

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023663.D
 Acq On : 23 Nov 2021 11:33
 Operator : SY/MD
 Sample : VSTD0.553
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 03:42:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	134033	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	135860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	6036	0.710	ug/L	0.00
7) Chloroethane-d5	1.568	69	4901	0.716	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	9789	0.612	ug/L	0.00
20) 2-Butanone-d5	3.966	46	2005	1.442	ug/L	0.06
24) Chloroform-d	4.349	84	9790	0.562	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	4870	0.618	ug/L	0.00
32) Benzene-d6	5.053	84	17902	0.525	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	5008	0.503	ug/L	0.00
41) Toluene-d8	7.317	98	14807	0.461	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	1653	0.432	ug/L	0.01
46) 2-Hexanone-d5	8.101	63	4204	3.066	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3636	0.509	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5903	0.551	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	5724	0.439	ug/L	97
3) Chloromethane	1.240	50	5204	0.467	ug/L	96
5) Vinyl chloride	1.311	62	5531	0.492	ug/L	95
6) Bromomethane	1.523	94	2851	0.409	ug/L	97
8) Chloroethane	1.584	64	3883	0.592	ug/L	99
9) Trichlorofluoromethane	1.751	101	8793	0.511	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	4157	0.481	ug/L	95
12) 1,1-Dichloroethene	2.118	96	3928	0.475	ug/L	85
13) Acetone	2.201	43	1483	1.560	ug/L	82
14) Carbon disulfide	2.291	76	13550	0.446	ug/L	99
15) Methyl Acetate	2.449	43	847	0.329	ug/L	91
16) Methylene chloride	2.503	84	9353	0.792	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	7304	0.408	ug/L #	92
18) trans-1,2-Dichloroethene	2.761	96	4843	0.487	ug/L	99
19) 1,1-Dichloroethane	3.188	63	7827	0.466	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	3885	0.404	ug/L	98
23) Bromochloromethane	4.265	128	1903	0.430	ug/L #	67
25) Chloroform	4.372	83	9009	0.497	ug/L	97
27) 1,2-Dichloroethane	5.140	62	4278	0.442	ug/L #	90
29) 1,1,1-Trichloroethane	4.603	97	7813	0.461	ug/L #	84
30) Cyclohexane	4.674	56	5884	0.392	ug/L	93
31) Carbon tetrachloride	4.828	117	6918	0.452	ug/L	98
33) Benzene	5.101	78	15701	0.408	ug/L	100
34) Trichloroethene	5.915	95	4508	0.437	ug/L	98
35) Methylcyclohexane	6.124	83	6619	0.407	ug/L	94
37) 1,2-Dichloropropane	6.175	63	4006	0.447	ug/L #	93
38) Bromodichloromethane	6.510	83	5151	0.422	ug/L	96
39) cis-1,3-Dichloropropene	7.031	75	4886	0.376	ug/L	96
40) 4-Methyl-2-pentanone	7.233	43	12855	3.028	ug/L	100
42) Toluene	7.391	91	14594	0.352	ug/L	99
44) trans-1,3-Dichloropropene	7.658	75	4052	0.377	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	2281	0.349	ug/L	93

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

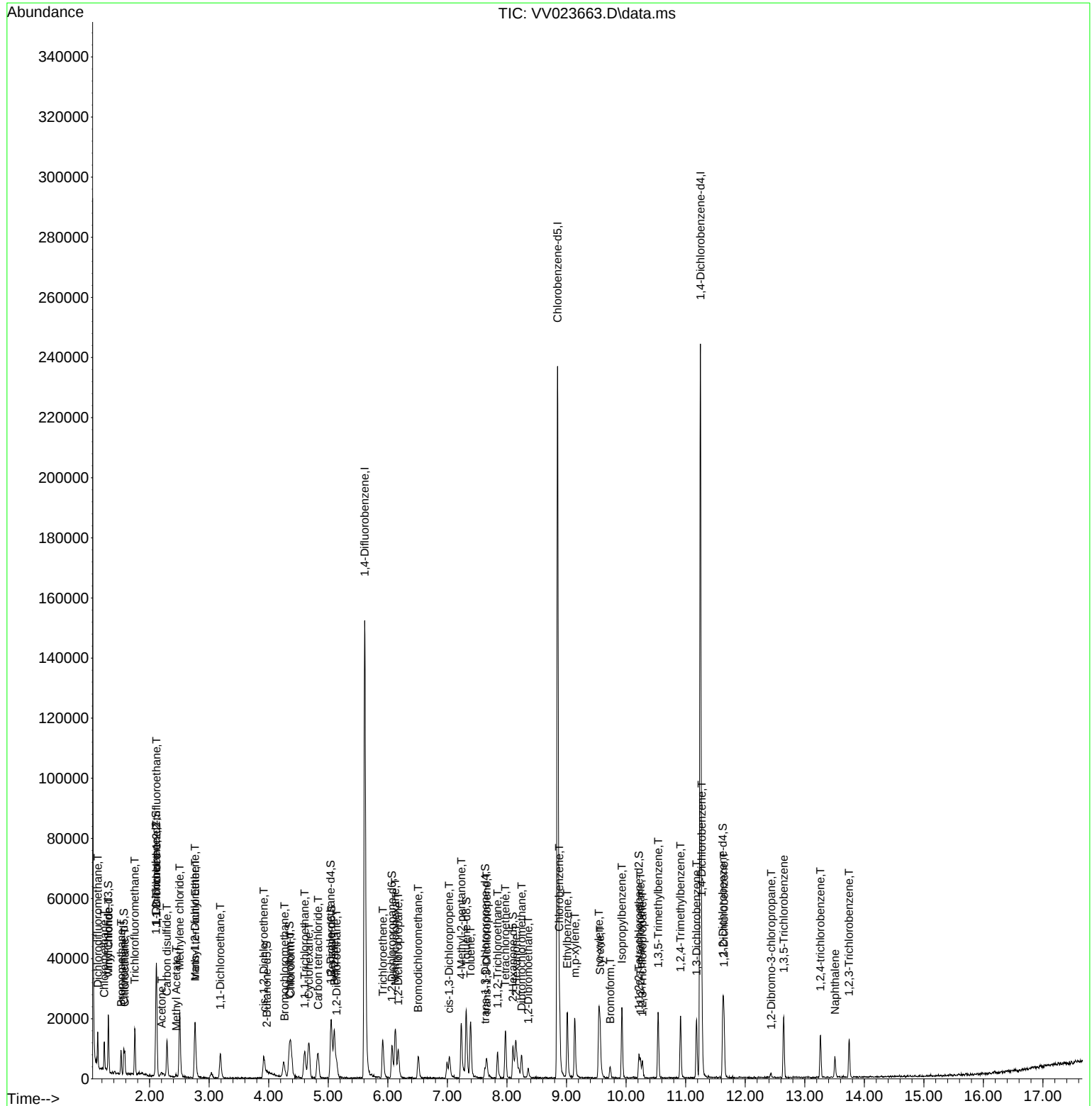
Quant Time: Nov 24 03:42:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
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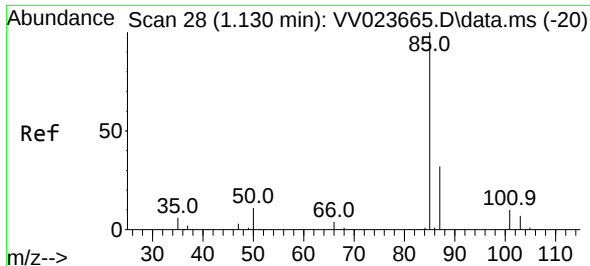
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.976	164	3767	0.418	ug/L	92
48) 2-Hexanone	8.149	43	9358	3.169	ug/L #	88
49) Dibromochloromethane	8.246	129	3396	0.407	ug/L	93
50) 1,2-Dibromoethane	8.358	107	2486	0.413	ug/L #	96
51) Chlorobenzene	8.879	112	11280	0.409	ug/L	97
52) Ethylbenzene	9.011	91	15510	0.354	ug/L	99
53) m,p-xylene	9.143	106	5971	0.345	ug/L	97
54) o-xylene	9.545	106	5873	0.363	ug/L	92
55) Styrene	9.564	104	9032	0.325	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	2697	0.379	ug/L	95
59) Bromoform	9.738	173	2042	0.503	ug/L #	97
60) Isopropylbenzene	9.931	105	15006	0.388	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	2146	0.483	ug/L	93
62) 1,3,5-Trimethylbenzene	10.538	105	11885	0.370	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	11438	0.358	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	8357	0.425	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	8724	0.435	ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	7774	0.439	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.439	75	371	0.394	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	6463	0.417	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	4860	0.394	ug/L	98
71) Naphthalene	13.509	128	5815	0.326	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	3876	0.360	ug/L	97

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

Instrument :
MSVOA_V
ClientSampleId :

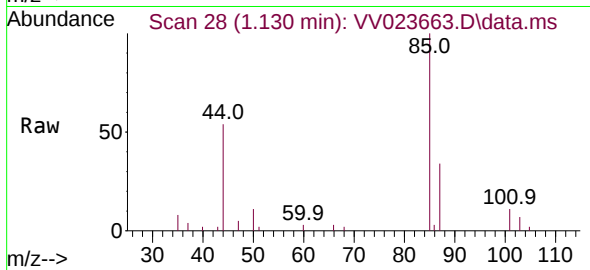
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MSVOA_V
ClientSampleId :



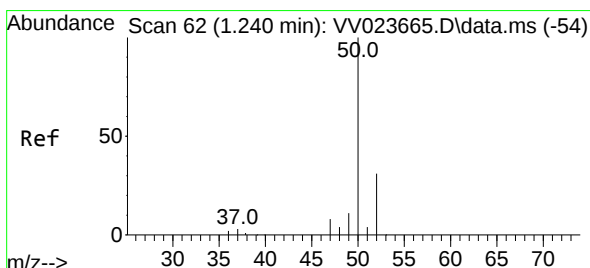
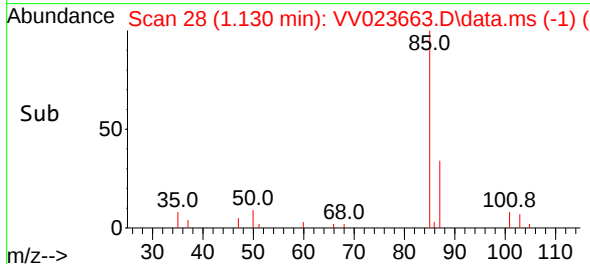
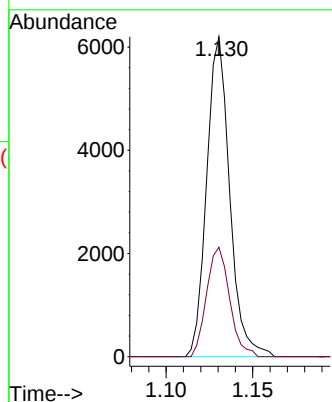


#2
 Dichlorodifluoromethane
 Concen: 0.439 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023663.D
 Acq: 23 Nov 2021 11:33

Instrument :
 MSVOA_V
 ClientSampleId :

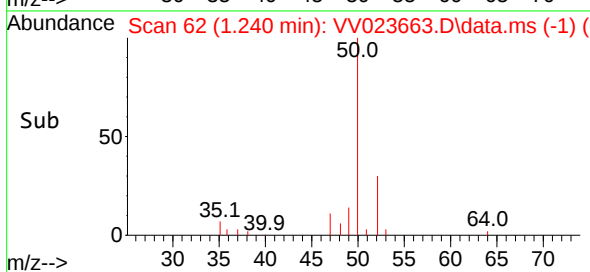
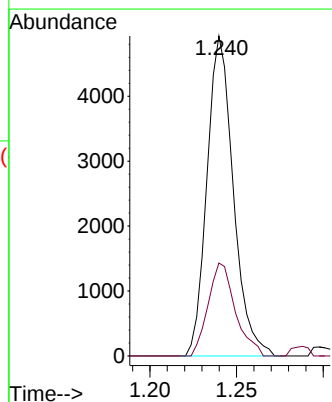
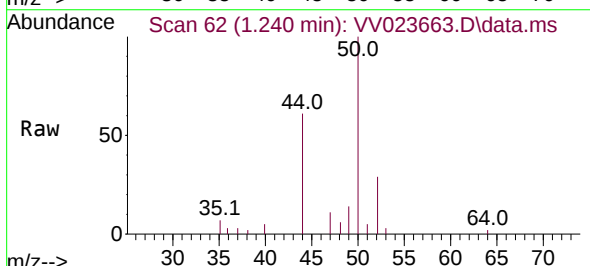


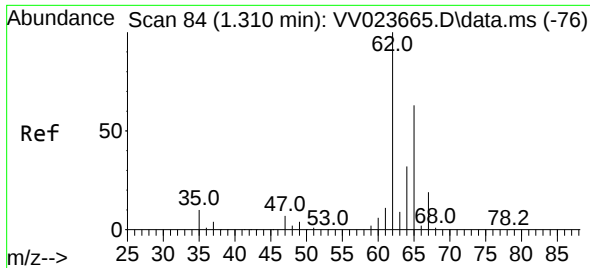
Tgt Ion: 85 Resp: 5724
 Ion Ratio Lower Upper
 85 100
 87 34.2 26.0 39.0



#3
 Chloromethane
 Concen: 0.467 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023663.D
 Acq: 23 Nov 2021 11:33

Tgt Ion: 50 Resp: 5204
 Ion Ratio Lower Upper
 50 100
 52 29.1 22.0 41.0

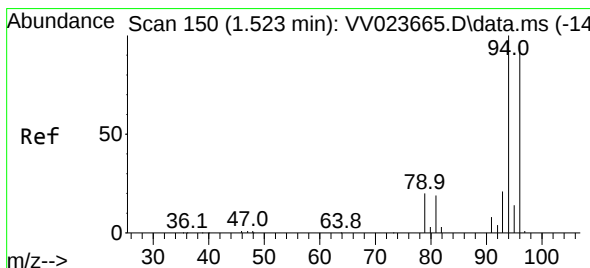
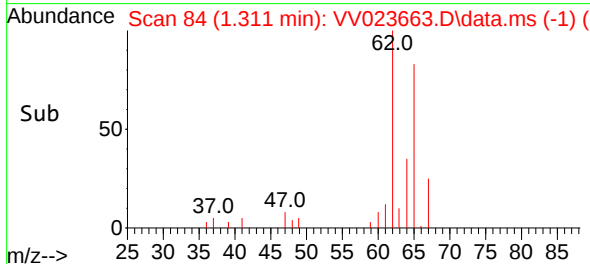
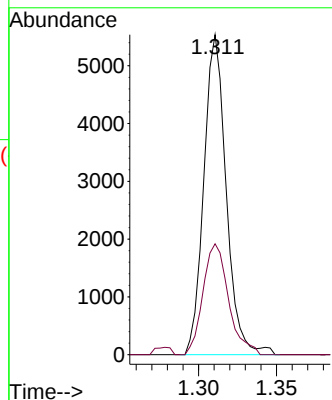
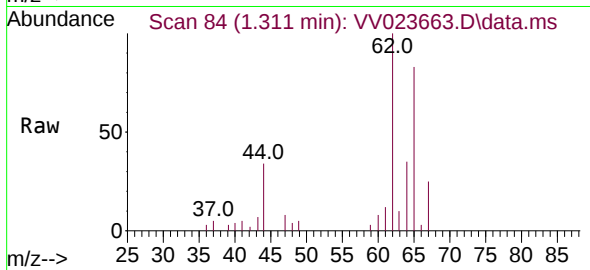




#5
 Vinyl chloride
 Concen: 0.492 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023663.D
 Acq: 23 Nov 2021 11:33

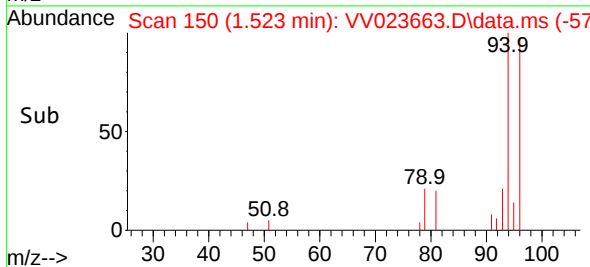
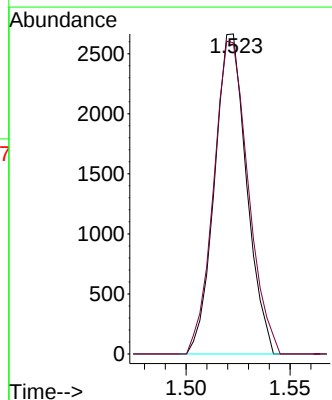
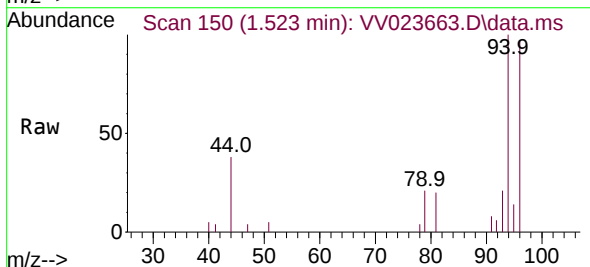
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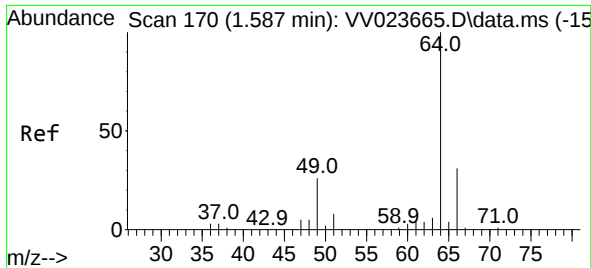
Tgt Ion: 62 Resp: 5531
 Ion Ratio Lower Upper
 62 100
 64 34.7 22.4 41.6



#6
 Bromomethane
 Concen: 0.409 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023663.D
 Acq: 23 Nov 2021 11:33

Tgt Ion: 94 Resp: 2851
 Ion Ratio Lower Upper
 94 100
 96 97.3 66.2 123.0

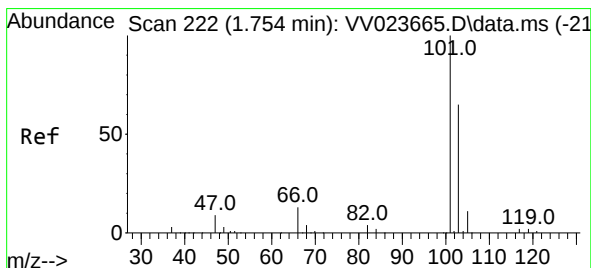
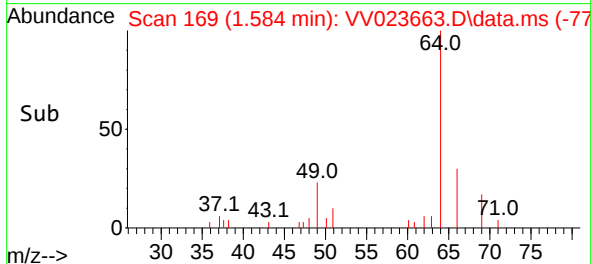
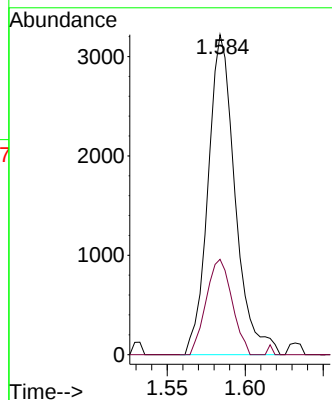
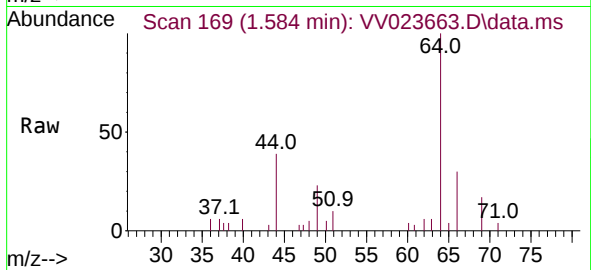




#8
Chloroethane
Concen: 0.592 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

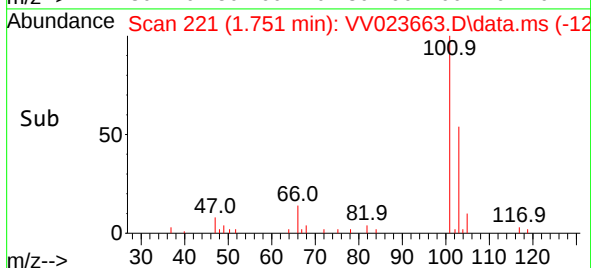
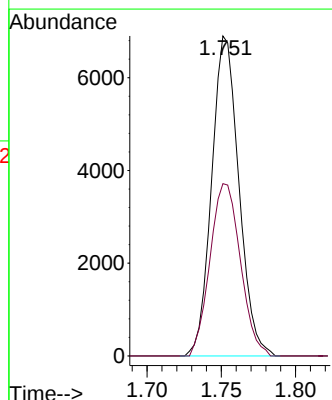
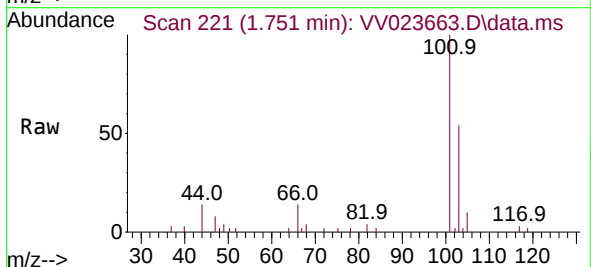
Instrument :
MSVOA_V
ClientSampleId :

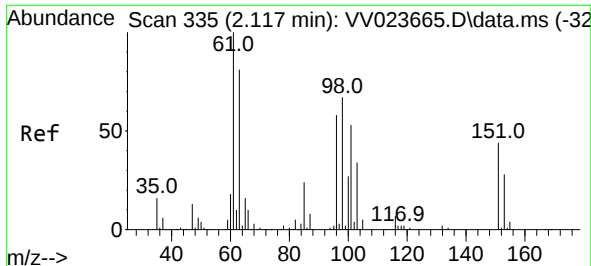
Tgt Ion: 64 Resp: 3883
Ion Ratio Lower Upper
64 100
66 29.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.511 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion:101 Resp: 8793
Ion Ratio Lower Upper
101 100
103 60.1 51.6 77.4





#10

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

Concen: 0.481 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

ClientSampleId :

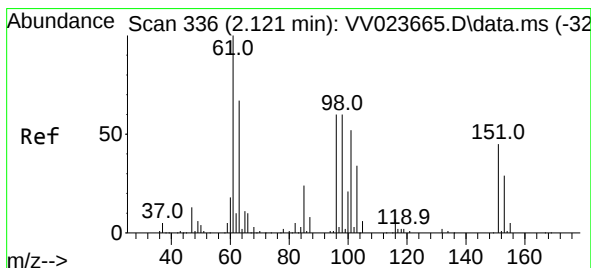
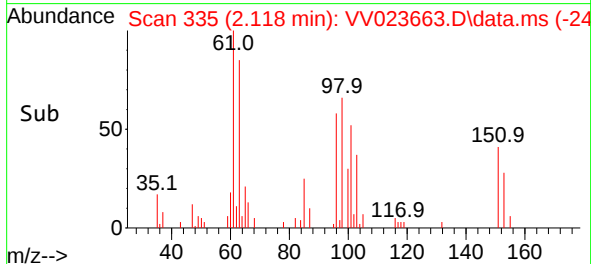
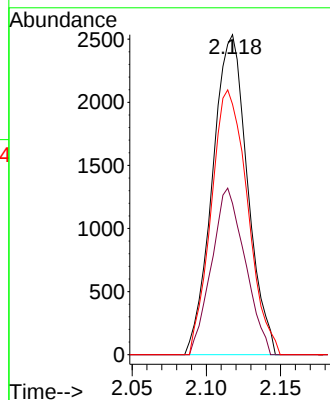
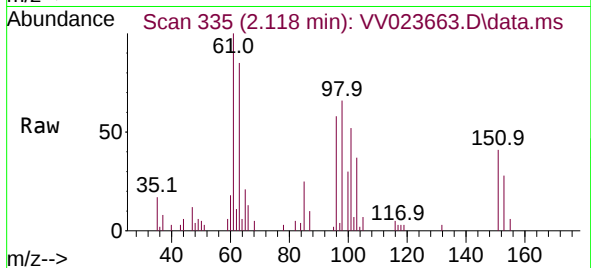
Tgt Ion:101 Resp: 4157

Ion Ratio Lower Upper

101 100

85 49.8 36.0 54.0

151 85.9 66.4 99.6



#12

1,1-Dichloroethene

Concen: 0.475 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

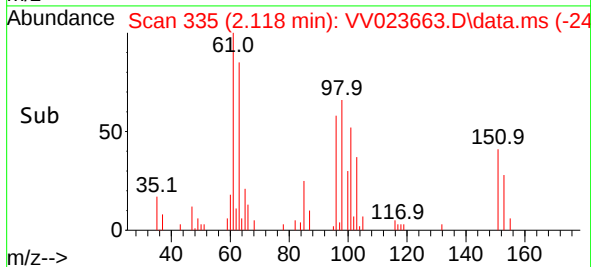
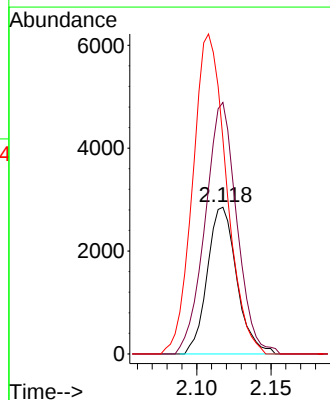
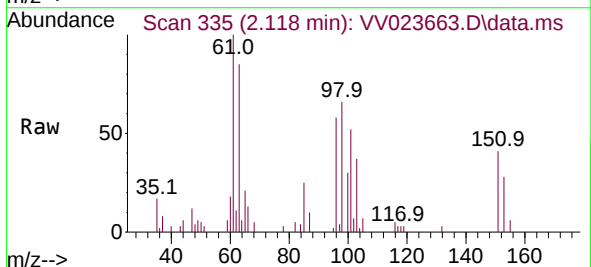
Tgt Ion: 96 Resp: 3928

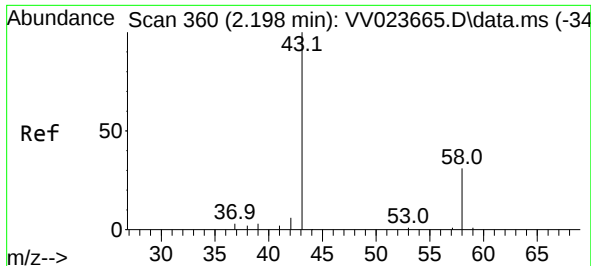
Ion Ratio Lower Upper

96 100

61 171.5 116.1 215.5

63 146.5 79.4 147.4





#13

Acetone

Concen: 1.560 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

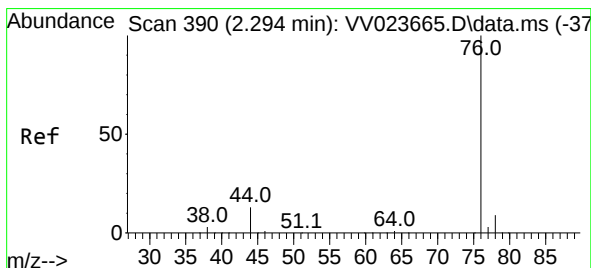
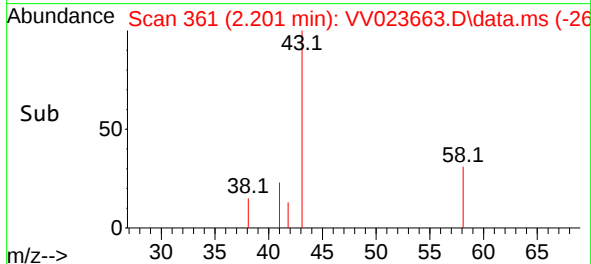
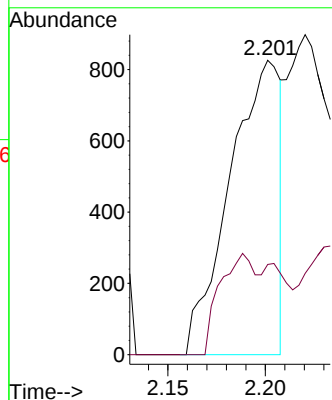
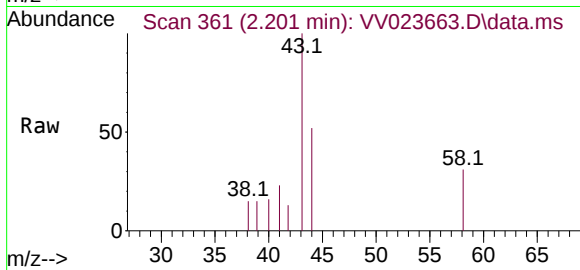
ClientSampleId :

Tgt Ion: 43 Resp: 1483

Ion Ratio Lower Upper

43 100

58 12.5 0.0 41.4



#14

Carbon disulfide

Concen: 0.446 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023663.D

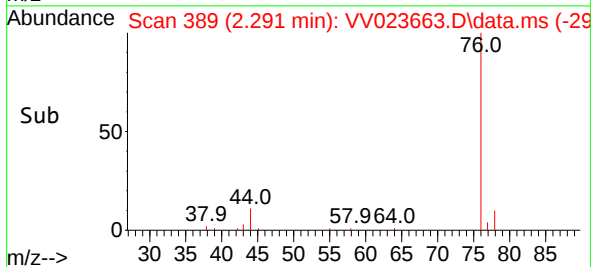
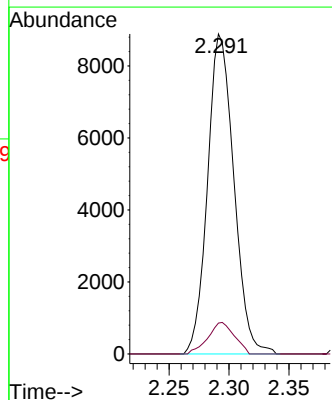
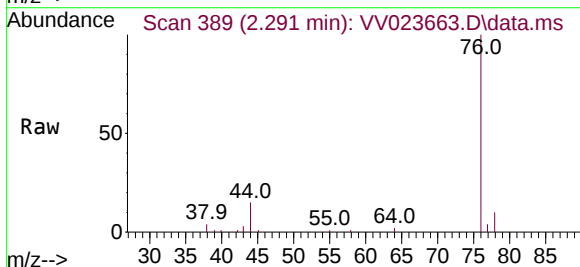
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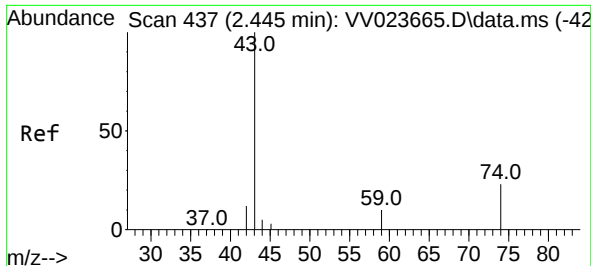
Tgt Ion: 76 Resp: 13550

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

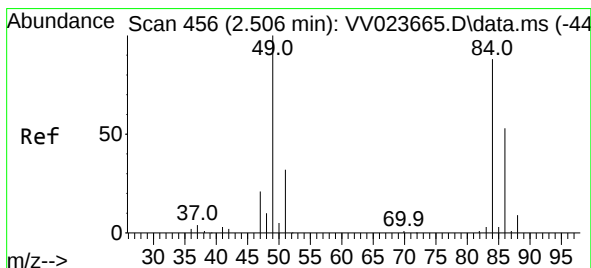
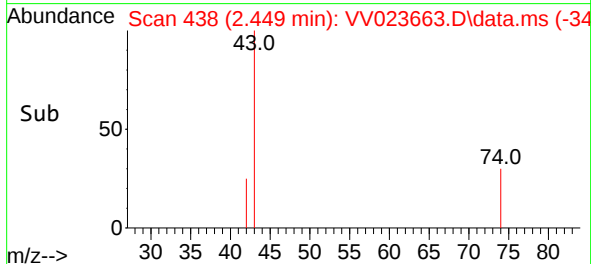
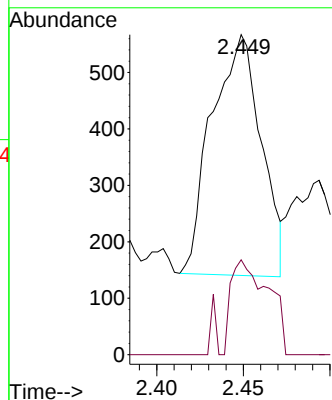
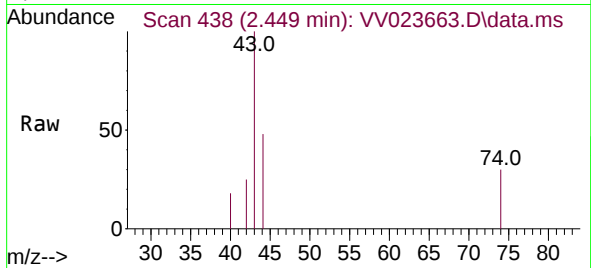




#15
Methyl Acetate
Concen: 0.329 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

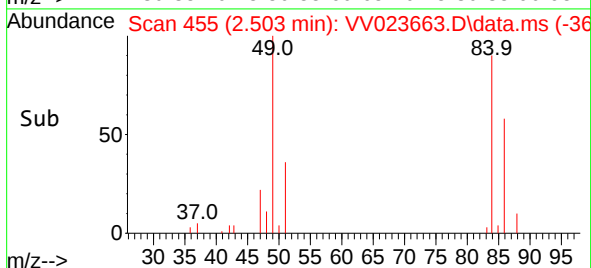
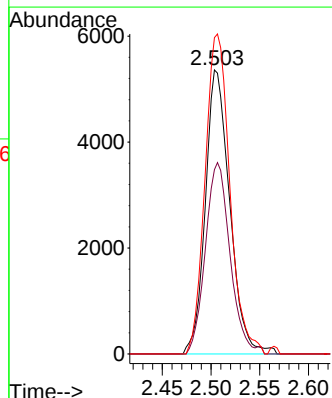
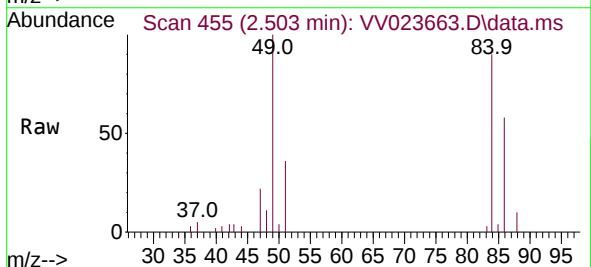
Instrument :
MSVOA_V
ClientSampleId :

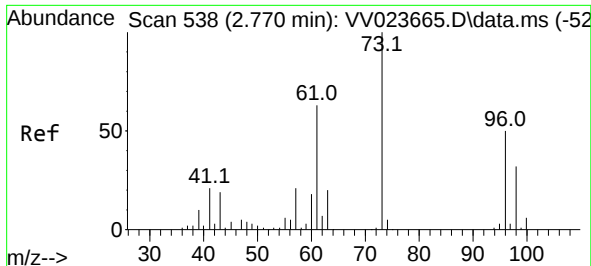
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
74 29.9 20.2 30.2



#16
Methylene chloride
Concen: 0.792 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

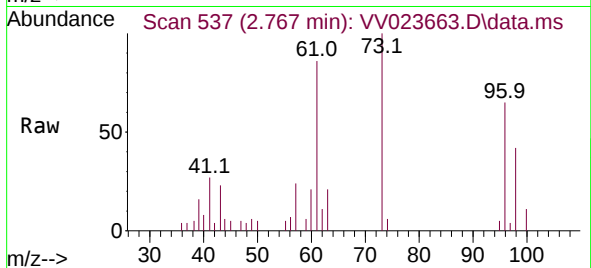
Tgt Ion: 84 Resp: 9353
Ion Ratio Lower Upper
84 100
86 64.9 42.6 79.0
49 111.3 79.7 147.9



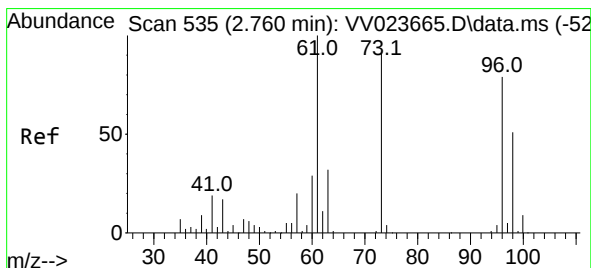
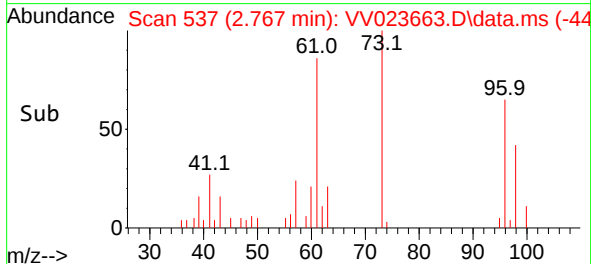
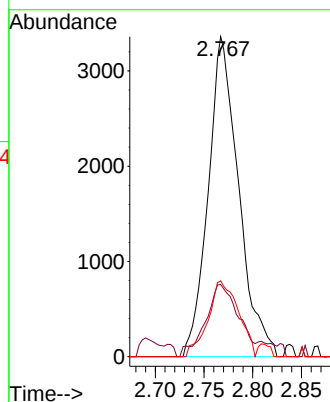


#17
Methyl tert-butyl Ether
Concen: 0.408 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Instrument :
MSVOA_V
ClientSampleId :

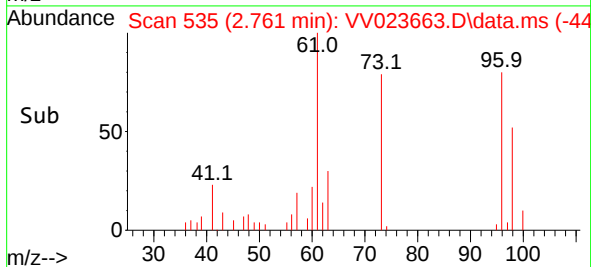
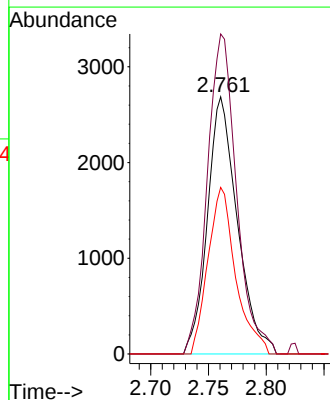
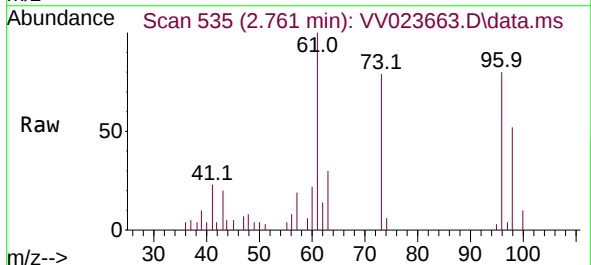


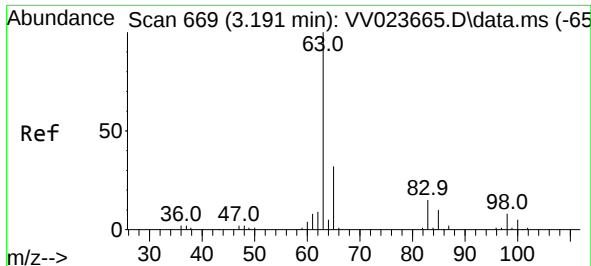
Tgt Ion: 73	Resp: 7304
Ion Ratio	Lower Upper
73 100	
43 24.3	15.5 23.3#
57 23.7	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.487 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion: 96	Resp: 4843		
Ion Ratio	Lower	Upper	
96 100			
61 124.5	88.2	163.8	
98 64.8	44.9	83.5	





#19

1,1-Dichloroethane

Concen: 0.466 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

ClientSampleId :

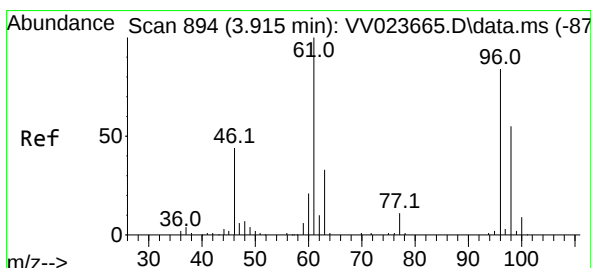
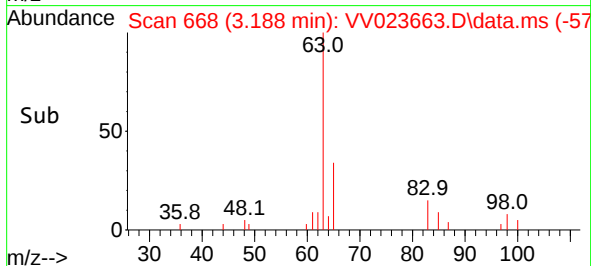
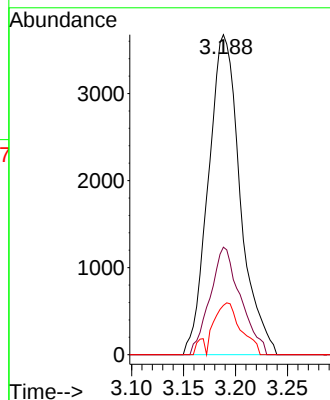
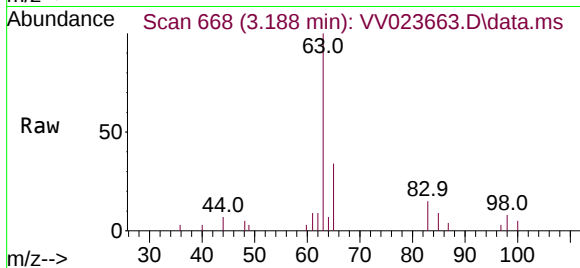
Tgt Ion: 63 Resp: 7827

Ion Ratio Lower Upper

63 100

65 33.6 22.3 41.3

83 15.4 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 0.404 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.000 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

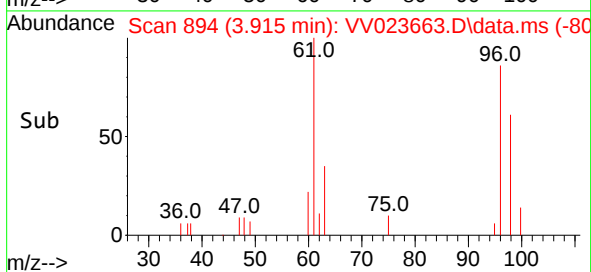
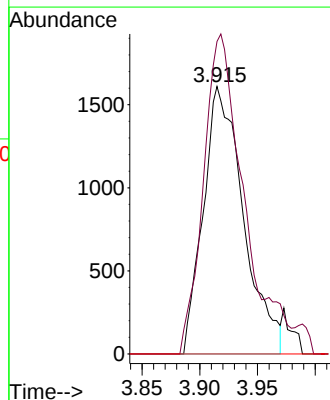
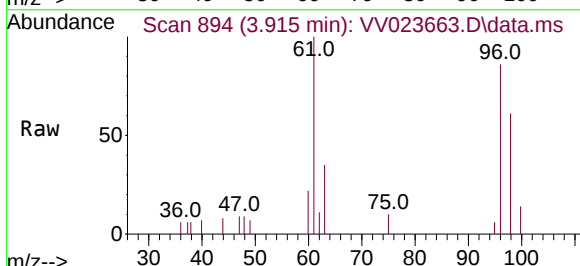
Tgt Ion: 96 Resp: 3885

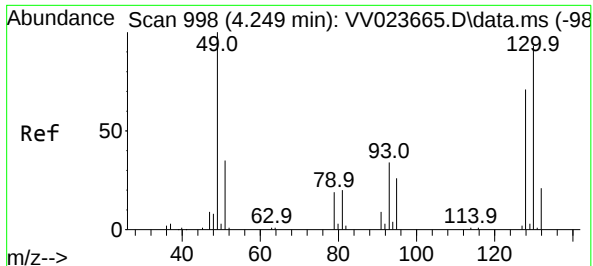
Ion Ratio Lower Upper

96 100

61 116.8 83.4 154.8

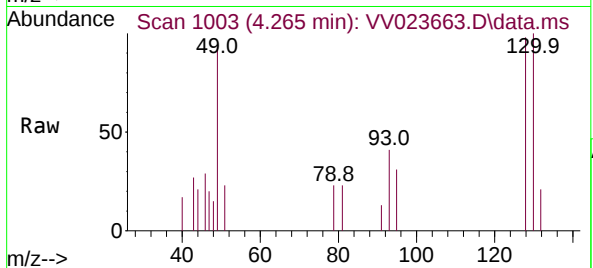
68 0.0 0.0 0.0



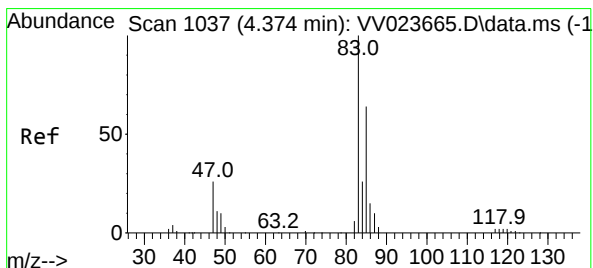
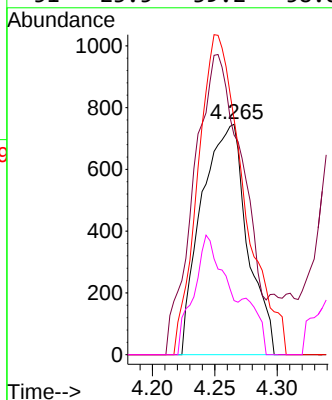
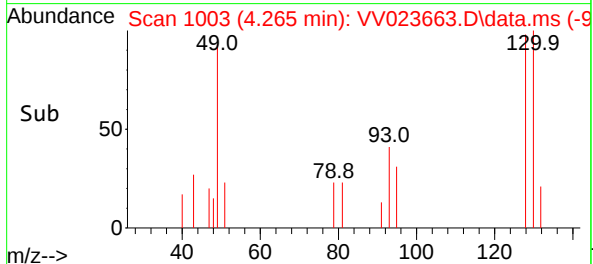


#23
Bromochloromethane
Concen: 0.430 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. 0.016 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Instrument :
MSVOA_V
ClientSampleId :

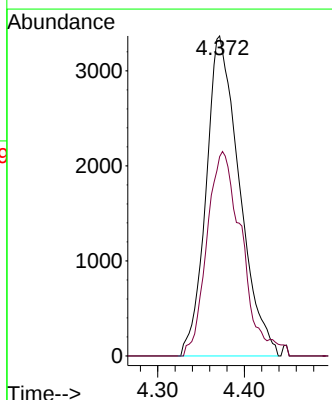
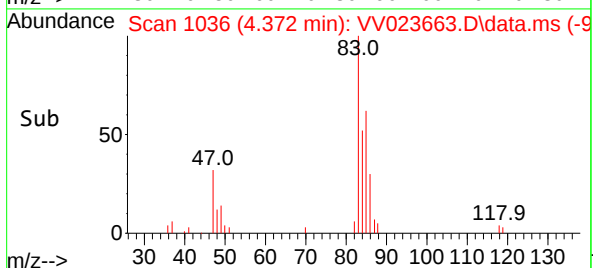
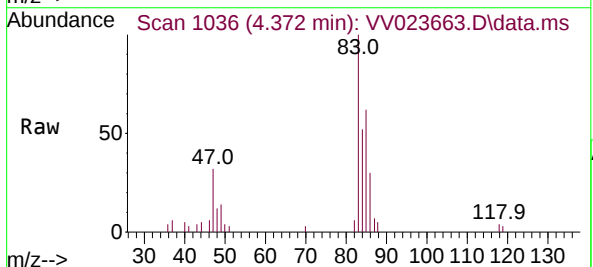


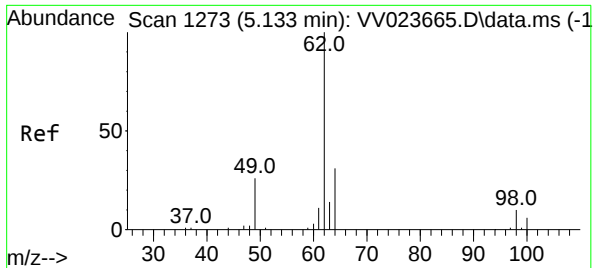
Tgt Ion:128 Resp: 1903
Ion Ratio Lower Upper
128 100
49 95.3 100.2 186.2#
130 102.3 92.5 171.7
51 23.5 39.2 58.8#



#25
Chloroform
Concen: 0.497 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion: 83 Resp: 9009
Ion Ratio Lower Upper
83 100
85 62.3 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.442 ug/L

RT: 5.140 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

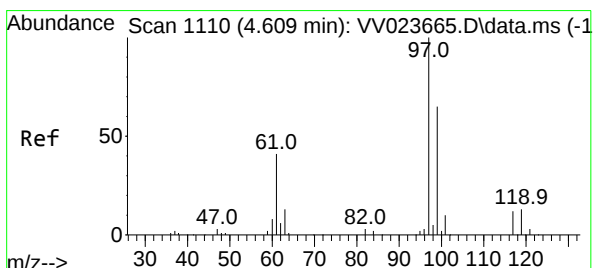
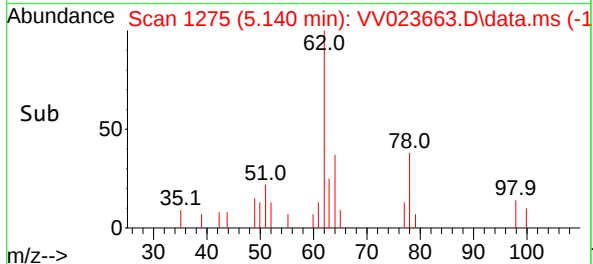
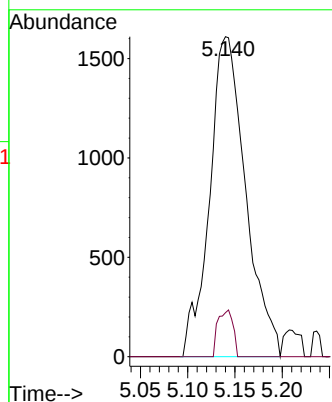
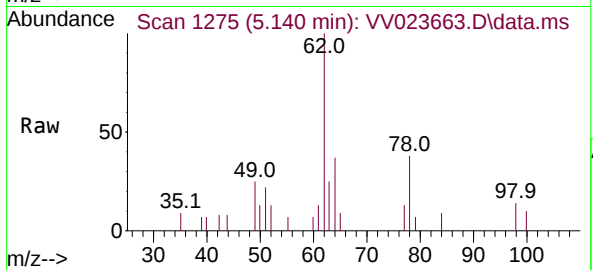
ClientSampleId :

Tgt Ion: 62 Resp: 4278

Ion Ratio Lower Upper

62 100

98 13.8 8.1 12.1#



#29

1,1,1-Trichloroethane

Concen: 0.461 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

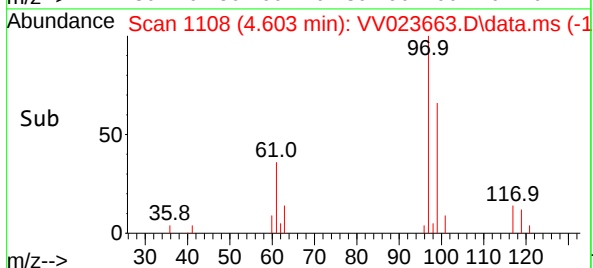
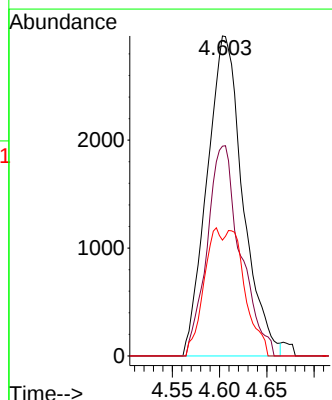
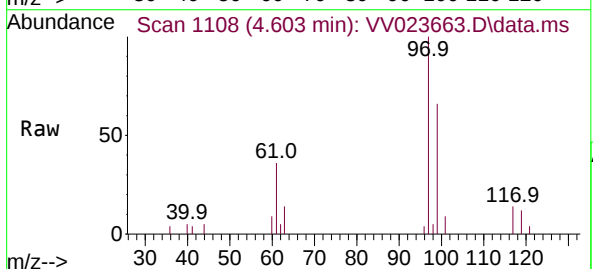
Tgt Ion: 97 Resp: 7813

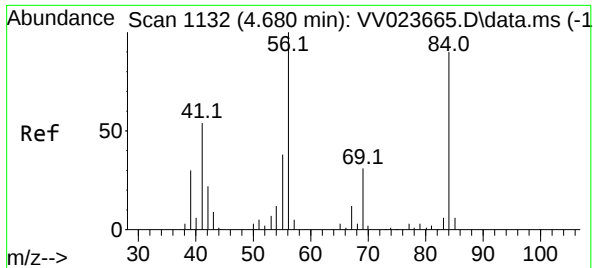
Ion Ratio Lower Upper

97 100

99 61.1 51.9 77.9

61 21.0 33.2 49.8#

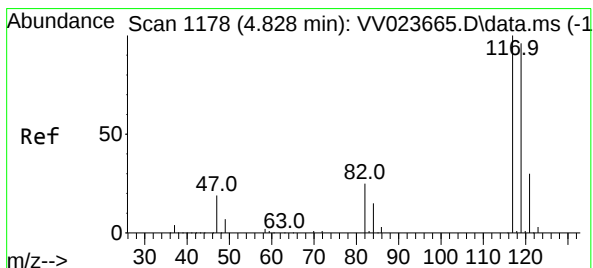
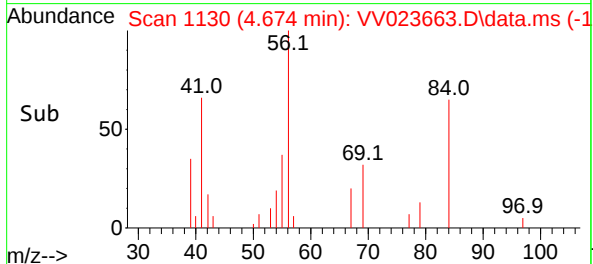
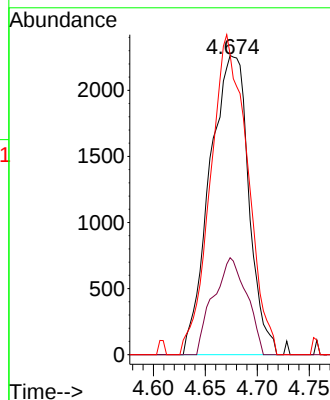
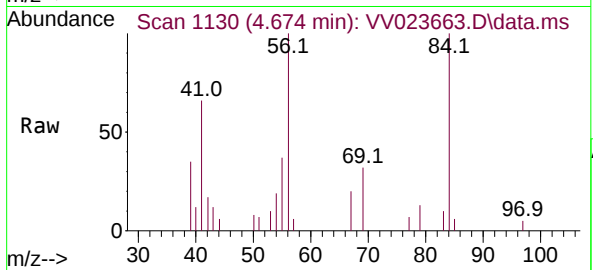




#30
Cyclohexane
Concen: 0.392 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

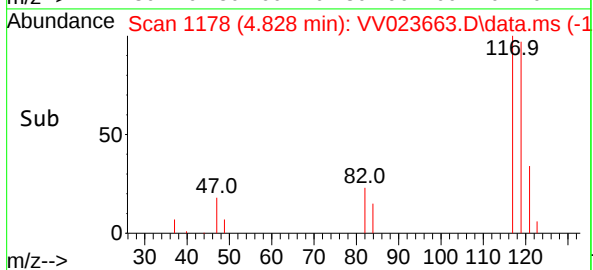
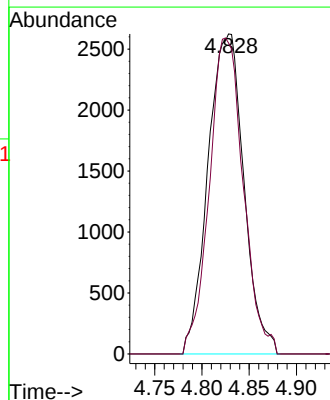
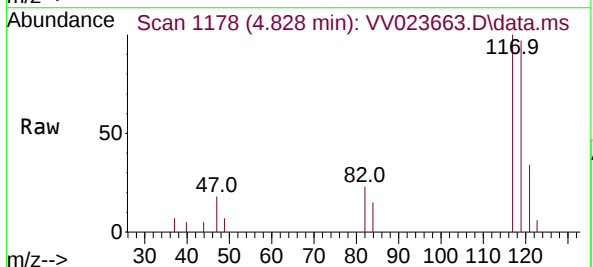
Instrument :
MSVOA_V
ClientSampleId :

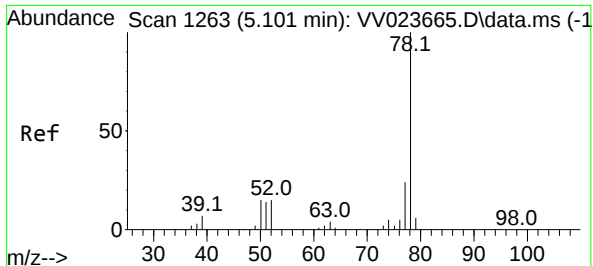
Tgt Ion: 56	Resp: 5884
Ion Ratio	Lower Upper
56	100
69	27.8 24.8 37.2
84	101.6 75.9 113.9



#31
Carbon tetrachloride
Concen: 0.452 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion: 117	Resp: 6918
Ion Ratio	Lower Upper
117	100
119	93.3 76.6 114.8

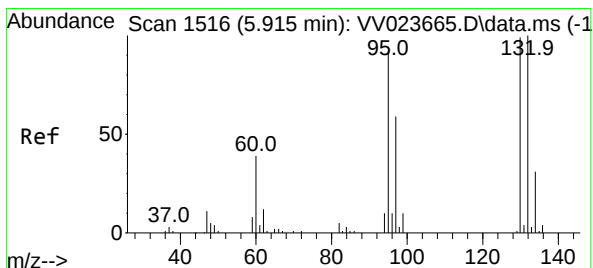
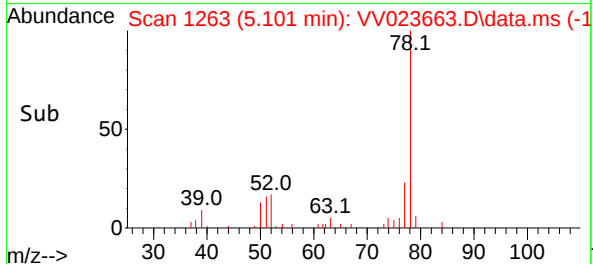
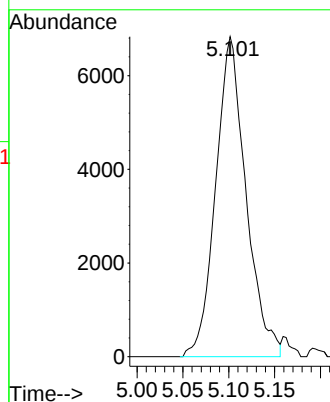
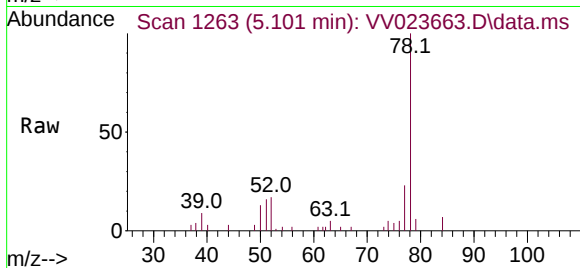




#33
Benzene
Concen: 0.408 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Instrument :
MSVOA_V
ClientSampleId :

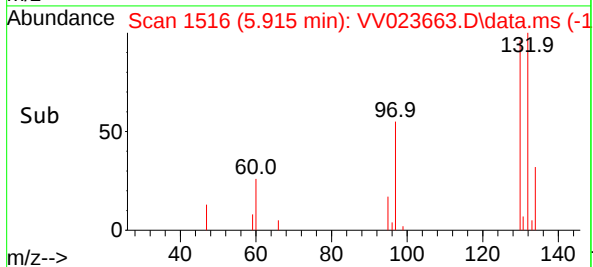
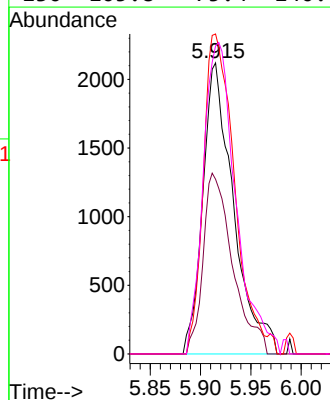
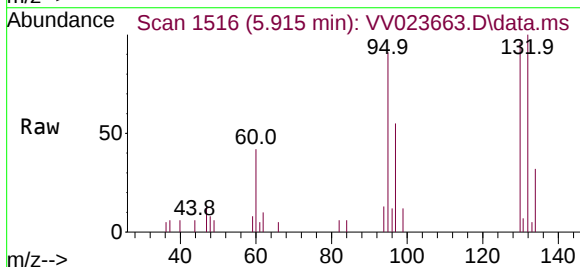
Tgt Ion: 78 Resp: 15701

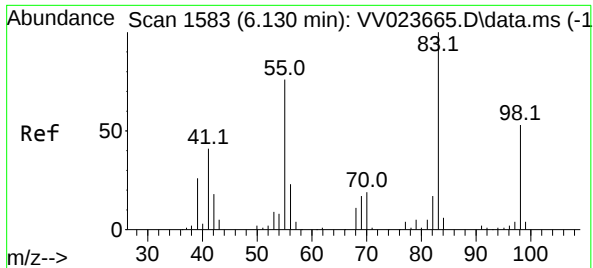


#34
Trichloroethene
Concen: 0.437 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion: 95 Resp: 4508

Ion	Ratio	Lower	Upper
95	100		
97	60.0	45.2	84.0
132	110.0	76.1	141.3
130	105.8	75.4	140.0

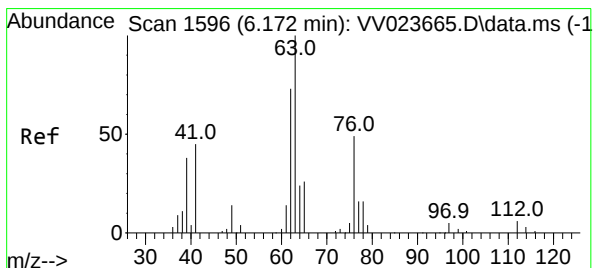
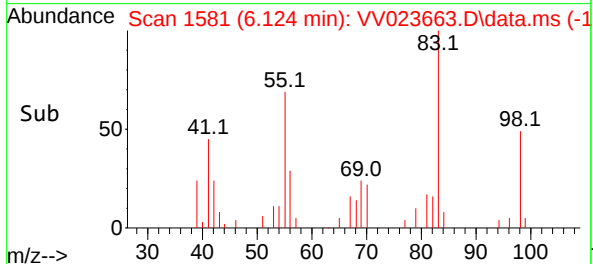
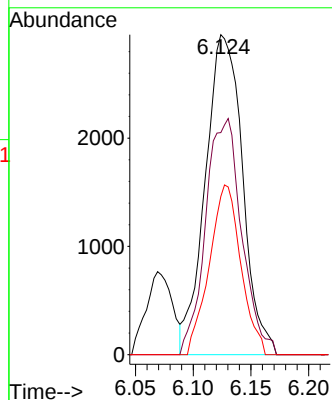
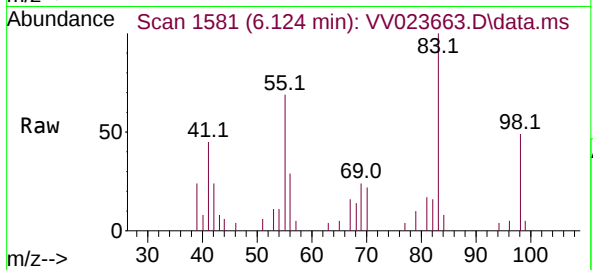




#35
Methylcyclohexane
Concen: 0.407 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.006 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

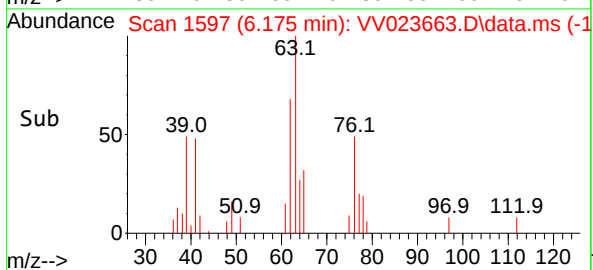
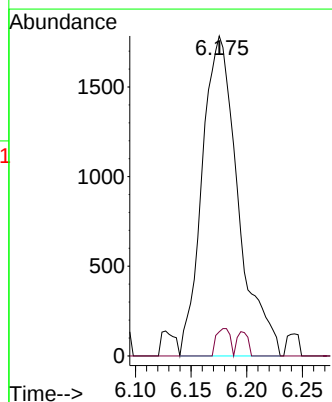
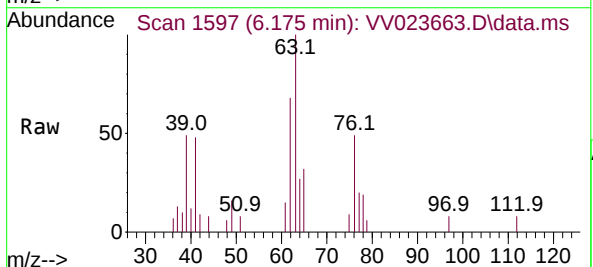
Instrument :
MSVOA_V
ClientSampleId :

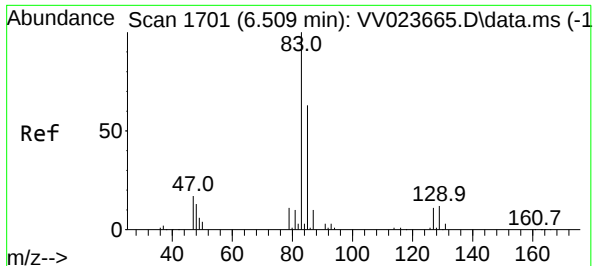
Tgt Ion: 83 Resp: 6619
Ion Ratio Lower Upper
83 100
55 71.6 60.2 90.2
98 44.9 41.0 61.4



#37
1,2-Dichloropropane
Concen: 0.447 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion: 63 Resp: 4006
Ion Ratio Lower Upper
63 100
112 3.2 4.3 6.5#

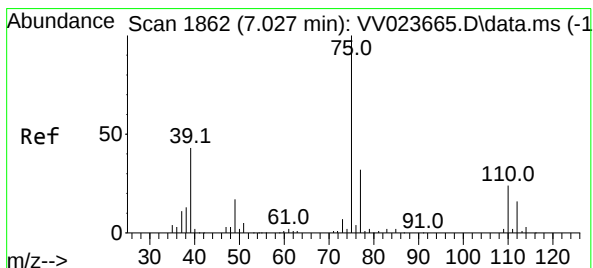
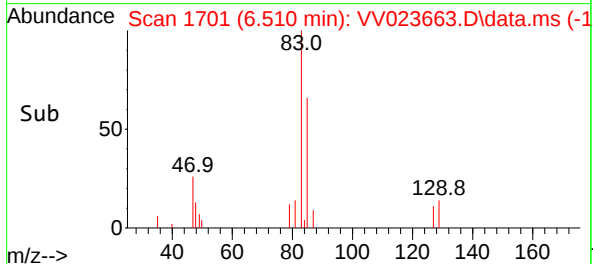
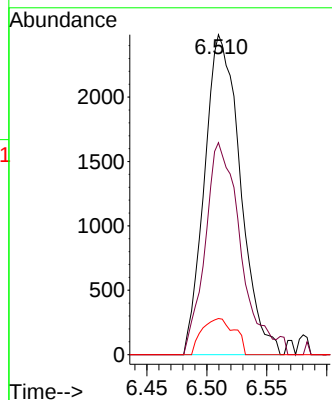
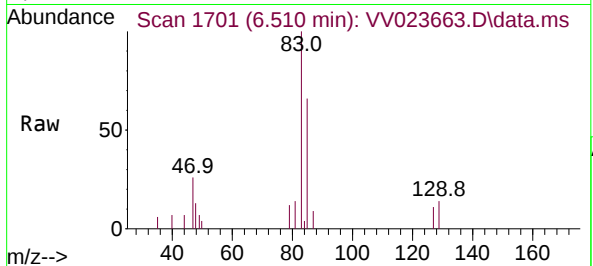




#38
Bromodichloromethane
Concen: 0.422 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

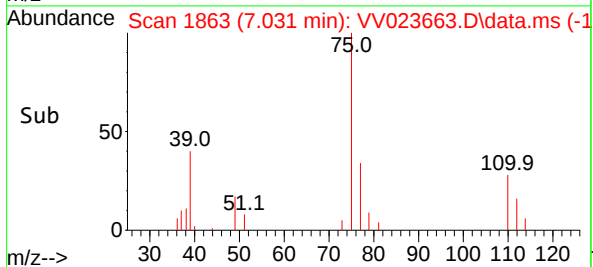
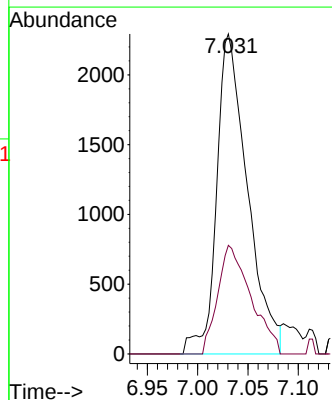
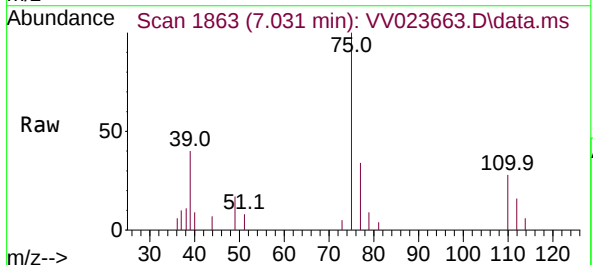
Instrument :
MSVOA_V
ClientSampleId :

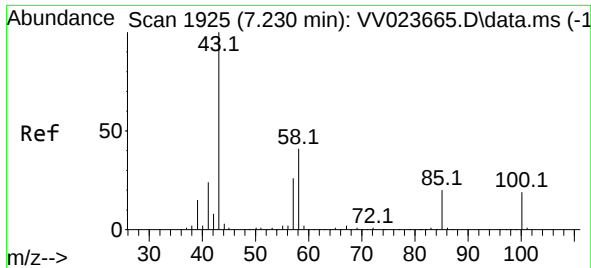
Tgt Ion: 83	Resp: 5151
Ion Ratio	Lower Upper
83 100	
85 66.2	44.0 81.8
127 11.3	8.6 12.8



#39
cis-1,3-Dichloropropene
Concen: 0.376 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion: 75	Resp: 4886
Ion Ratio	Lower Upper
75 100	
77 33.9	22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 3.028 ug/L

RT: 7.233 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

ClientSampleId :

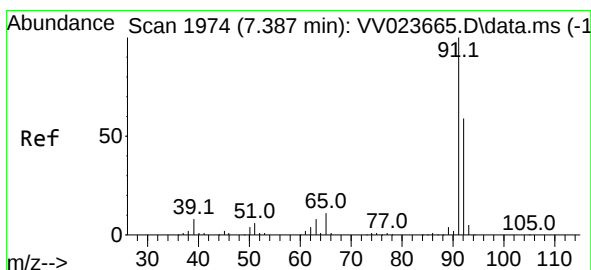
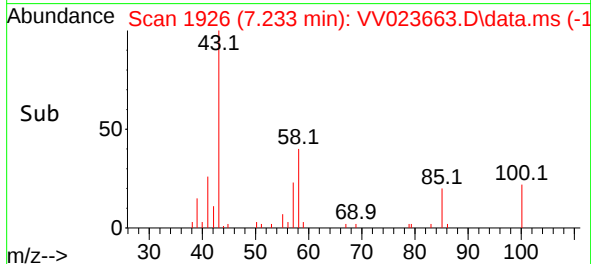
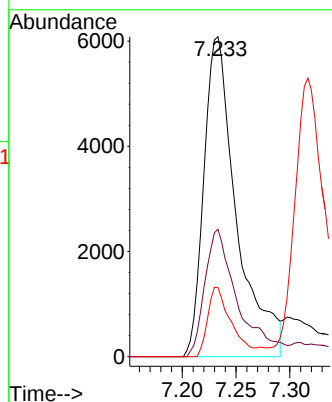
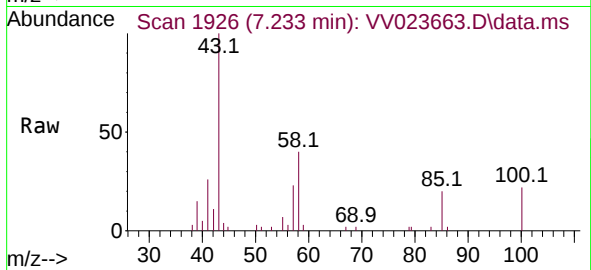
Tgt Ion: 43 Resp: 12855

Ion Ratio Lower Upper

43 100

58 40.4 32.3 48.5

100 15.7 13.0 19.6



#42

Toluene

Concen: 0.352 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV023663.D

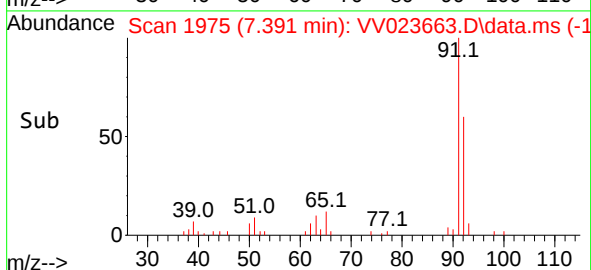
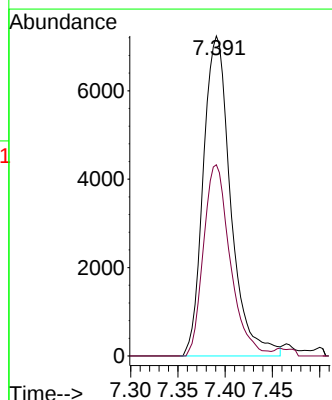
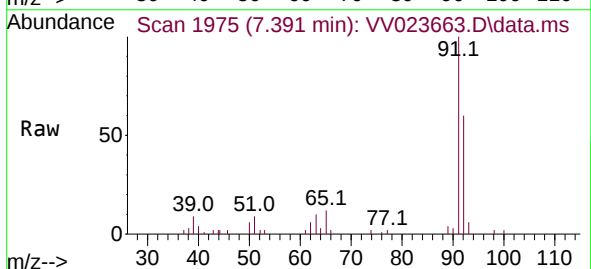
Acq: 23 Nov 2021 11:33

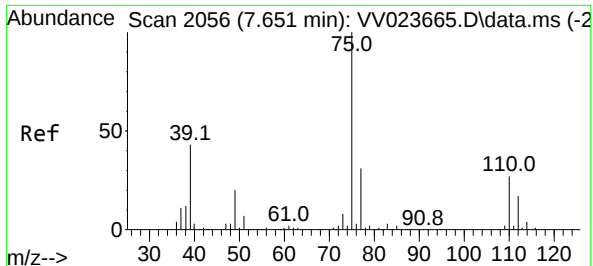
Tgt Ion: 91 Resp: 14594

Ion Ratio Lower Upper

91 100

92 59.8 41.5 77.1

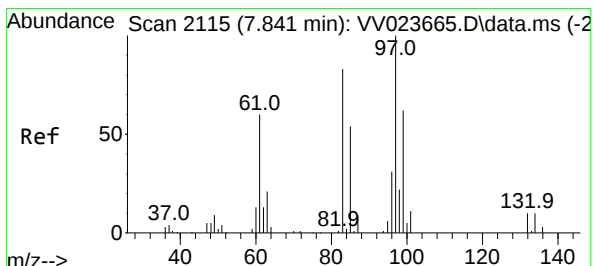
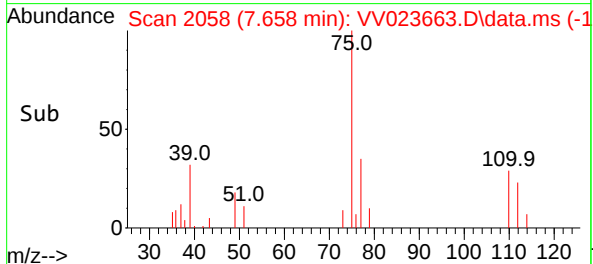
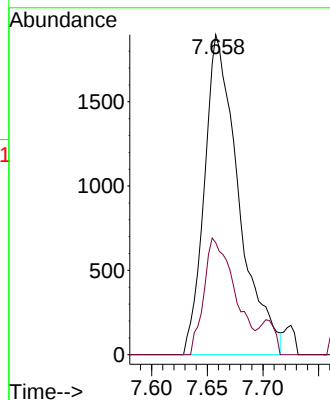
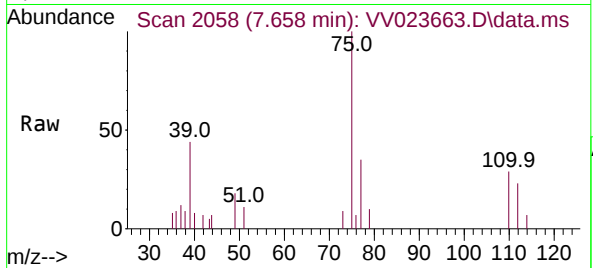




#44
trans-1,3-Dichloropropene
Concen: 0.377 ug/L
RT: 7.658 min Scan# 2056
Delta R.T. 0.007 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

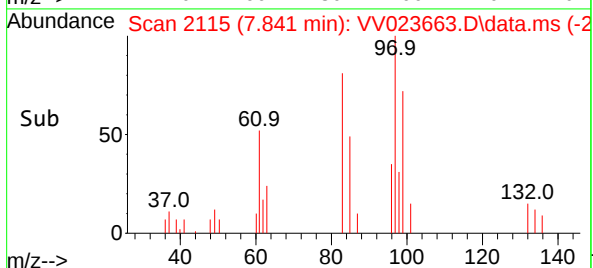
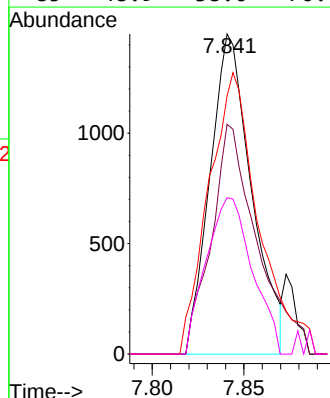
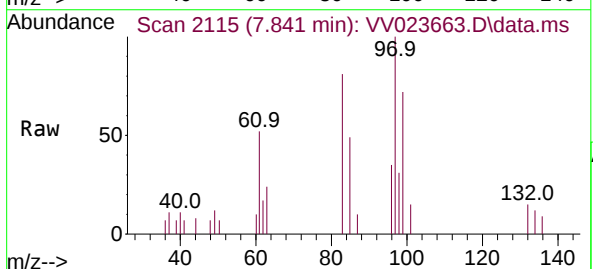
Instrument :
MSVOA_V
ClientSampleId :

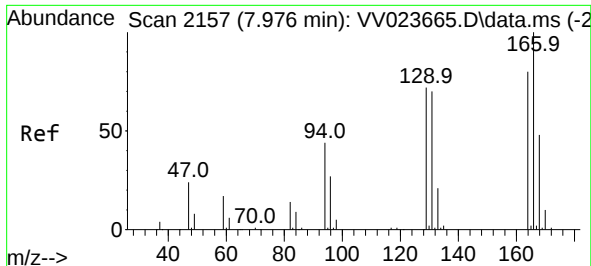
Tgt Ion: 75 Resp: 4052
Ion Ratio Lower Upper
75 100
77 35.0 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 0.349 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion: 97 Resp: 2281
Ion Ratio Lower Upper
97 100
99 71.8 43.1 80.1
83 80.7 57.9 107.5
85 48.9 38.0 70.6





#47

Tetrachloroethene

Concen: 0.418 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

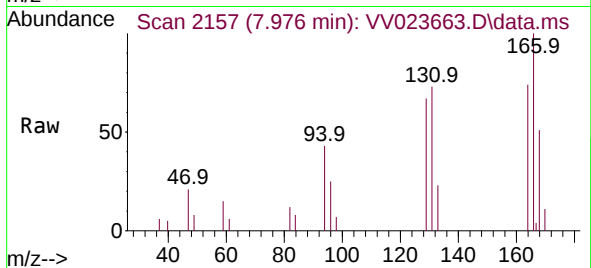
Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3767

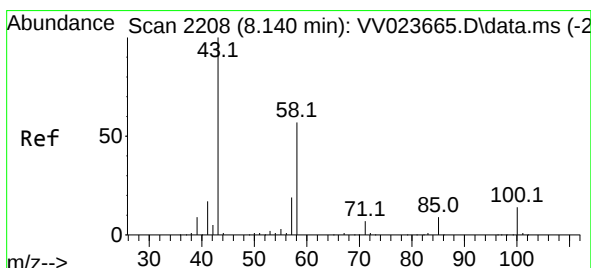
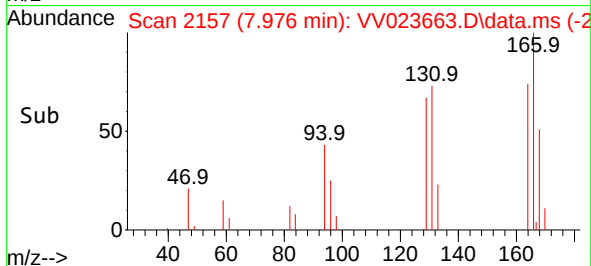
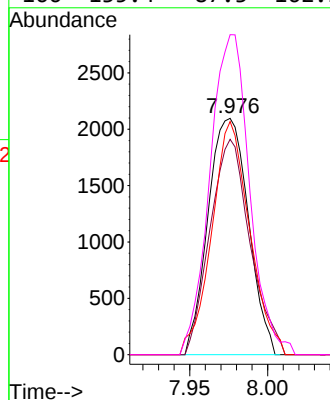
Ion Ratio Lower Upper

164 100

129 91.1 62.6 116.2

131 98.6 61.0 113.4

166 135.4 87.3 162.1



#48

2-Hexanone

Concen: 3.169 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Tgt Ion: 43 Resp: 9358

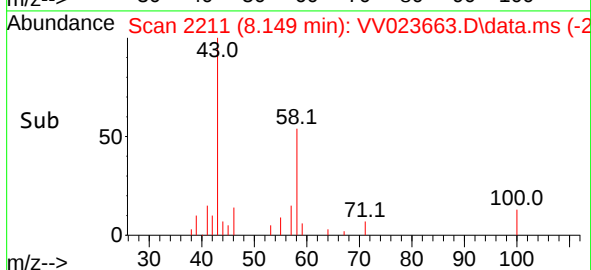
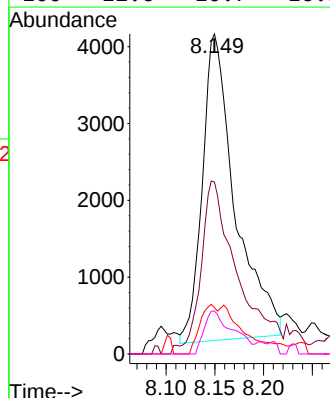
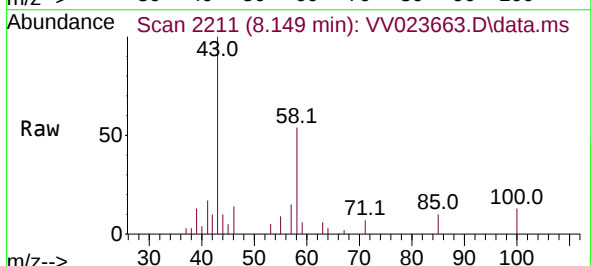
Ion Ratio Lower Upper

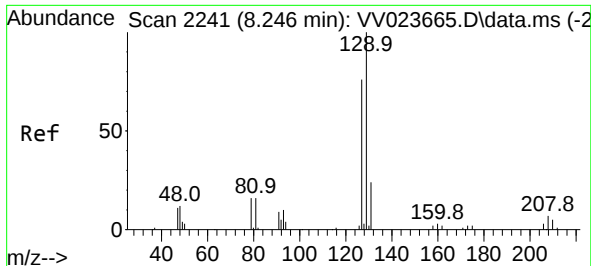
43 100

58 63.4 44.5 66.7

57 8.5 15.1 22.7#

100 12.6 10.7 16.1





#49

Dibromochloromethane

Concen: 0.407 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

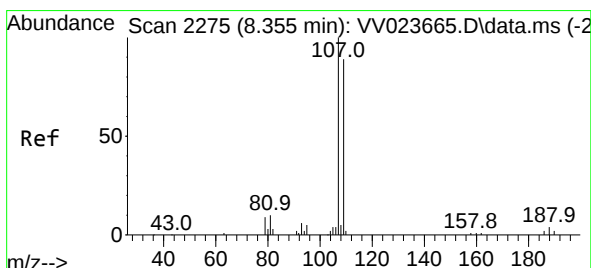
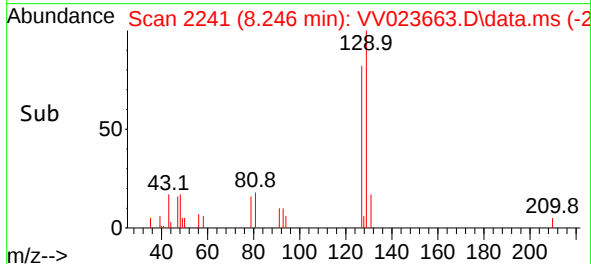
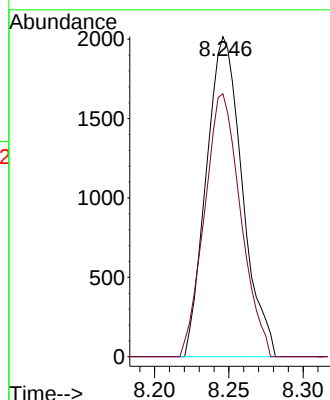
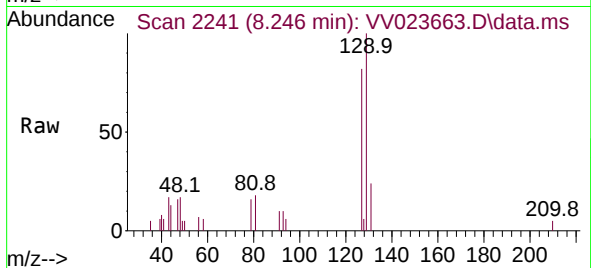
ClientSampleId :

Tgt Ion:129 Resp: 3396

Ion Ratio Lower Upper

129 100

127 82.1 53.5 99.3



#50

1,2-Dibromoethane

Concen: 0.413 ug/L

RT: 8.358 min Scan# 2276

Delta R.T. 0.003 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

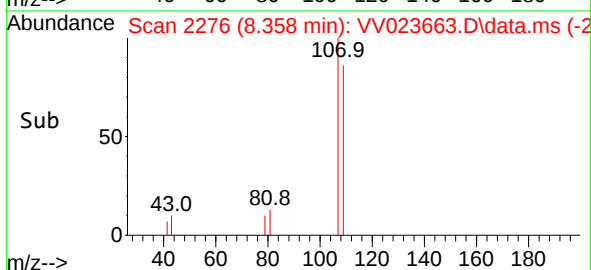
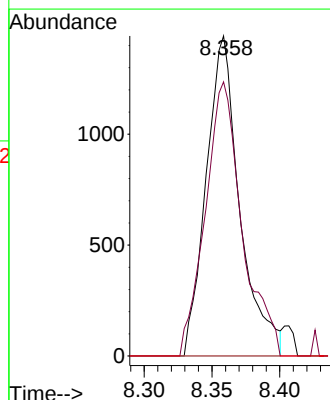
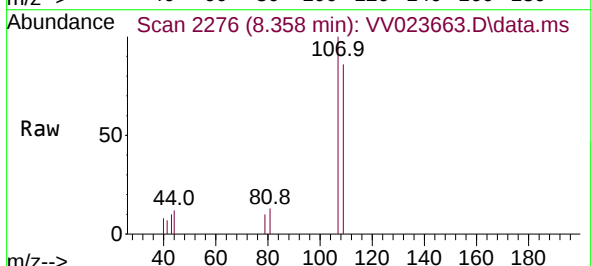
Tgt Ion:107 Resp: 2486

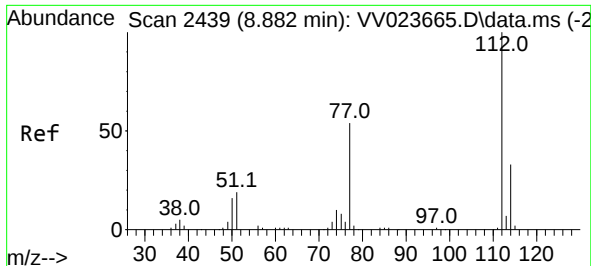
Ion Ratio Lower Upper

107 100

109 85.7 62.5 116.1

188 0.0 3.4 5.2#





#51

Chlorobenzene

Concen: 0.409 ug/L

RT: 8.879 min Scan# 2439

Delta R.T. -0.003 min

Lab File: VV023663.D

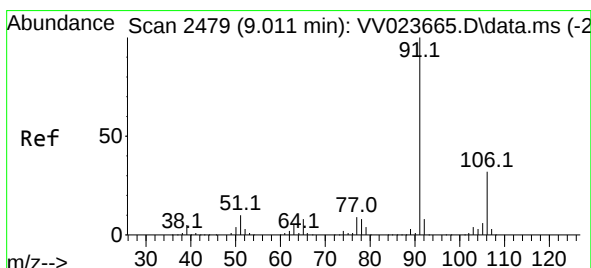
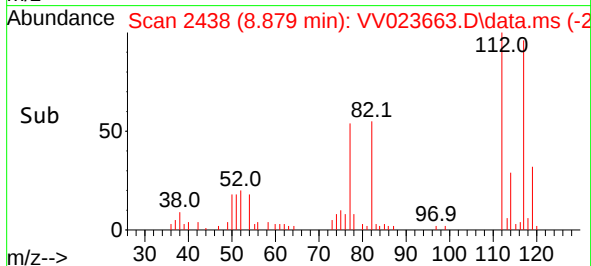
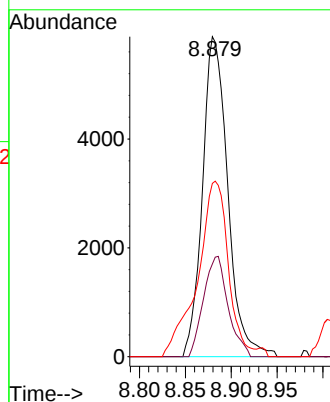
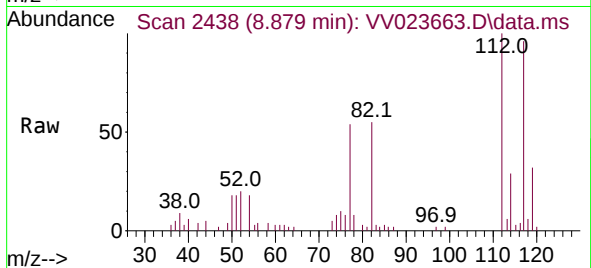
Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	112	Resp:	11280
Ion	Ratio	Lower	Upper
112	100		
114	29.0	23.3	43.3
77	54.1	43.3	64.9



#52

Ethylbenzene

Concen: 0.354 ug/L

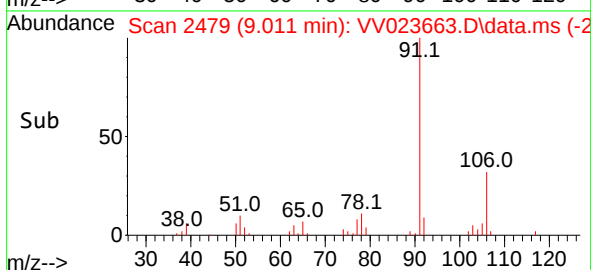
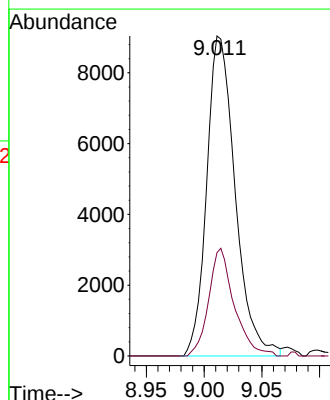
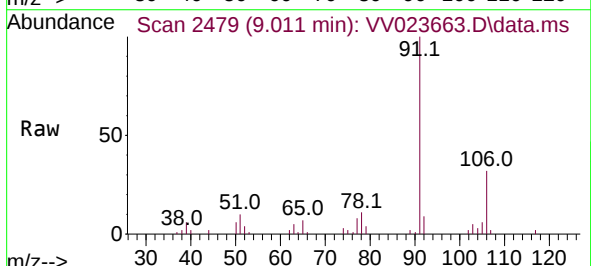
RT: 9.011 min Scan# 2479

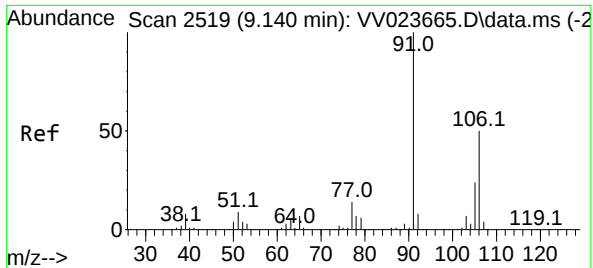
Delta R.T. 0.000 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Tgt Ion:	91	Resp:	15510
Ion	Ratio	Lower	Upper
91	100		
106	32.3	22.0	41.0

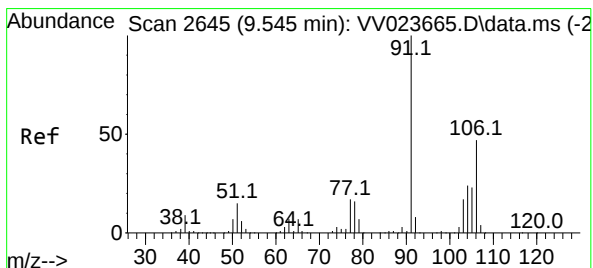
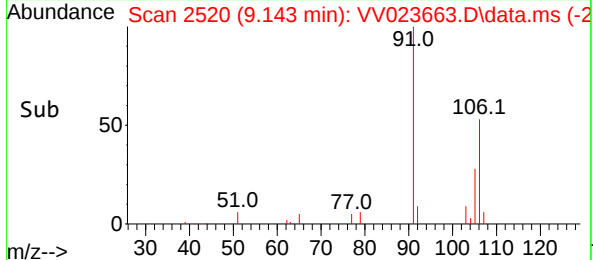
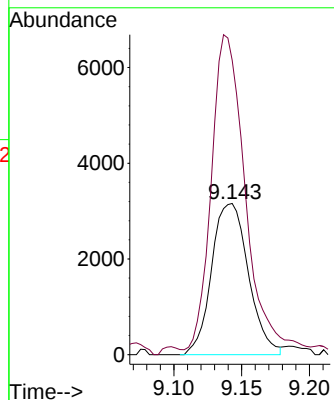
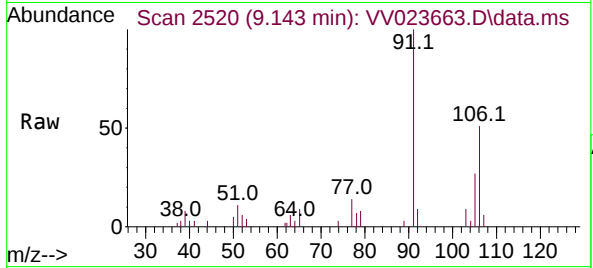




#53
m,p-xylene
Concen: 0.345 ug/L
RT: 9.143 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

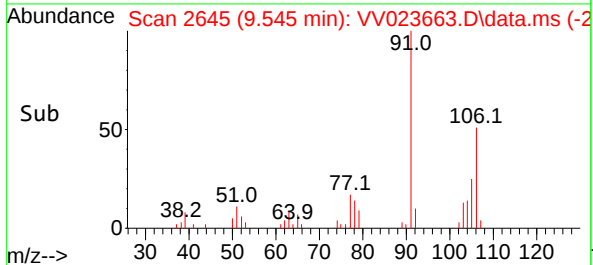
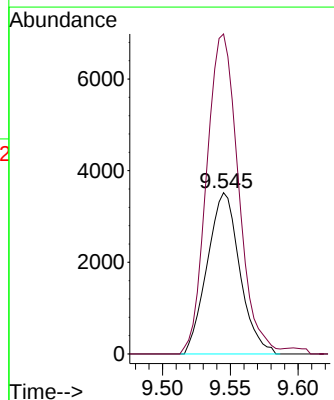
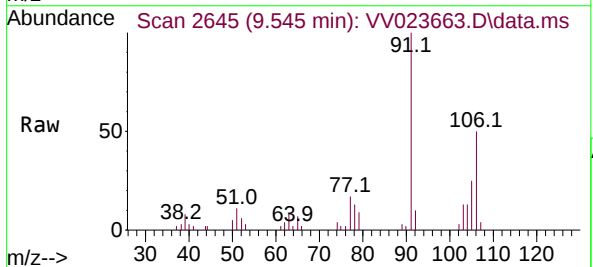
Instrument :
MSVOA_V
ClientSampleId :

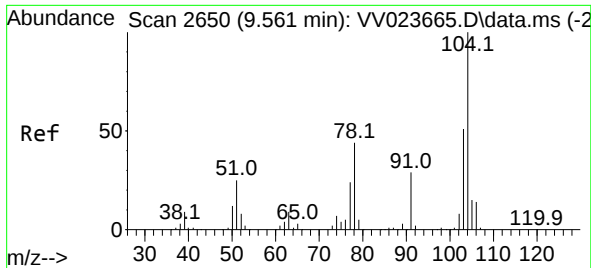
Tgt Ion:106 Resp: 5971
Ion Ratio Lower Upper
106 100
91 194.8 139.5 259.1



#54
o-xylene
Concen: 0.363 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion:106 Resp: 5873
Ion Ratio Lower Upper
106 100
91 198.4 147.9 274.7

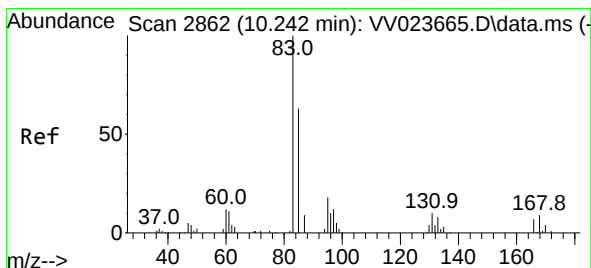
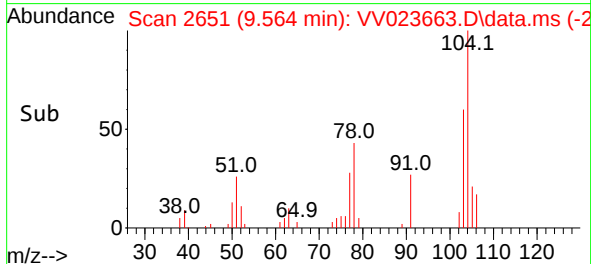
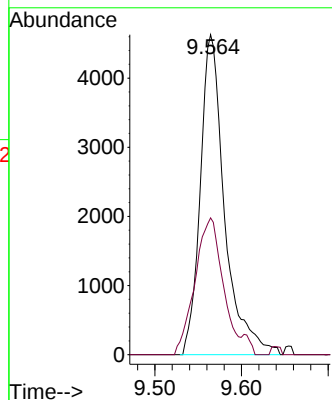
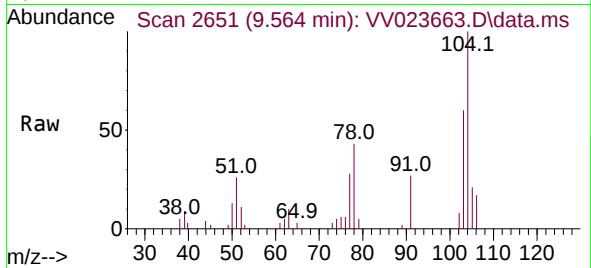




#55
Styrene
Concen: 0.325 ug/L
RT: 9.564 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

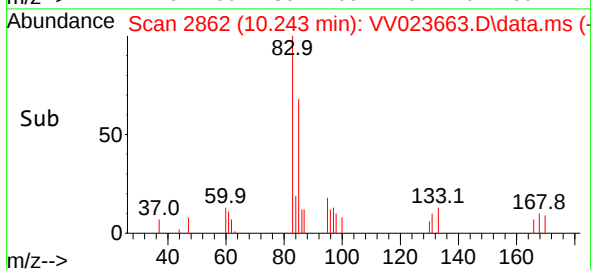
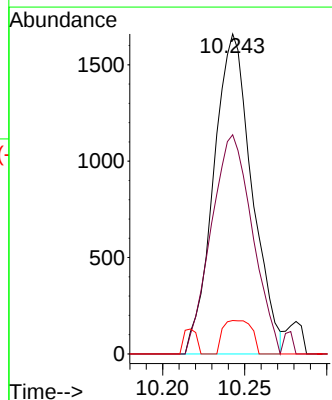
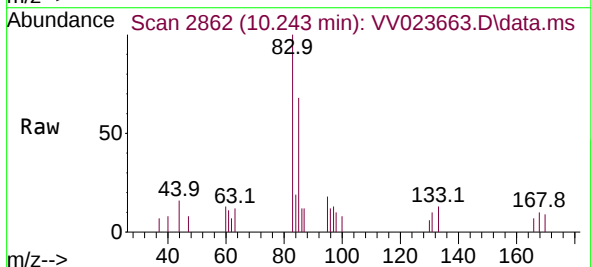
Instrument :
MSVOA_V
ClientSampleId :

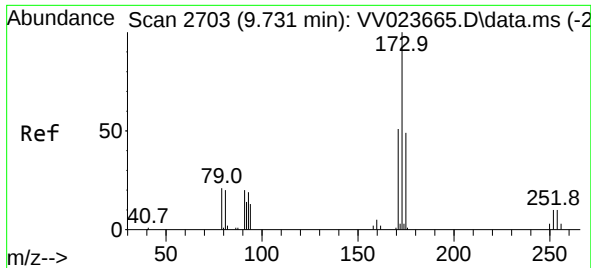
Tgt Ion:104 Resp: 9032
Ion Ratio Lower Upper
104 100
78 42.7 31.0 57.6



#57
1,1,2,2-Tetrachloroethane
Concen: 0.379 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion: 83 Resp: 2697
Ion Ratio Lower Upper
83 100
85 68.5 44.6 82.8
131 10.4 8.3 12.5

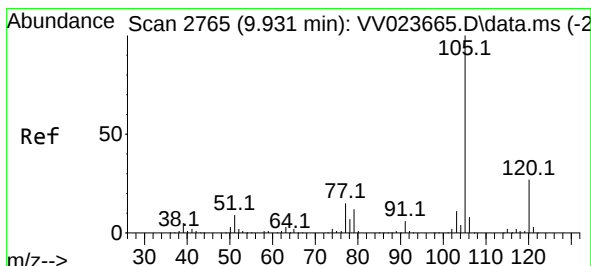
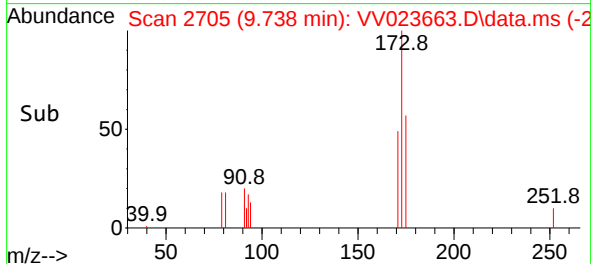
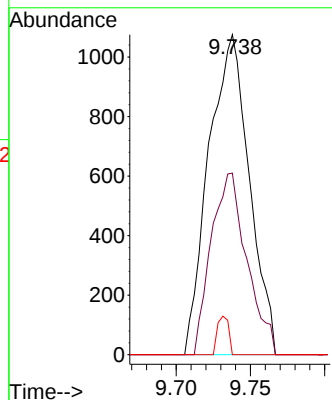
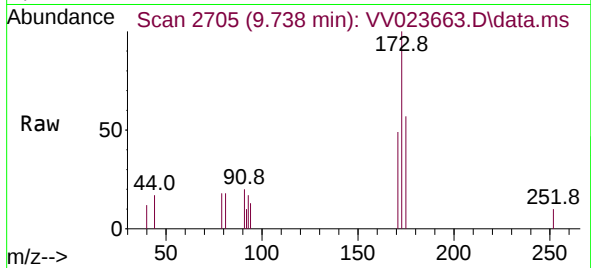




#59
Bromoform
Concen: 0.503 ug/L
RT: 9.738 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

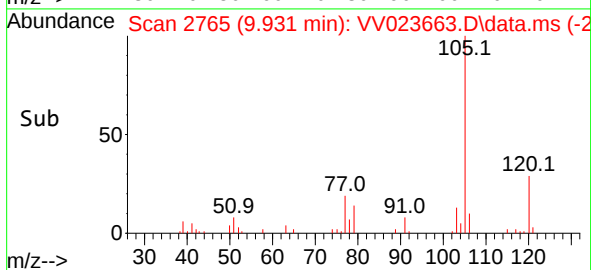
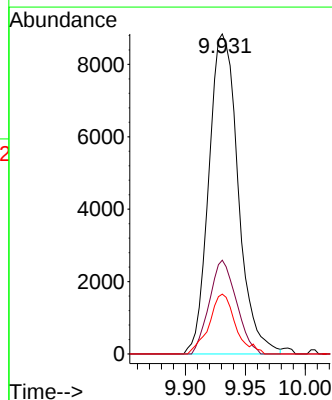
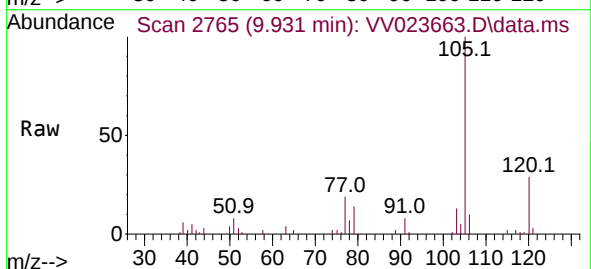
Instrument :
MSVOA_V
ClientSampleId :

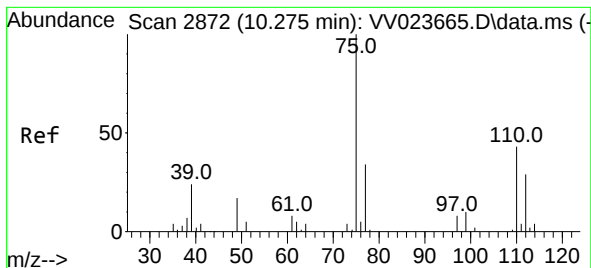
Tgt Ion:173 Resp: 2042
Ion Ratio Lower Upper
173 100
175 50.0 39.4 59.2
254 3.3 7.4 11.0#



#60
Isopropylbenzene
Concen: 0.388 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

Tgt Ion:105 Resp: 15006
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 16.8 12.2 18.4

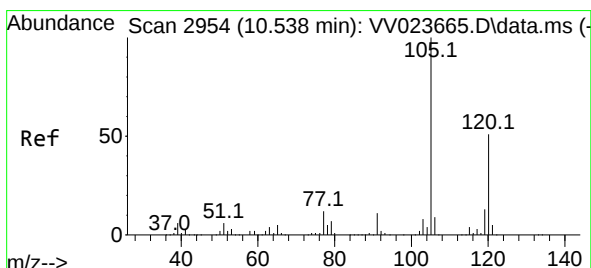
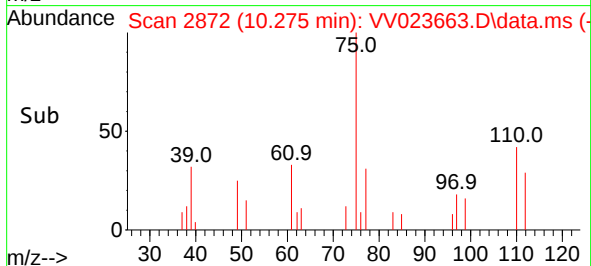
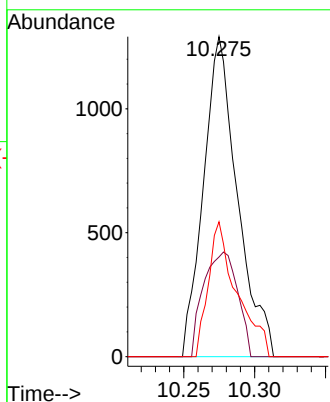
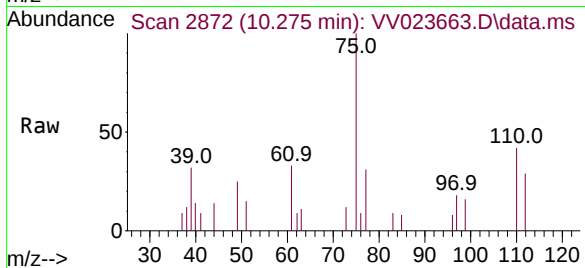




#61
 1,2,3-Trichloropropane
 Concen: 0.483 ug/L
 RT: 10.275 min Scan# 2146
 Delta R.T. 0.000 min
 Lab File: VV023663.D
 Acq: 23 Nov 2021 11:33

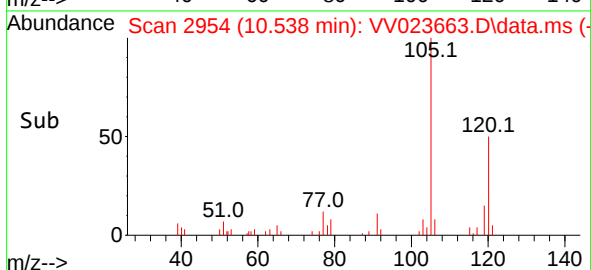
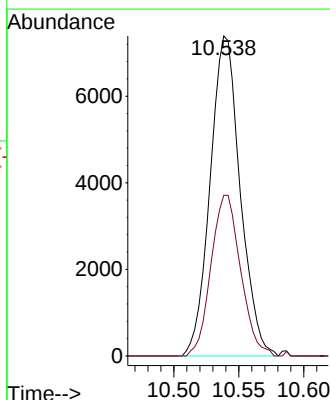
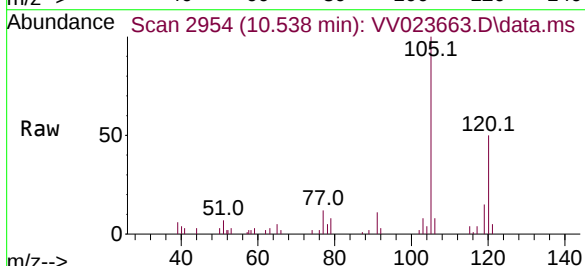
Instrument :
 MSVOA_V
 ClientSampleId :

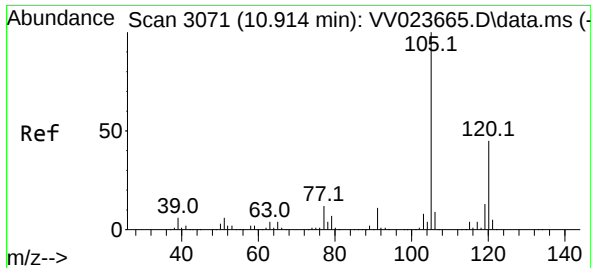
Tgt Ion: 75	Resp:	2146
Ion Ratio	Lower	Upper
75	100	
77	32.8	26.4 39.6
110	35.5	34.2 51.2



#62
 1,3,5-Trimethylbenzene
 Concen: 0.370 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023663.D
 Acq: 23 Nov 2021 11:33

Tgt Ion: 105	Resp:	11885
Ion Ratio	Lower	Upper
105	100	
120	49.4	40.1 60.1

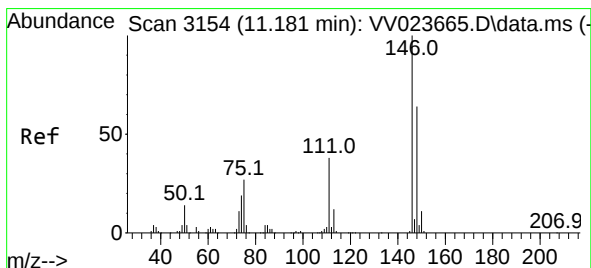
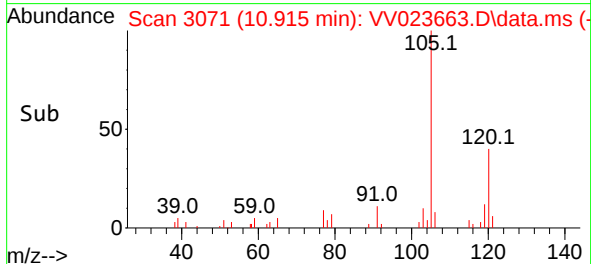
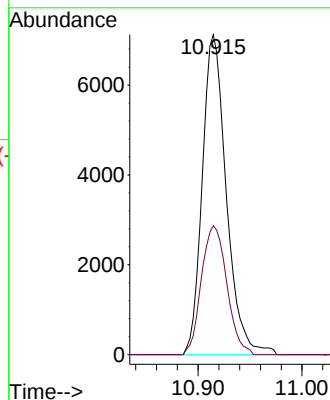
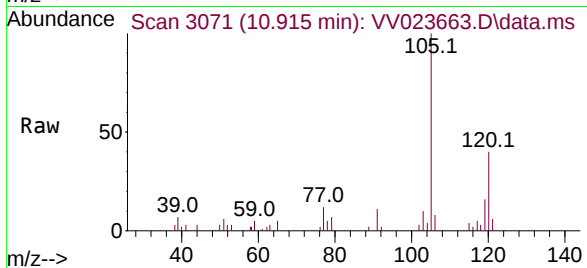




#63
1,2,4-Trimethylbenzene
Concen: 0.358 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

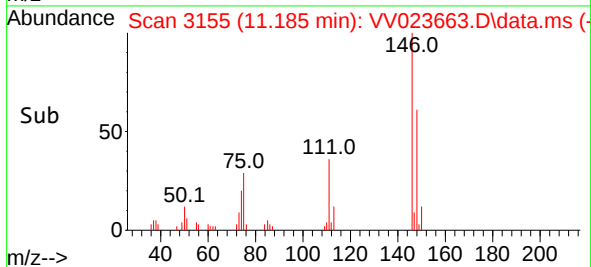
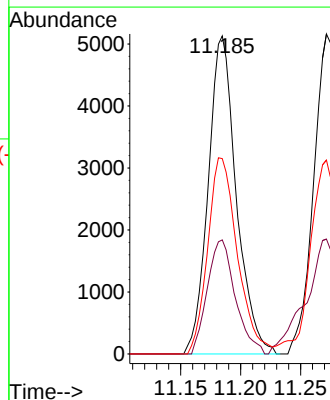
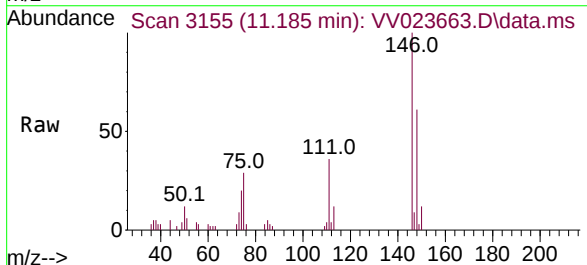
Instrument :
MSVOA_V
ClientSampleId :

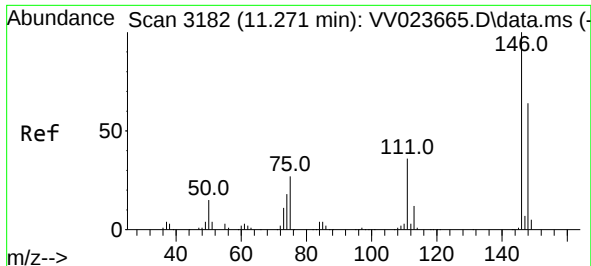
Tgt Ion:105 Resp: 11438
Ion Ratio Lower Upper
105 100
120 42.6 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 0.425 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

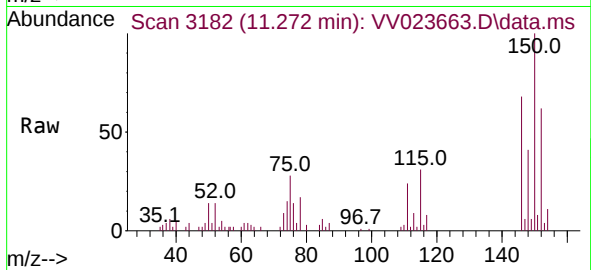
Tgt Ion:146 Resp: 8357
Ion Ratio Lower Upper
146 100
111 35.9 26.3 48.9
148 61.4 44.4 82.5



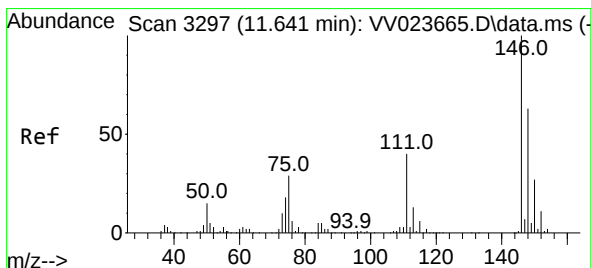
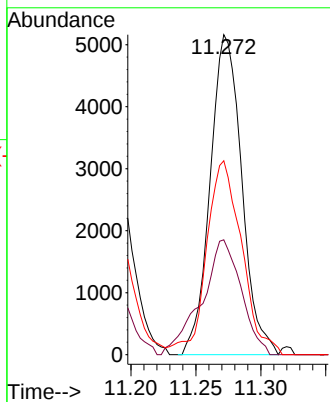
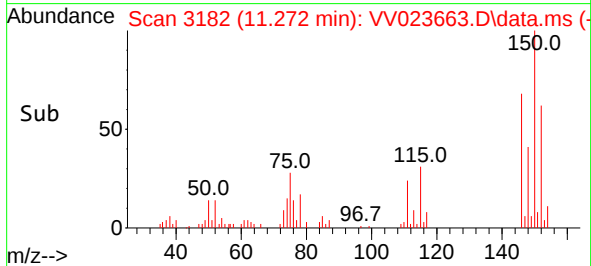


#65
1,4-Dichlorobenzene
Concen: 0.435 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33

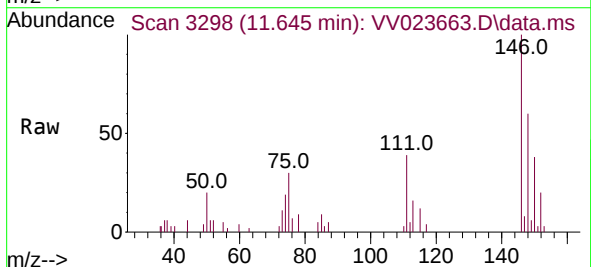
Instrument :
MSVOA_V
ClientSampleId :



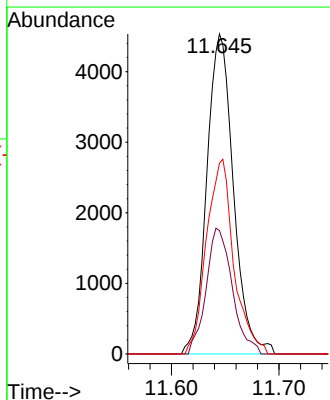
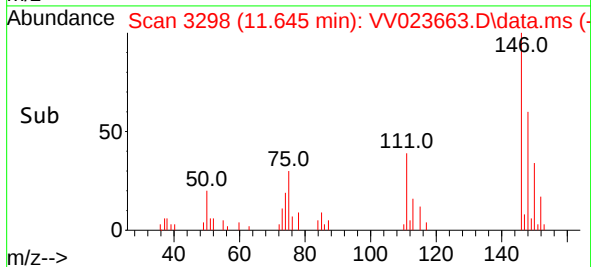
Tgt Ion:146 Resp: 8724
Ion Ratio Lower Upper
146 100
111 35.9 25.6 47.6
148 60.6 44.8 83.2

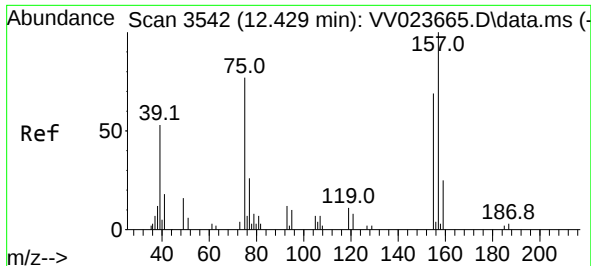


#67
1,2-Dichlorobenzene
Concen: 0.439 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV023663.D
Acq: 23 Nov 2021 11:33



Tgt Ion:146 Resp: 7774
Ion Ratio Lower Upper
146 100
111 38.5 31.9 47.9
148 59.6 50.5 75.7





#68

1,2-Dibromo-3-chloropropane

Concen: 0.394 ug/L

RT: 12.439 min Scan# 3545

Delta R.T. 0.010 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

ClientSampleId :

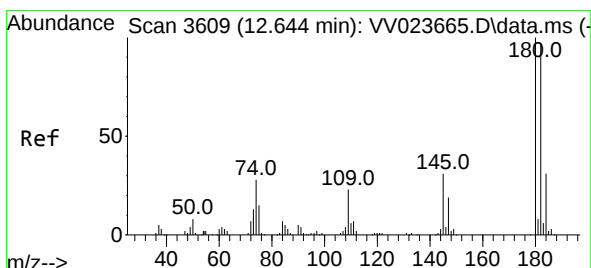
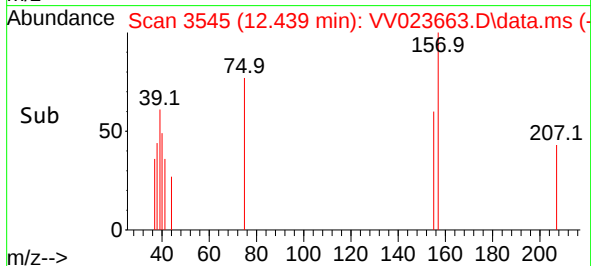
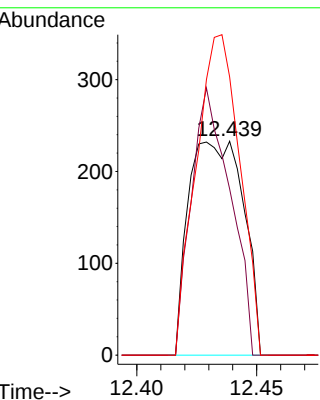
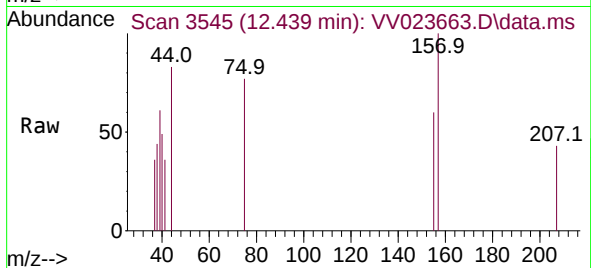
Tgt Ion: 75 Resp: 371

Ion Ratio Lower Upper

75 100

155 77.7 71.7 107.5

157 130.0 103.3 154.9



#69

1,3,5-Trichlorobenzene

Concen: 0.417 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Tgt Ion: 180 Resp: 6463

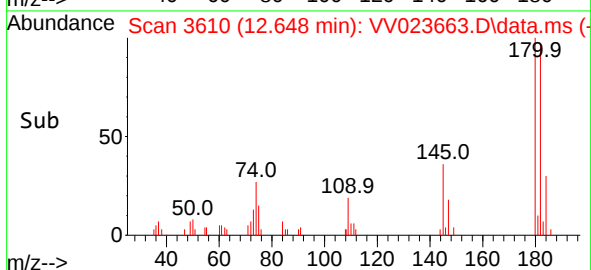
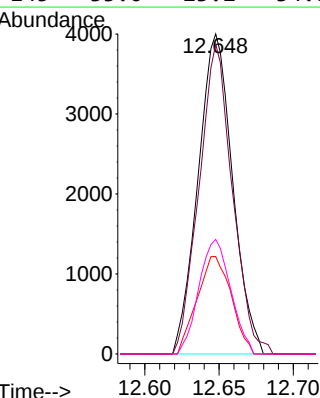
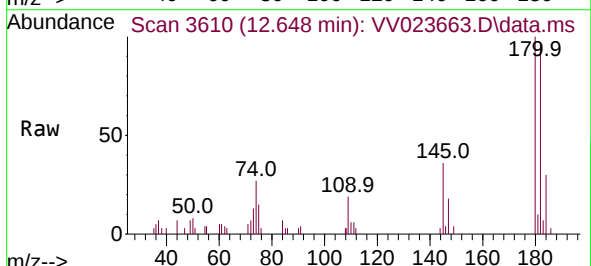
Ion Ratio Lower Upper

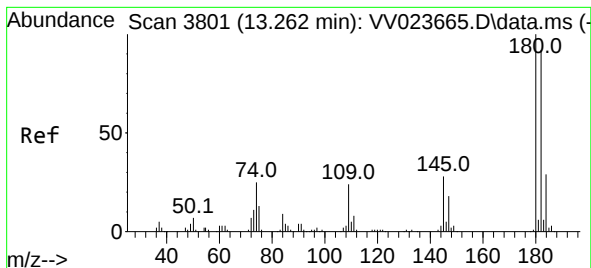
180 100

182 93.3 76.4 114.6

184 30.1 24.2 36.4

145 33.0 23.2 34.8





#70

1,2,4-trichlorobenzene

Concen: 0.394 ug/L

RT: 13.265 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

Instrument :

MSVOA_V

ClientSampleId :

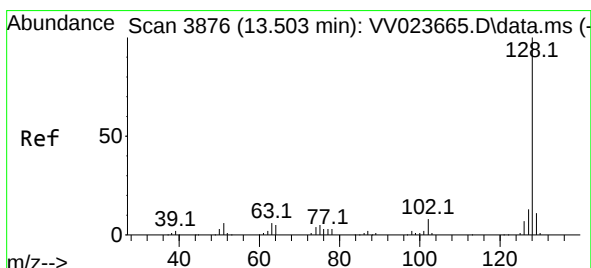
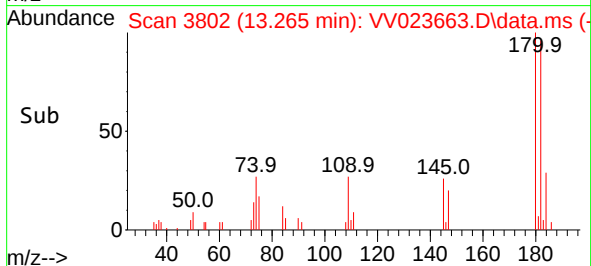
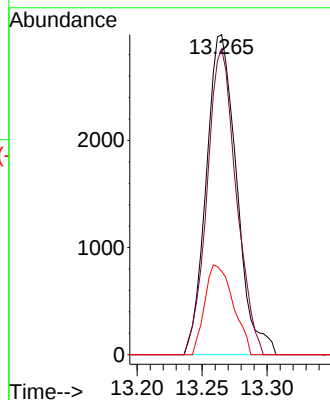
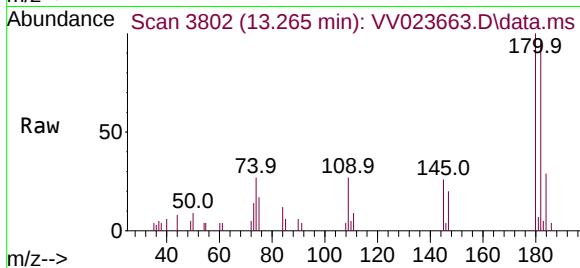
Tgt Ion:180 Resp: 4860

Ion Ratio Lower Upper

180 100

182 91.6 74.4 111.6

145 26.1 23.3 34.9



#71

Naphthalene

Concen: 0.326 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.007 min

Lab File: VV023663.D

Acq: 23 Nov 2021 11:33

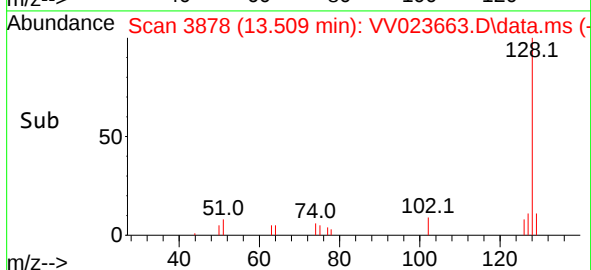
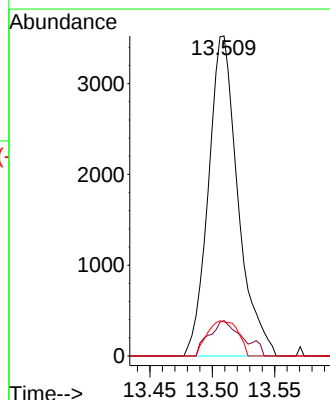
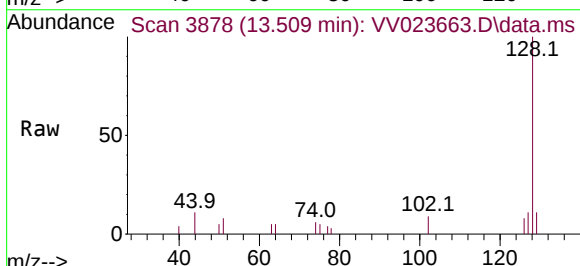
Tgt Ion:128 Resp: 5815

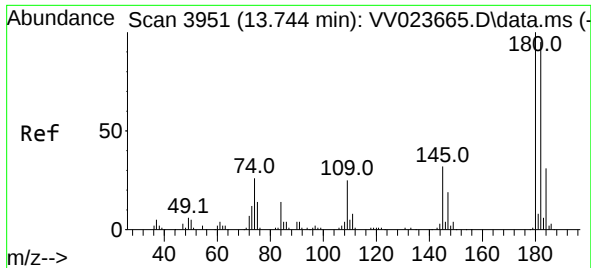
Ion Ratio Lower Upper

128 100

129 12.5 9.0 13.4

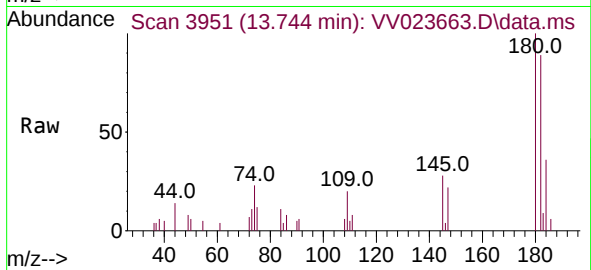
127 11.3 10.2 15.4





#72
 1,2,3-Trichlorobenzene
 Concen: 0.360 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.000 min
 Lab File: VV023663.D
 Acq: 23 Nov 2021 11:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	3876
Ion	Ratio	Lower	Upper
180	100		
182	99.1	76.8	115.2
145	31.4	25.8	38.6

