

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120221\
 Data File : VW023761.D
 Acq On : 01 Dec 2021 19:25
 Operator : SY/MD
 Sample : VSTD2.501
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 02 00:49:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 00:47:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	279732	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	276168	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	155654	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	8916	2.324	ug/L	0.00
7) Chloroethane-d5	1.568	69	6991	2.160	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	18225	2.686	ug/L	0.00
21) 2-Butanone-d5	3.905	46	157	0.120	ug/L	0.00
24) Chloroform-d	4.352	84	19411	2.622	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	10759	2.578	ug/L	0.00
32) Benzene-d6	5.053	84	36669	2.477	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	11329	2.469	ug/L	0.00
41) Toluene-d8	7.317	98	33133	2.446	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	4626	2.372	ug/L	0.00
47) 2-Hexanone-d5	8.108	63	2855	3.027	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.217	84	9009	2.131	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	15083	2.597	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	16395	5.053	ug/L	96
3) Chloromethane	1.240	50	14830	3.841	ug/L	94
5) Vinyl chloride	1.311	62	12932	3.278	ug/L	100
6) Bromomethane	1.523	94	9148	3.543	ug/L	94
8) Chloroethane	1.584	64	8224	3.259	ug/L	95
9) Trichlorofluoromethane	1.751	101	20465	3.673	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	10778	3.140	ug/L	99
12) 1,1-Dichloroethene	2.118	96	9796	3.041	ug/L	92
13) Acetone	2.201	43	4677	3.360	ug/L	85
14) Carbon disulfide	2.294	76	34688	3.398	ug/L	99
15) Methyl Acetate	2.442	43	4412	2.026	ug/L #	88
16) Methylene chloride	2.507	84	20327	4.406	ug/L	96
17) trans-1,2-Dichloroethene	2.761	96	11517	3.021	ug/L	95
18) Methyl tert-butyl Ether	2.770	73	24189	2.577	ug/L #	90
19) 1,1-Dichloroethane	3.192	63	18767	2.738	ug/L	95
20) cis-1,2-Dichloroethene	3.918	96	11185	2.668	ug/L	95
23) Bromochloromethane	4.253	128	5731	2.765	ug/L	90
25) Chloroform	4.378	83	20622	2.854	ug/L	99
27) 1,2-Dichloroethane	5.137	62	12675	2.566	ug/L #	89
29) Cyclohexane	4.680	56	15331	2.559	ug/L	96
30) 1,1,1-Trichloroethane	4.606	97	18465	3.170	ug/L #	77
31) Carbon tetrachloride	4.825	117	16380	3.106	ug/L	99
33) Benzene	5.101	78	42192	2.684	ug/L	100
34) Trichloroethene	5.918	95	11729	2.743	ug/L	92
35) Methylcyclohexane	6.130	83	16703	2.489	ug/L	93
37) 1,2-Dichloropropane	6.179	63	9246	2.327	ug/L	100
38) Bromodichloromethane	6.513	83	14394	2.725	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	14069	2.351	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	10579	3.458	ug/L	92
42) Toluene	7.391	91	43496	2.584	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	12486	2.469	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	8712	2.579	ug/L	98

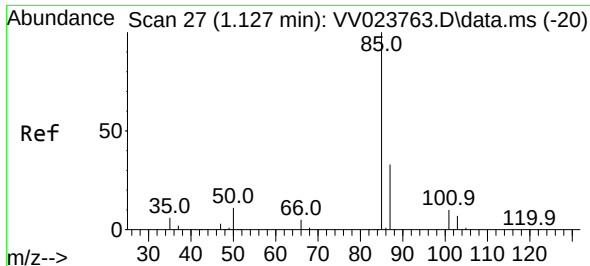
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120221\
 Data File : VV023761.D
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Quant Time: Dec 02 00:49:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM120221SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 02 00:47:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Tetrachloroethene	7.979	164	10675	2.994	ug/L	94
48) 2-Hexanone	8.150	43	6315	2.863	ug/L	95
49) Dibromochloromethane	8.246	129	10509	2.672	ug/L	99
50) 1,2-Dibromoethane	8.355	107	7922	2.386	ug/L #	97
51) Chlorobenzene	8.879	112	32330	2.832	ug/L	99
52) Ethylbenzene	9.011	91	46330	2.517	ug/L	97
53) m,p-Xylene	9.140	106	18402	2.607	ug/L	95
54) o-Xylene	9.545	106	17116	2.528	ug/L	99
55) Styrene	9.564	104	27542	2.327	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	9280	2.289	ug/L	95
59) Bromoform	9.731	173	6254	2.383	ug/L #	100
60) Isopropylbenzene	9.931	105	45246	2.436	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	7192	2.131	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	39361	2.600	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	37906	2.498	ug/L	96
64) 1,3-Dichlorobenzene	11.182	146	25643	2.624	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	27634	2.688	ug/L	96
67) 1,2-Dichlorobenzene	11.645	146	23432	2.521	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	1666	2.228	ug/L	97
69) 1,3,5-Trichlorobenzene	12.645	180	19976	2.543	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	16275	2.438	ug/L	96
71) Naphthalene	13.503	128	26262	2.057	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	14382	2.252	ug/L	98

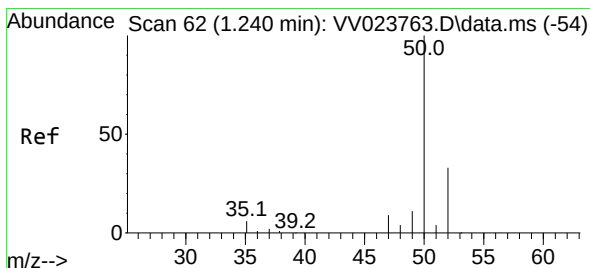
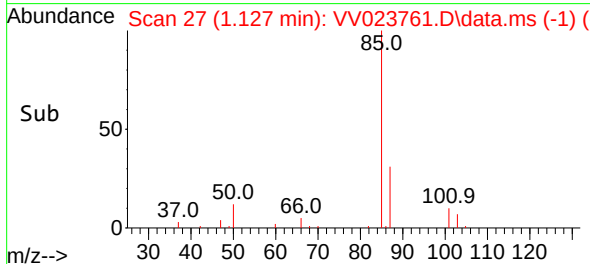
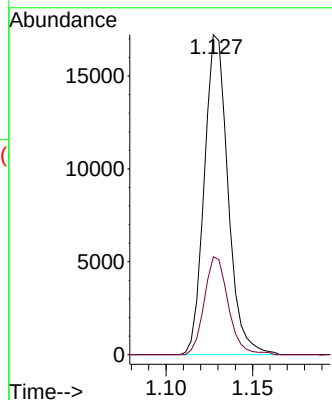
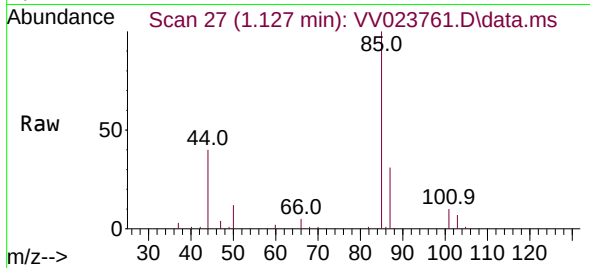
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.053 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023761.D
 Acq: 01 Dec 2021 19:25

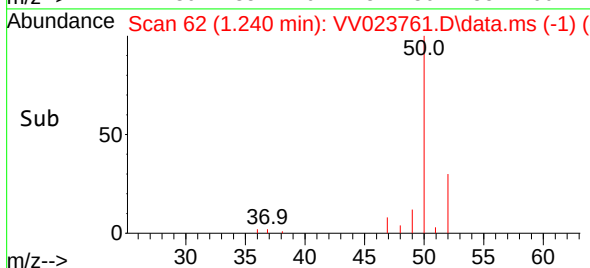
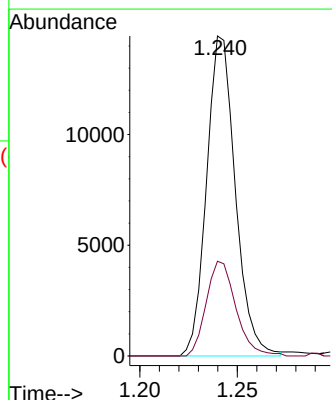
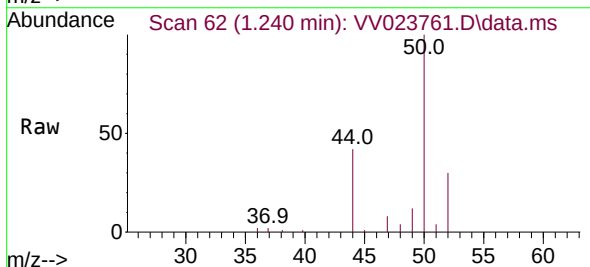
Instrument :
 MSVOA_V
 ClientSampleId :

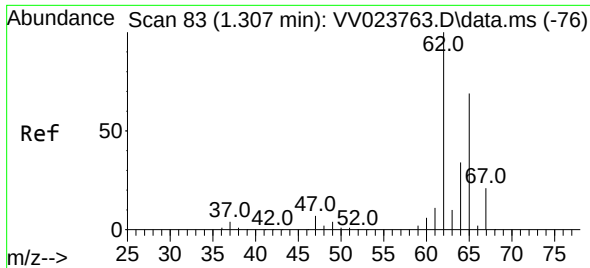
Tgt Ion: 85 Resp: 16395
 Ion Ratio Lower Upper
 85 100
 87 30.8 26.6 40.0



#3
 Chloromethane
 Concen: 3.841 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023761.D
 Acq: 01 Dec 2021 19:25

Tgt Ion: 50 Resp: 14830
 Ion Ratio Lower Upper
 50 100
 52 29.6 23.3 43.3

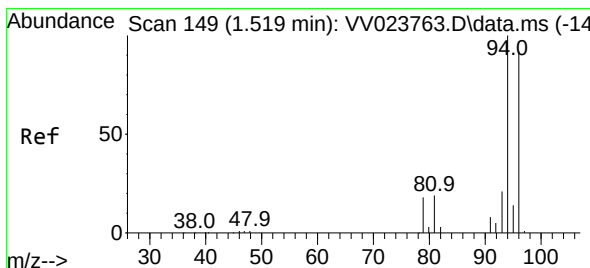
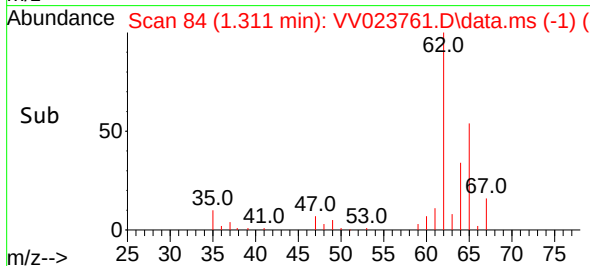
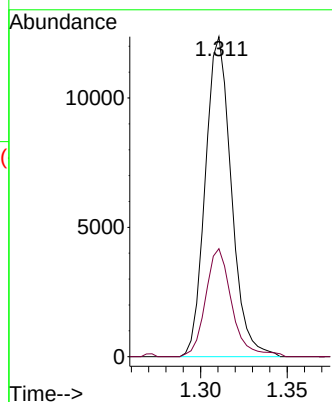
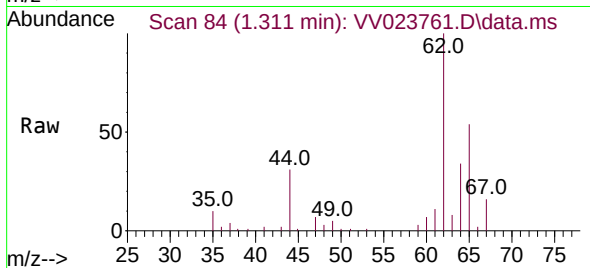




#5
 Vinyl chloride
 Concen: 3.278 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023761.D
 Acq: 01 Dec 2021 19:25

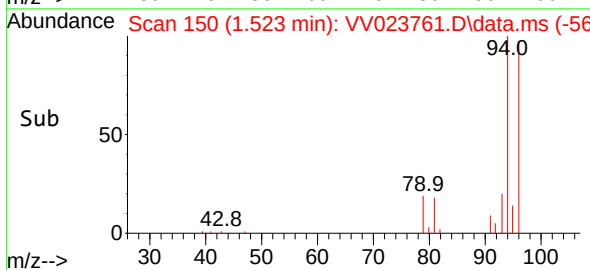
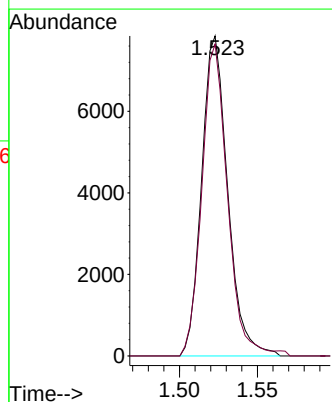
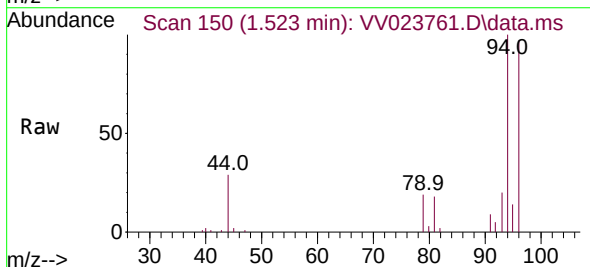
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 ClientSampleId :

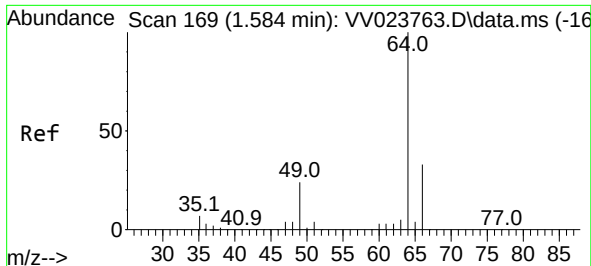
Tgt Ion: 62 Resp: 12932
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.5 43.7



#6
 Bromomethane
 Concen: 3.543 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV023761.D
 Acq: 01 Dec 2021 19:25

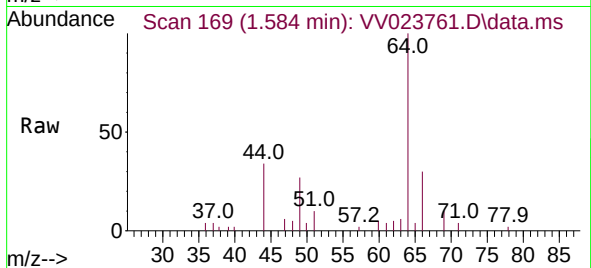
Tgt Ion: 94 Resp: 9148
 Ion Ratio Lower Upper
 94 100
 96 97.4 64.1 119.1



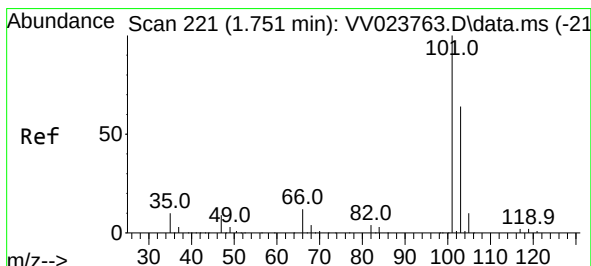
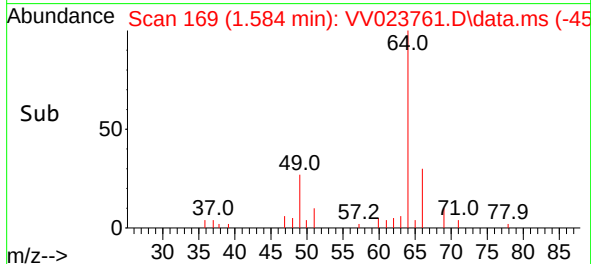
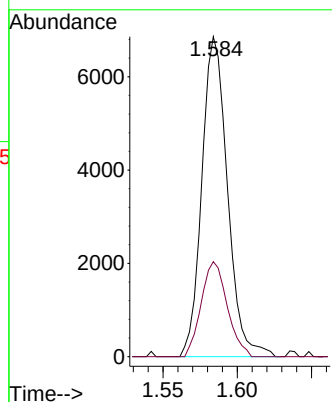


#8
Chloroethane
Concen: 3.259 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Instrument :
MSVOA_V
ClientSampleId :

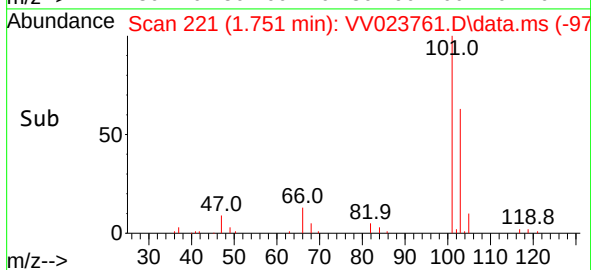
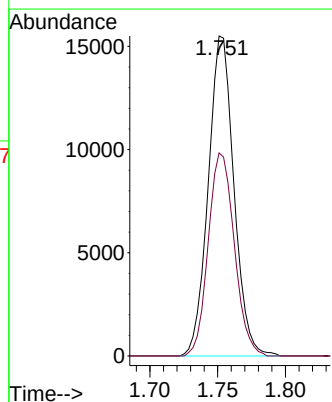
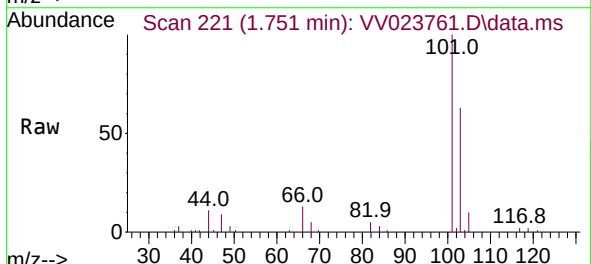


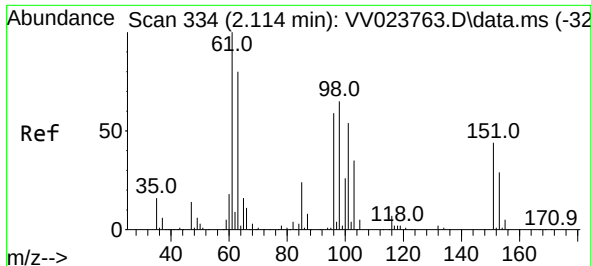
Tgt Ion: 64 Resp: 8224
Ion Ratio Lower Upper
64 100
66 29.7 23.0 42.6



#9
Trichlorofluoromethane
Concen: 3.673 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion: 101 Resp: 20465
Ion Ratio Lower Upper
101 100
103 64.3 51.3 76.9





#10

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

Concen: 3.140 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

ClientSampleId :

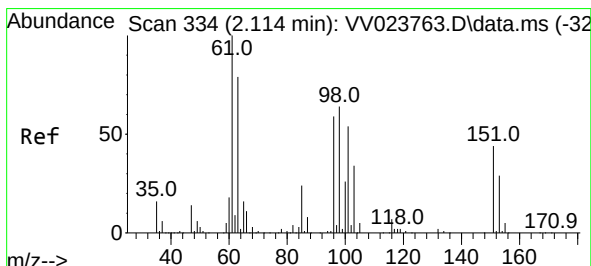
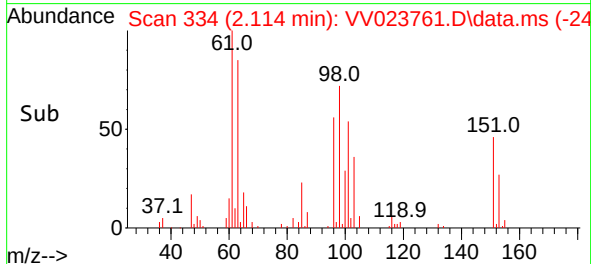
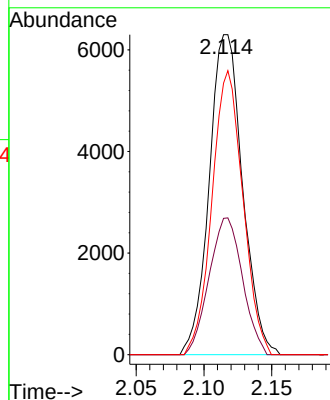
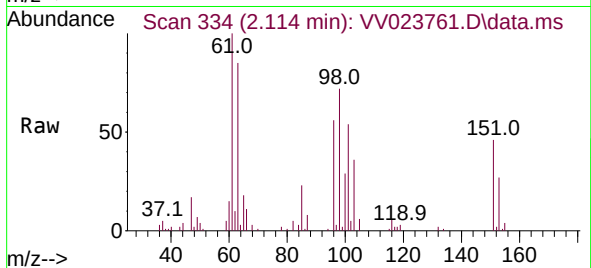
Tgt Ion:101 Resp: 10778

Ion Ratio Lower Upper

101 100

85 42.7 35.1 52.7

151 82.2 65.6 98.4



#12

1,1-Dichloroethene

Concen: 3.041 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

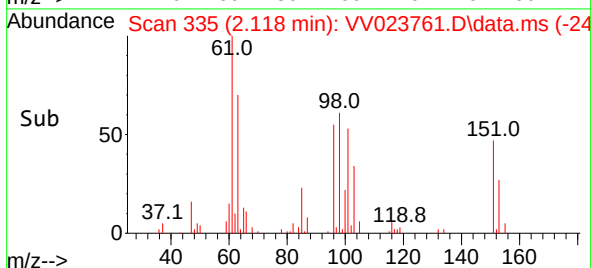
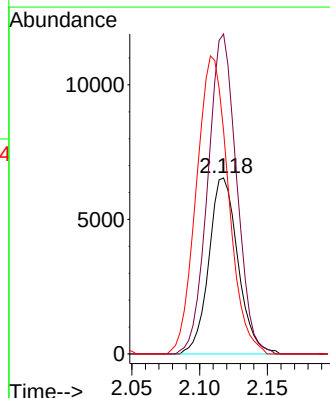
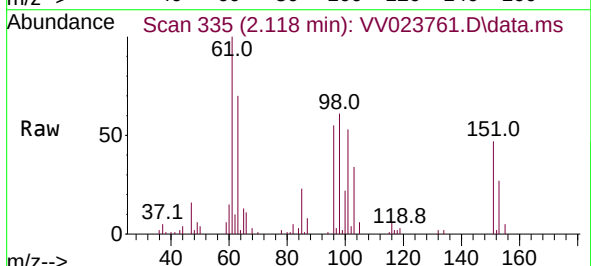
Tgt Ion: 96 Resp: 9796

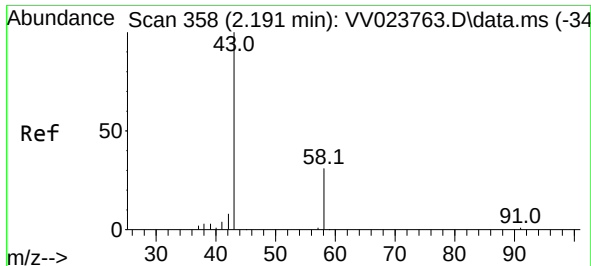
Ion Ratio Lower Upper

96 100

61 181.9 119.4 221.8

63 126.9 95.4 177.2

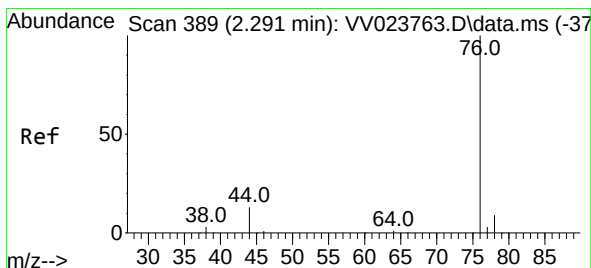
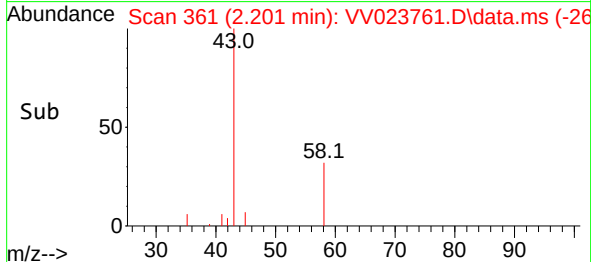
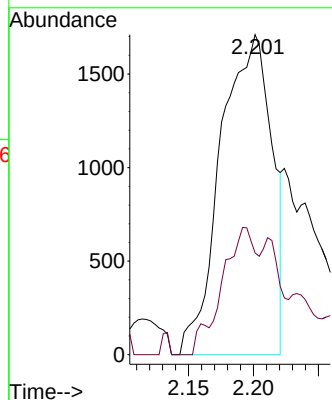
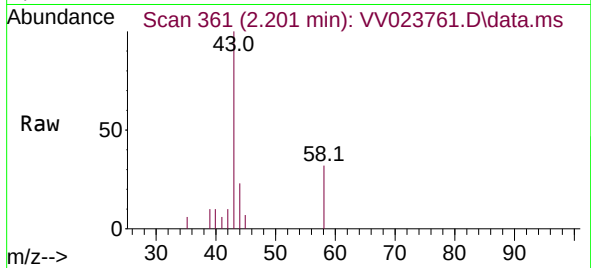




#13
Acetone
Concen: 3.360 ug/L
RT: 2.201 min Scan# 30
Delta R.T. 0.010 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

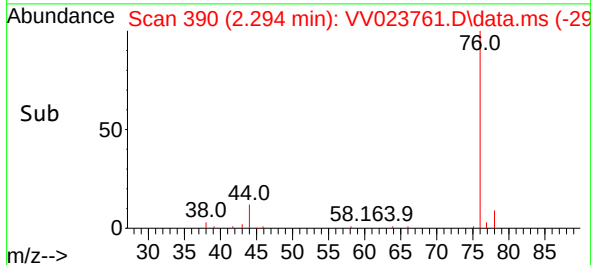
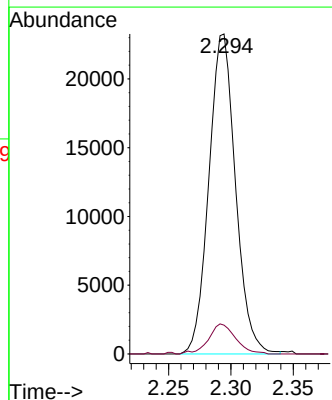
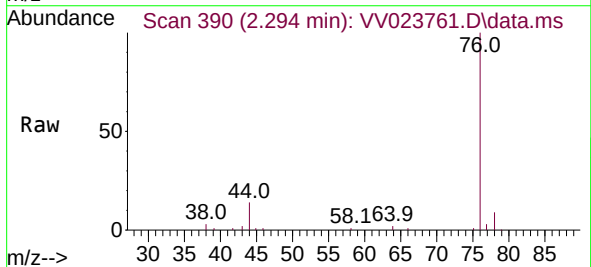
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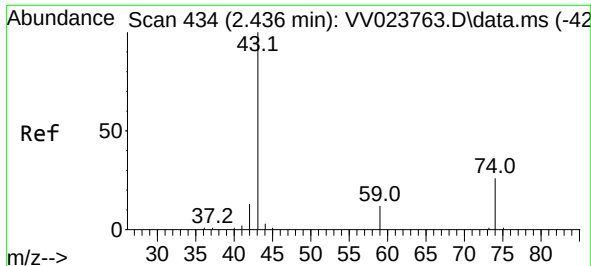
Tgt Ion: 43 Resp: 4677
Ion Ratio Lower Upper
43 100
58 3.3 0.0 17.8



#14
Carbon disulfide
Concen: 3.398 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion: 76 Resp: 34688
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





#15

Methyl Acetate

Concen: 2.026 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.007 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

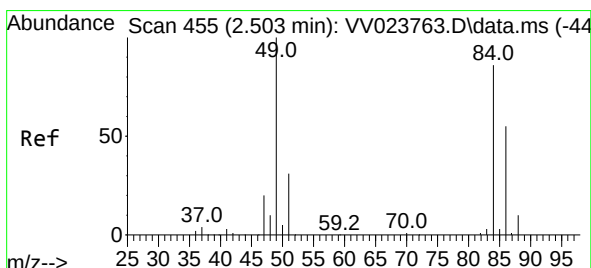
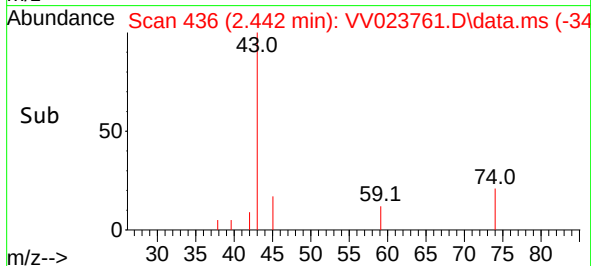
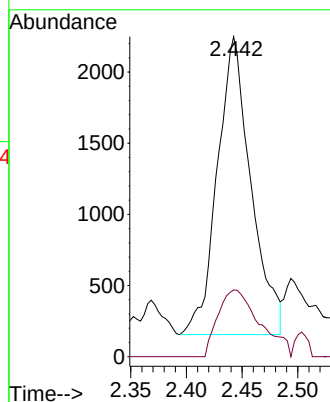
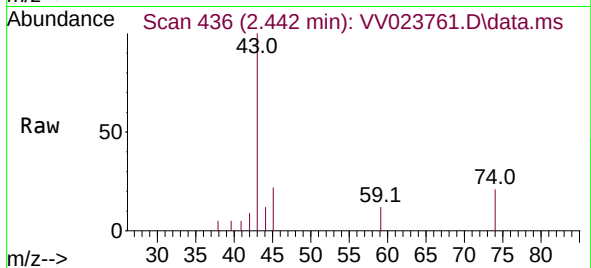
ClientSampleId :

Tgt Ion: 43 Resp: 4412

Ion Ratio Lower Upper

43 100

74 27.7 17.6 26.4#



#16

Methylene chloride

Concen: 4.406 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

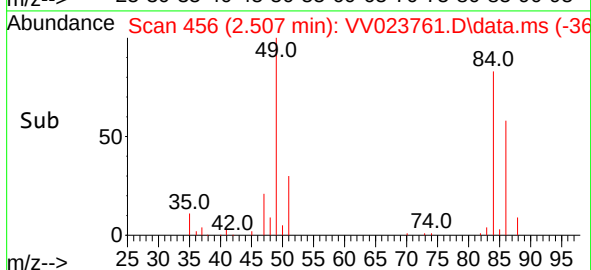
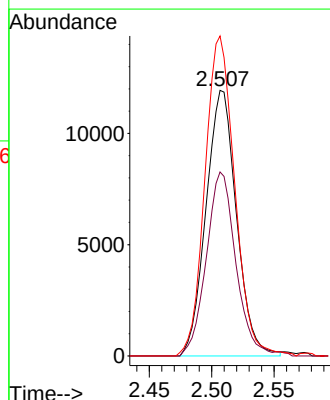
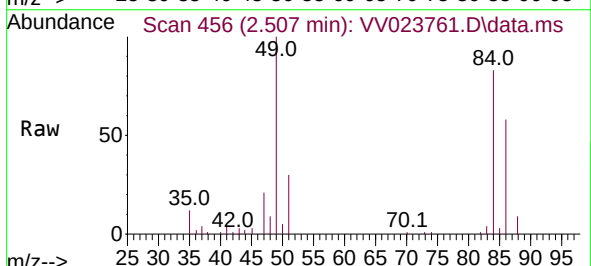
Tgt Ion: 84 Resp: 20327

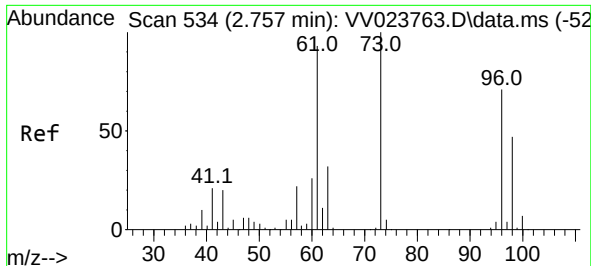
Ion Ratio Lower Upper

84 100

86 69.3 45.3 84.1

49 120.5 81.8 152.0

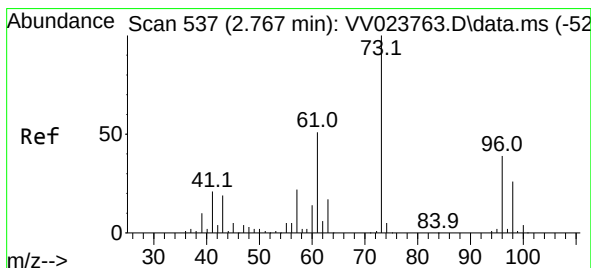
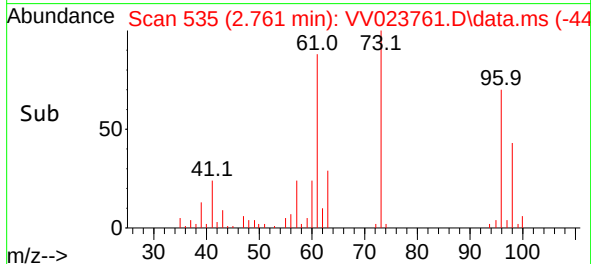
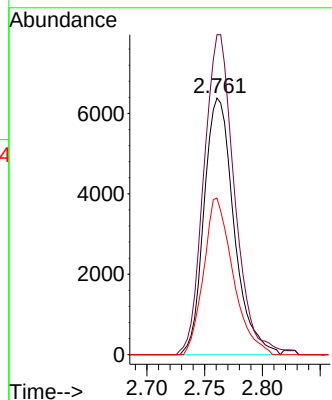
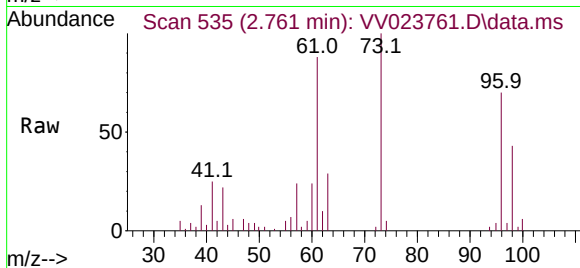




#17
trans-1,2-Dichloroethene
Concen: 3.021 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

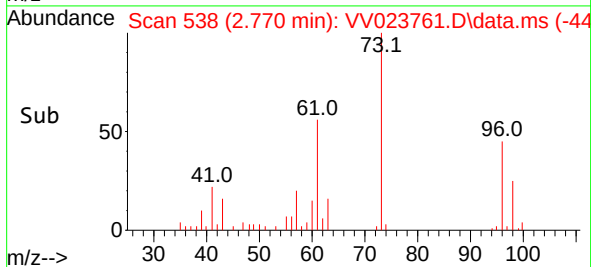
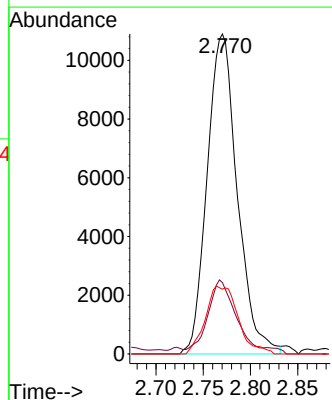
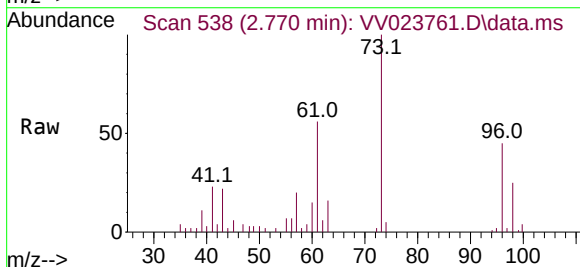
Instrument :
MSVOA_V
ClientSampleId :

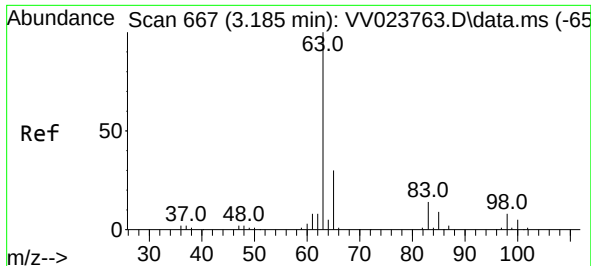
Tgt Ion: 96 Resp: 11517
Ion Ratio Lower Upper
96 100
61 124.7 91.0 169.0
98 61.0 45.9 85.3



#18
Methyl tert-butyl Ether
Concen: 2.577 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion: 73 Resp: 24189
Ion Ratio Lower Upper
73 100
43 18.7 15.0 22.4
57 12.4 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 2.738 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

ClientSampleId :

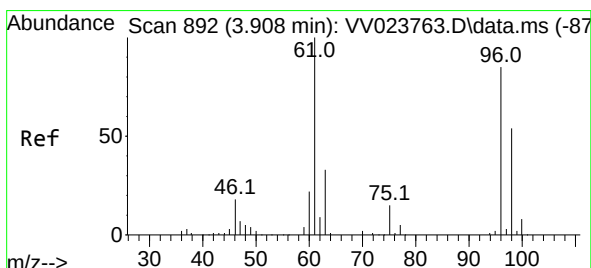
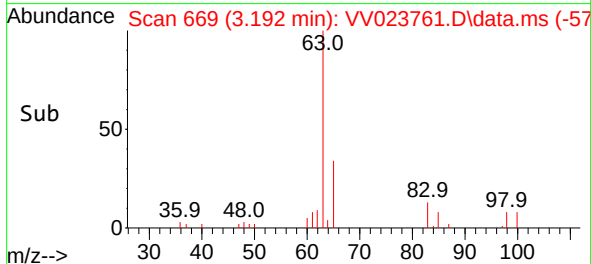
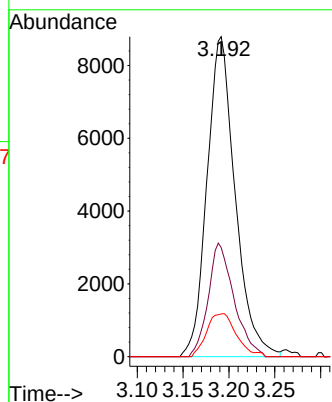
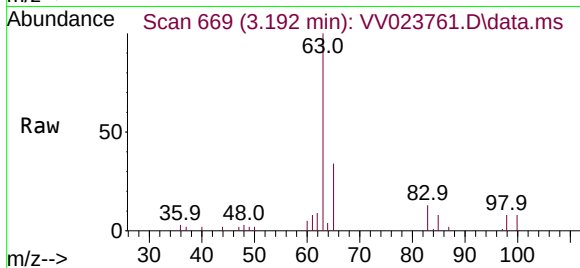
Tgt Ion: 63 Resp: 18767

Ion Ratio Lower Upper

63 100

65 34.1 21.3 39.5

83 13.4 10.1 18.7



#20

cis-1,2-Dichloroethene

Concen: 2.668 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

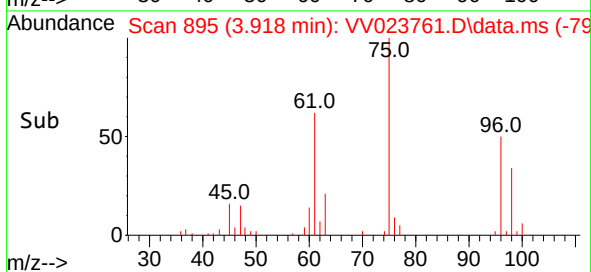
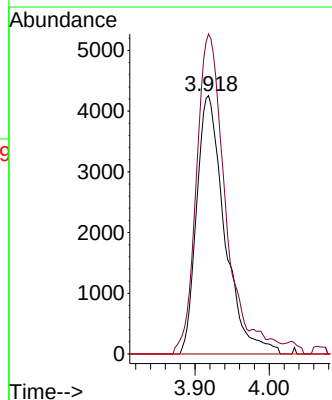
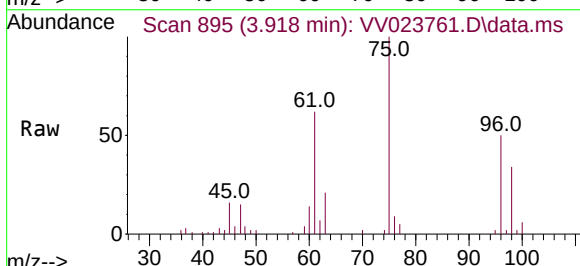
Tgt Ion: 96 Resp: 11185

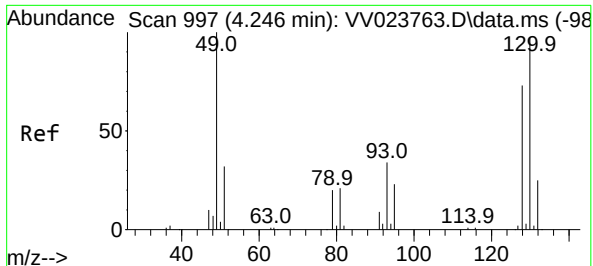
Ion Ratio Lower Upper

96 100

61 123.8 82.5 153.3

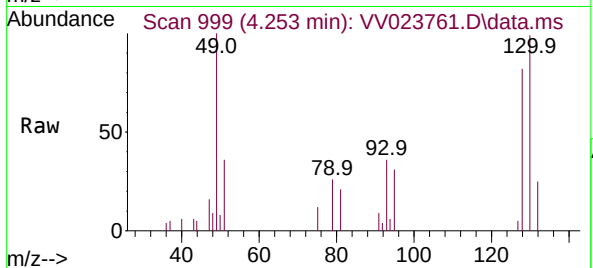
68 0.0 0.0 0.0



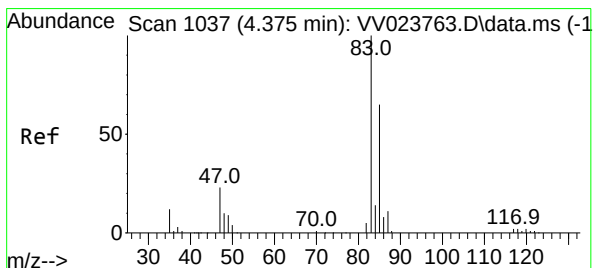
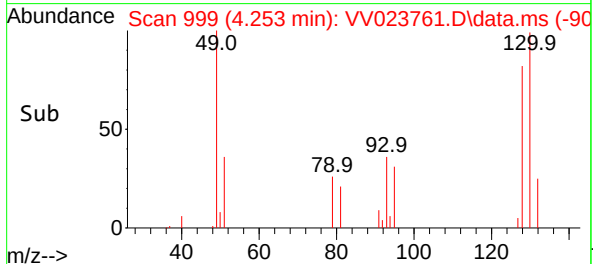
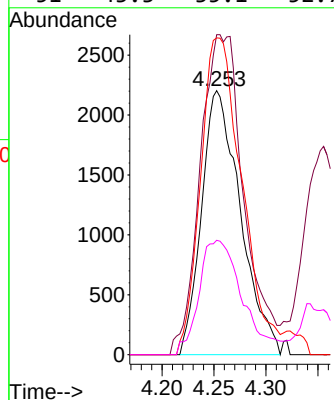


#23
Bromochloromethane
Concen: 2.765 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.007 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Instrument :
MSVOA_V
ClientSampleId :

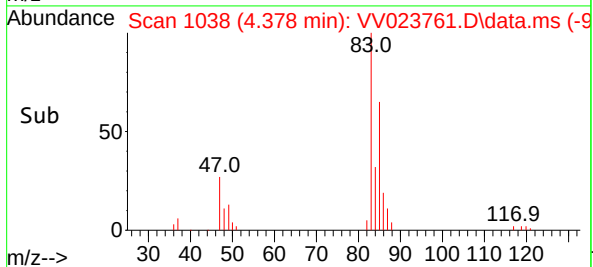
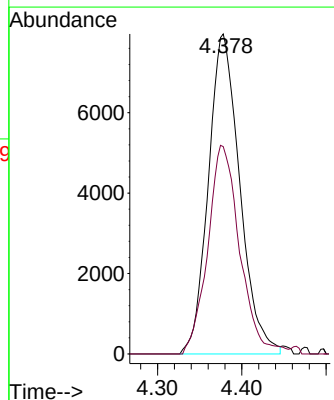
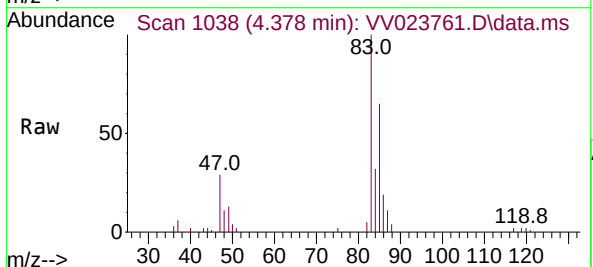


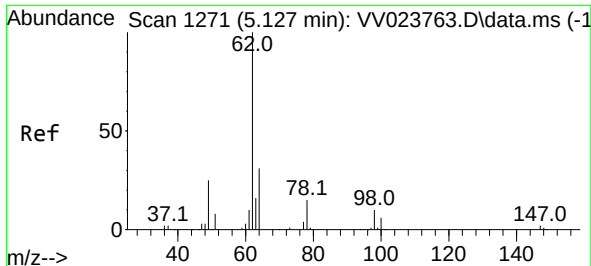
Tgt Ion:	128	Resp:	5731
Ion	Ratio	Lower	Upper
128	100		
49	121.2	95.7	177.7
130	120.0	92.4	171.6
51	43.3	35.1	52.7



#25
Chloroform
Concen: 2.854 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion:	83	Resp:	20622
Ion	Ratio	Lower	Upper
83	100		
85	64.8	46.0	85.4





#27

1,2-Dichloroethane

Concen: 2.566 ug/L

RT: 5.137 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

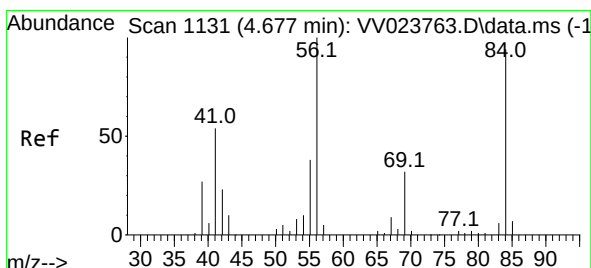
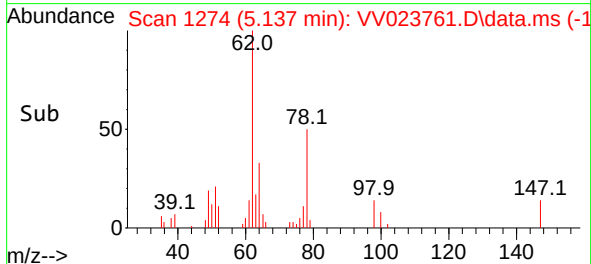
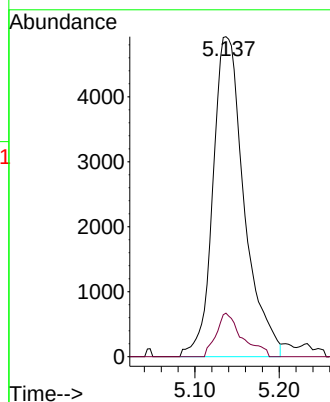
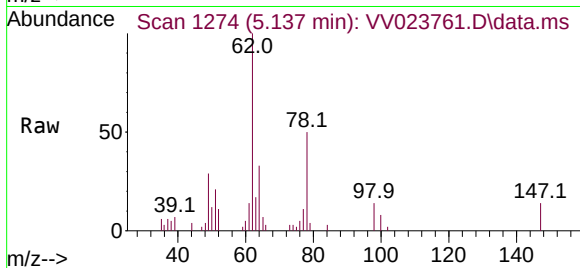
ClientSampleId :

Tgt Ion: 62 Resp: 12675

Ion Ratio Lower Upper

62 100

98 13.6 7.8 11.6#



#29

Cyclohexane

Concen: 2.559 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

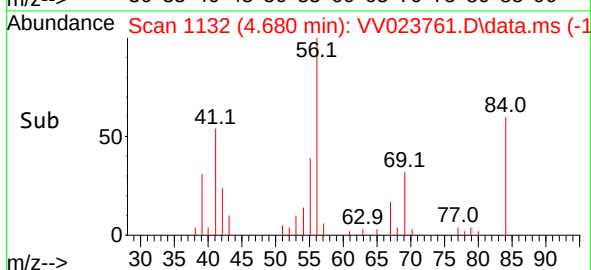
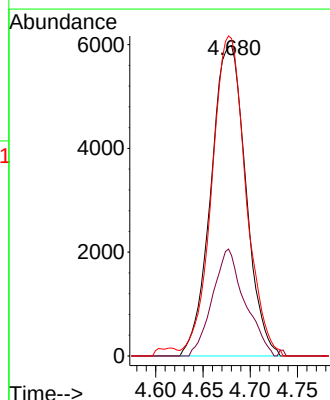
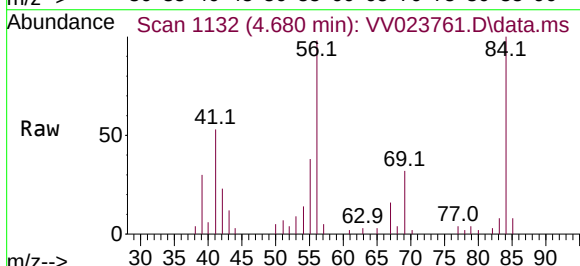
Tgt Ion: 56 Resp: 15331

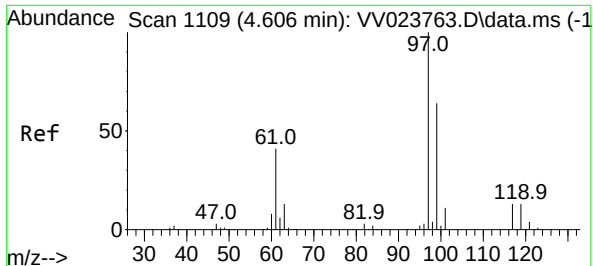
Ion Ratio Lower Upper

56 100

69 32.0 25.2 37.8

84 100.3 76.6 114.8





#30

1,1,1-Trichloroethane

Concen: 3.170 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

ClientSampleId :

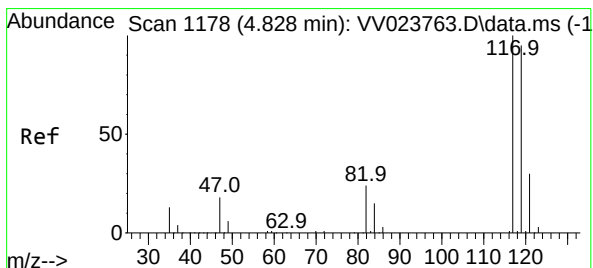
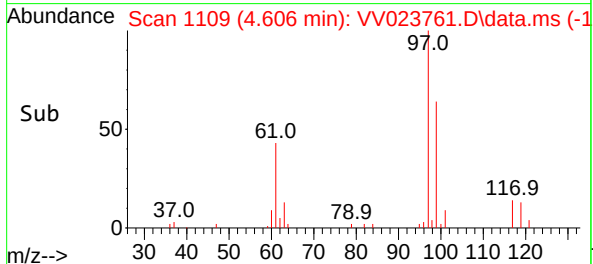
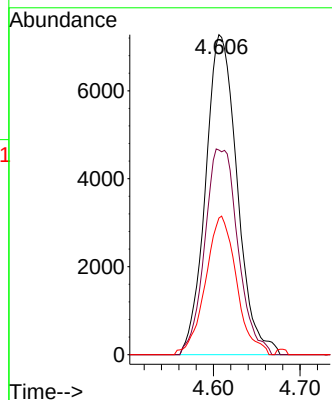
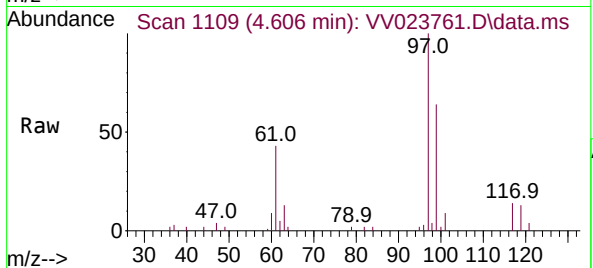
Tgt Ion: 97 Resp: 18465

Ion Ratio Lower Upper

97 100

99 36.1 52.0 78.0#

61 42.5 33.3 49.9



#31

Carbon tetrachloride

Concen: 3.106 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VV023761.D

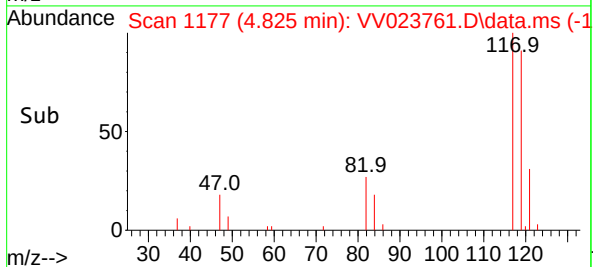
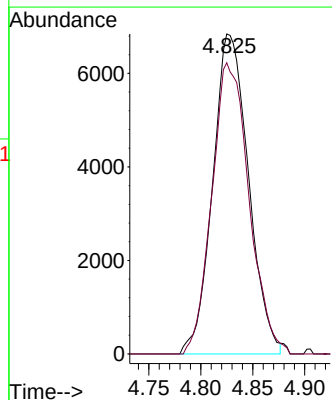
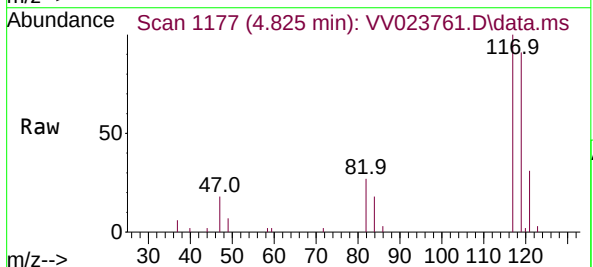
Acq: 01 Dec 2021 19:25

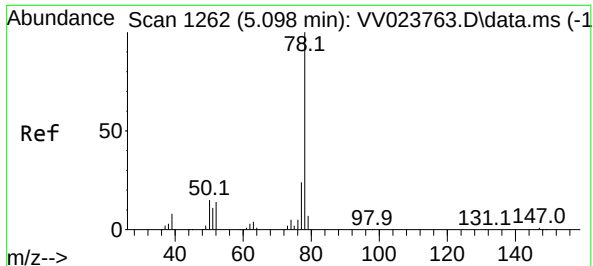
Tgt Ion: 117 Resp: 16380

Ion Ratio Lower Upper

117 100

119 94.5 76.0 114.0





#33

Benzene

Concen: 2.684 ug/L

RT: 5.101 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV023761.D

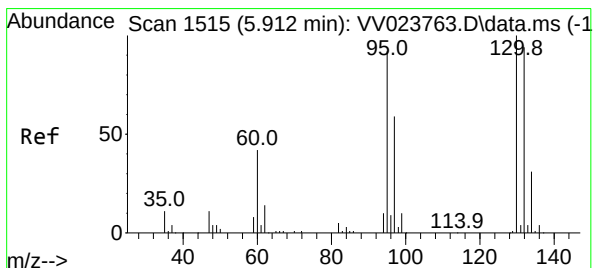
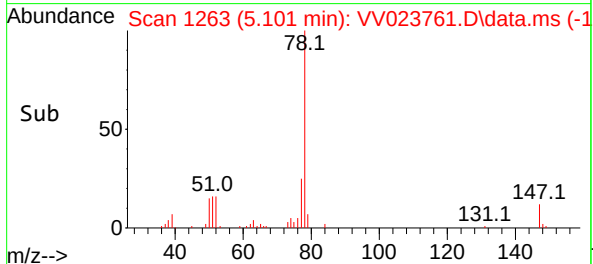
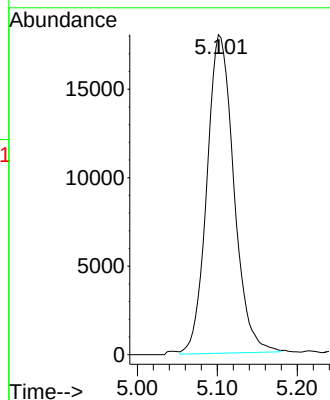
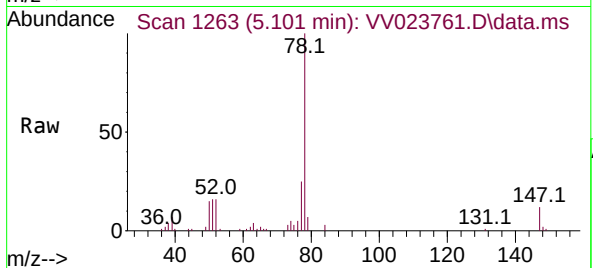
Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 42192



#34

Trichloroethene

Concen: 2.743 ug/L

RT: 5.918 min Scan# 1517

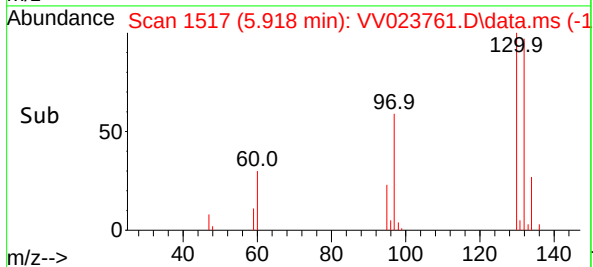
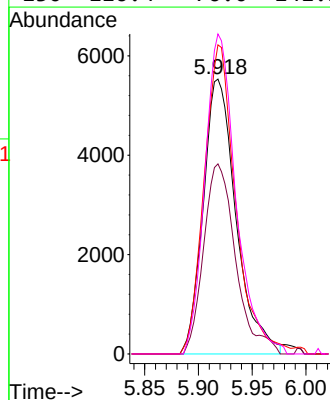
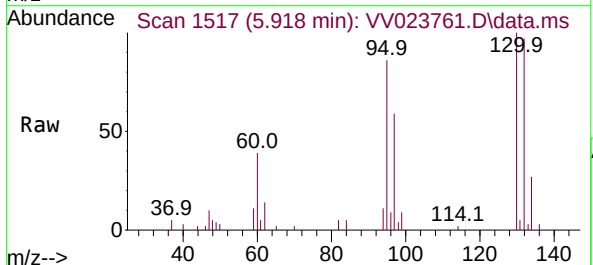
Delta R.T. 0.007 min

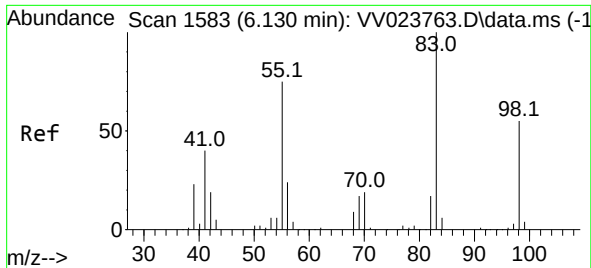
Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Tgt Ion: 95 Resp: 11729

Ion	Ratio	Lower	Upper
95	100		
97	69.1	44.5	82.7
132	112.5	71.7	133.1
130	116.4	76.0	141.2

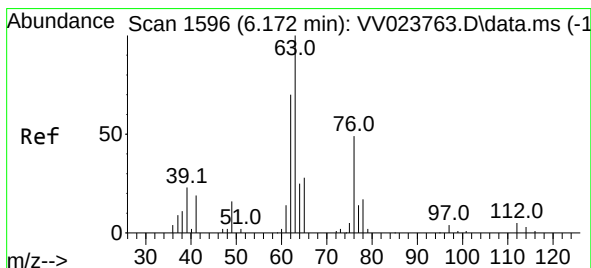
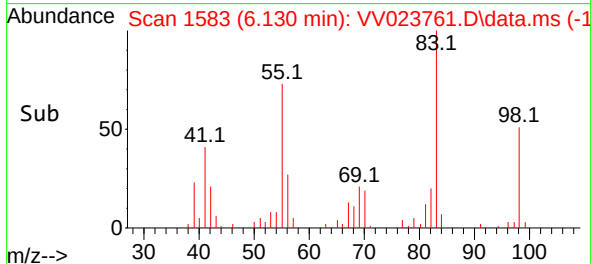
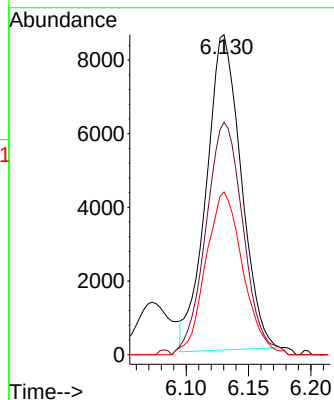
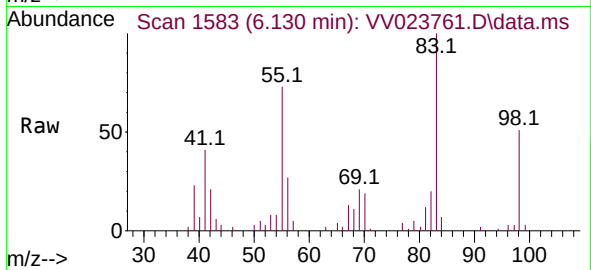




#35
Methylcyclohexane
Concen: 2.489 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

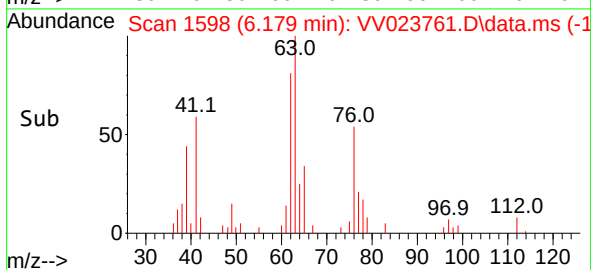
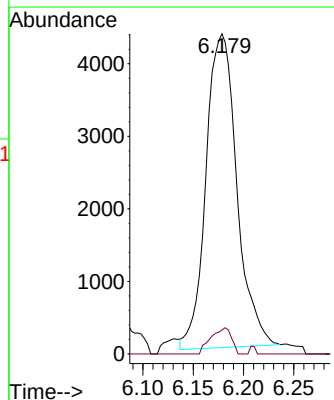
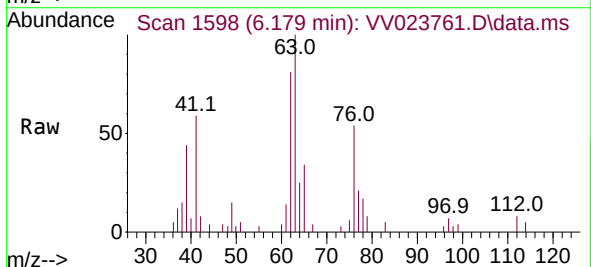
Instrument :
MSVOA_V
ClientSampleId :

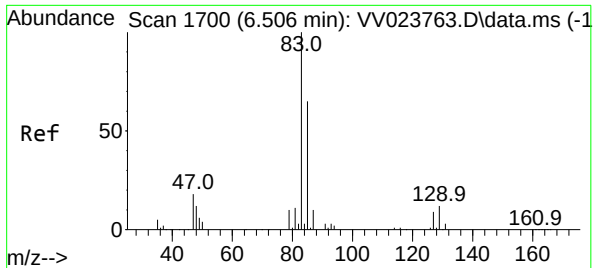
Tgt Ion: 83	Resp: 16703
Ion Ratio	Lower Upper
83 100	
55 78.6	57.4 86.2
98 54.7	40.4 60.6



#37
1,2-Dichloropropane
Concen: 2.327 ug/L
RT: 6.179 min Scan# 1598
Delta R.T. 0.007 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion: 63	Resp: 9246
Ion Ratio	Lower Upper
63 100	
112 5.5	4.3 6.5

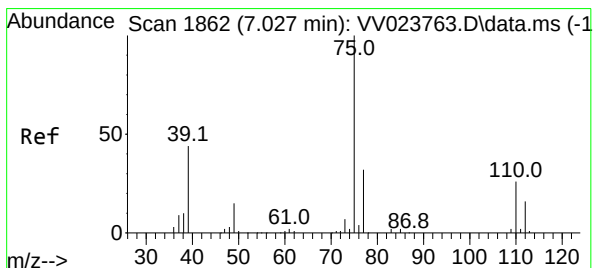
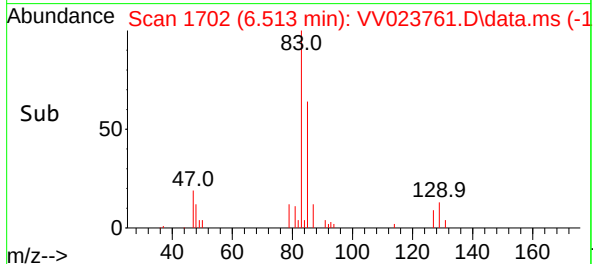
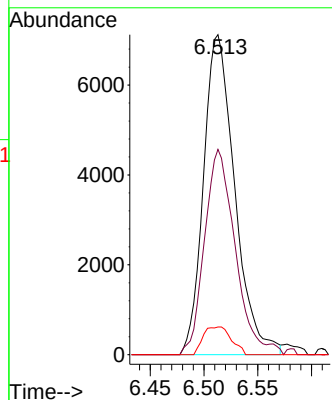
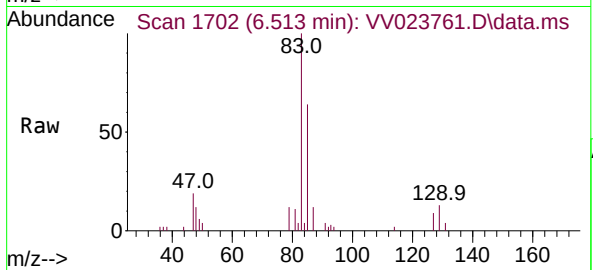




#38
Bromodichloromethane
Concen: 2.725 ug/L
RT: 6.513 min Scan# 1700
Delta R.T. 0.007 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

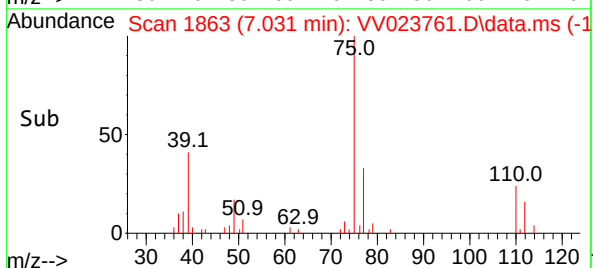
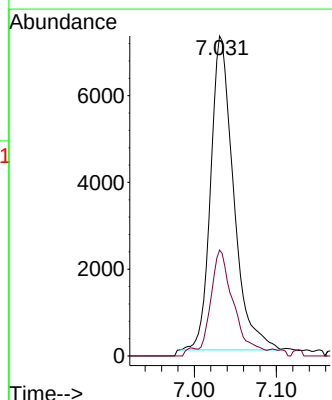
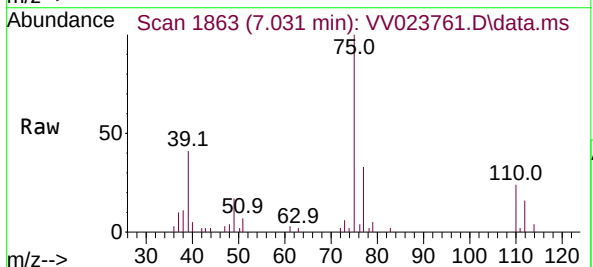
Instrument :
MSVOA_V
ClientSampleId :

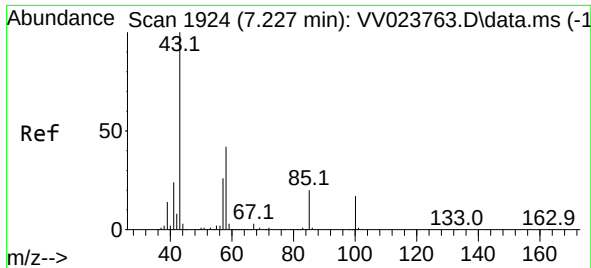
Tgt Ion: 83	Resp: 14394
Ion Ratio	Lower Upper
83 100	
85 64.1	45.4 84.2
127 8.6	7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 2.351 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion: 75	Resp: 14069
Ion Ratio	Lower Upper
75 100	
77 33.1	22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 3.458 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.007 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

ClientSampleId :

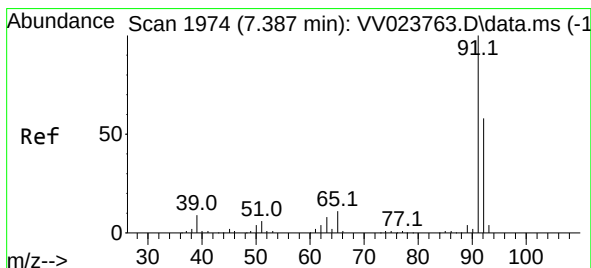
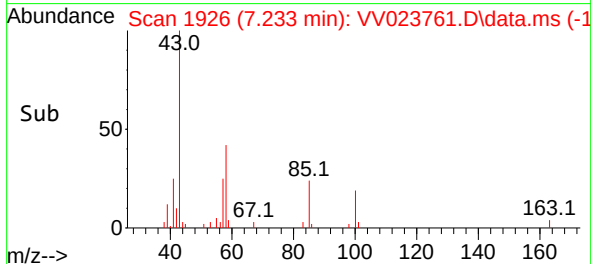
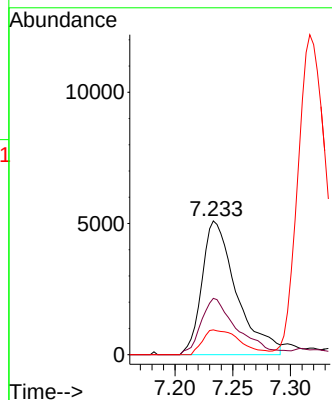
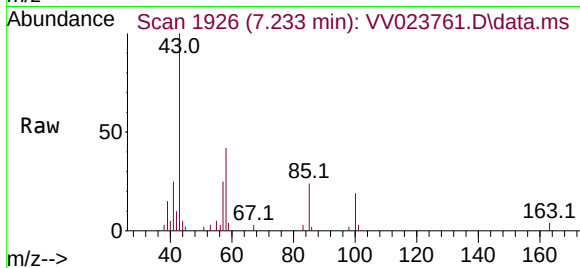
Tgt Ion: 43 Resp: 10579

Ion Ratio Lower Upper

43 100

58 44.7 31.6 47.4

100 20.2 13.8 20.6



#42

Toluene

Concen: 2.584 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023761.D

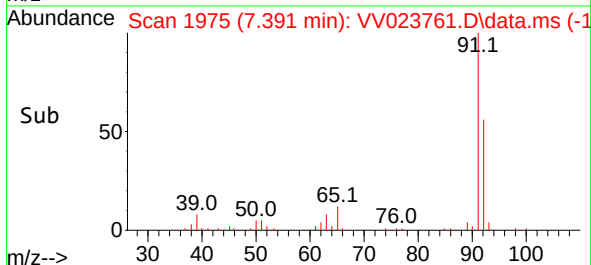
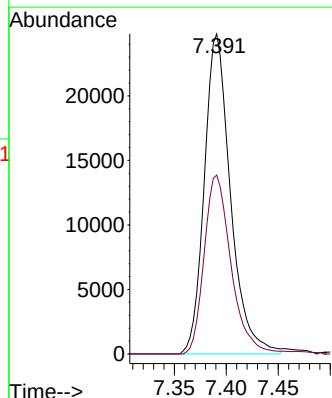
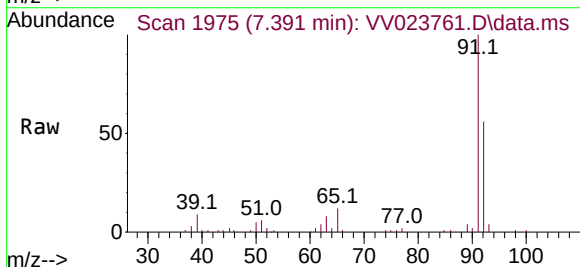
Acq: 01 Dec 2021 19:25

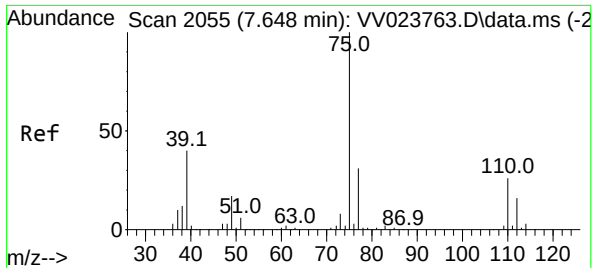
Tgt Ion: 91 Resp: 43496

Ion Ratio Lower Upper

91 100

92 55.9 40.4 75.0

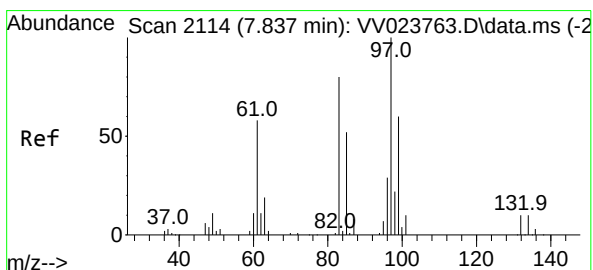
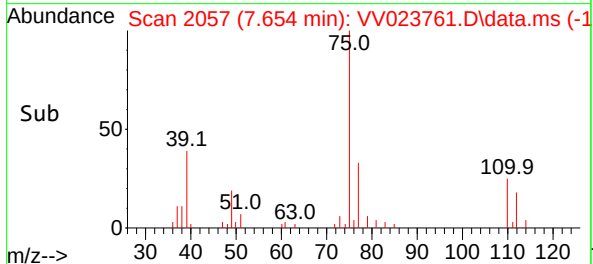
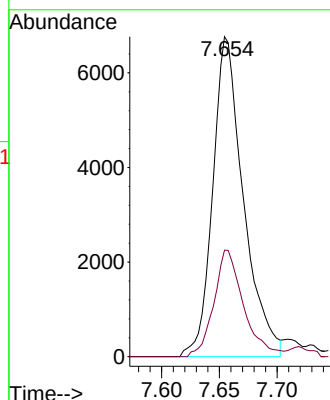
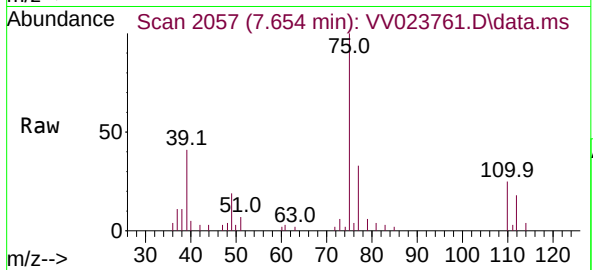




#44
trans-1,3-Dichloropropene
Concen: 2.469 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.007 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

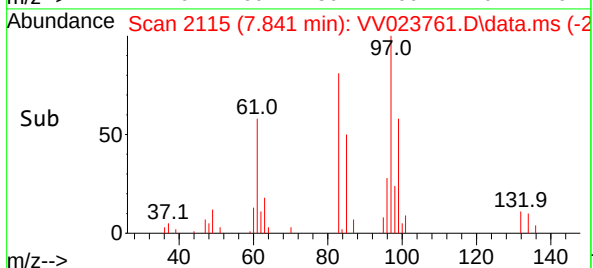
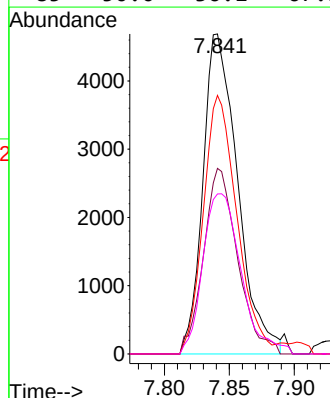
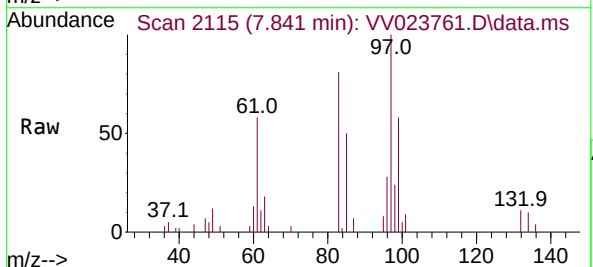
Instrument :
MSVOA_V
ClientSampleId :

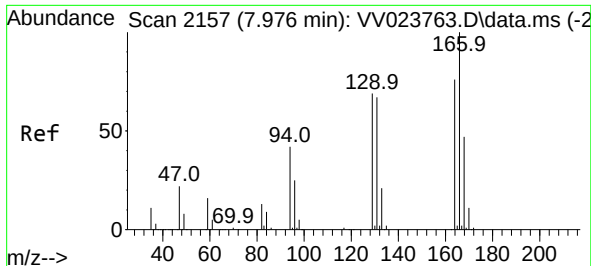
Tgt Ion: 75 Resp: 12486
Ion Ratio Lower Upper
75 100
77 33.3 21.5 39.9



#45
1,1,2-Trichloroethane
Concen: 2.579 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

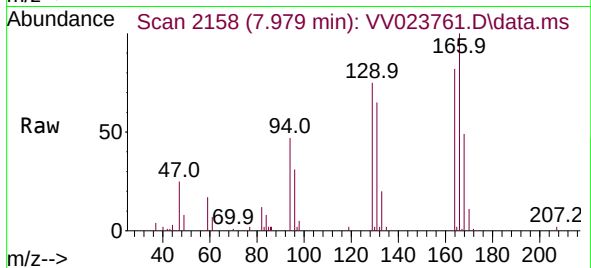
Tgt Ion: 97 Resp: 8712
Ion Ratio Lower Upper
97 100
99 58.0 41.8 77.6
83 80.8 55.8 103.6
85 50.0 36.1 67.1



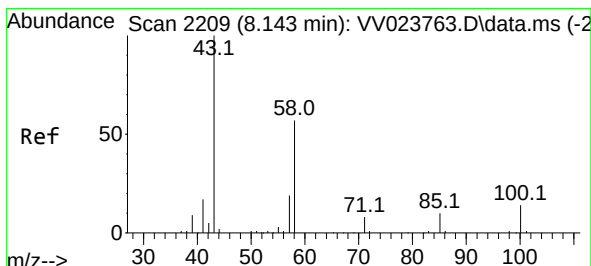
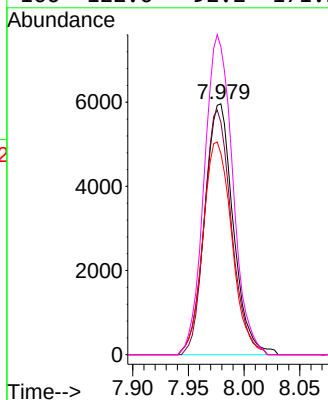
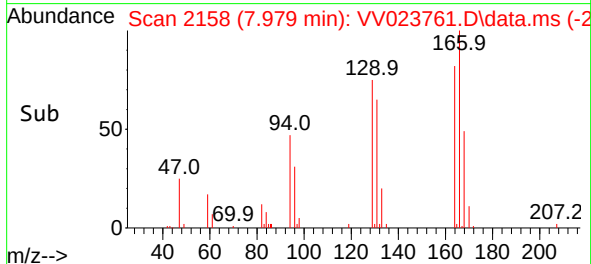


#46
Tetrachloroethene
Concen: 2.994 ug/L
RT: 7.979 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

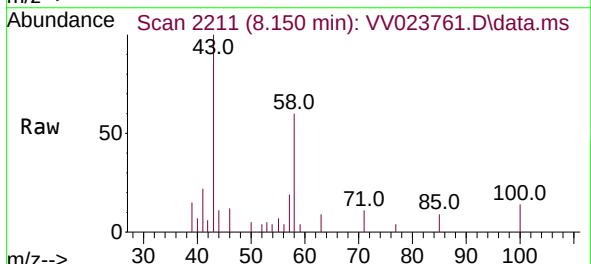
Instrument :
MSVOA_V
ClientSampleId :



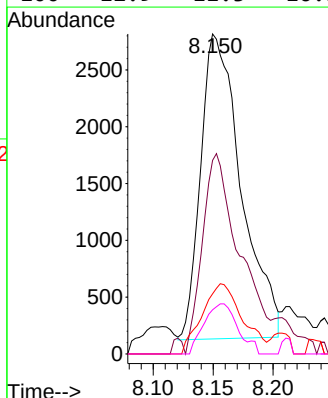
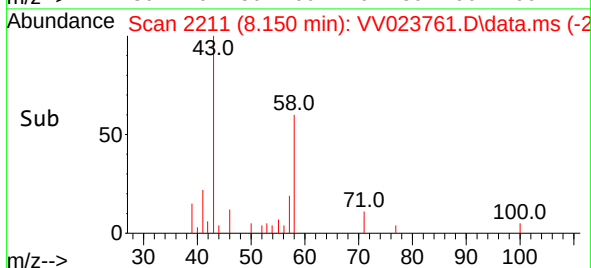
Tgt Ion:164 Resp: 10675
Ion Ratio Lower Upper
164 100
129 92.6 63.3 117.5
131 80.2 61.8 114.8
166 122.6 92.2 171.2

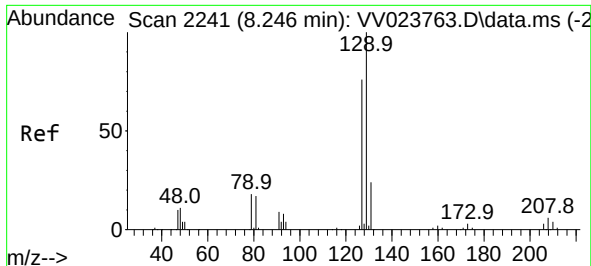


#48
2-Hexanone
Concen: 2.863 ug/L
RT: 8.150 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25



Tgt Ion: 43 Resp: 6315
Ion Ratio Lower Upper
43 100
58 60.8 45.8 68.8
57 22.9 15.6 23.4
100 12.9 11.3 16.9





#49

Dibromochloromethane

Concen: 2.672 ug/L

RT: 8.246 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

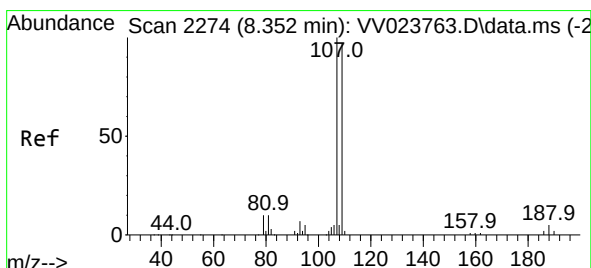
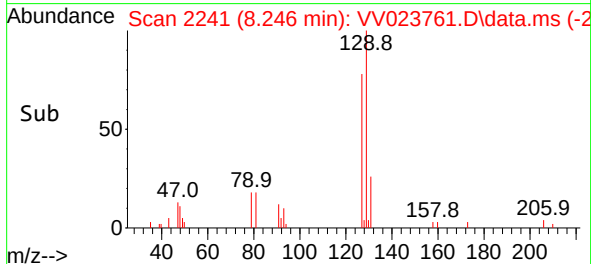
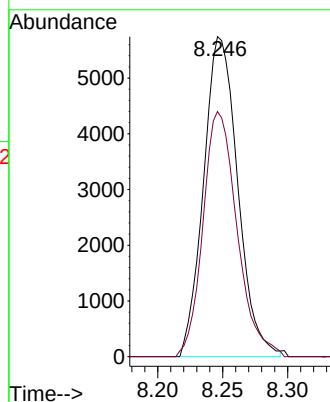
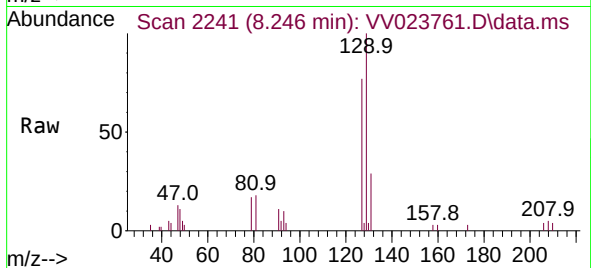
ClientSampleId :

Tgt Ion:129 Resp: 10509

Ion Ratio Lower Upper

129 100

127 76.6 53.1 98.7



#50

1,2-Dibromoethane

Concen: 2.386 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

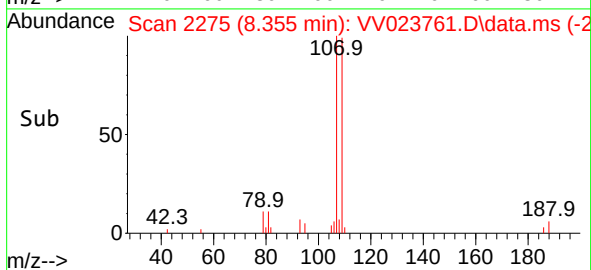
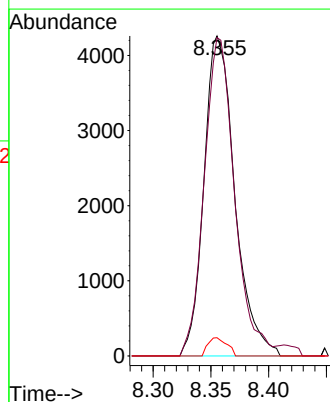
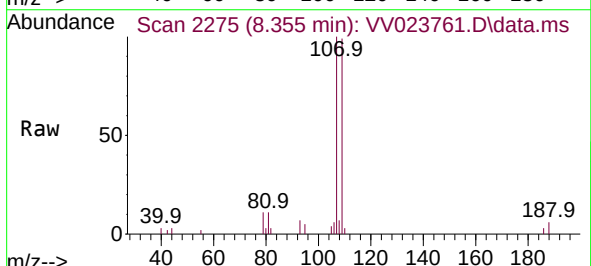
Tgt Ion:107 Resp: 7922

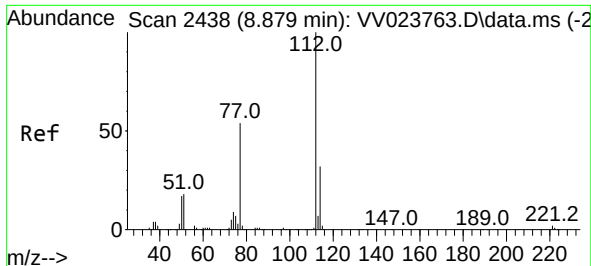
Ion Ratio Lower Upper

107 100

109 99.5 67.8 125.8

188 5.7 3.6 5.4#

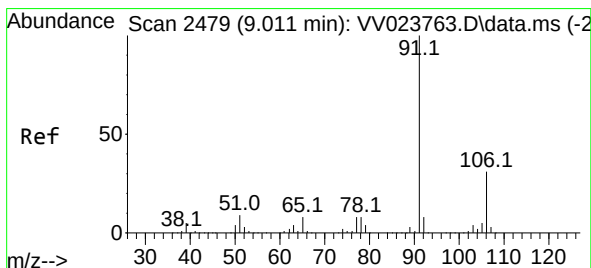
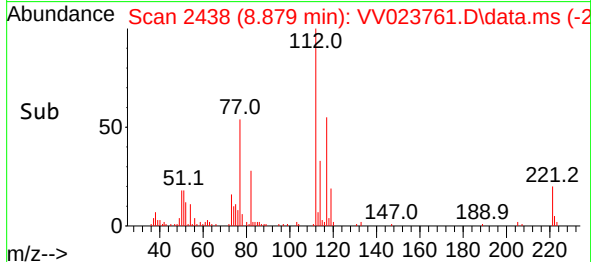
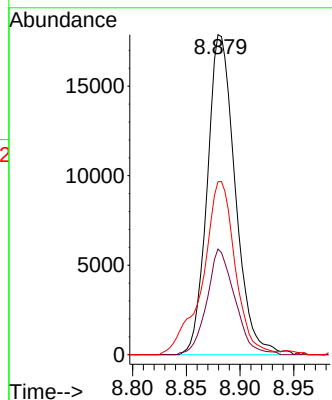
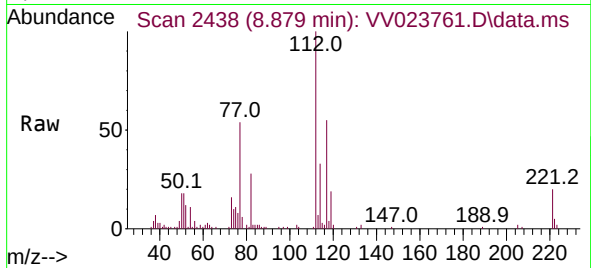




#51
Chlorobenzene
Concen: 2.832 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

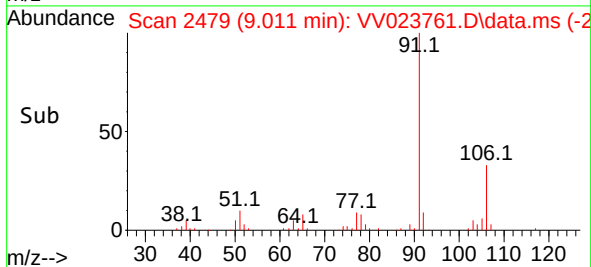
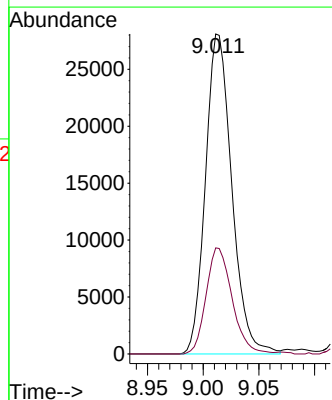
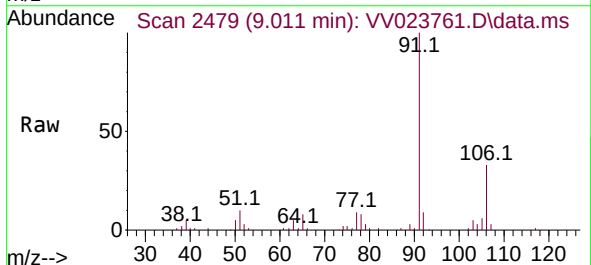
Instrument :
MSVOA_V
ClientSampleId :

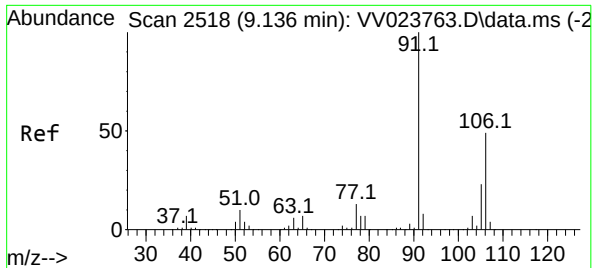
Tgt Ion: 112 Resp: 32330
Ion Ratio Lower Upper
112 100
114 33.0 22.6 42.0
77 54.0 43.5 65.3



#52
Ethylbenzene
Concen: 2.517 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion: 91 Resp: 46330
Ion Ratio Lower Upper
91 100
106 33.2 22.0 40.8

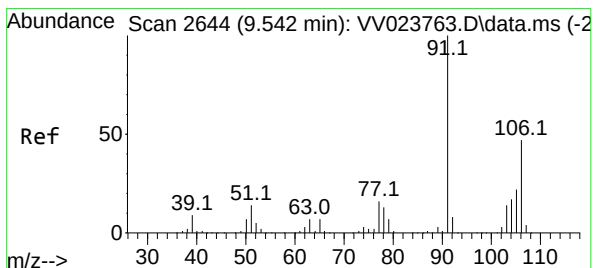
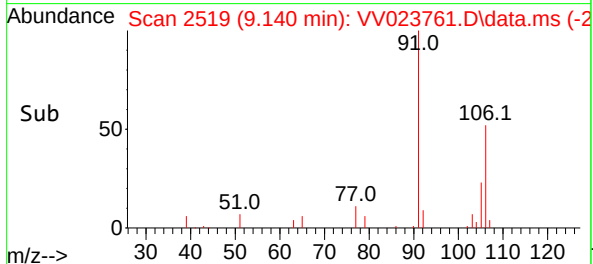
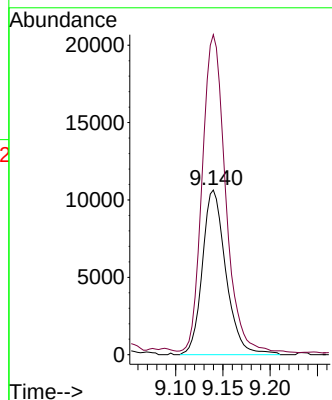
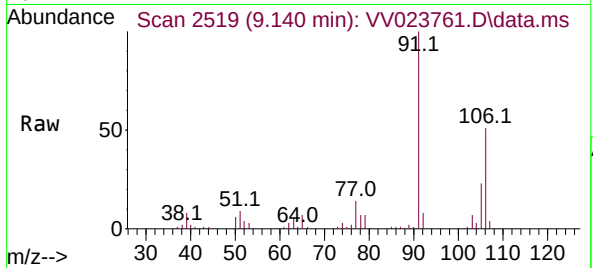




#53
m,p-Xylene
Concen: 2.607 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

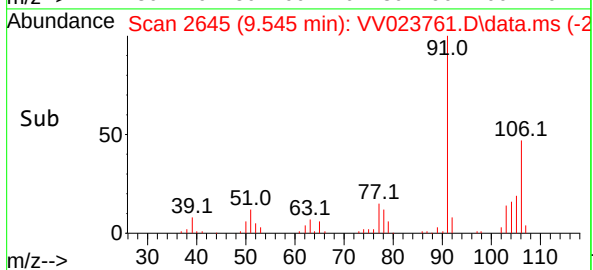
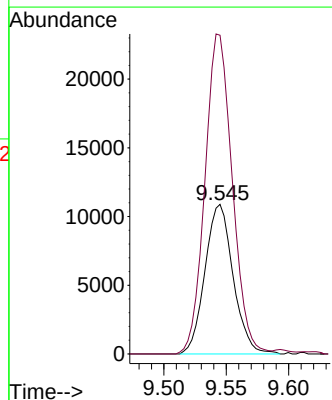
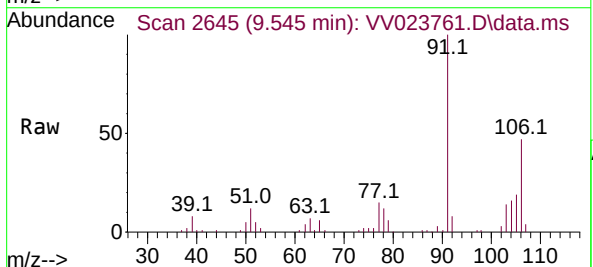
Instrument :
MSVOA_V
ClientSampleId :

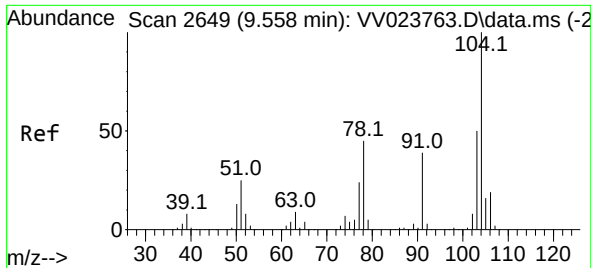
Tgt Ion:106 Resp: 18402
Ion Ratio Lower Upper
106 100
91 194.4 141.7 263.3



#54
o-Xylene
Concen: 2.528 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion:106 Resp: 17116
Ion Ratio Lower Upper
106 100
91 213.2 147.8 274.6

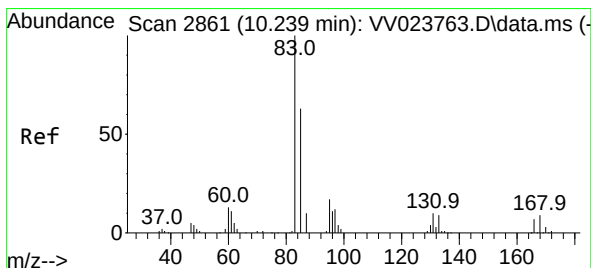
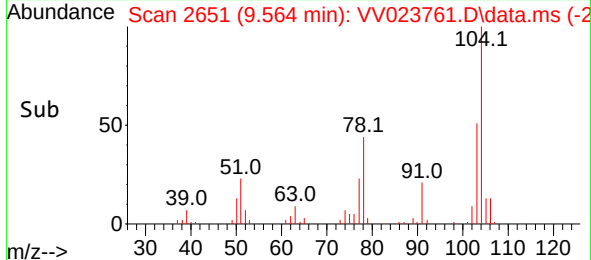
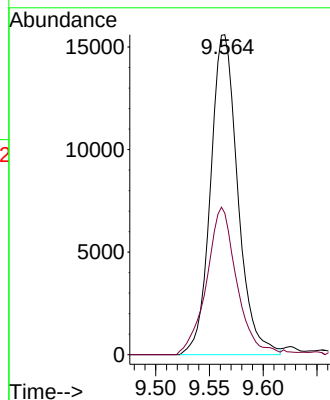
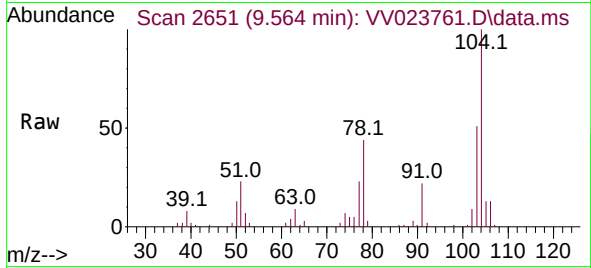




#55
Styrene
Concen: 2.327 ug/L
RT: 9.564 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

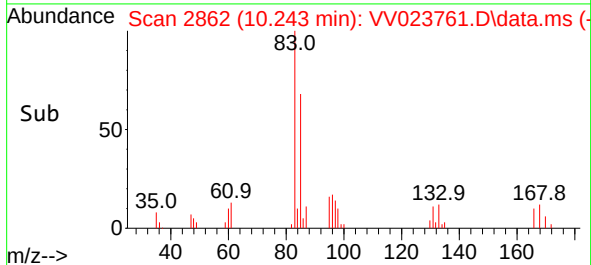
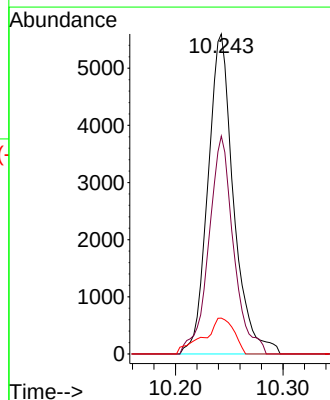
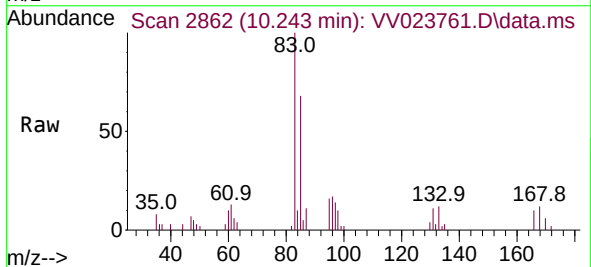
Instrument :
MSVOA_V
ClientSampleId :

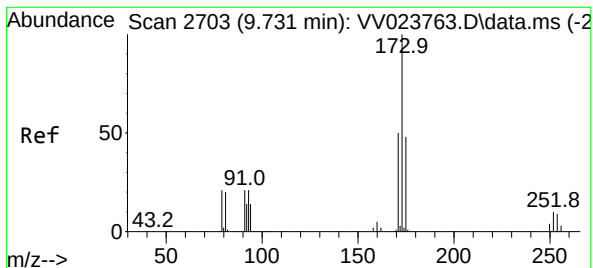
Tgt Ion:104 Resp: 27542
Ion Ratio Lower Upper
104 100
78 44.2 31.2 58.0



#57
1,1,2,2-Tetrachloroethane
Concen: 2.289 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion: 83 Resp: 9280
Ion Ratio Lower Upper
83 100
85 68.1 44.4 82.5
131 11.2 8.4 12.6





#59

Bromoform

Concen: 2.383 ug/L

RT: 9.731 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV023761.D

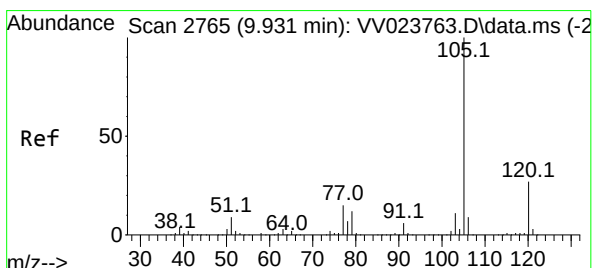
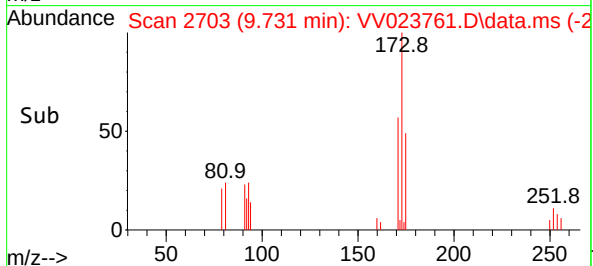
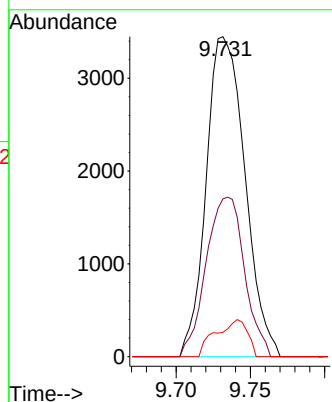
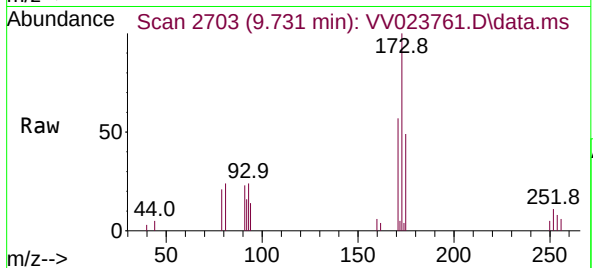
Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	6254
Ion Ratio	Lower	Upper
173	100	
175	49.3	0.0 0.0#
254	5.8	0.0 0.0#



#60

Isopropylbenzene

Concen: 2.436 ug/L

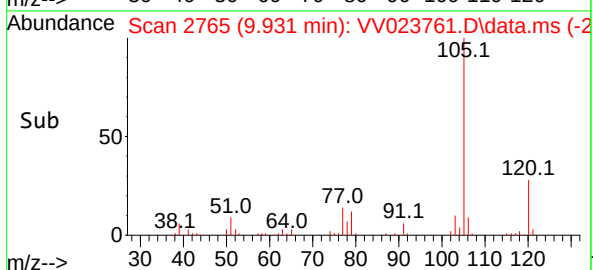
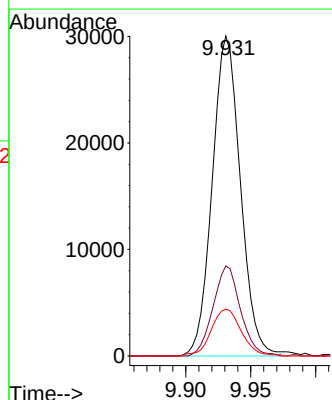
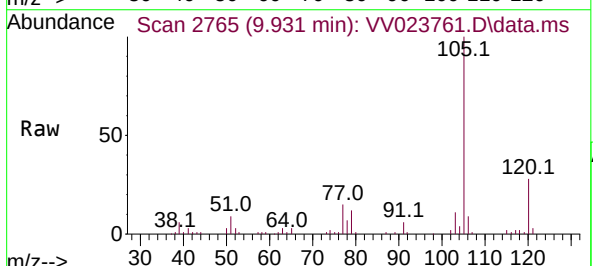
RT: 9.931 min Scan# 2765

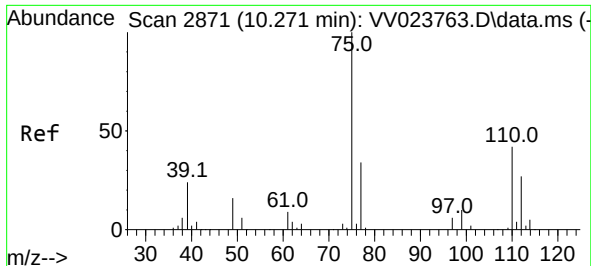
Delta R.T. 0.000 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Tgt Ion:105	Resp:	45246
Ion Ratio	Lower	Upper
105	100	
120	27.3	21.6 32.4
77	15.6	11.9 17.9





#61

1,2,3-Trichloropropane

Concen: 2.131 ug/L

RT: 10.275 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

ClientSampleId :

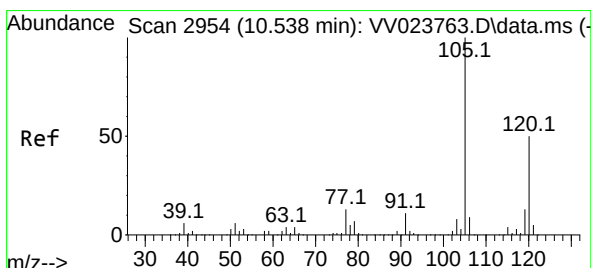
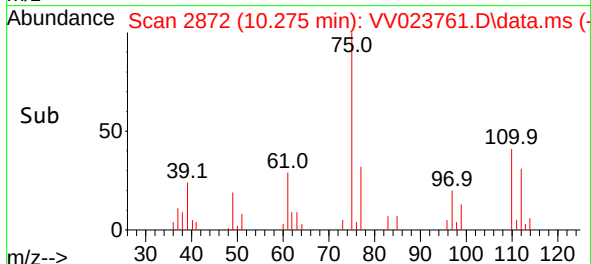
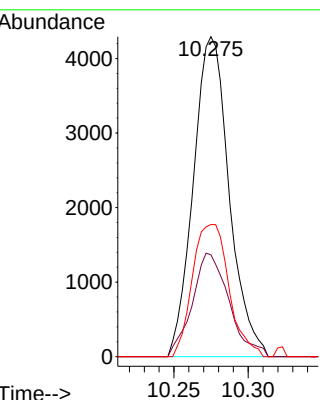
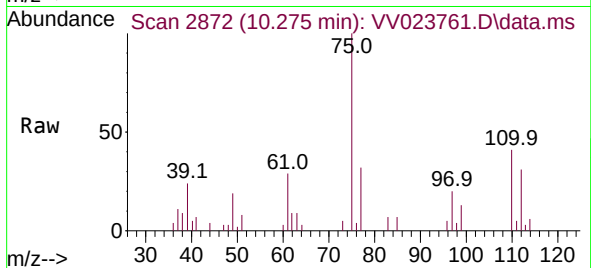
Tgt Ion: 75 Resp: 7192

Ion Ratio Lower Upper

75 100

77 33.1 27.0 40.6

110 42.2 33.7 50.5



#62

1,3,5-Trimethylbenzene

Concen: 2.600 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023761.D

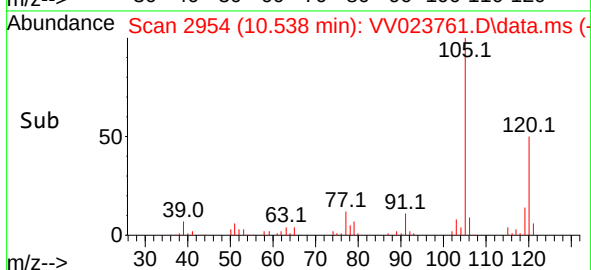
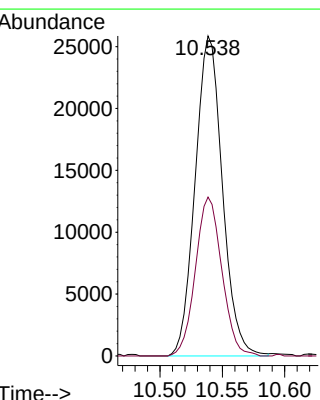
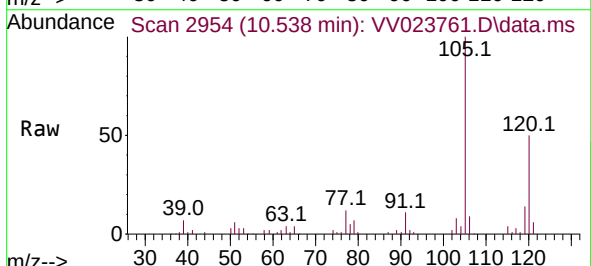
Acq: 01 Dec 2021 19:25

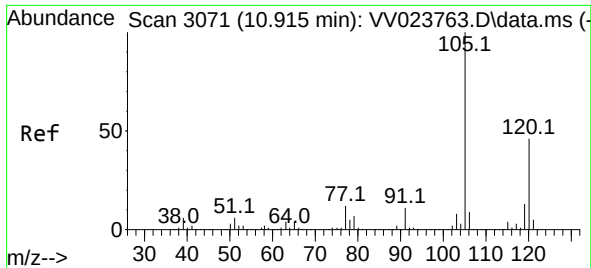
Tgt Ion: 105 Resp: 39361

Ion Ratio Lower Upper

105 100

120 48.1 40.0 60.0

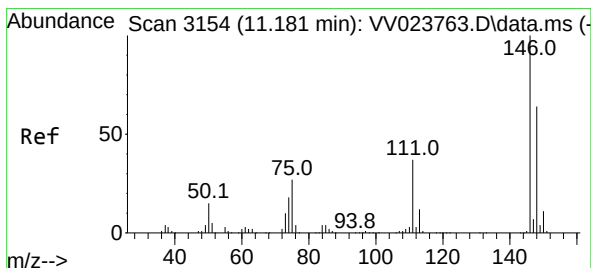
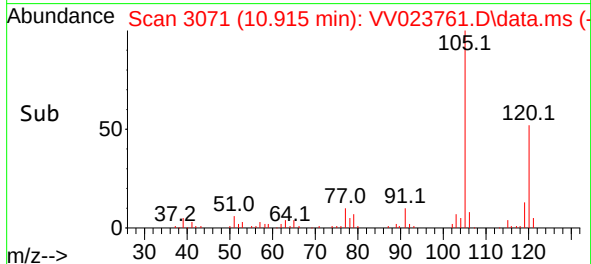
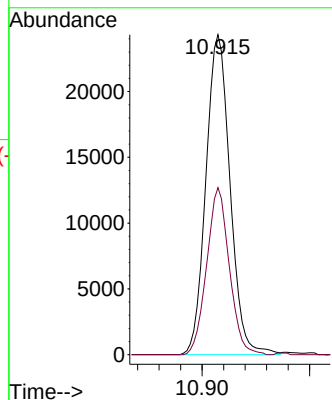
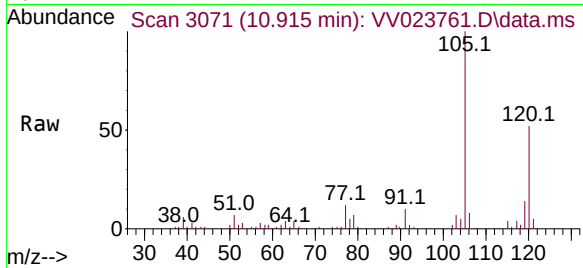




#63
 1,2,4-Trimethylbenzene
 Concen: 2.498 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023761.D
 Acq: 01 Dec 2021 19:25

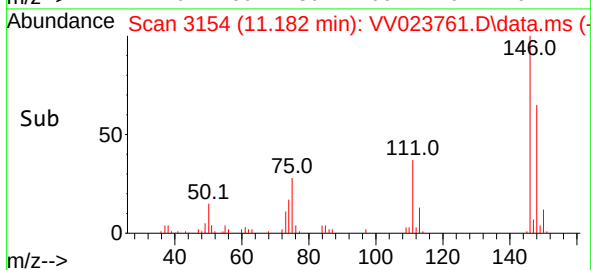
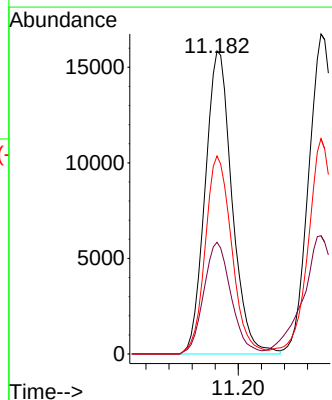
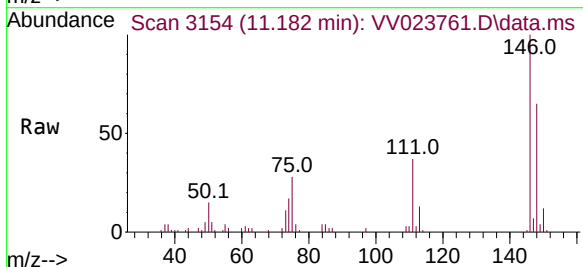
Instrument :
 MSVOA_V
 ClientSampleId :

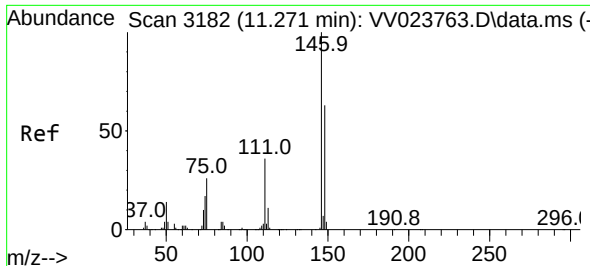
Tgt Ion:105 Resp: 37906
 Ion Ratio Lower Upper
 105 100
 120 48.9 36.7 55.1



#64
 1,3-Dichlorobenzene
 Concen: 2.624 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV023761.D
 Acq: 01 Dec 2021 19:25

Tgt Ion:146 Resp: 25643
 Ion Ratio Lower Upper
 146 100
 111 36.8 26.2 48.8
 148 65.3 44.7 83.1

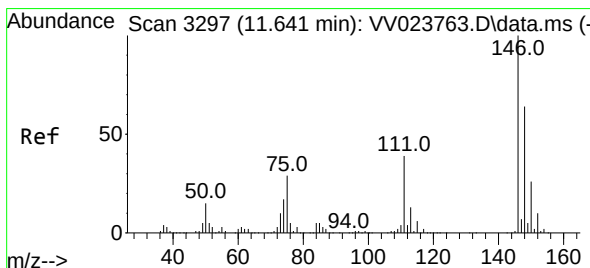
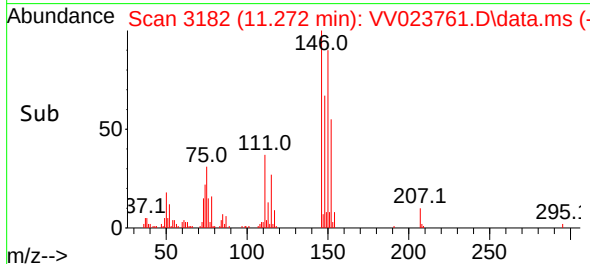
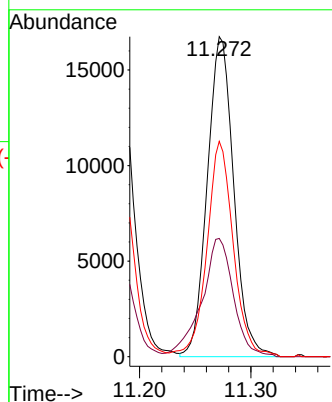
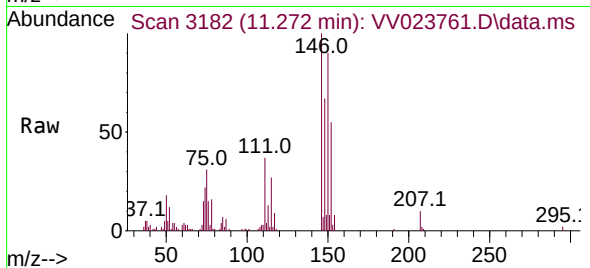




#65
1,4-Dichlorobenzene
Concen: 2.688 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

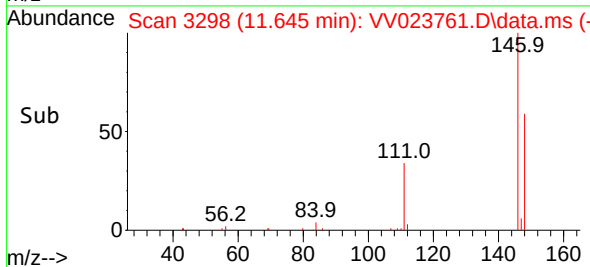
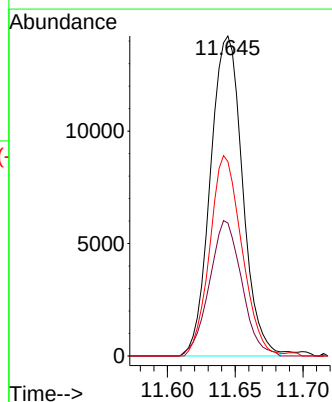
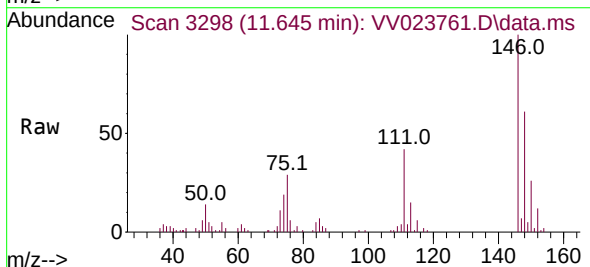
Instrument :
MSVOA_V
ClientSampleId :

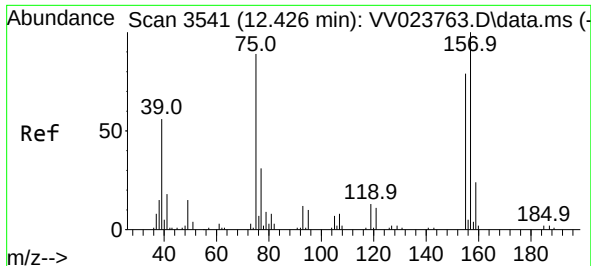
Tgt Ion:146 Resp: 27634
Ion Ratio Lower Upper
146 100
111 36.9 25.4 47.2
148 67.3 43.8 81.4



#67
1,2-Dichlorobenzene
Concen: 2.521 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

Tgt Ion:146 Resp: 23432
Ion Ratio Lower Upper
146 100
111 41.5 31.4 47.0
148 60.7 51.1 76.7

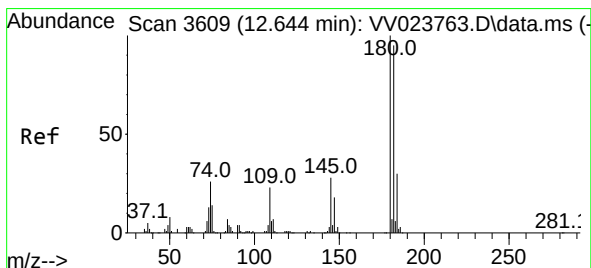
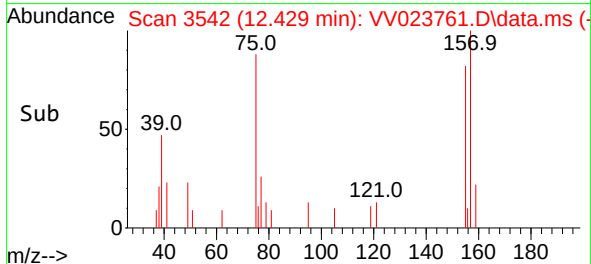
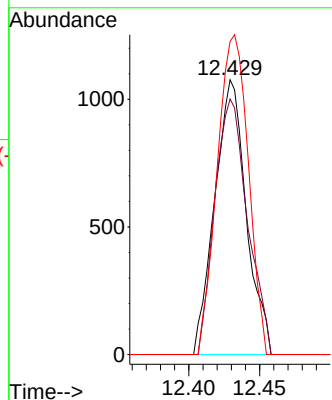
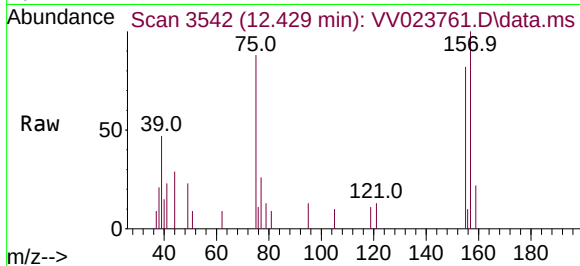




#68
1,2-Dibromo-3-chloropropane
Concen: 2.228 ug/L
RT: 12.429 min Scan# 3541
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

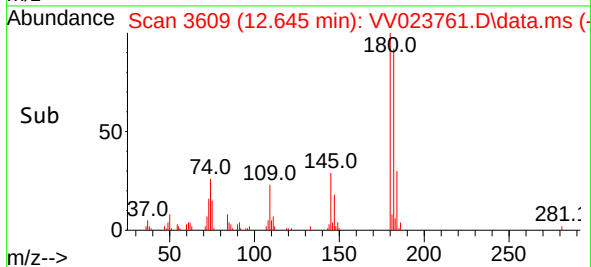
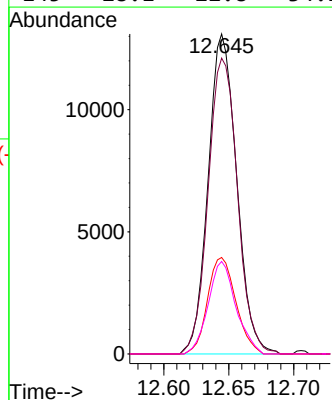
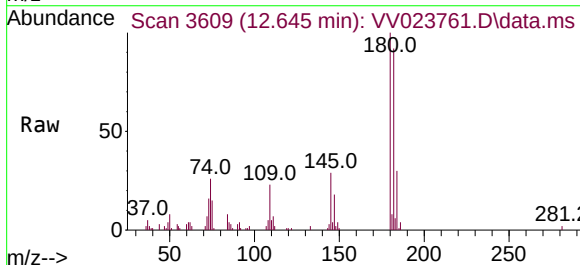
Instrument :
MSVOA_V
ClientSampleId :

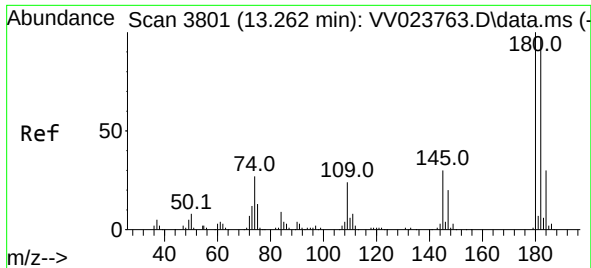
Tgt Ion: 75 Resp: 1666
Ion Ratio Lower Upper
75 100
155 93.0 71.0 106.4
157 114.0 90.1 135.1



#69
1,3,5-Trichlorobenzene
Concen: 2.543 ug/L
RT: 12.645 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

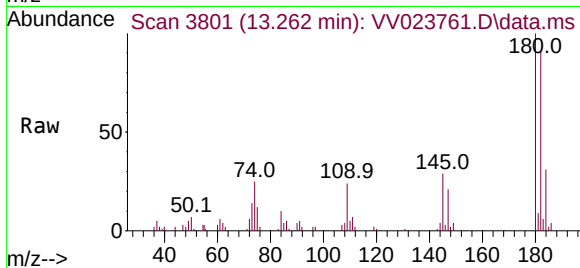
Tgt Ion: 180 Resp: 19976
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
184 29.9 23.8 35.8
145 28.1 22.8 34.2



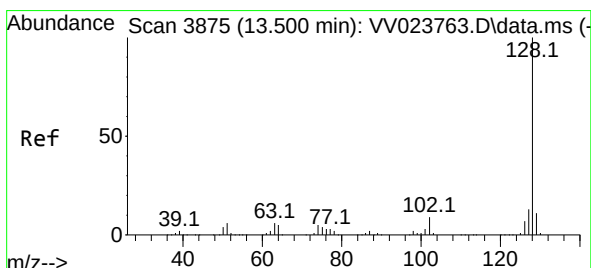
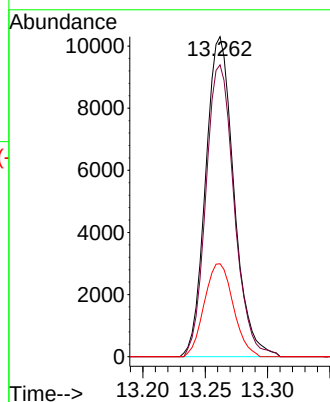
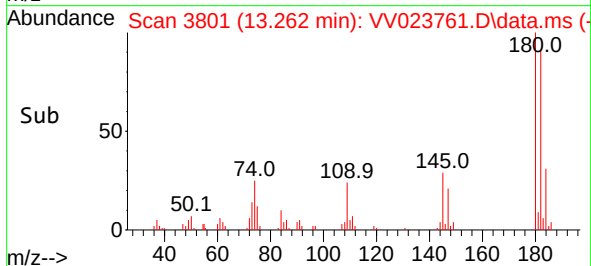


#70
1,2,4-trichlorobenzene
Concen: 2.438 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25

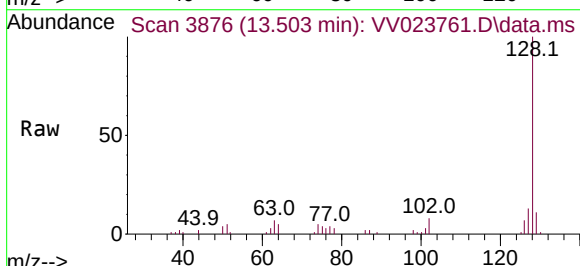
Instrument :
MSVOA_V
ClientSampleId :



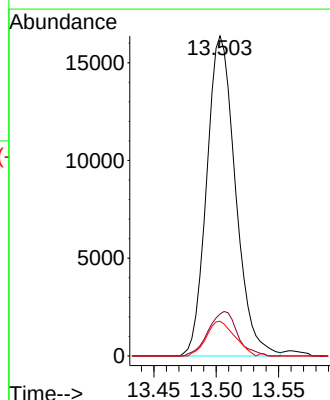
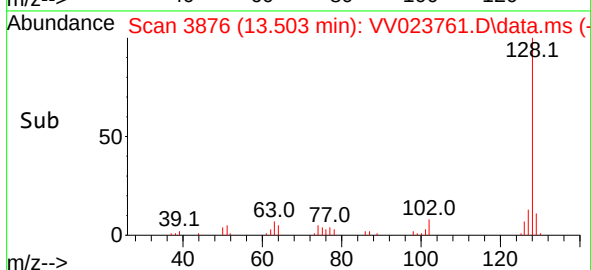
Tgt Ion:180 Resp: 16275
Ion Ratio Lower Upper
180 100
182 91.2 77.0 115.4
145 29.7 24.3 36.5

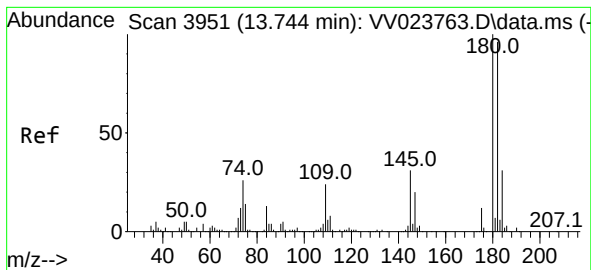


#71
Naphthalene
Concen: 2.057 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV023761.D
Acq: 01 Dec 2021 19:25



Tgt Ion:128 Resp: 26262
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 10.7 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 2.252 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

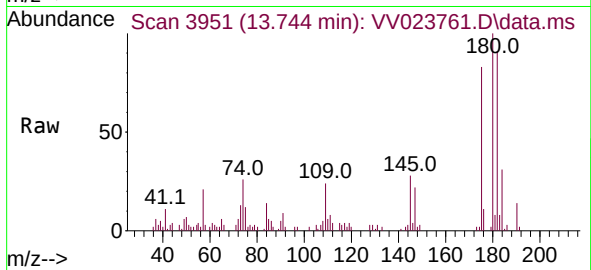
Lab File: VV023761.D

Acq: 01 Dec 2021 19:25

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 14382

Ion Ratio Lower Upper

180 100

182 96.1 76.2 114.2

145 29.7 25.6 38.4

