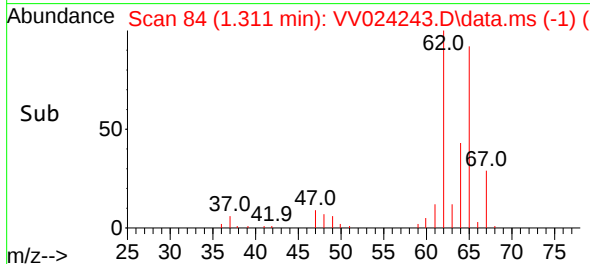
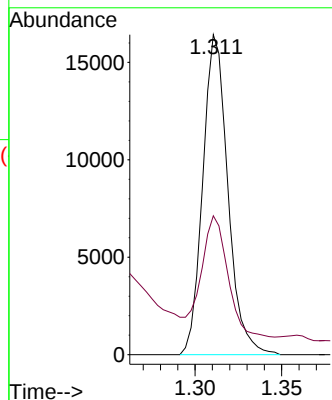
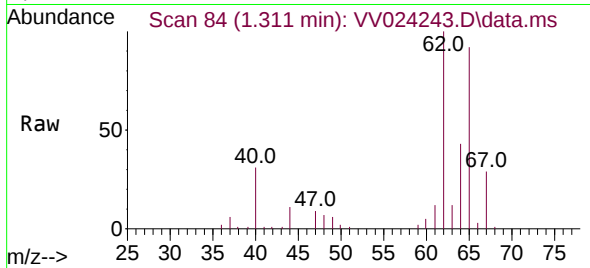




#5
 Vinyl chloride
 Concen: 9.787 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

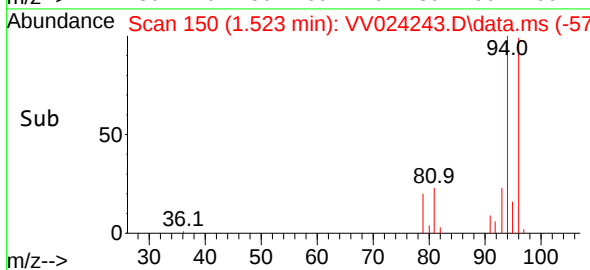
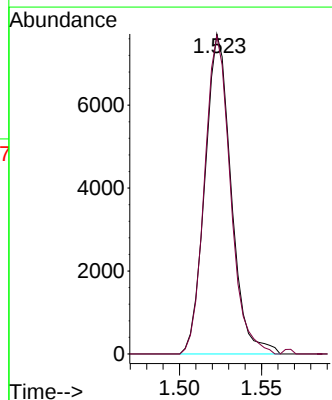
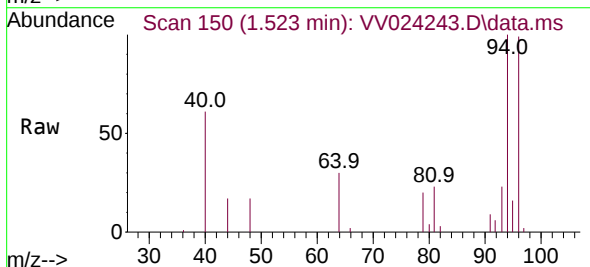
Instrument :
 MSVOA_V
 ClientSampleId :

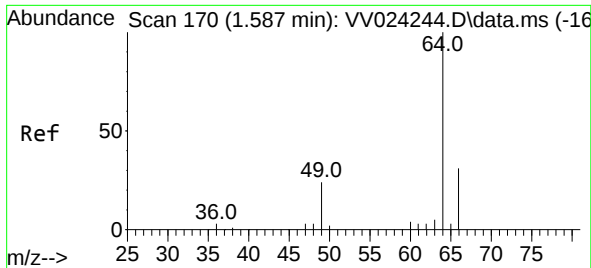
Tgt Ion: 62 Resp: 16560
 Ion Ratio Lower Upper
 62 100
 64 43.4 25.0 46.4



#6
 Bromomethane
 Concen: 8.892 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

Tgt Ion: 94 Resp: 8574
 Ion Ratio Lower Upper
 94 100
 96 99.4 65.0 120.6





#8

Chloroethane

Concen: 8.791 ug/L

RT: 1.584 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

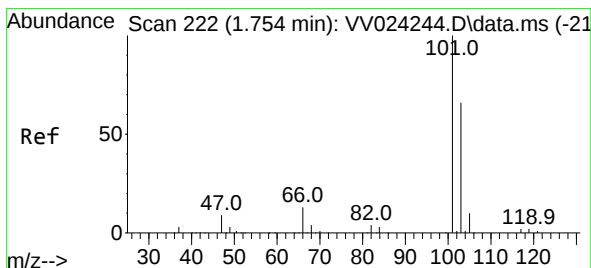
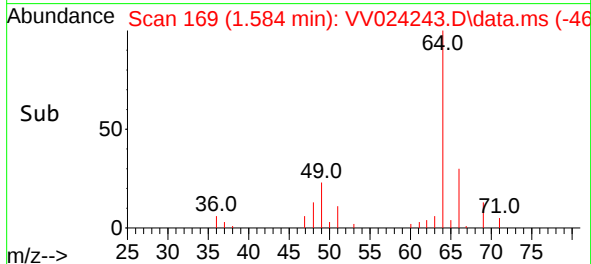
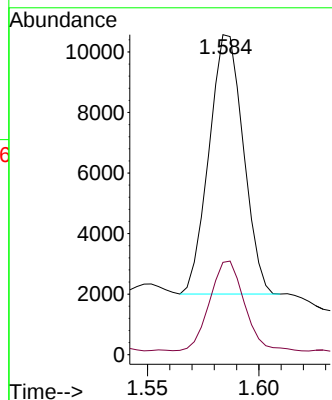
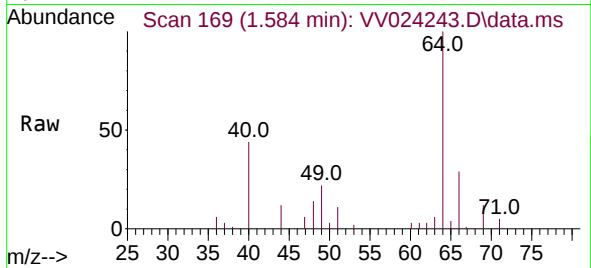
ClientSampleId :

Tgt Ion: 64 Resp: 9181

Ion Ratio Lower Upper

64 100

66 28.8 21.4 39.8



#9

Trichlorofluoromethane

Concen: 9.659 ug/L

RT: 1.754 min Scan# 222

Delta R.T. 0.000 min

Lab File: VV024243.D

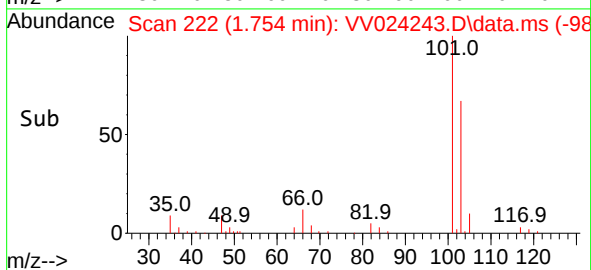
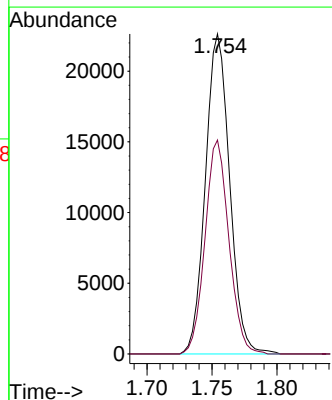
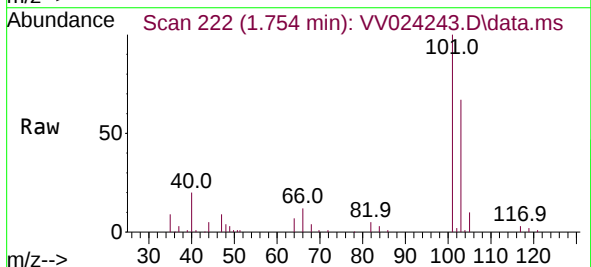
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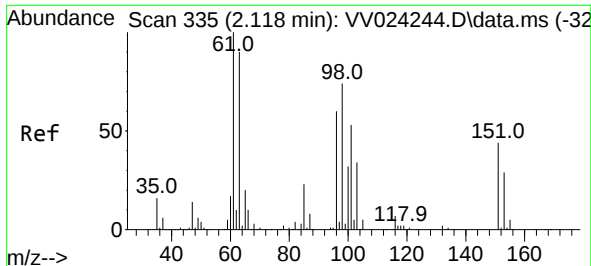
Tgt Ion:101 Resp: 29379

Ion Ratio Lower Upper

101 100

103 65.8 52.0 78.0

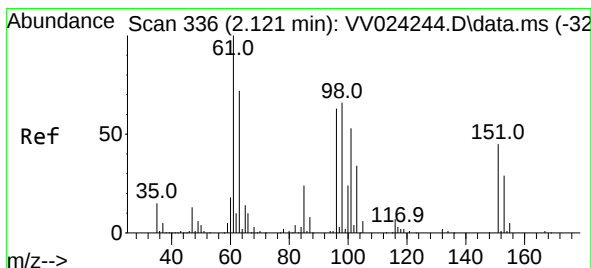
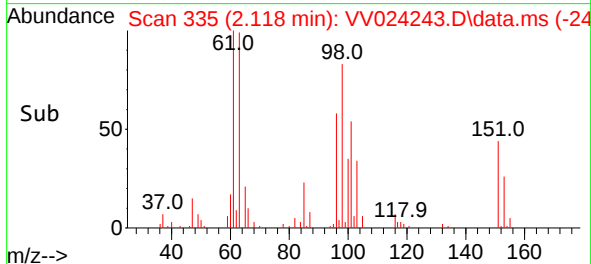
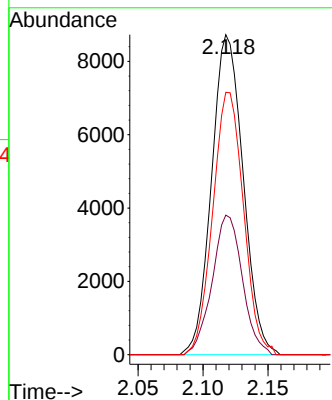
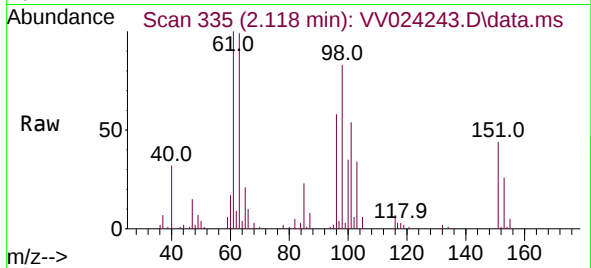




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.917 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

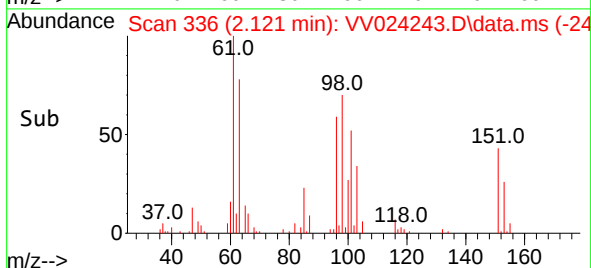
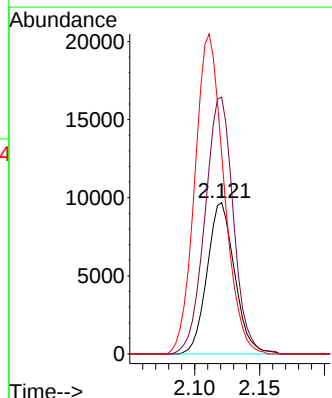
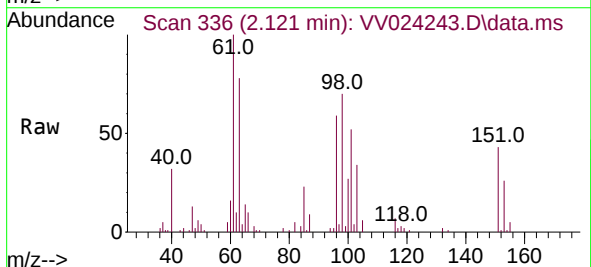
Instrument :
 MSVOA_V
 ClientSampleId :

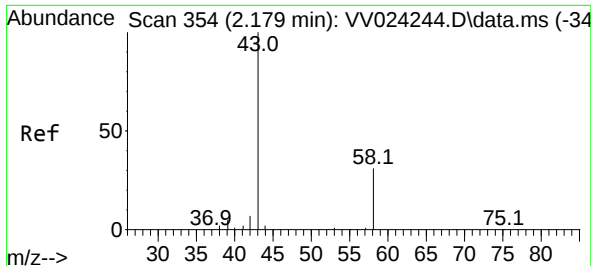
Tgt Ion:101 Resp: 14741
 Ion Ratio Lower Upper
 101 100
 85 41.8 35.3 52.9
 151 79.6 67.1 100.7



#12
 1,1-Dichloroethene
 Concen: 9.941 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

Tgt Ion: 96 Resp: 14287
 Ion Ratio Lower Upper
 96 100
 61 169.8 111.9 207.9
 63 132.5 82.7 153.5





#13

Acetone

Concen: 21.172 ug/L

RT: 2.179 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

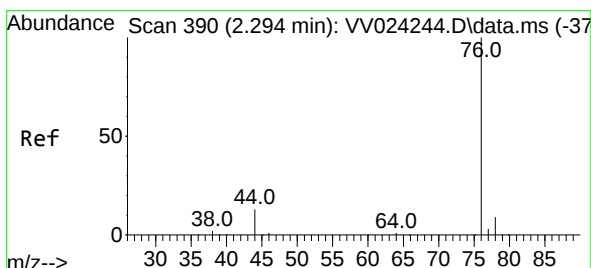
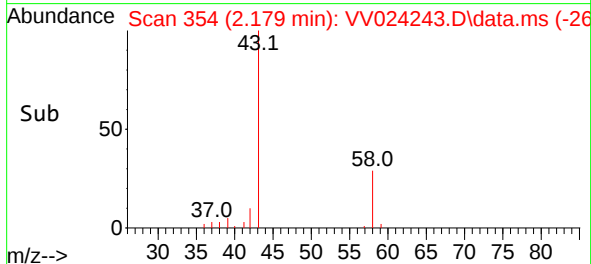
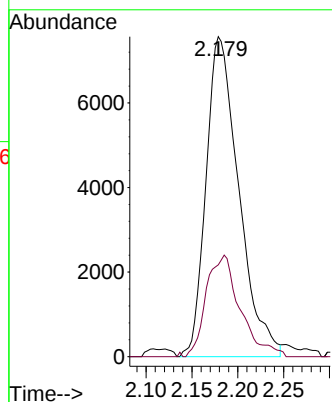
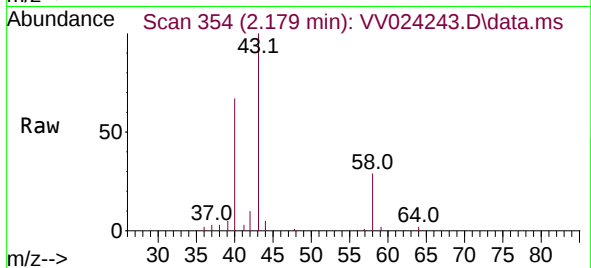
ClientSampleId :

Tgt Ion: 43 Resp: 18790

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.0



#14

Carbon disulfide

Concen: 9.810 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024243.D

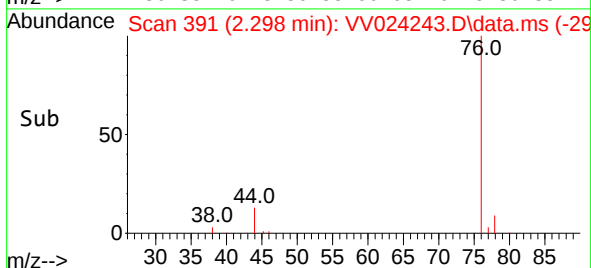
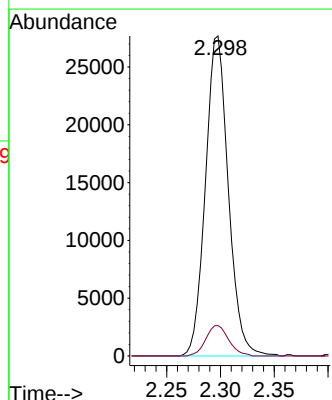
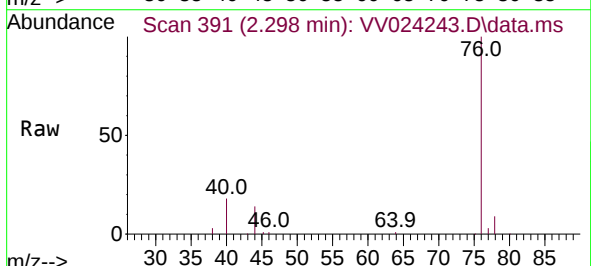
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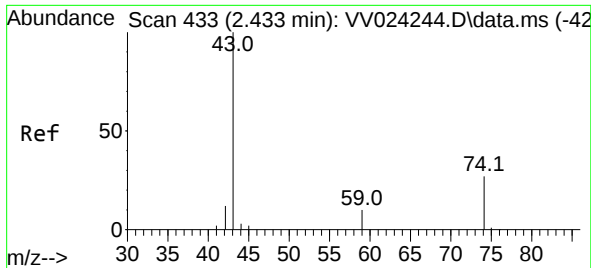
Tgt Ion: 76 Resp: 40933

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8





#15

Methyl Acetate

Concen: 9.976 ug/L

RT: 2.436 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

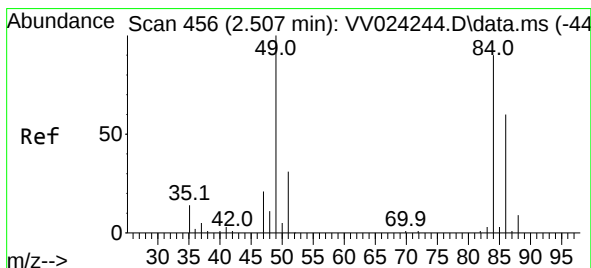
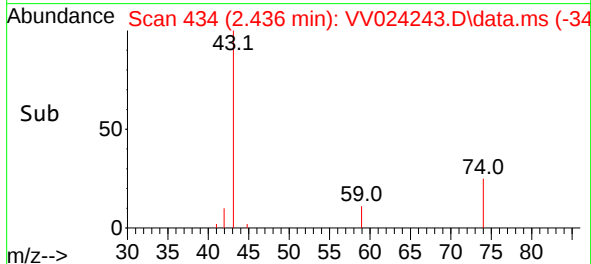
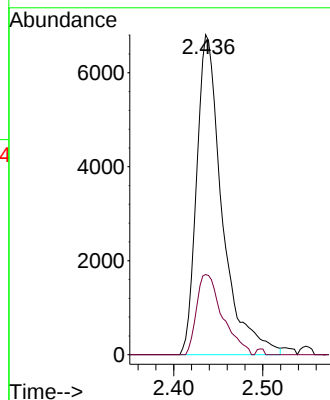
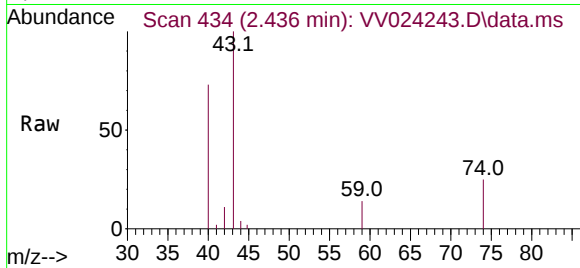
ClientSampleId :

Tgt Ion: 43 Resp: 13552

Ion Ratio Lower Upper

43 100

74 25.4 21.8 32.8



#16

Methylene chloride

Concen: 9.512 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

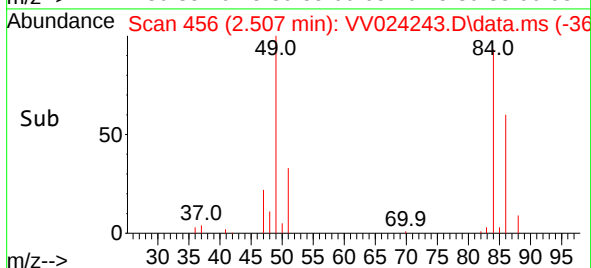
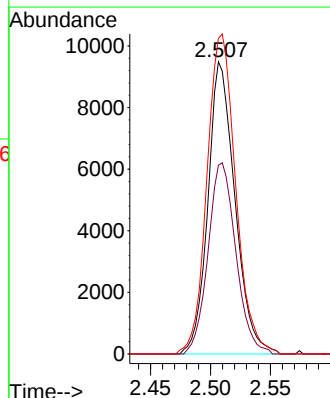
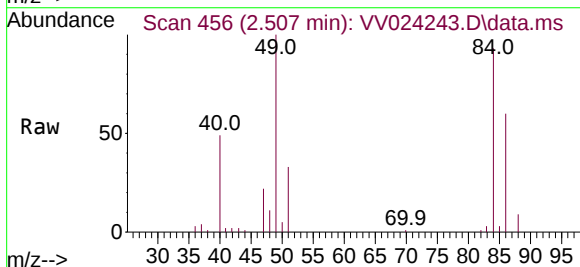
Tgt Ion: 84 Resp: 14887

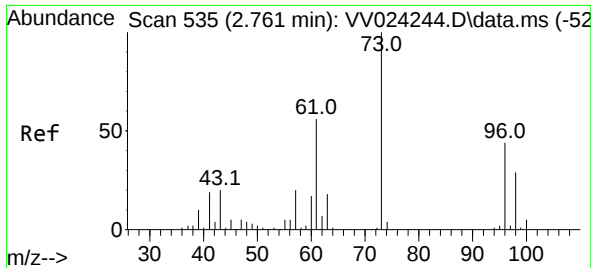
Ion Ratio Lower Upper

84 100

86 64.6 46.8 86.8

49 108.1 78.3 145.3

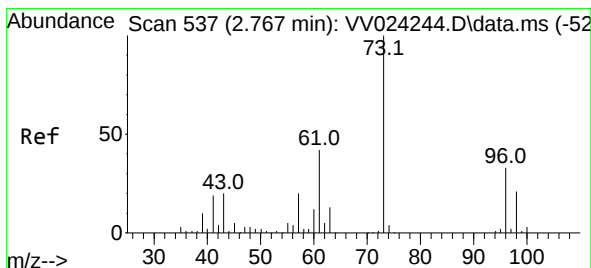
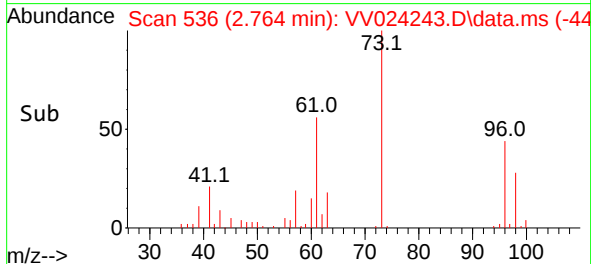
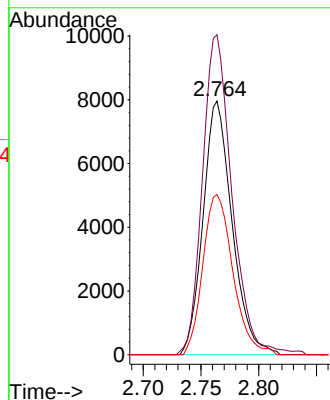
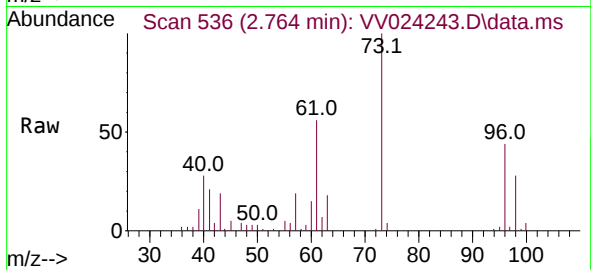




#17
trans-1,2-Dichloroethene
Concen: 9.415 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

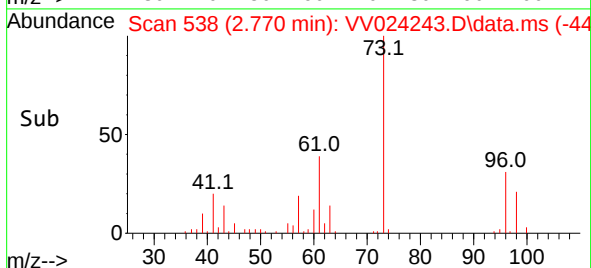
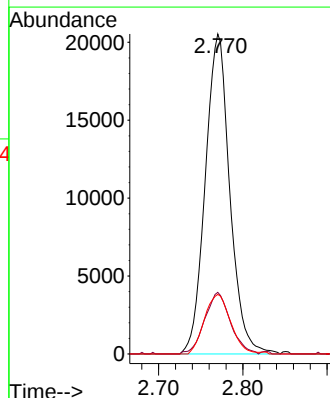
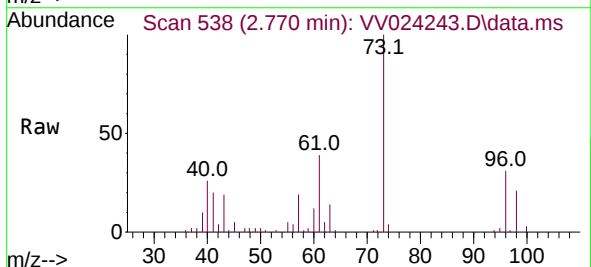
Instrument :
MSVOA_V
ClientSampleId :

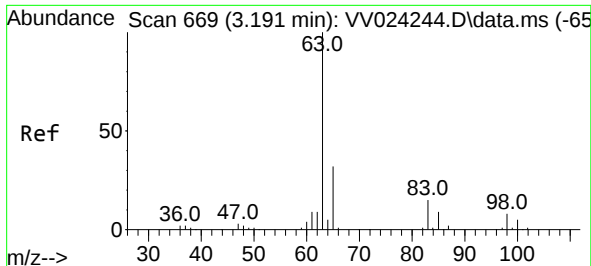
Tgt Ion: 96 Resp: 13943
Ion Ratio Lower Upper
96 100
61 126.2 88.1 163.7
98 63.1 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 9.117 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion: 73 Resp: 41610
Ion Ratio Lower Upper
73 100
43 20.1 16.2 24.2
57 19.8 15.9 23.9





#19

1,1-Dichloroethane

Concen: 9.681 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

ClientSampleId :

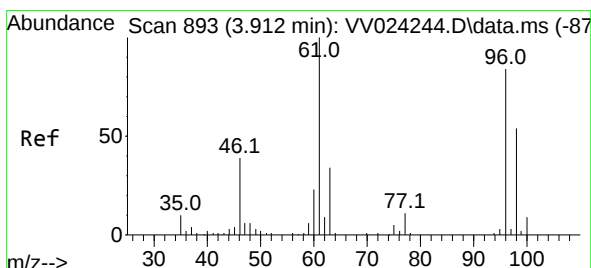
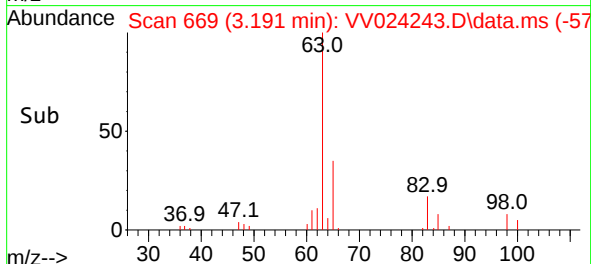
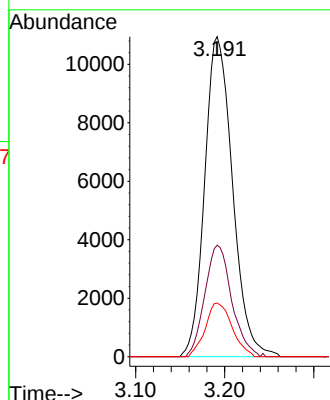
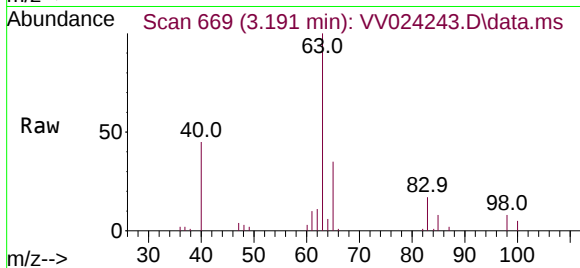
Tgt Ion: 63 Resp: 23778

Ion Ratio Lower Upper

63 100

65 34.8 22.4 41.6

83 16.7 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 9.439 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

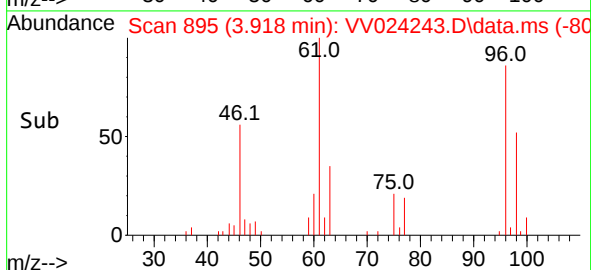
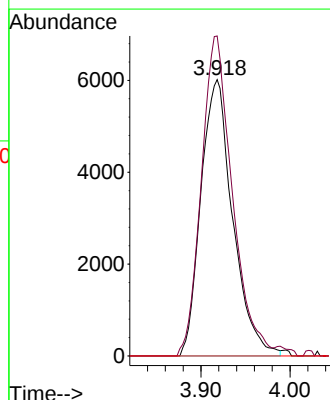
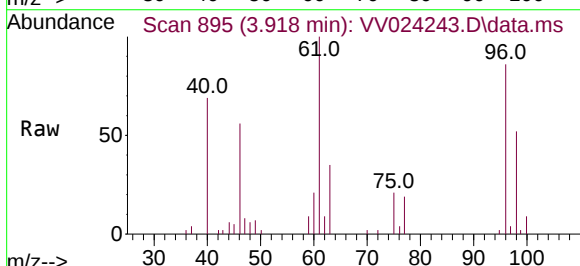
Tgt Ion: 96 Resp: 14928

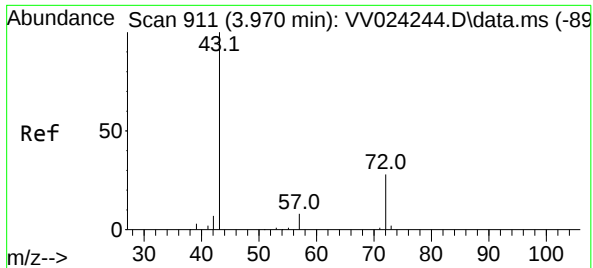
Ion Ratio Lower Upper

96 100

61 115.8 82.9 153.9

68 0.0 0.0 0.0

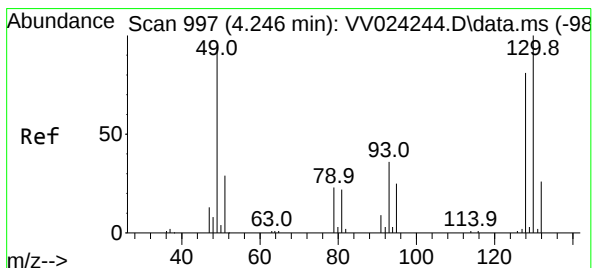
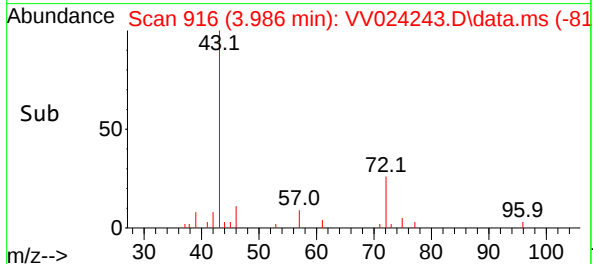
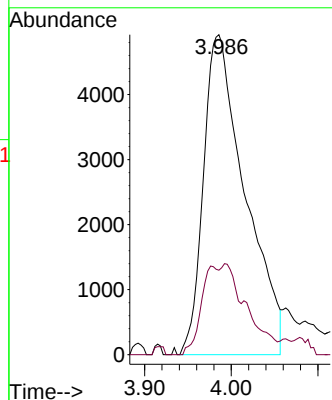
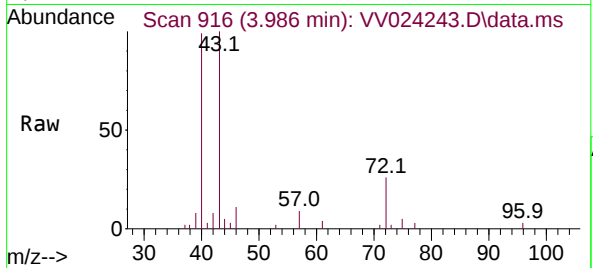




#22
2-Butanone
Concen: 16.547 ug/L
RT: 3.986 min Scan# 911
Delta R.T. 0.016 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

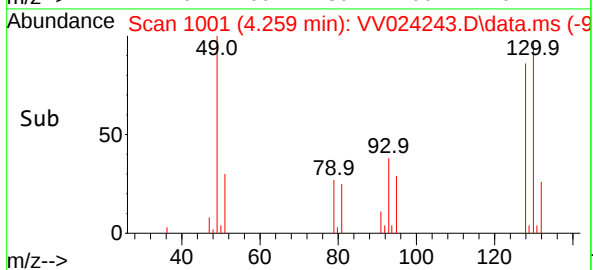
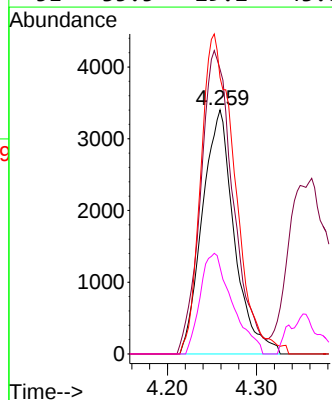
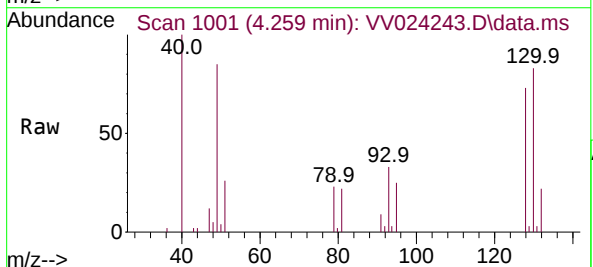
Instrument :
MSVOA_V
ClientSampleId :

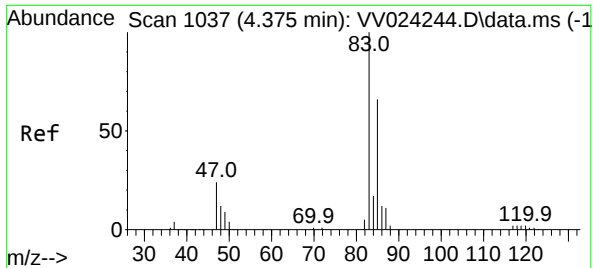
Tgt Ion: 43 Resp: 16406
Ion Ratio Lower Upper
43 100
72 12.0 14.9 44.9#



#23
Bromochloromethane
Concen: 9.287 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. 0.013 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion:128 Resp: 8463
Ion Ratio Lower Upper
128 100
49 116.7 83.1 154.3
130 113.3 87.0 161.6
51 35.5 29.2 43.8

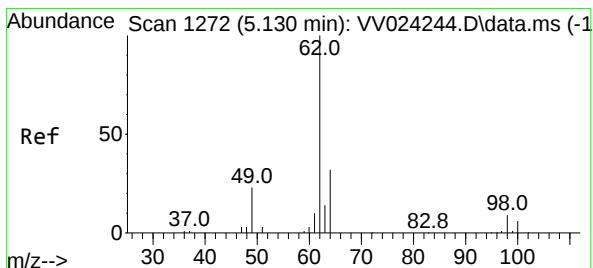
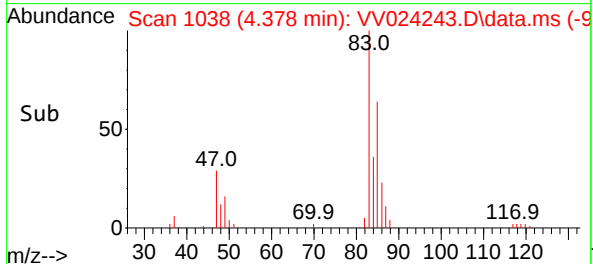
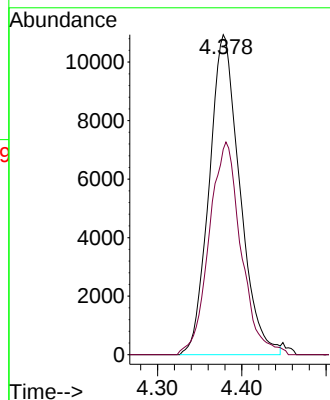
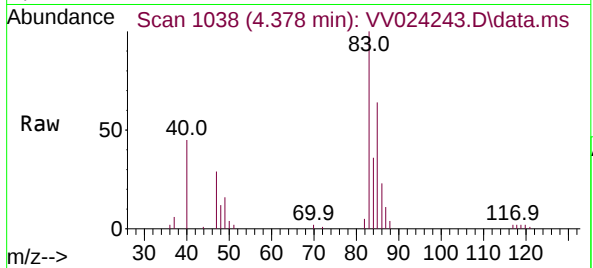




#25
Chloroform
Concen: 9.606 ug/L
RT: 4.378 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

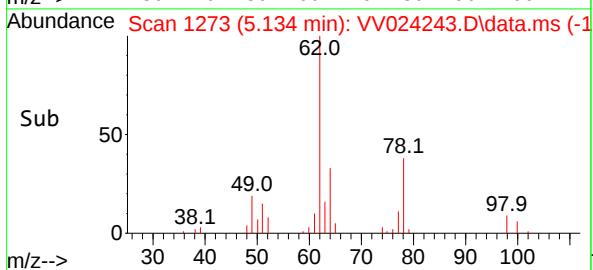
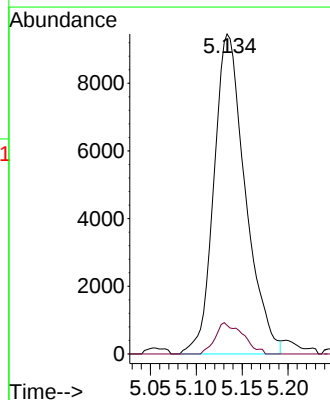
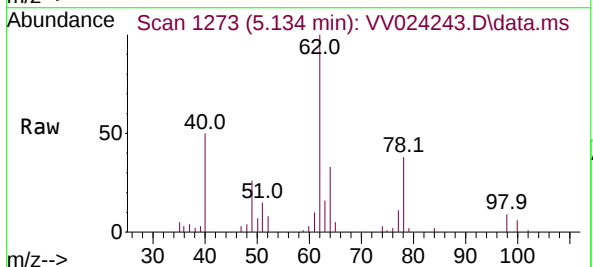
Instrument :
MSVOA_V
ClientSampleId :

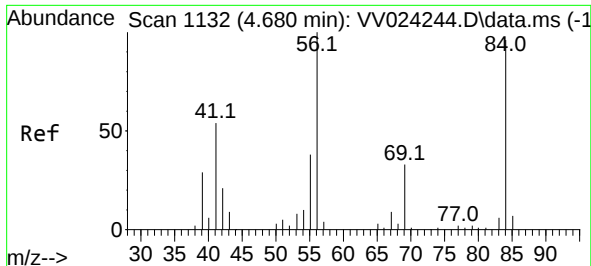
Tgt Ion: 83 Resp: 27588
Ion Ratio Lower Upper
83 100
85 64.2 46.3 85.9



#27
1,2-Dichloroethane
Concen: 9.632 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion: 62 Resp: 22500
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 9.171 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

ClientSampleId :

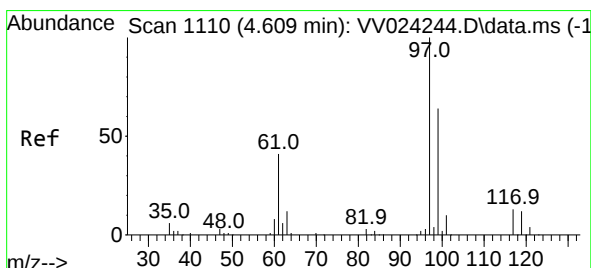
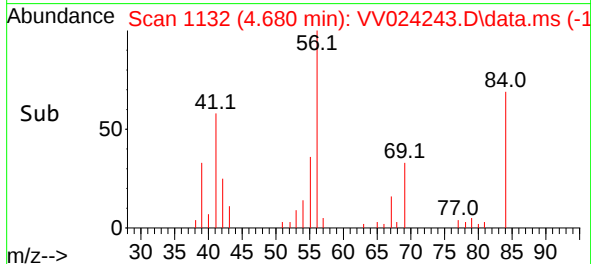
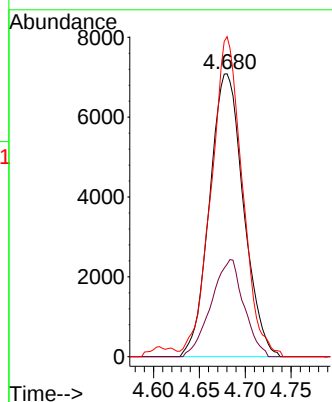
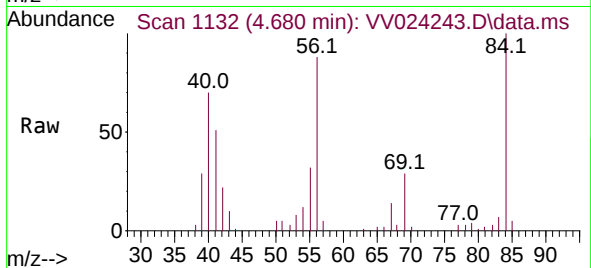
Tgt Ion: 56 Resp: 18261

Ion Ratio Lower Upper

56 100

69 32.9 25.8 38.6

84 99.0 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 9.690 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

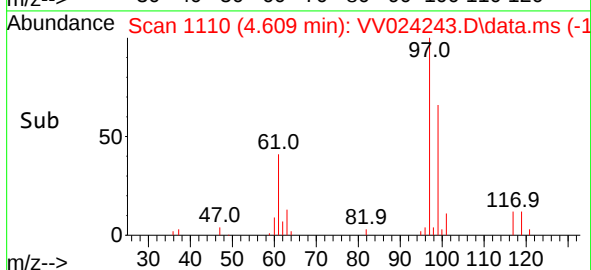
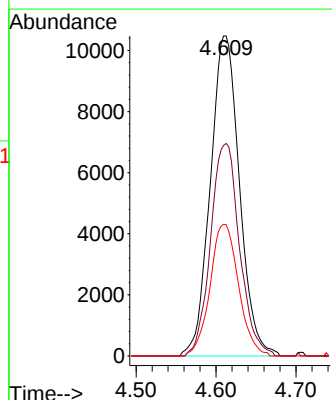
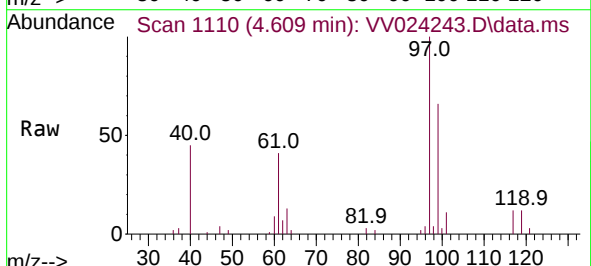
Tgt Ion: 97 Resp: 26557

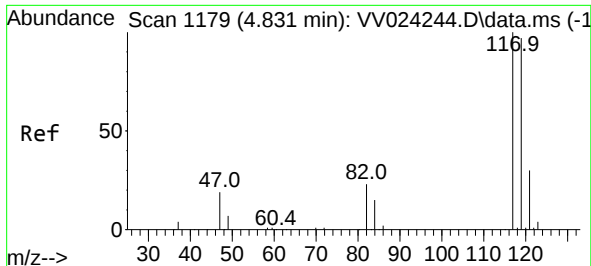
Ion Ratio Lower Upper

97 100

99 65.9 51.2 76.8

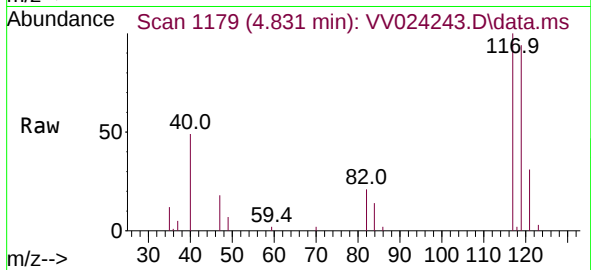
61 40.2 33.2 49.8



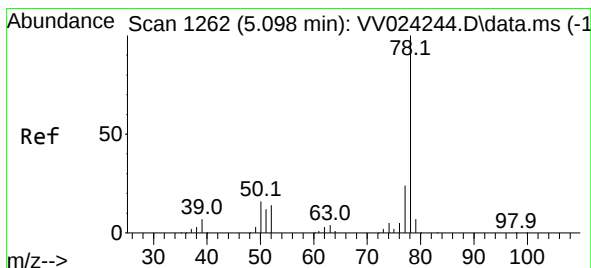
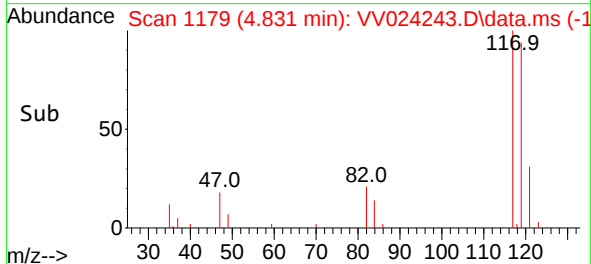
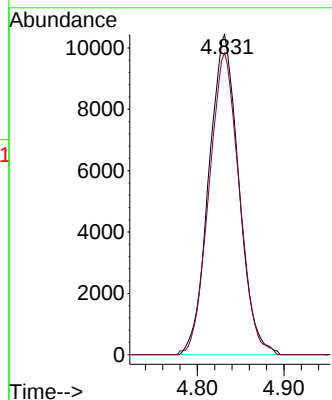


#31
Carbon tetrachloride
Concen: 9.844 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Instrument :
MSVOA_V
ClientSampleId :

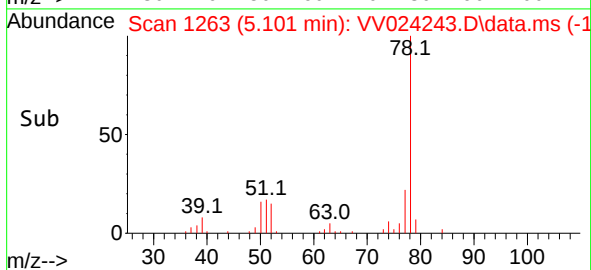
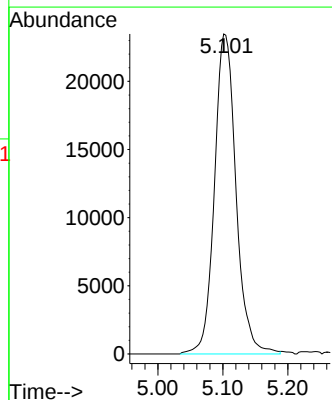
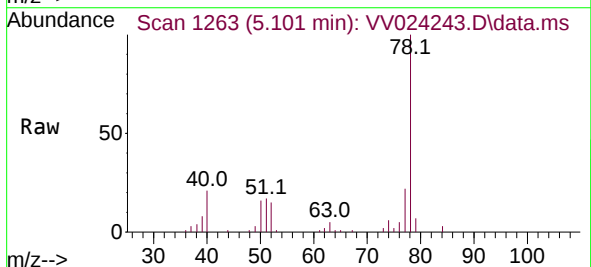


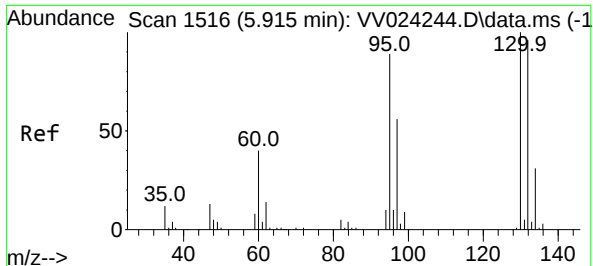
Tgt Ion: 117 Resp: 25030
Ion Ratio Lower Upper
117 100
119 94.9 76.9 115.3



#33
Benzene
Concen: 9.551 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion: 78 Resp: 54097

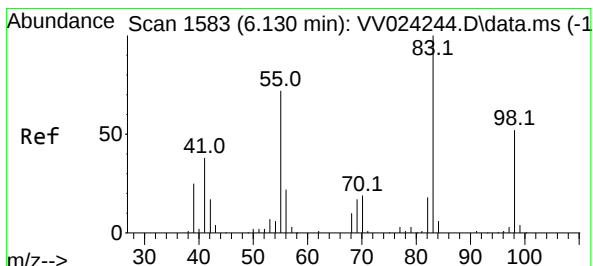
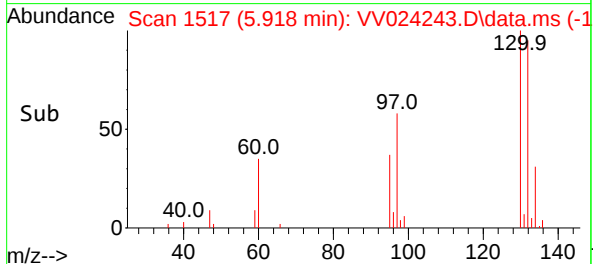
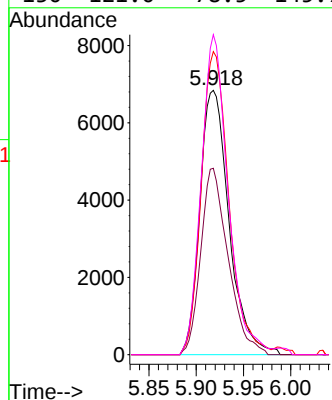
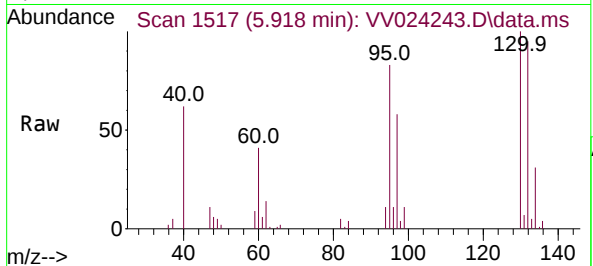




#34
Trichloroethene
Concen: 9.406 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

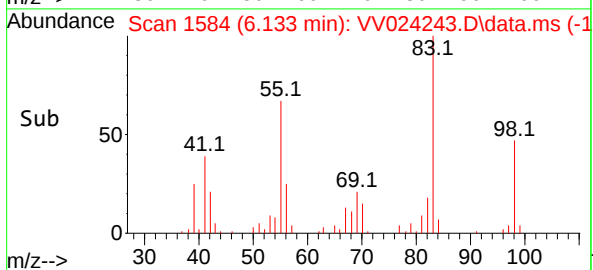
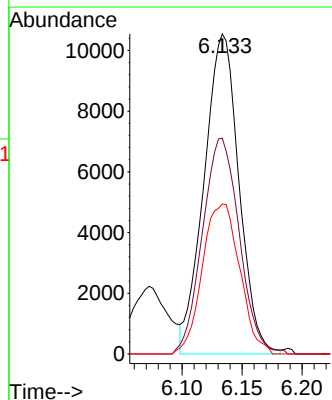
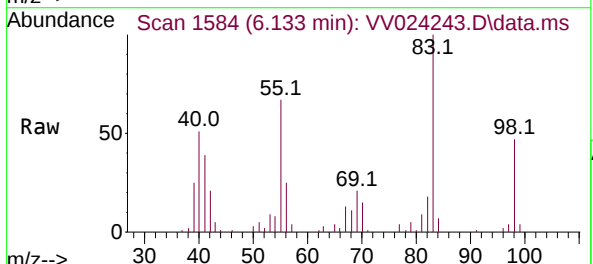
Instrument :
MSVOA_V
ClientSampleId :

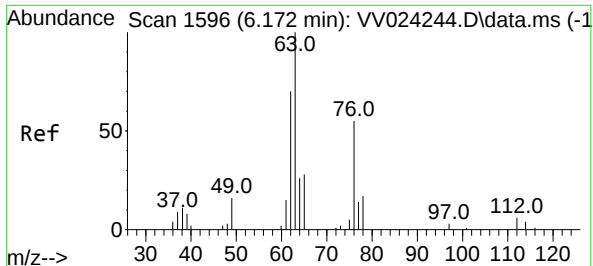
Tgt Ion: 95 Resp: 14691
Ion Ratio Lower Upper
95 100
97 70.5 44.1 81.9
132 114.6 75.1 139.5
130 121.0 78.5 145.7



#35
Methylcyclohexane
Concen: 9.222 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion: 83 Resp: 21360
Ion Ratio Lower Upper
83 100
55 71.0 55.6 83.4
98 50.2 41.3 61.9





#37

1,2-Dichloropropane

Concen: 9.947 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

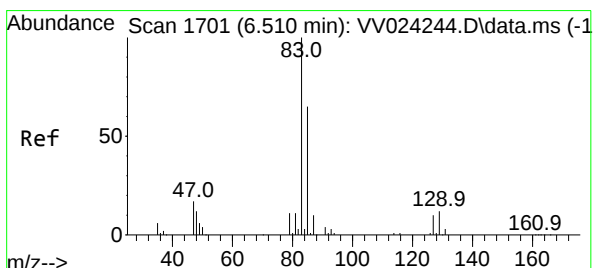
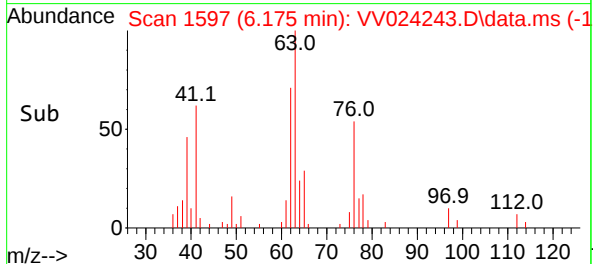
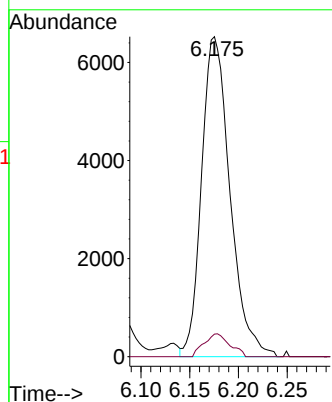
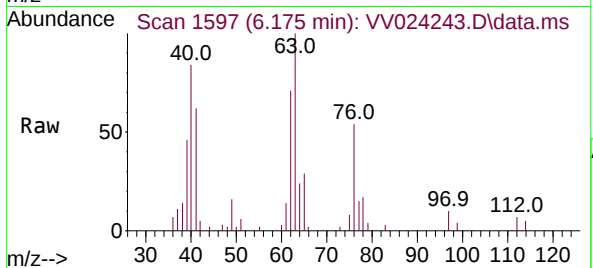
ClientSampleId :

Tgt Ion: 63 Resp: 13251

Ion Ratio Lower Upper

63 100

112 6.4 4.7 7.1



#38

Bromodichloromethane

Concen: 9.620 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

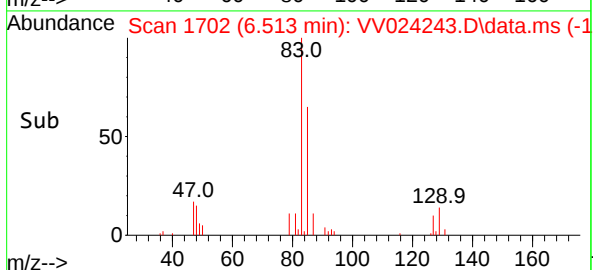
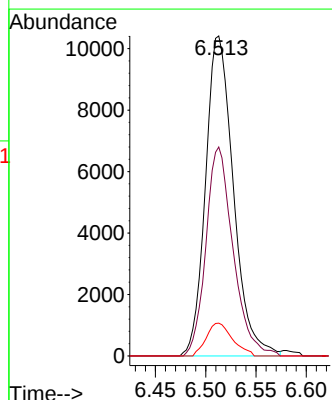
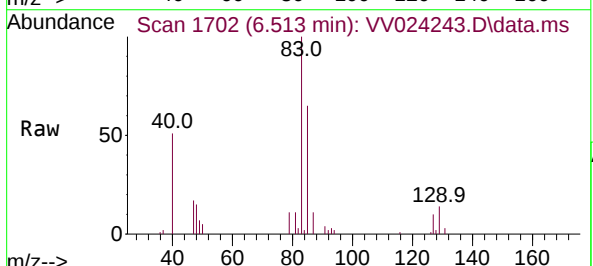
Tgt Ion: 83 Resp: 20110

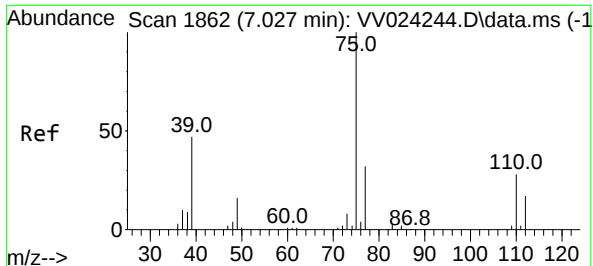
Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0

127 10.2 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 8.565 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.003 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

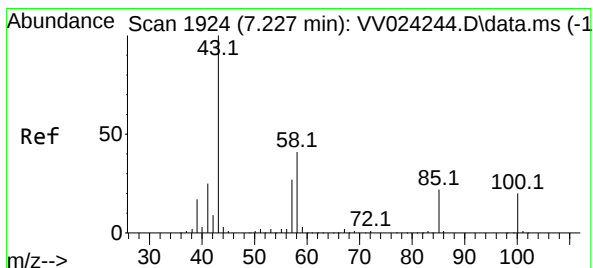
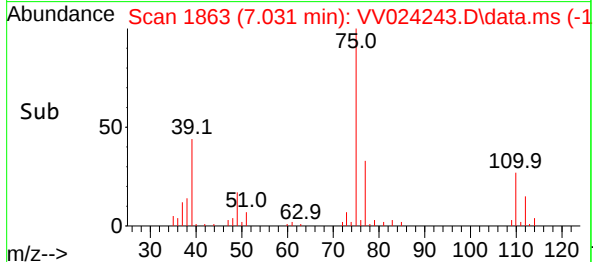
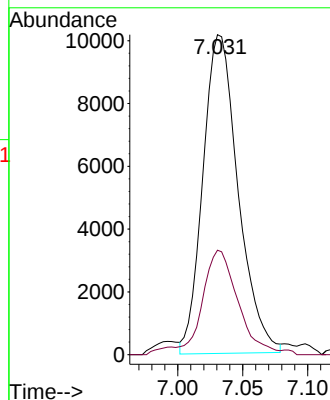
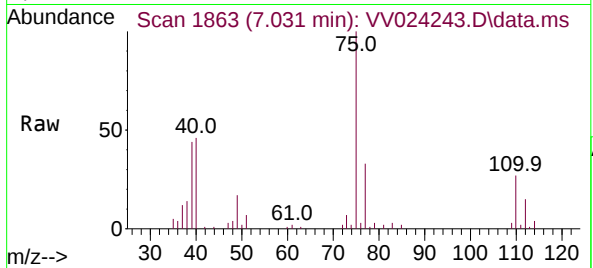
ClientSampleId :

Tgt Ion: 75 Resp: 19179

Ion Ratio Lower Upper

75 100

77 32.6 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 17.432 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

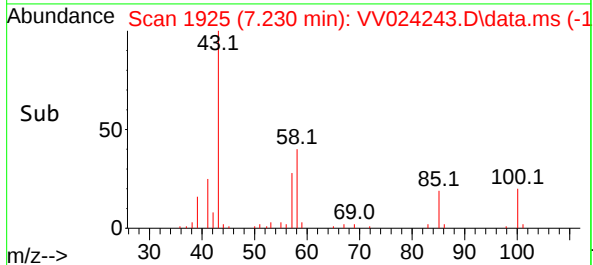
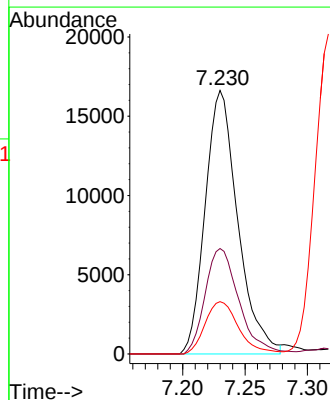
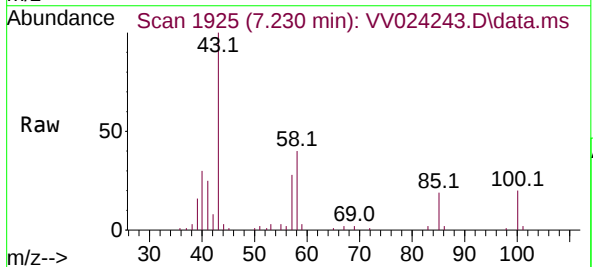
Tgt Ion: 43 Resp: 30281

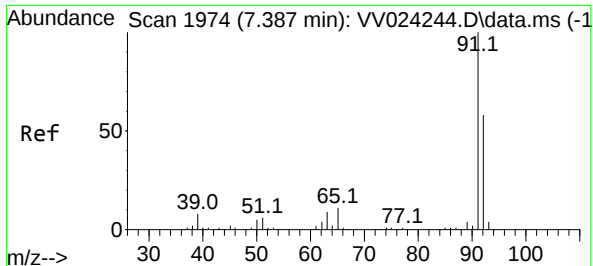
Ion Ratio Lower Upper

43 100

58 41.5 33.0 49.4

100 20.4 16.0 24.0





#42

Toluene

Concen: 9.268 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

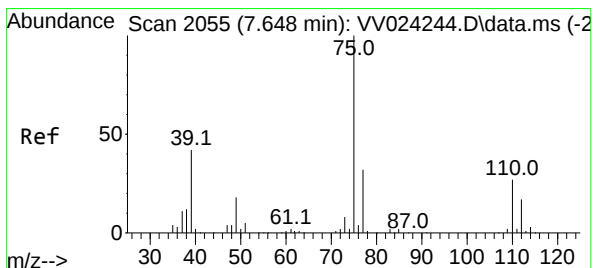
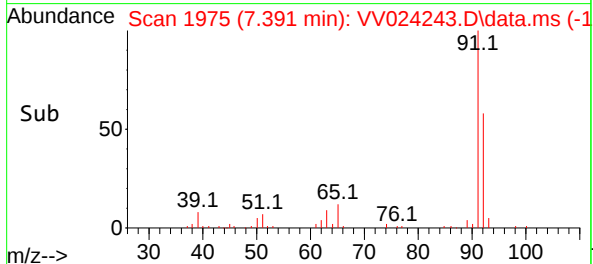
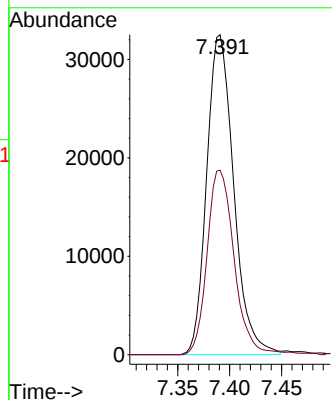
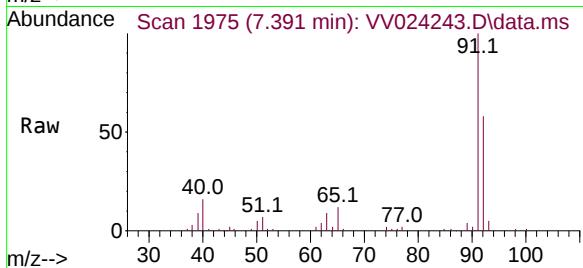
ClientSampleId :

Tgt Ion: 91 Resp: 58926

Ion Ratio Lower Upper

91 100

92 57.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 8.952 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV024243.D

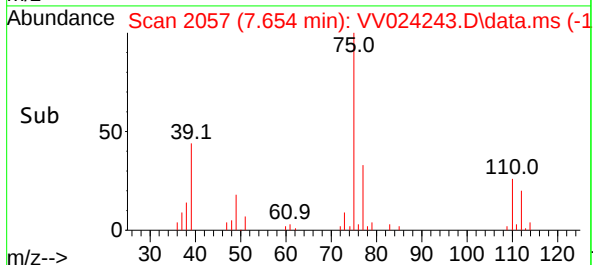
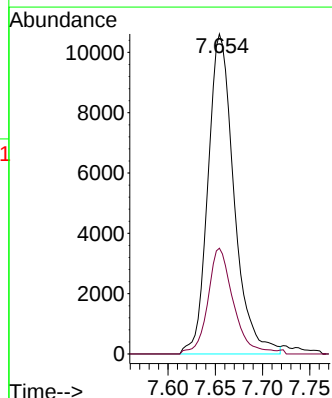
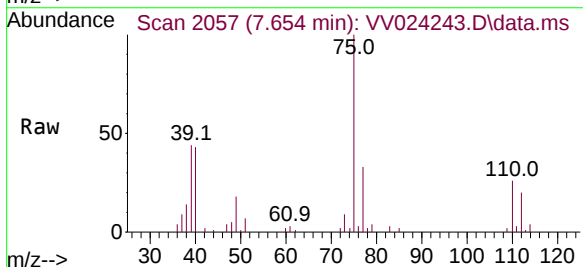
Acq: 30 Dec 2021 19:30

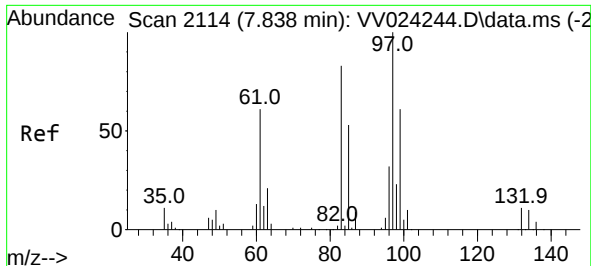
Tgt Ion: 75 Resp: 20336

Ion Ratio Lower Upper

75 100

77 33.1 22.7 42.1

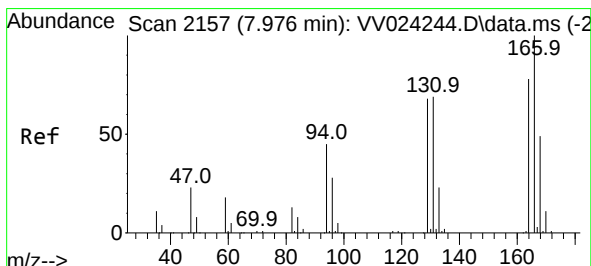
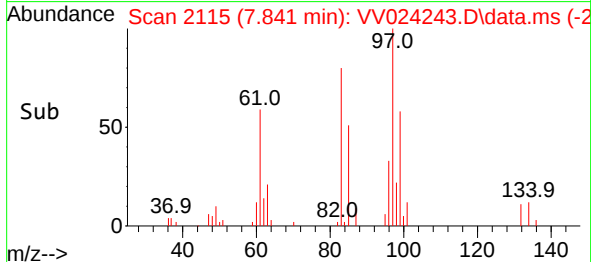
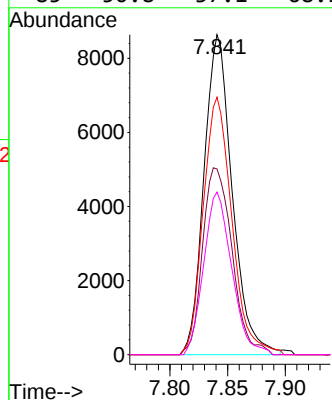
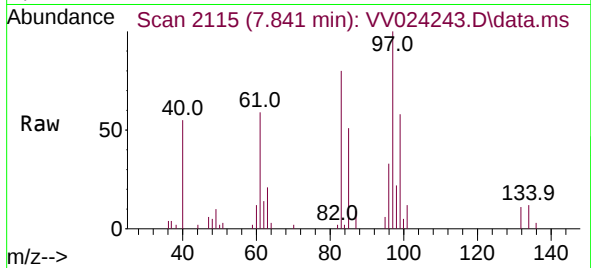




#45
1,1,2-Trichloroethane
Concen: 9.838 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

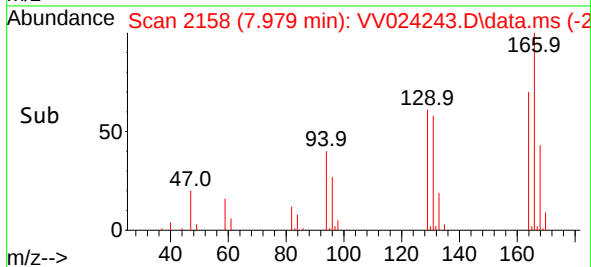
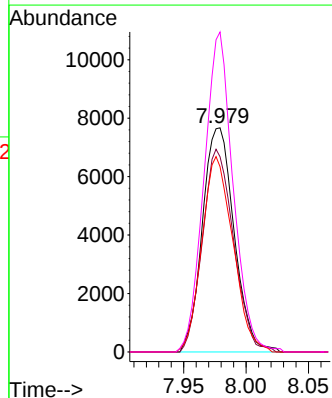
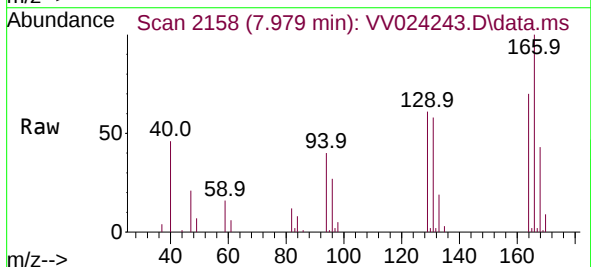
Instrument :
MSVOA_V
ClientSampleId :

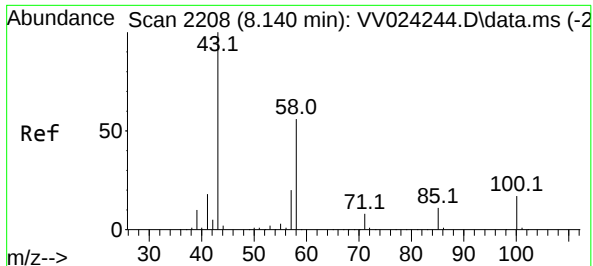
Tgt Ion: 97	Resp: 14692
Ion Ratio	Lower Upper
97 100	
99 58.1	42.4 78.8
83 80.4	57.9 107.5
85 50.8	37.1 68.9



#46
Tetrachloroethene
Concen: 9.568 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt	Ion:164	Resp:	13602
Ion	Ratio	Lower	Upper
164	100		
129	87.1	61.5	114.1
131	82.6	62.2	115.4
166	142.7	89.9	166.9

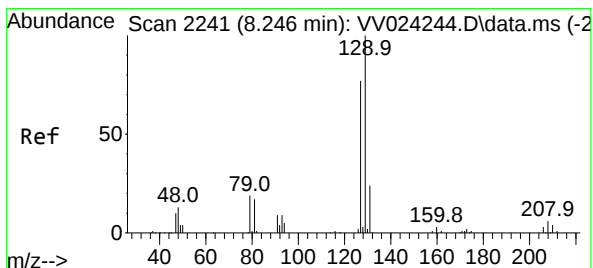
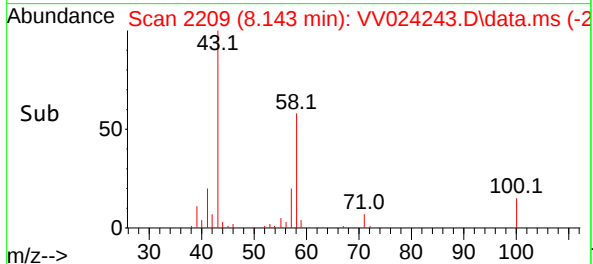
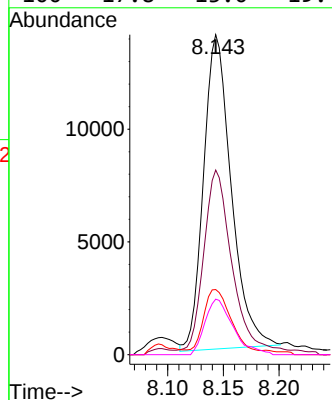
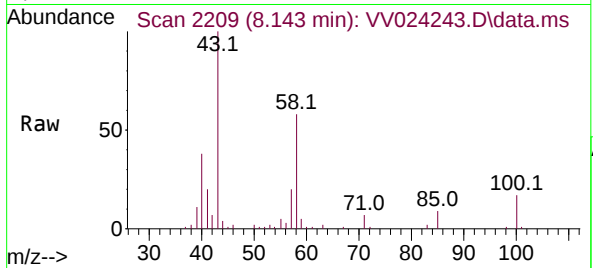




#48
2-Hexanone
Concen: 17.309 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

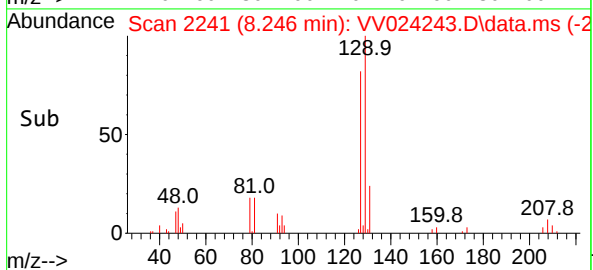
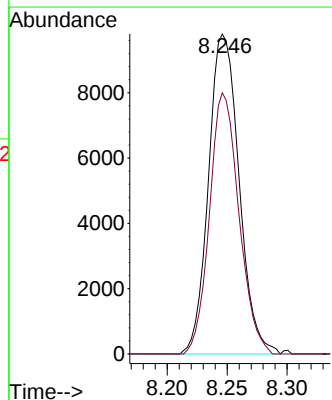
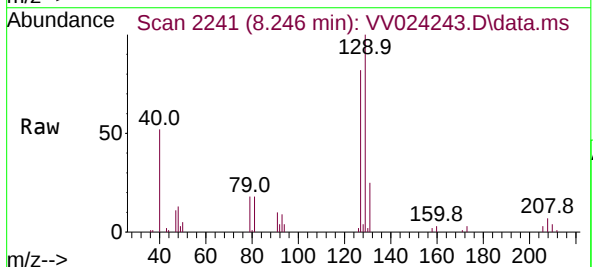
Instrument :
MSVOA_V
ClientSampleId :

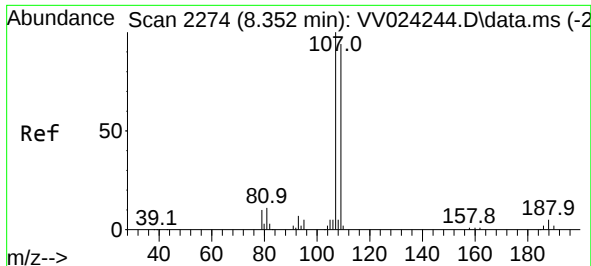
Tgt Ion: 43 Resp: 24150
Ion Ratio Lower Upper
43 100
58 58.2 45.0 67.4
57 19.0 16.9 25.3
100 17.8 13.0 19.4



#49
Dibromochloromethane
Concen: 9.260 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion: 129 Resp: 17334
Ion Ratio Lower Upper
129 100
127 81.6 53.7 99.7





#50

1,2-Dibromoethane

Concen: 9.535 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024243.D

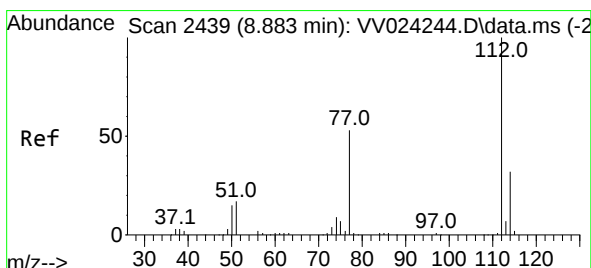
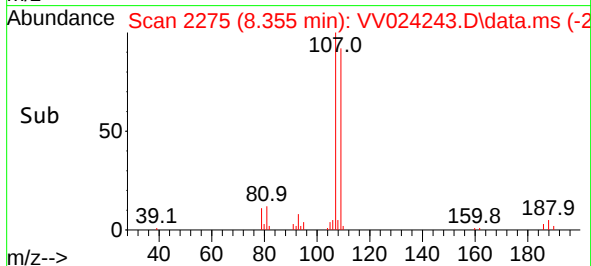
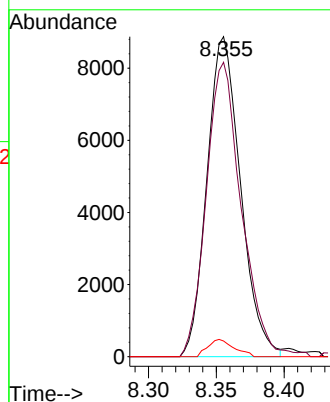
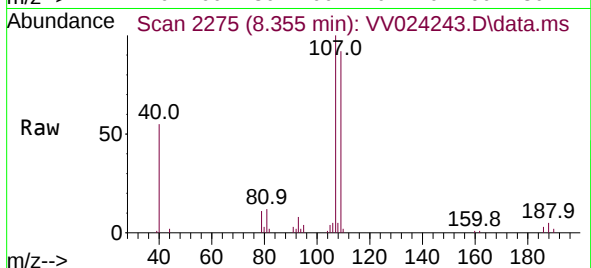
Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	15295
Ion	Ratio	Lower	Upper
107	100		
109	92.0	65.8	122.2
188	4.9	3.8	5.6



#51

Chlorobenzene

Concen: 9.732 ug/L

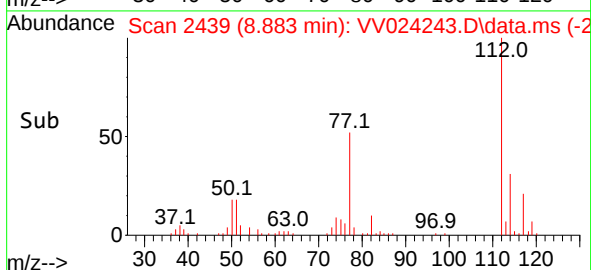
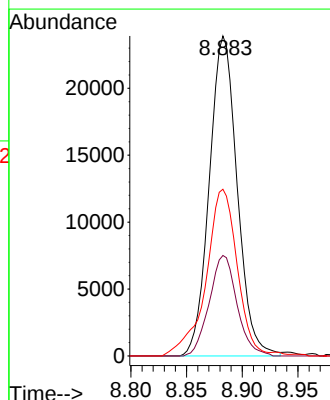
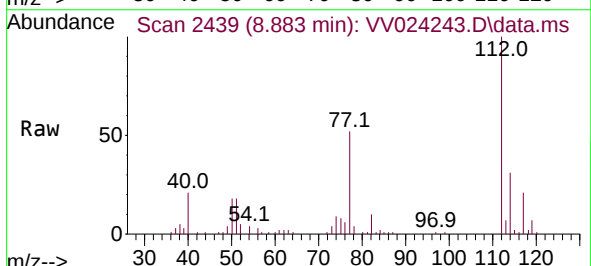
RT: 8.883 min Scan# 2439

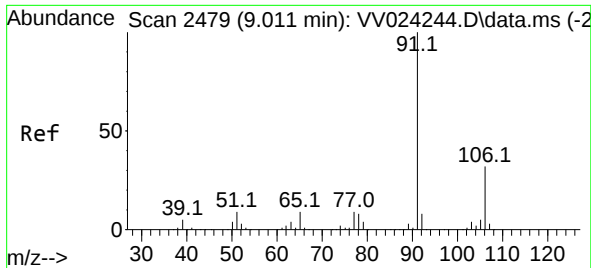
Delta R.T. 0.000 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Tgt Ion:	112	Resp:	41675
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.3	41.5
77	52.1	42.8	64.2





#52

Ethylbenzene

Concen: 9.120 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

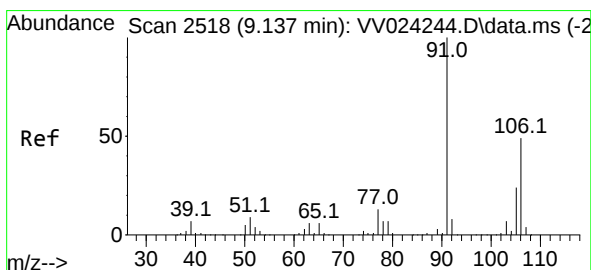
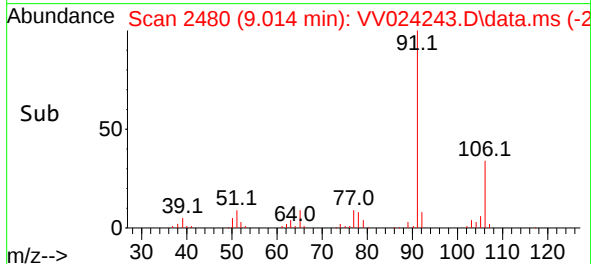
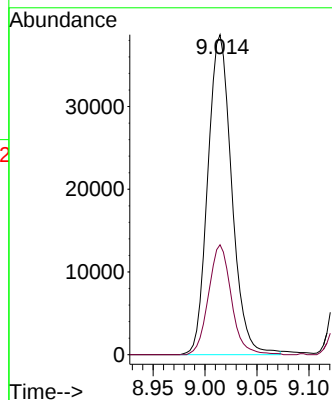
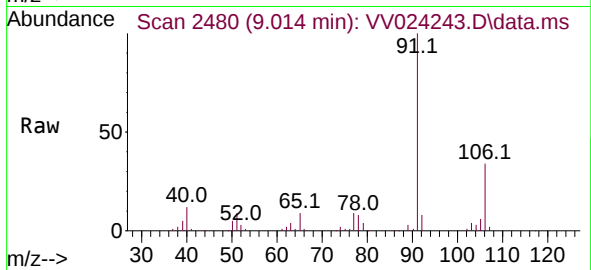
ClientSampleId :

Tgt Ion: 91 Resp: 61945

Ion Ratio Lower Upper

91 100

106 34.4 22.0 41.0



#53

m,p-Xylene

Concen: 8.930 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV024243.D

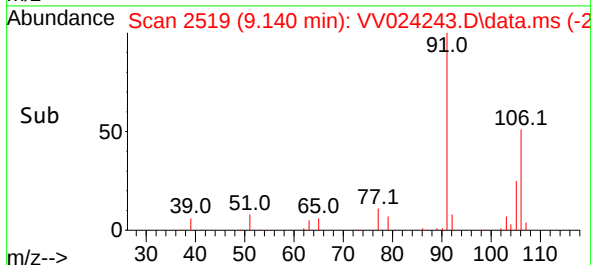
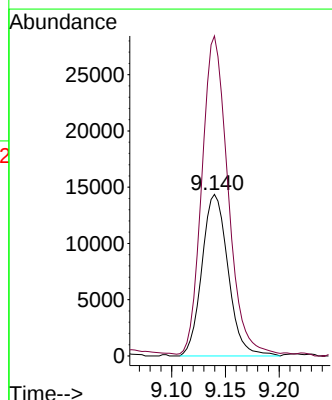
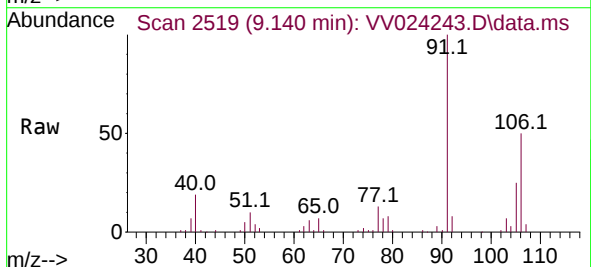
Acq: 30 Dec 2021 19:30

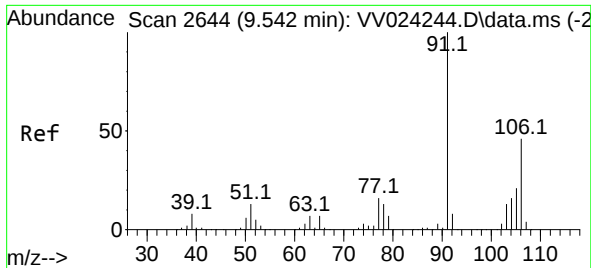
Tgt Ion: 106 Resp: 24313

Ion Ratio Lower Upper

106 100

91 198.1 141.8 263.4

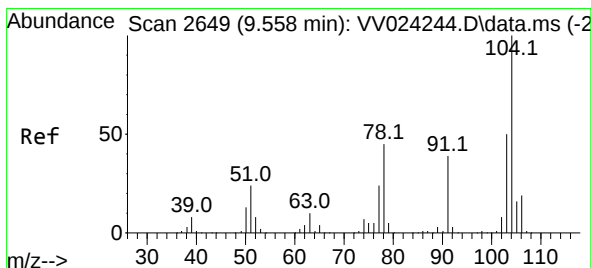
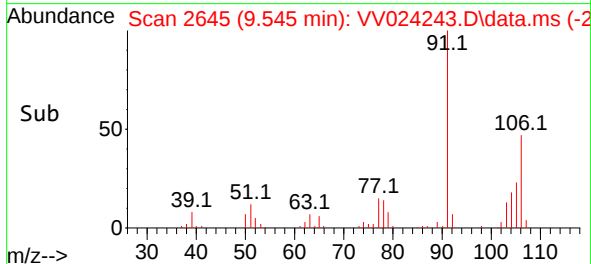
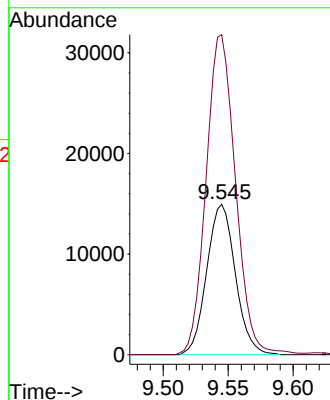
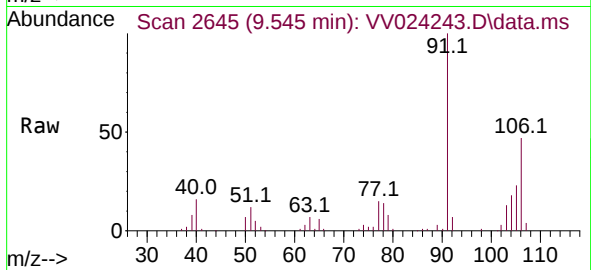




#54
o-Xylene
Concen: 8.815 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

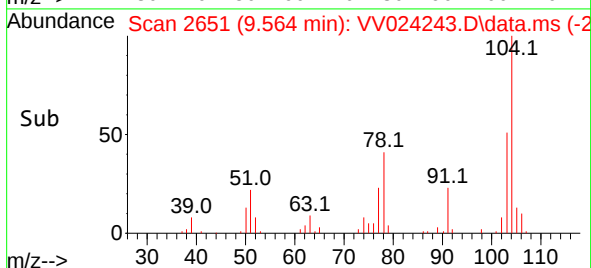
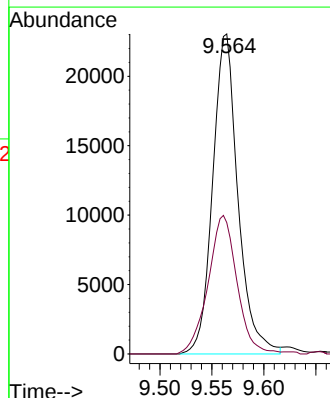
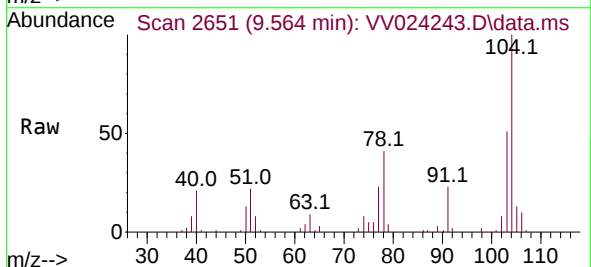
Instrument :
MSVOA_V
ClientSampleId :

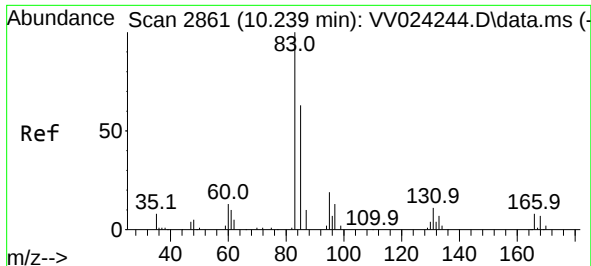
Tgt Ion:106 Resp: 22910
Ion Ratio Lower Upper
106 100
91 212.7 150.9 280.3



#55
Styrene
Concen: 8.651 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion:104 Resp: 39044
Ion Ratio Lower Upper
104 100
78 41.1 31.5 58.5

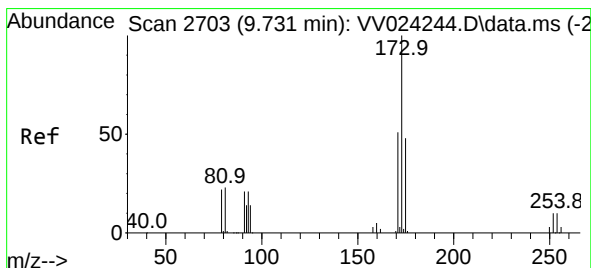
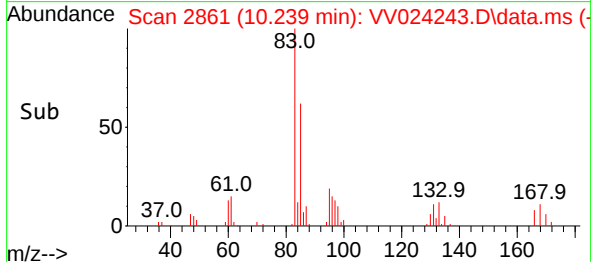
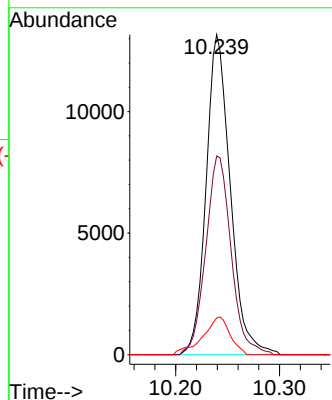
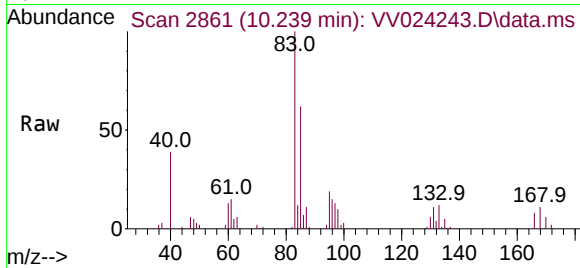




#57
 1,1,2,2-Tetrachloroethane
 Concen: 9.754 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

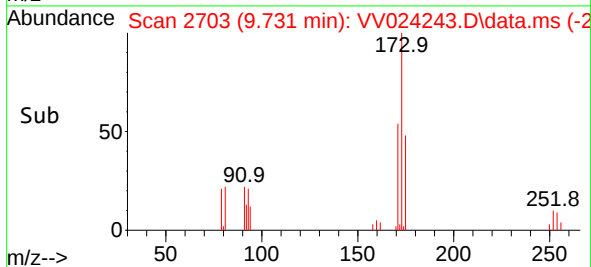
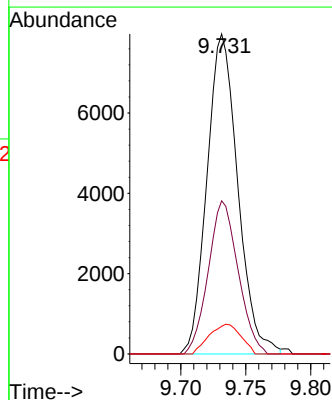
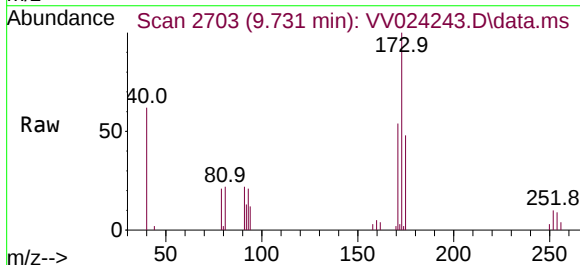
Instrument :
 MSVOA_V
 ClientSampleId :

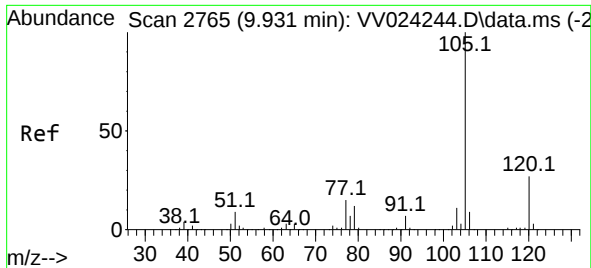
Tgt Ion: 83	Resp: 21271
Ion Ratio	Lower Upper
83 100	
85 62.1	44.5 82.7
131 11.4	9.2 13.8



#59
 Bromoform
 Concen: 9.683 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

Tgt Ion: 173	Resp: 13125
Ion Ratio	Lower Upper
173 100	
175 46.3	39.4 59.2
254 9.5	7.8 11.6

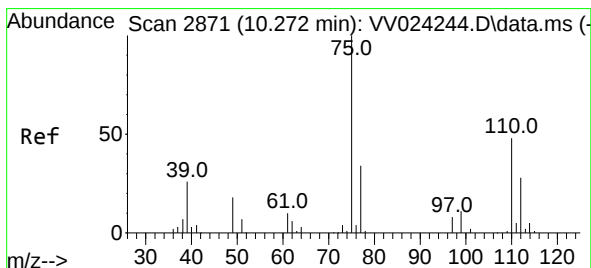
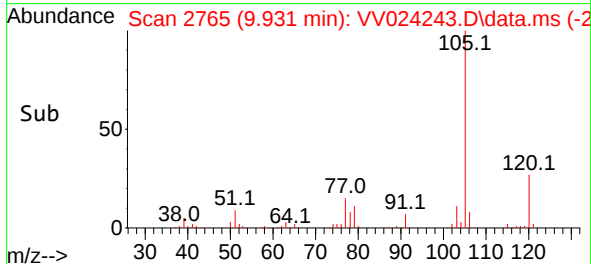
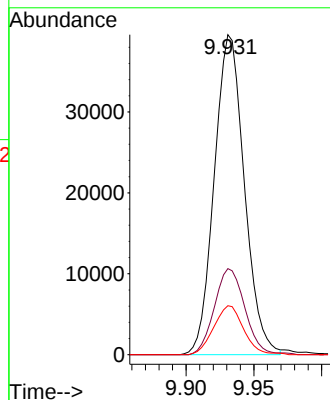
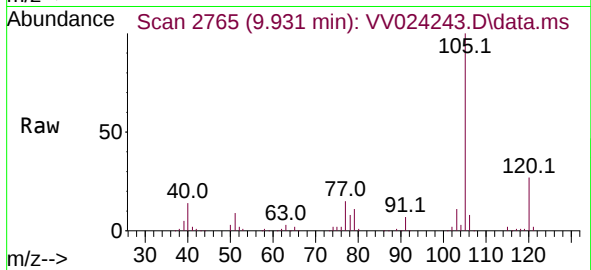




#60
Isopropylbenzene
Concen: 9.270 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

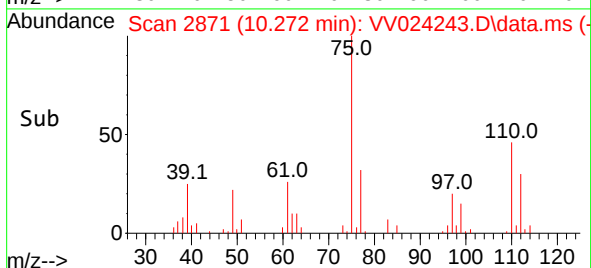
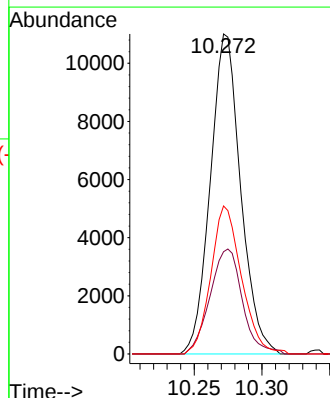
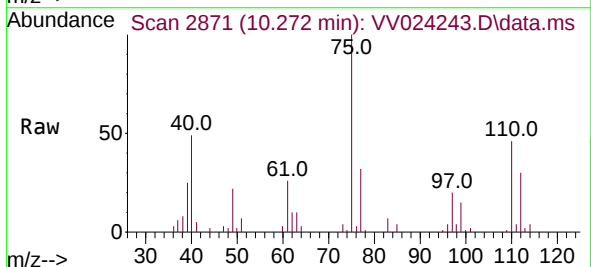
Instrument :
MSVOA_V
ClientSampleId :

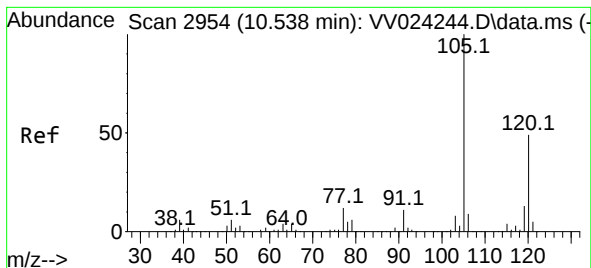
Tgt Ion:105 Resp: 60977
Ion Ratio Lower Upper
105 100
120 27.1 21.9 32.9
77 15.2 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 9.818 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion: 75 Resp: 17138
Ion Ratio Lower Upper
75 100
77 34.9 26.9 40.3
110 46.3 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 8.738 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

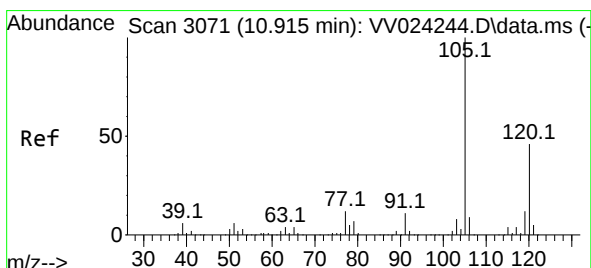
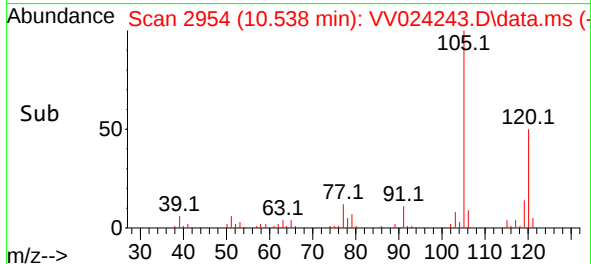
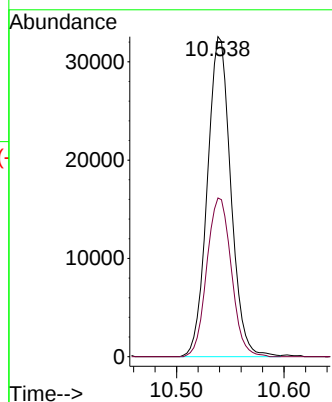
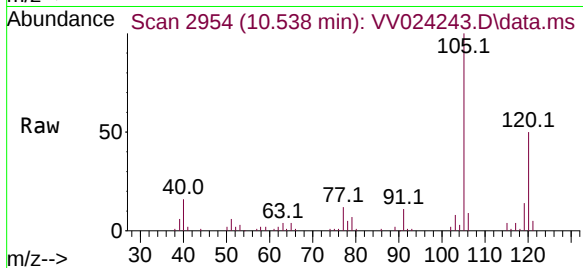
ClientSampleId :

Tgt Ion:105 Resp: 49443

Ion Ratio Lower Upper

105 100

120 51.7 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 8.708 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024243.D

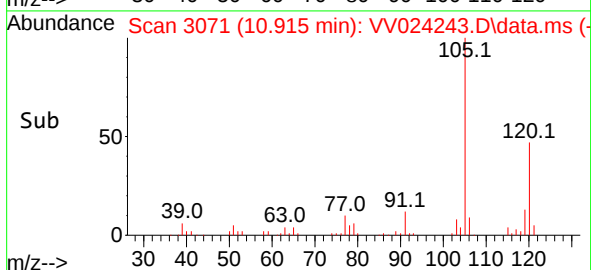
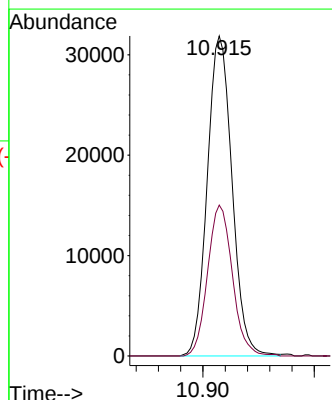
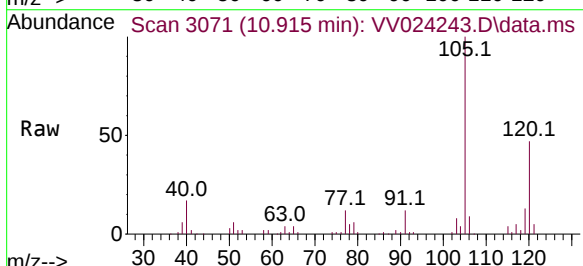
Acq: 30 Dec 2021 19:30

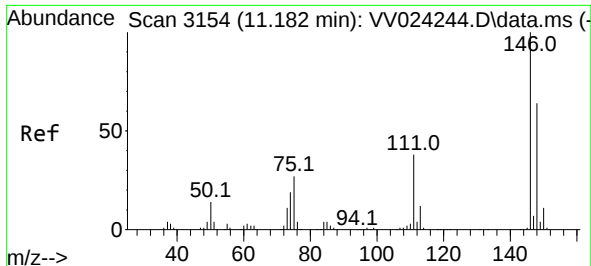
Tgt Ion:105 Resp: 49190

Ion Ratio Lower Upper

105 100

120 47.1 36.6 55.0

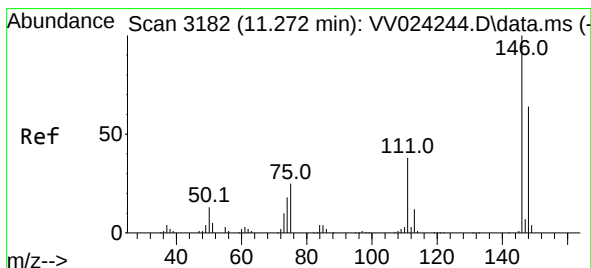
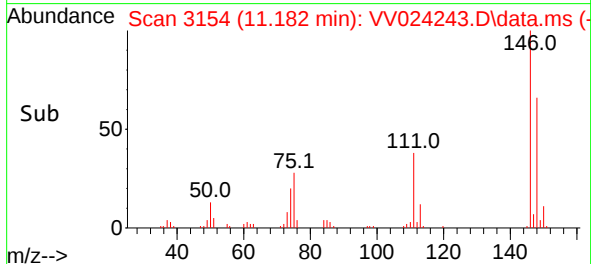
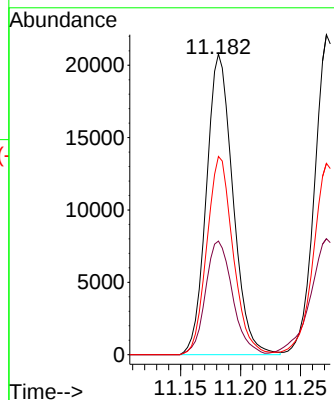
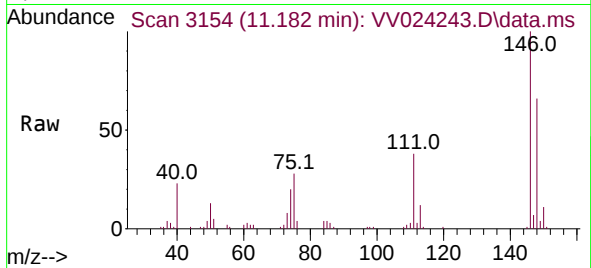




#64
 1,3-Dichlorobenzene
 Concen: 9.431 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

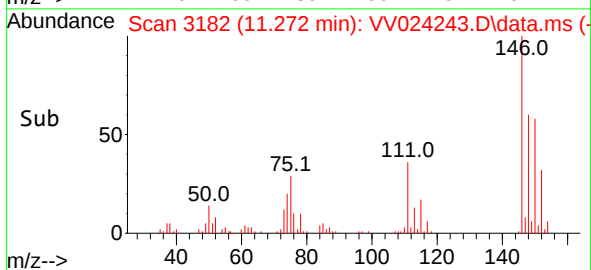
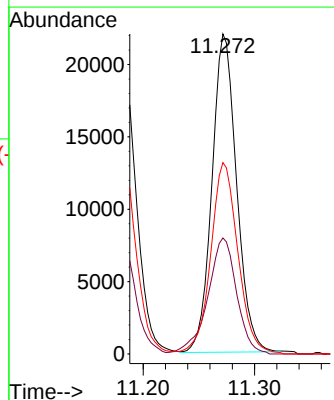
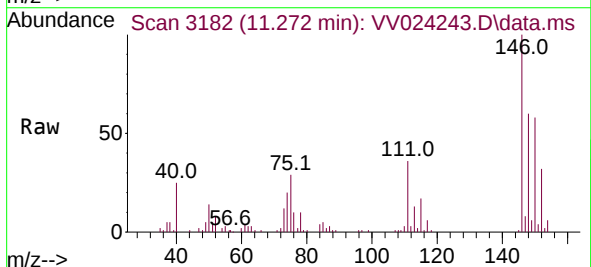
Instrument :
 MSVOA_V
 ClientSampleId :

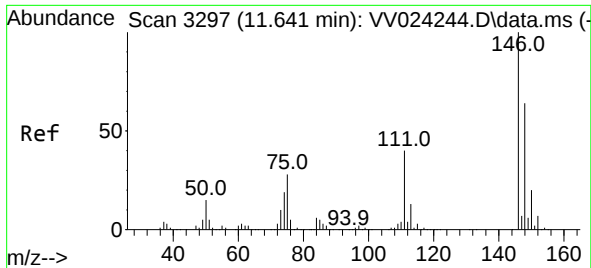
Tgt Ion:146 Resp: 31985
 Ion Ratio Lower Upper
 146 100
 111 37.8 26.5 49.3
 148 66.0 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 9.662 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV024243.D
 Acq: 30 Dec 2021 19:30

Tgt Ion:146 Resp: 33795
 Ion Ratio Lower Upper
 146 100
 111 36.2 26.5 49.3
 148 59.8 44.9 83.5

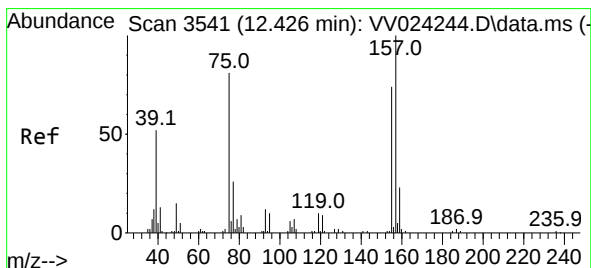
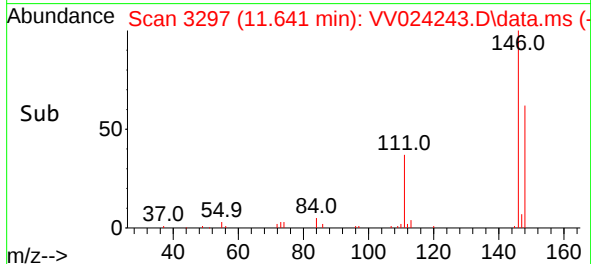
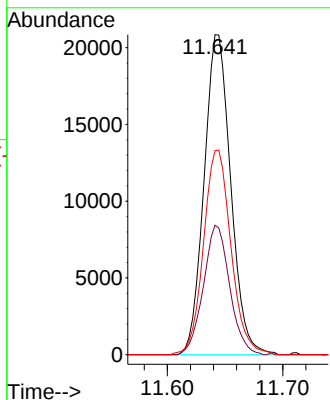
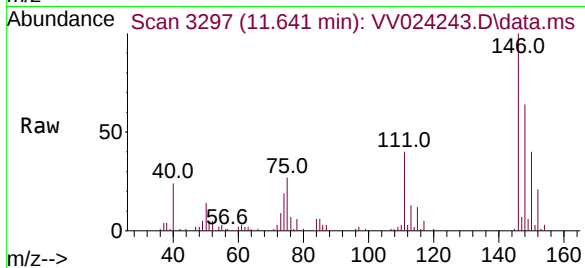




#67
1,2-Dichlorobenzene
Concen: 9.580 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

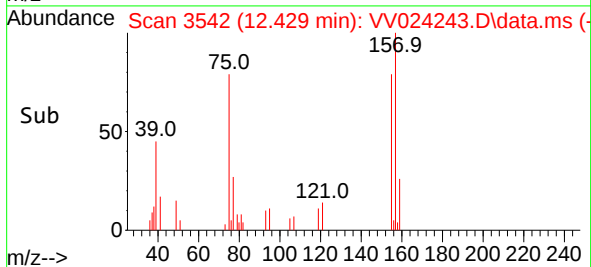
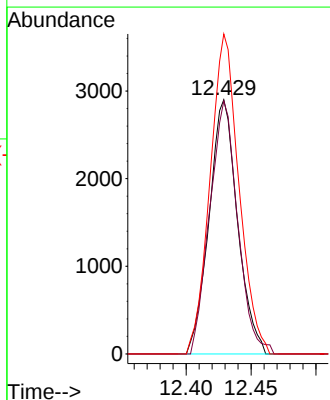
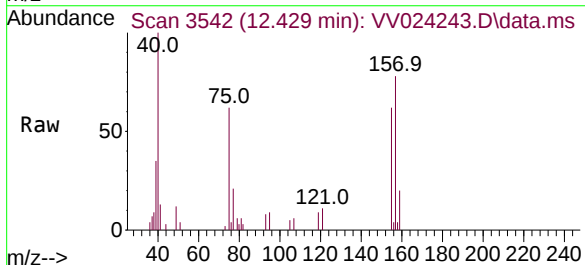
Instrument :
MSVOA_V
ClientSampleId :

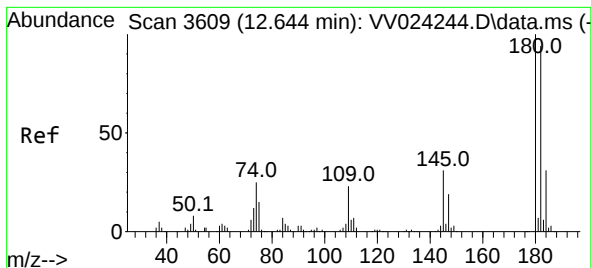
Tgt Ion:146 Resp: 33487
Ion Ratio Lower Upper
146 100
111 40.4 32.0 48.0
148 63.7 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 8.757 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion: 75 Resp: 4402
Ion Ratio Lower Upper
75 100
155 99.5 73.2 109.8
157 125.9 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 9.182 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

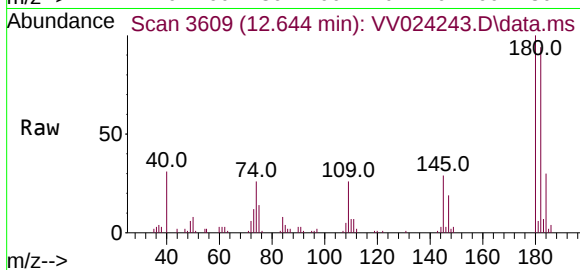
Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 23954

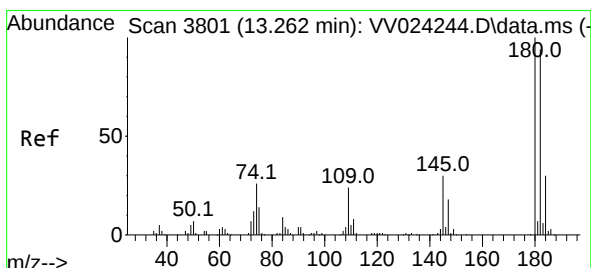
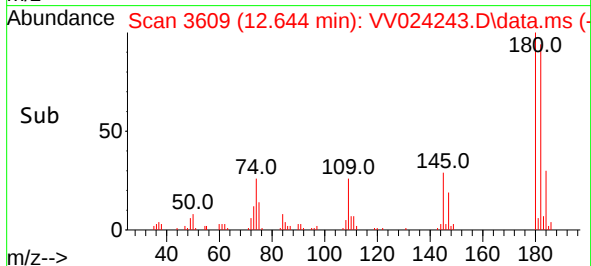
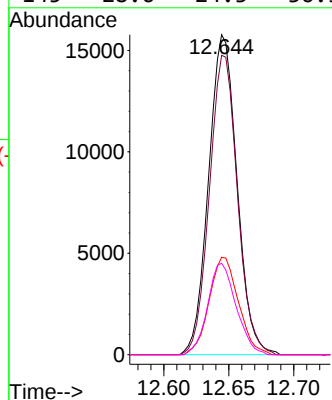
Ion Ratio Lower Upper

180 100

182 92.3 75.4 113.2

184 31.4 24.7 37.1

145 28.6 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 8.654 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV024243.D

Acq: 30 Dec 2021 19:30

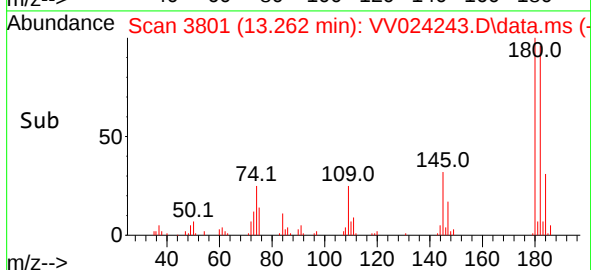
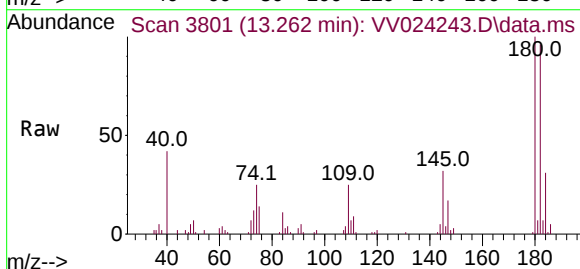
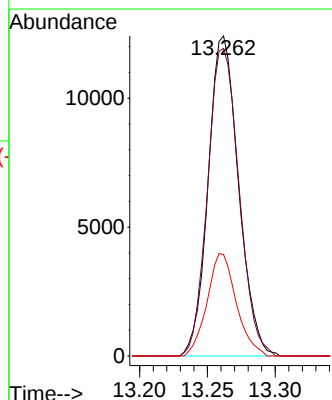
Tgt Ion:180 Resp: 19309

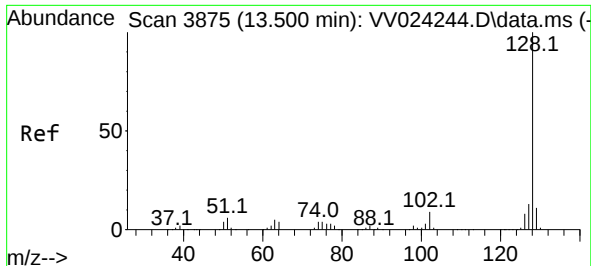
Ion Ratio Lower Upper

180 100

182 99.3 75.6 113.4

145 30.8 23.9 35.9

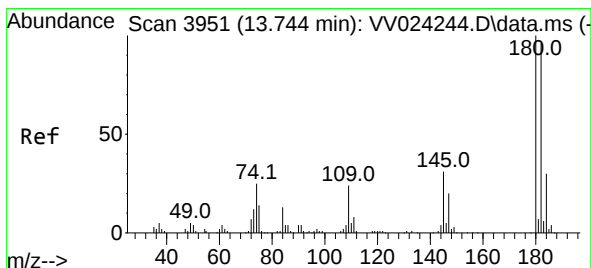
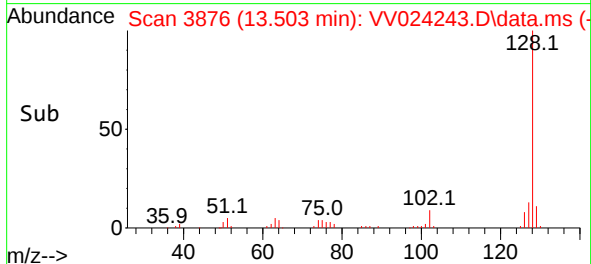
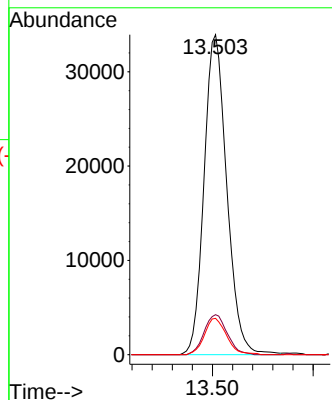
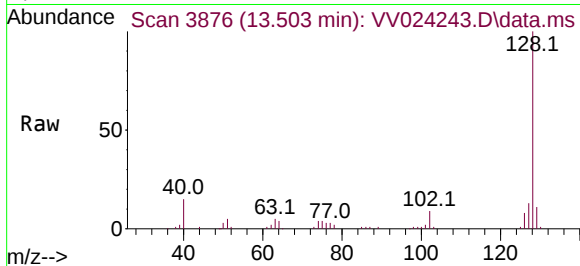




#71
Naphthalene
Concen: 8.257 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 53302
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 8.907 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024243.D
Acq: 30 Dec 2021 19:30

Tgt Ion:180 Resp: 20540
Ion Ratio Lower Upper
180 100
182 99.4 76.1 114.1
145 31.6 25.0 37.4

