

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027737.D
 Acq On : 02 Sep 2022 21:05
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 05:36:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124684	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	123936	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	67069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63711	4.704	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.568	69	59131	5.218	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.400%	
11) 1,1-Dichloroethene-d2	2.108	63	132313	4.991	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	3.889	46	91218	39.831	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.660%	
24) Chloroform-d	4.346	84	133166	4.897	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.031	65	62763	5.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
32) Benzene-d6	5.047	84	242934	4.785	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	6.066	67	67100	4.273	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.313	98	239349	5.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	108.800%	
43) trans-1,3-Dichloroprop...	7.622	79	24146	4.991	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.800%	
46) 2-Hexanone-d5	8.088	63	95175	52.319	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.640%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48498	4.799	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	73841	4.918	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	91650	5.396	ug/L	100
3) Chloromethane	1.240	50	89482	5.502	ug/L	96
5) Vinyl chloride	1.310	62	88046	5.685	ug/L	98
6) Bromomethane	1.523	94	39298	5.399	ug/L	98
8) Chloroethane	1.584	64	51061	5.899	ug/L	94
9) Trichlorofluoromethane	1.754	101	130055	6.262	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	66223	5.857	ug/L	97
12) 1,1-Dichloroethene	2.117	96	61301	5.890	ug/L	93
13) Acetone	2.175	43	60732	39.191	ug/L	82
14) Carbon disulfide	2.294	76	180534	5.490	ug/L	98
15) Methyl Acetate	2.433	43	14361	3.493	ug/L #	88
16) Methylene chloride	2.503	84	66631	5.075	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	107170	4.820	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	59910	5.079	ug/L	94
19) 1,1-Dichloroethane	3.188	63	114208	4.945	ug/L	99
21) 2-Butanone	3.973	43	72408	34.453	ug/L #	79
22) cis-1,2-Dichloroethene	3.908	96	57619	4.894	ug/L	89
23) Bromochloromethane	4.246	128	26392	5.060	ug/L #	88
25) Chloroform	4.371	83	118959	4.905	ug/L	98

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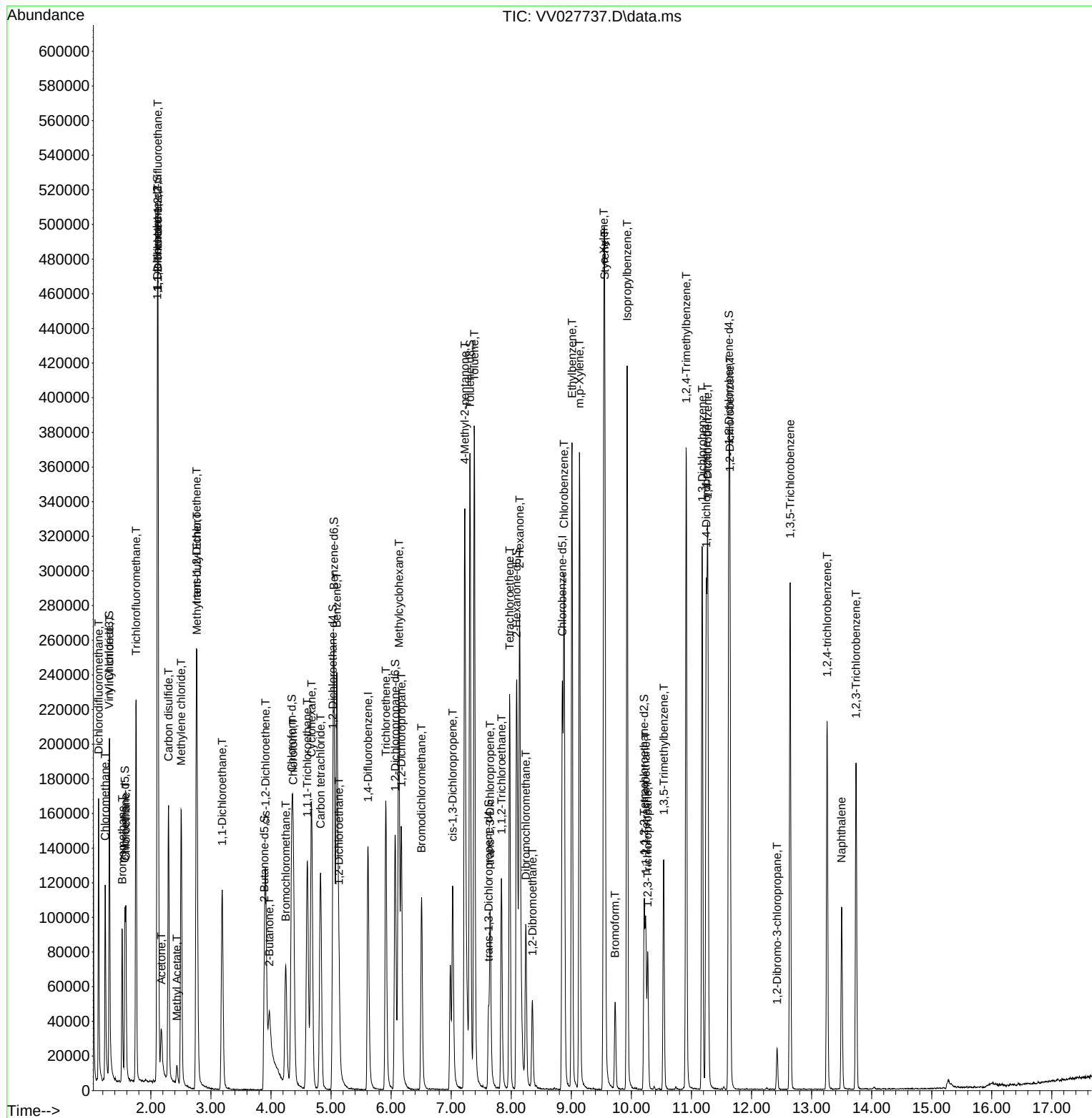
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	65081	4.916	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	109468	5.108	ug/L	98
30) Cyclohexane	4.674	56	81536	4.510	ug/L	92
31) Carbon tetrachloride	4.825	117	95321	5.198	ug/L	100
33) Benzene	5.095	78	239382	4.952	ug/L	100
34) Trichloroethene	5.912	95	56653	4.768	ug/L	98
35) Methylcyclohexane	6.130	83	88143	4.780	ug/L	95
37) 1,2-Dichloropropane	6.172	63	57144	4.682	ug/L #	94
38) Bromodichloromethane	6.506	83	74718	4.840	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	73656	4.943	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	268364	49.468	ug/L #	97
42) Toluene	7.384	91	273774	5.672	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	59721	4.917	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	37579	4.773	ug/L	99
47) Tetrachloroethene	7.973	164	50285	5.219	ug/L	98
48) 2-Hexanone	8.140	43	198665	48.797	ug/L #	96
49) Dibromochloromethane	8.243	129	47158	5.055	ug/L	96
50) 1,2-Dibromoethane	8.352	107	34312	4.865	ug/L #	97
51) Chlorobenzene	8.879	112	155983	5.125	ug/L	98
52) Ethylbenzene	9.011	91	252543	5.164	ug/L	100
53) m,p-Xylene	9.136	106	101631	5.406	ug/L	94
54) o-Xylene	9.542	106	96975	5.405	ug/L	94
55) Styrene	9.558	104	170823	5.576	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	42724	4.908	ug/L	97
59) Bromoform	9.728	173	23630	4.960	ug/L	99
60) Isopropylbenzene	9.931	105	260109	5.124	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	31709	4.673	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	70166	5.066	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	198381	4.982	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	126461	5.162	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	122349	5.023	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	113322	5.158	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6114	4.524	ug/L	87
69) 1,3,5-Trichlorobenzene	12.644	180	90063	5.099	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	65186	5.007	ug/L	99
71) Naphthalene	13.500	128	84413	4.143	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	56756	4.840	ug/L	98

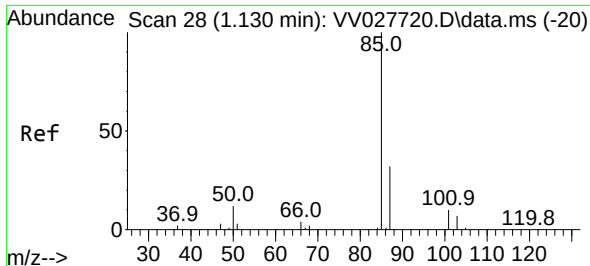
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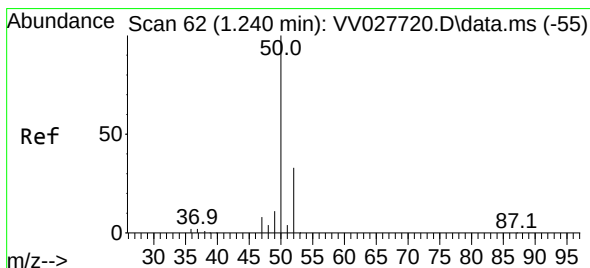
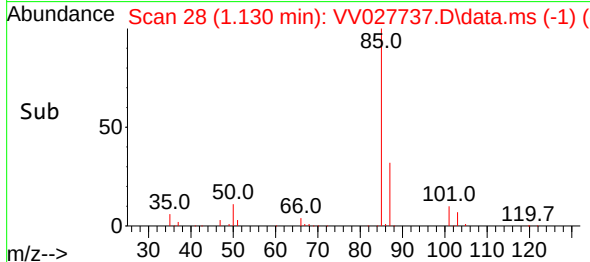
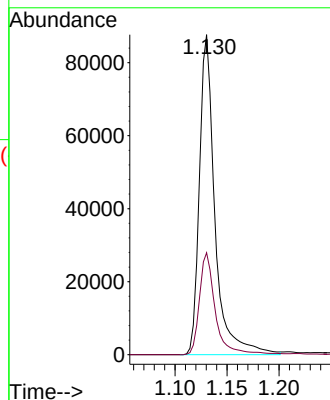
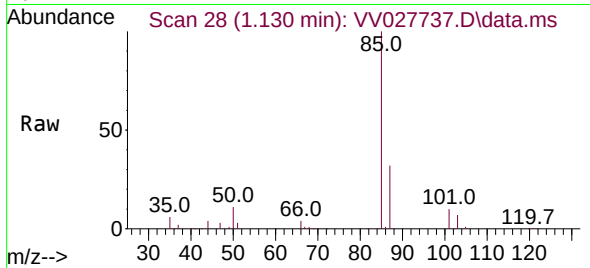




#2
 Dichlorodifluoromethane
 Concen: 5.396 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV027737.D
 Acq: 02 Sep 2022 21:05

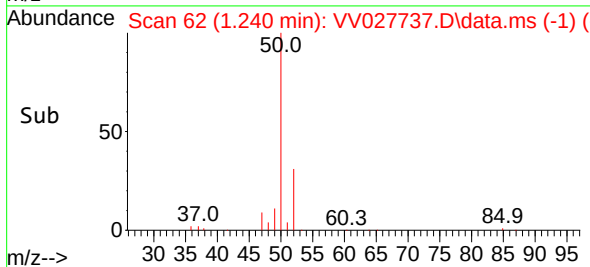
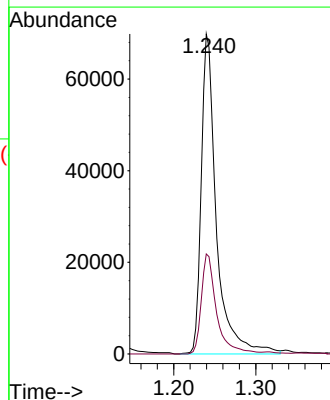
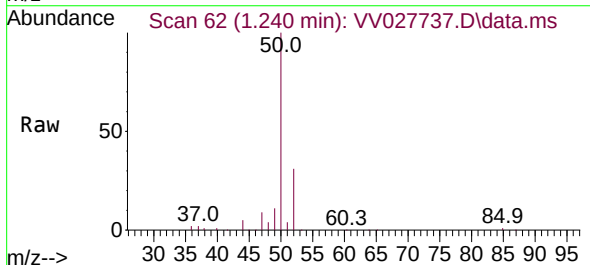
Instrument :
 MSVOA_V
 ClientSampleId :

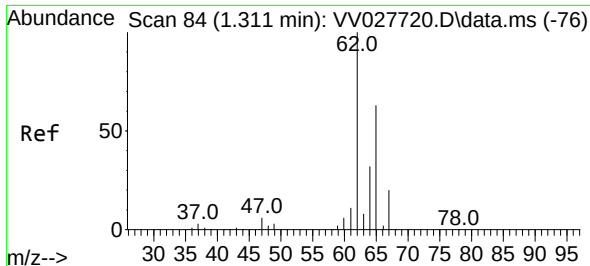
Tgt Ion: 85 Resp: 91650
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.4



#3
 Chloromethane
 Concen: 5.502 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027737.D
 Acq: 02 Sep 2022 21:05

Tgt Ion: 50 Resp: 89482
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.5 43.7

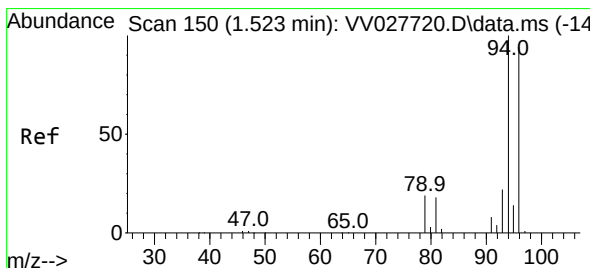
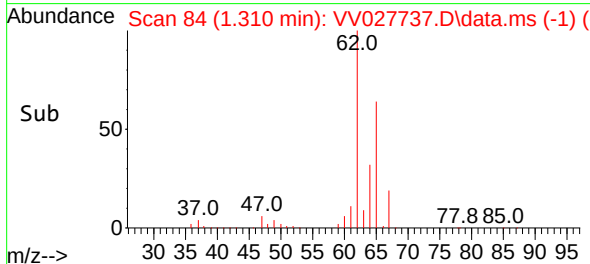
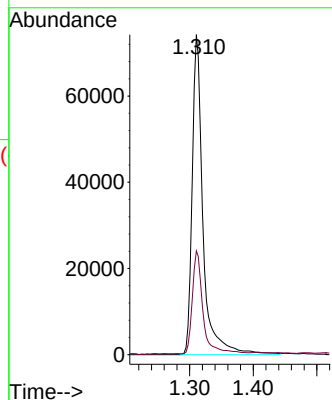
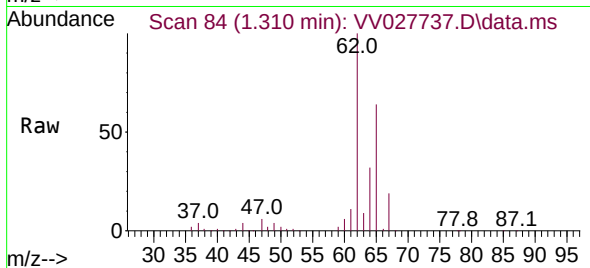




#5
 Vinyl chloride
 Concen: 5.685 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027737.D
 Acq: 02 Sep 2022 21:05

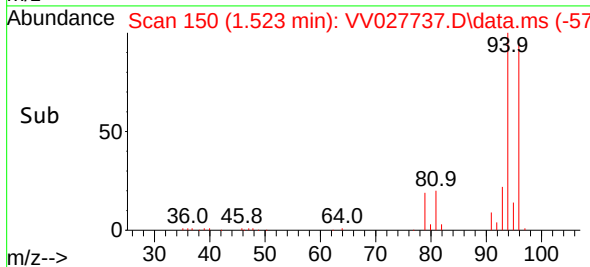
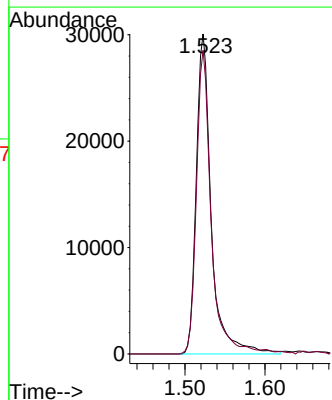
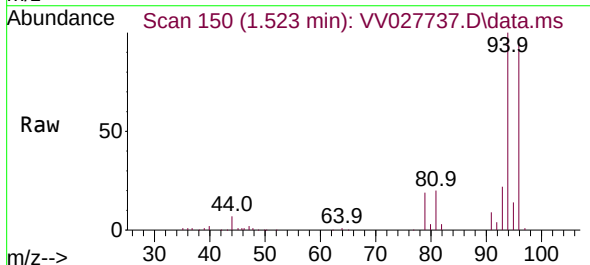
Instrument :
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 ClientSampleId :

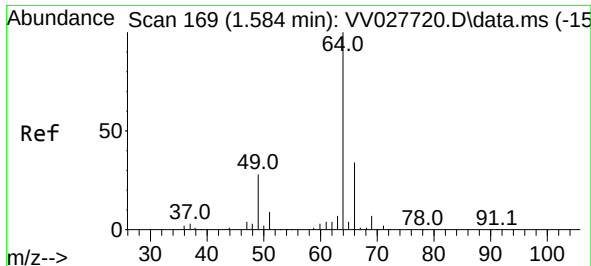
Tgt Ion: 62 Resp: 88046
 Ion Ratio Lower Upper
 62 100
 64 32.4 21.8 40.4



#6
 Bromomethane
 Concen: 5.399 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV027737.D
 Acq: 02 Sep 2022 21:05

Tgt Ion: 94 Resp: 39298
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.1 120.9

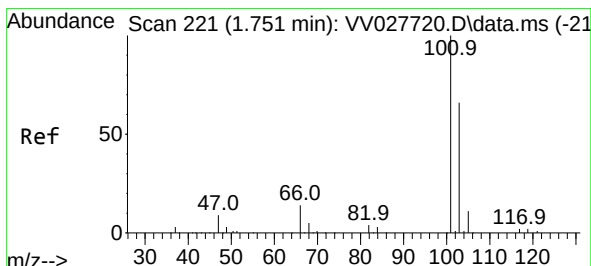
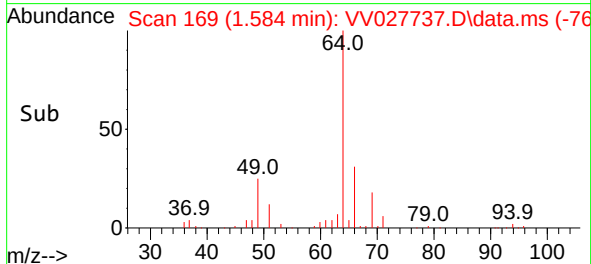
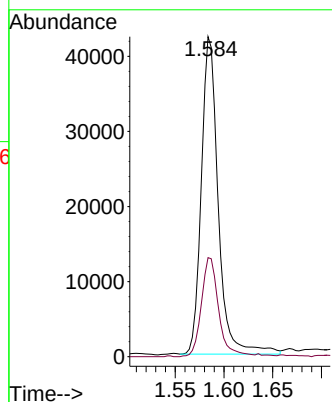
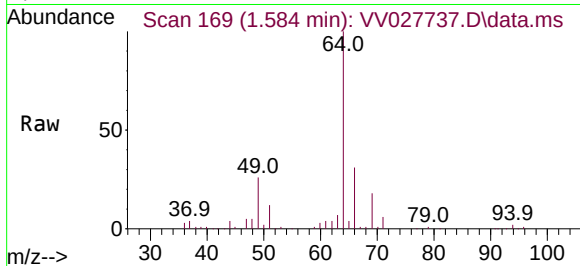




#8
Chloroethane
Concen: 5.899 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

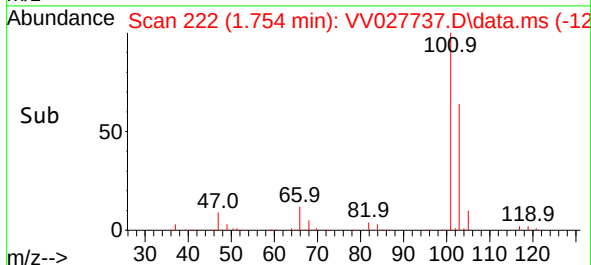
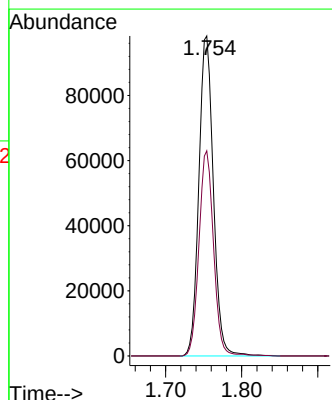
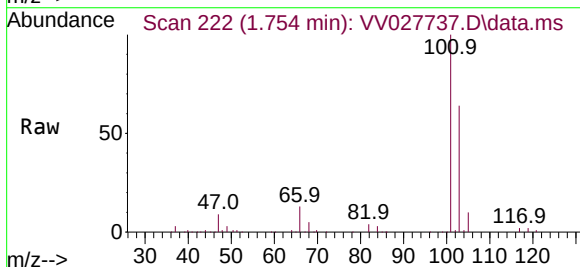
Instrument :
MSVOA_V
ClientSampleId :

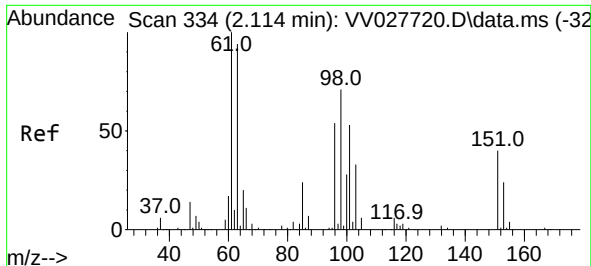
Tgt Ion: 64 Resp: 51061
Ion Ratio Lower Upper
64 100
66 31.0 24.0 44.6



#9
Trichlorofluoromethane
Concen: 6.262 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

Tgt Ion:101 Resp: 130055
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4





#10

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

Concen: 5.857 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

ClientSampleId :

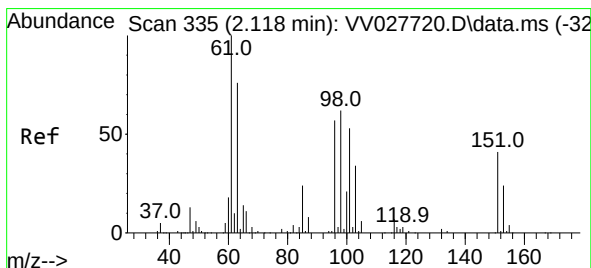
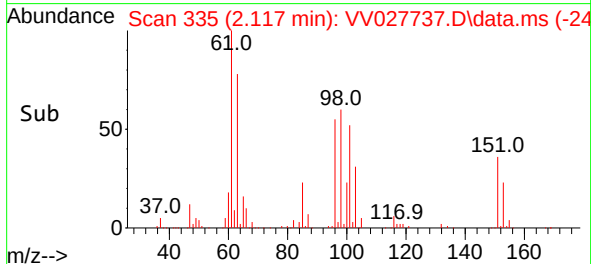
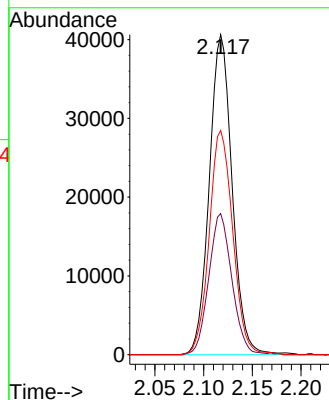
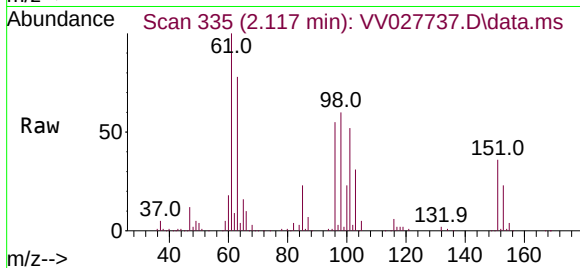
Tgt Ion:101 Resp: 66223

Ion Ratio Lower Upper

101 100

85 44.8 36.7 55.1

151 72.5 60.9 91.3



#12

1,1-Dichloroethene

Concen: 5.890 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

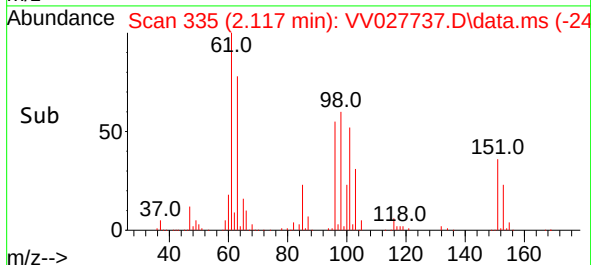
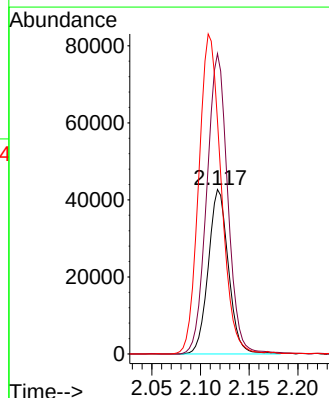
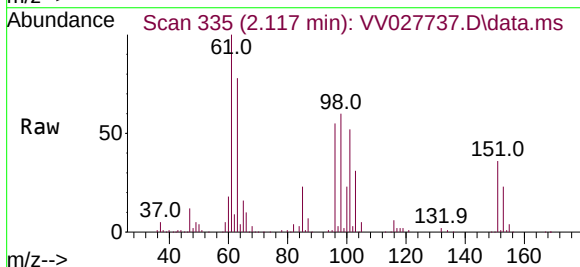
Tgt Ion: 96 Resp: 61301

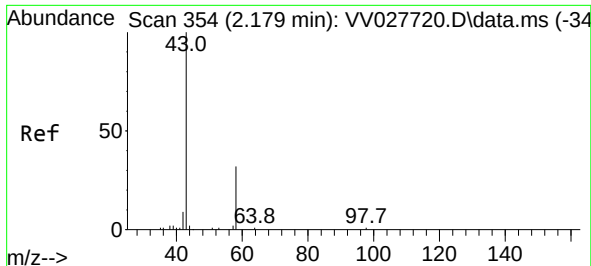
Ion Ratio Lower Upper

96 100

61 182.6 134.3 249.3

63 141.7 105.7 196.3





#13

Acetone

Concen: 39.191 ug/L

RT: 2.175 min Scan# 3

Delta R.T. -0.003 min

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Instrument :

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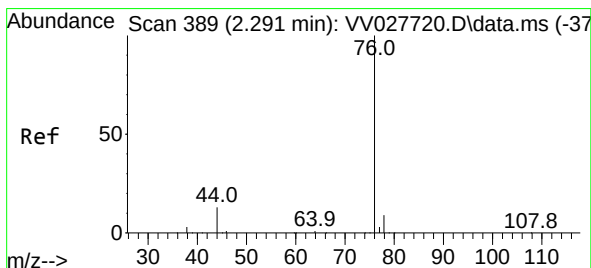
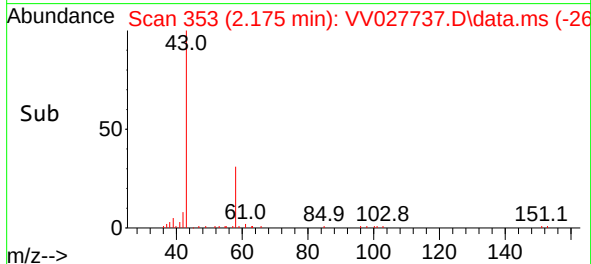
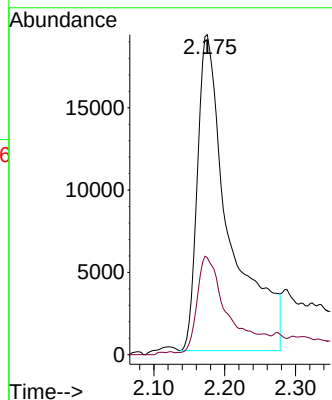
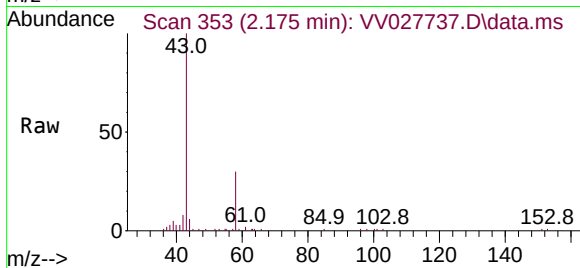
ClientSampleId :

Tgt Ion: 43 Resp: 60732

Ion Ratio Lower Upper

43 100

58 27.5 0.0 38.4



#14

Carbon disulfide

Concen: 5.490 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV027737.D

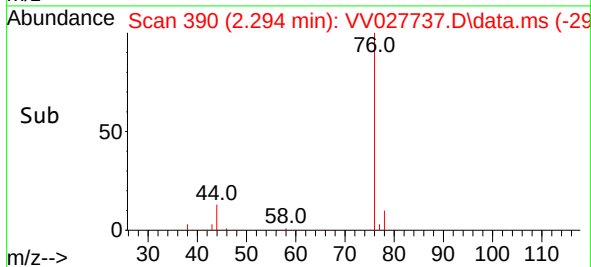
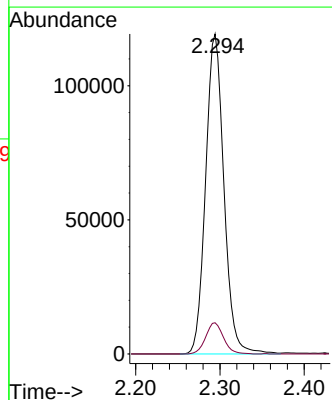
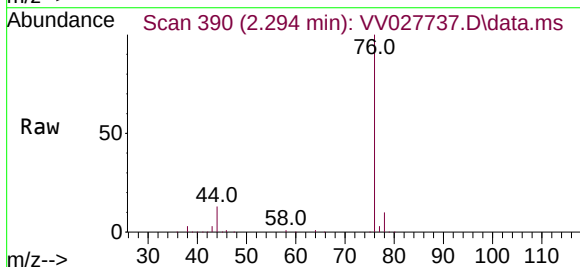
Acq: 02 Sep 2022 21:05

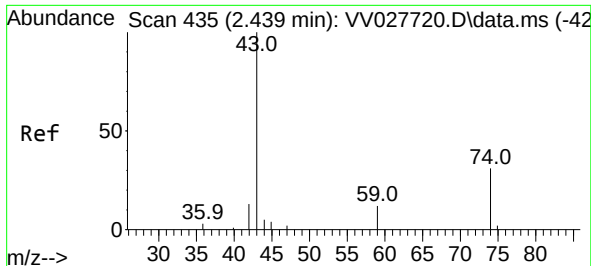
Tgt Ion: 76 Resp: 180534

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.0





#15

Methyl Acetate

Concen: 3.493 ug/L

RT: 2.433 min Scan# 41

Delta R.T. -0.007 min

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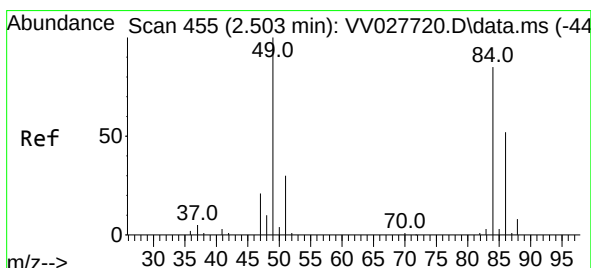
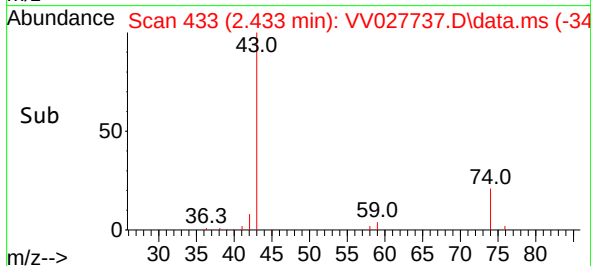
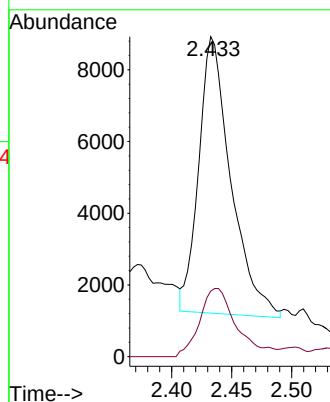
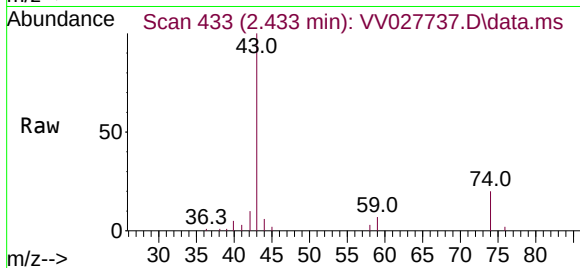
ClientSampleId :

Tgt Ion: 43 Resp: 14361

Ion Ratio Lower Upper

43 100

74 28.4 18.2 27.4#



#16

Methylene chloride

Concen: 5.075 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

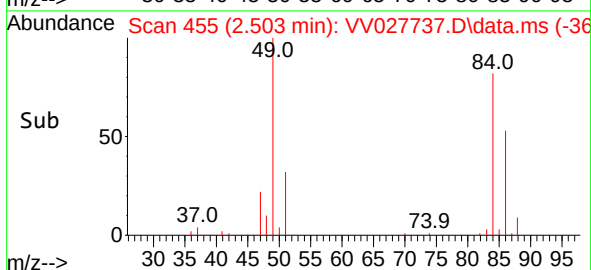
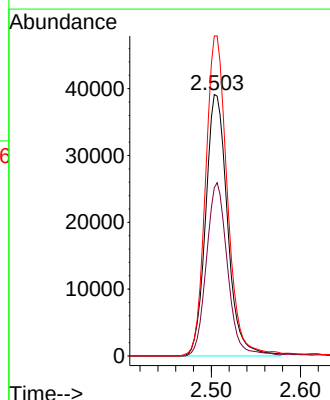
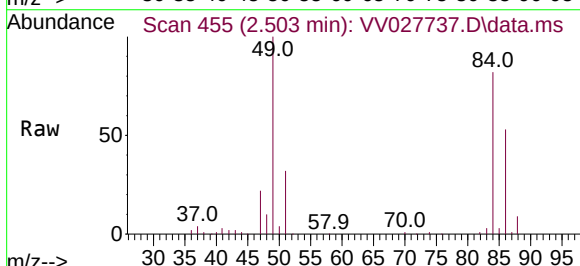
Tgt Ion: 84 Resp: 66631

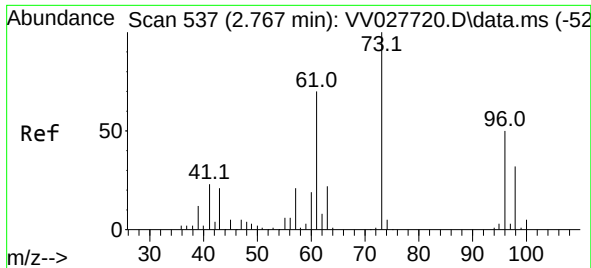
Ion Ratio Lower Upper

84 100

86 64.3 43.9 81.5

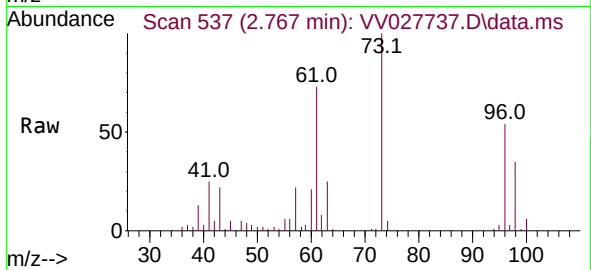
49 122.4 92.5 171.7



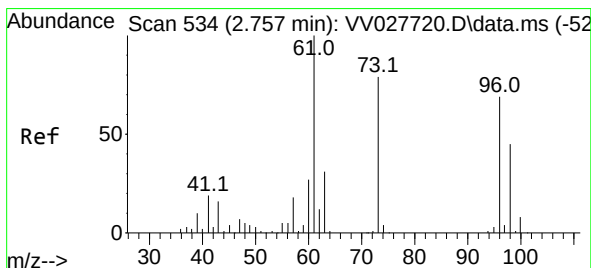
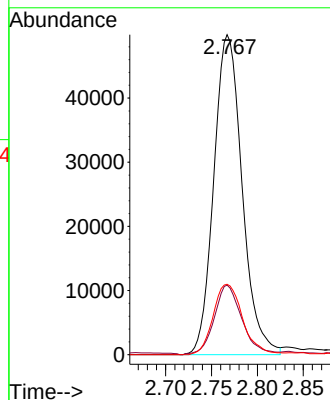
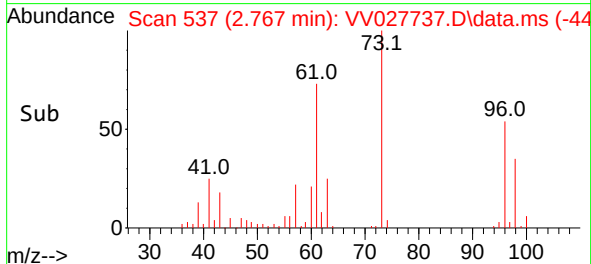


#17
Methyl tert-butyl Ether
Concen: 4.820 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

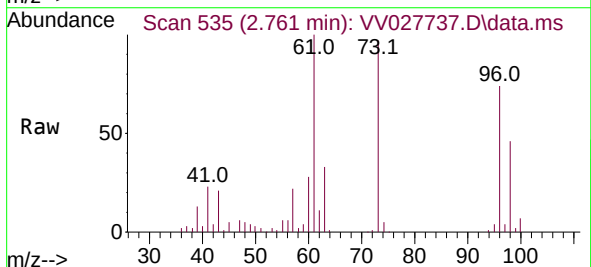
Instrument :
MSVOA_V
ClientSampleId :



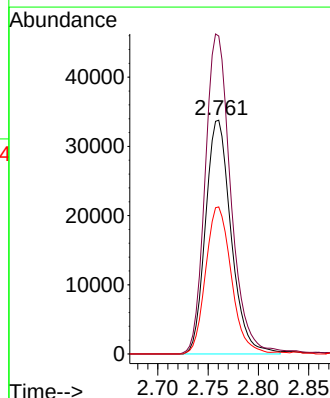
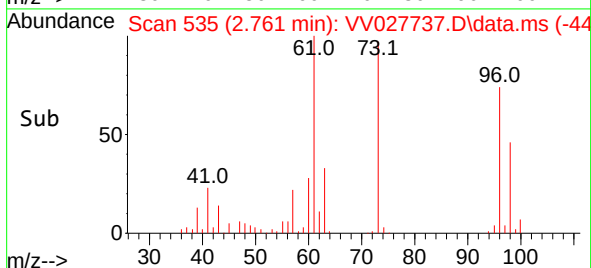
Tgt Ion: 73 Resp: 107170
Ion Ratio Lower Upper
73 100
43 21.2 16.5 24.7
57 22.9 18.2 27.2

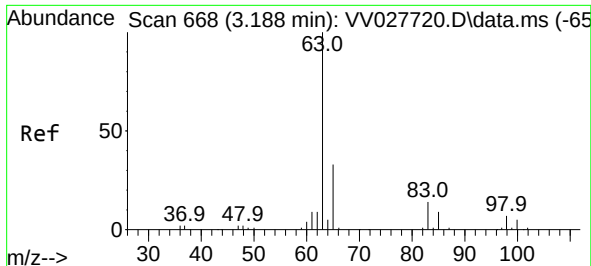


#18
trans-1,2-Dichloroethene
Concen: 5.079 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05



Tgt Ion: 96 Resp: 59910
Ion Ratio Lower Upper
96 100
61 136.0 101.8 189.0
98 62.9 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.945 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

ClientSampleId :

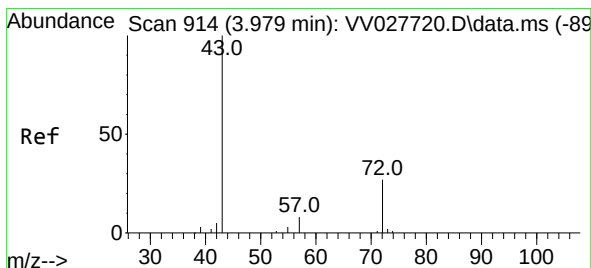
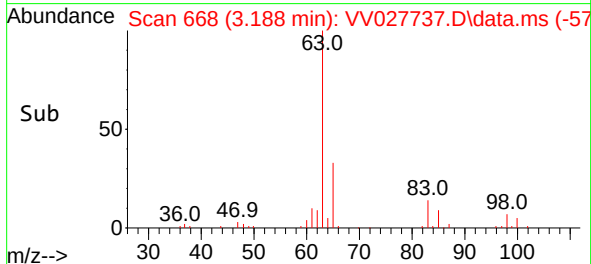
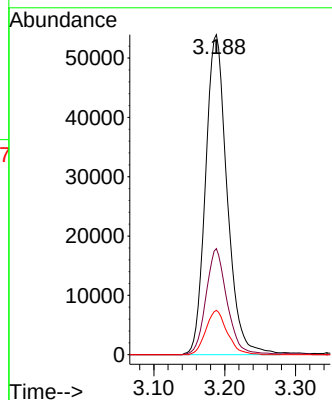
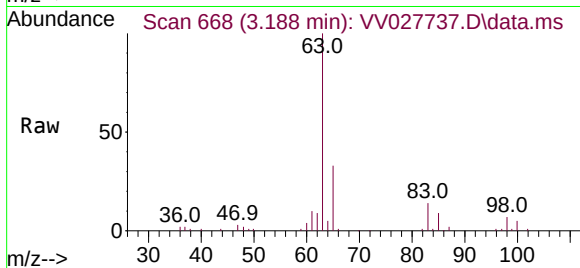
Tgt Ion: 63 Resp: 114208

Ion Ratio Lower Upper

63 100

65 33.1 22.7 42.1

83 13.9 9.7 18.1



#21

2-Butanone

Concen: 34.453 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.007 min

Lab File: VV027737.D

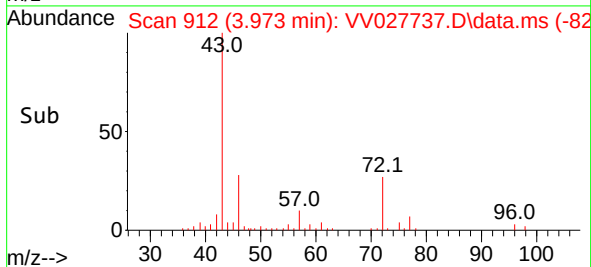
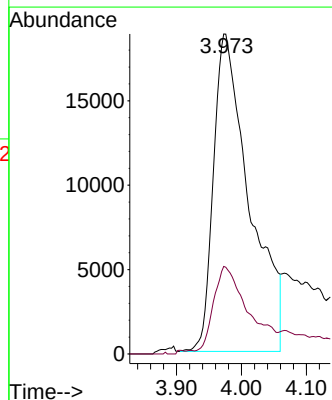
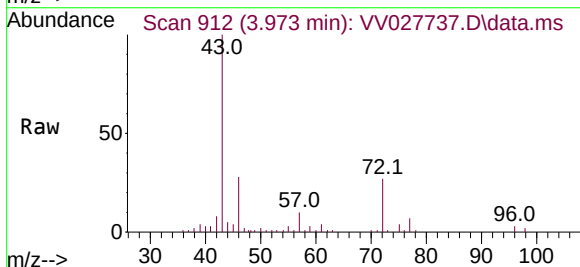
Acq: 02 Sep 2022 21:05

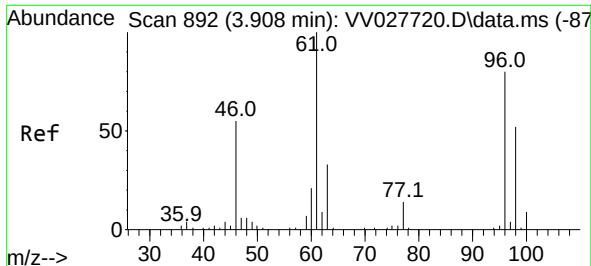
Tgt Ion: 43 Resp: 72408

Ion Ratio Lower Upper

43 100

72 25.4 8.3 24.9#





#22

cis-1,2-Dichloroethene

Concen: 4.894 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

ClientSampleId :

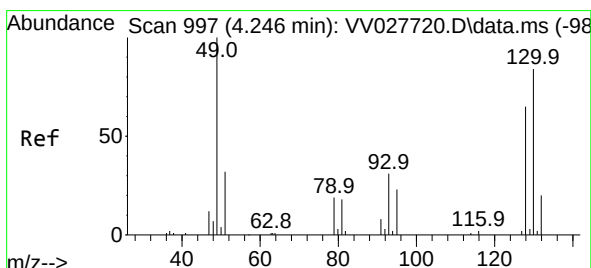
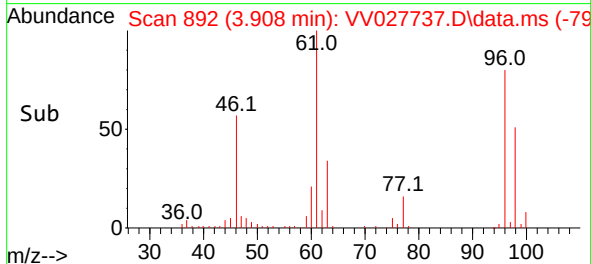
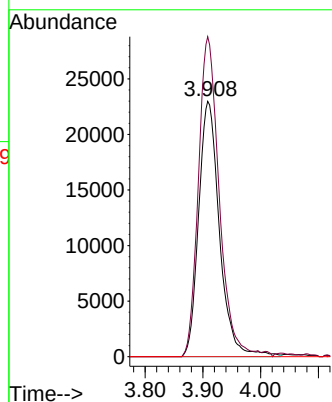
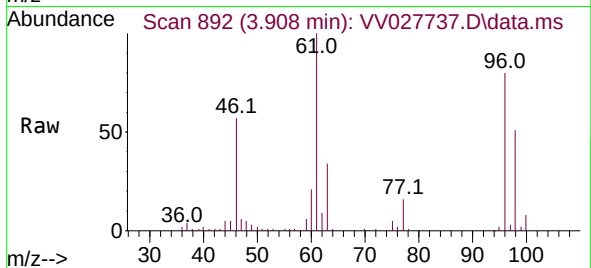
Tgt Ion: 96 Resp: 57619

Ion Ratio Lower Upper

96 100

61 125.3 96.9 180.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.060 ug/L

RT: 4.246 min Scan# 997

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Tgt Ion:128 Resp: 26392

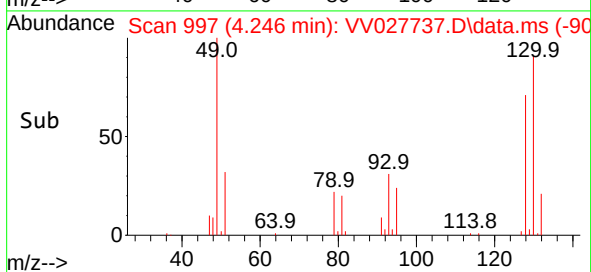
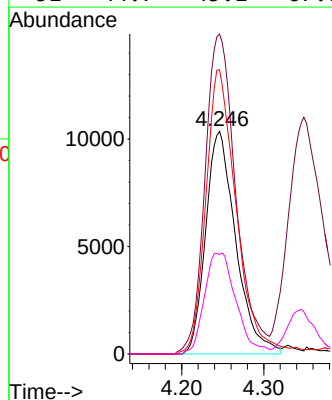
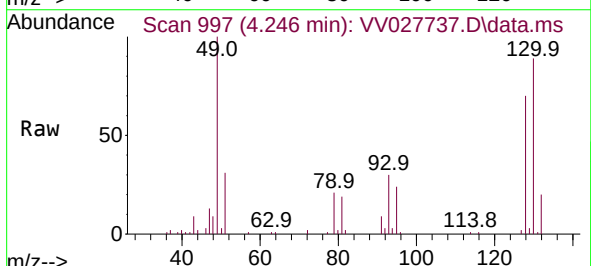
Ion Ratio Lower Upper

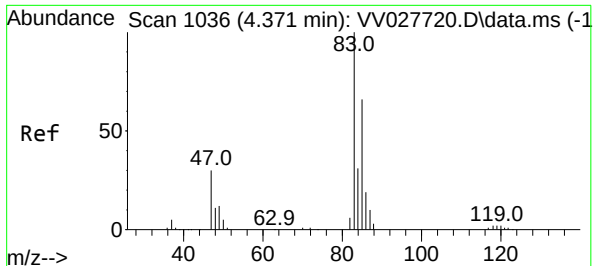
128 100

49 143.6 120.1 223.1

130 127.6 89.0 165.4

51 44.7 45.1 67.7#





#25

Chloroform

Concen: 4.905 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

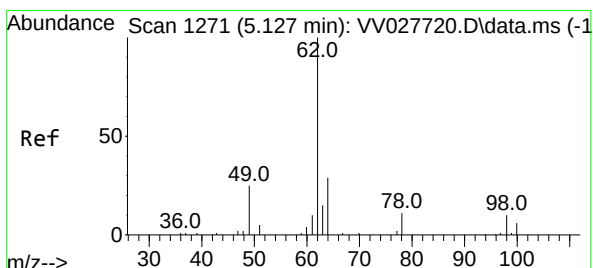
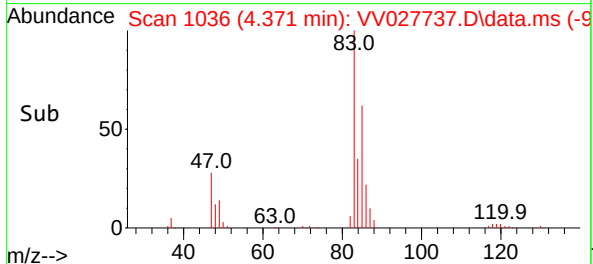
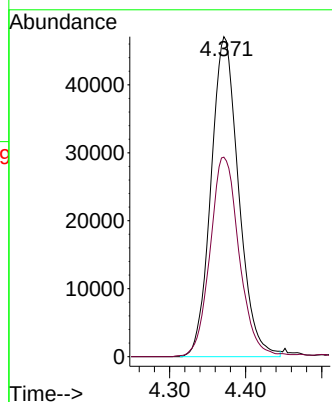
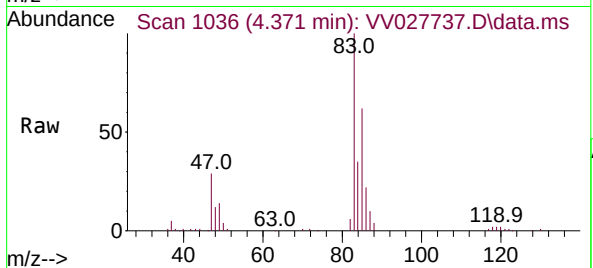
ClientSampleId :

Tgt Ion: 83 Resp: 118959

Ion Ratio Lower Upper

83 100

85 62.4 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.916 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027737.D

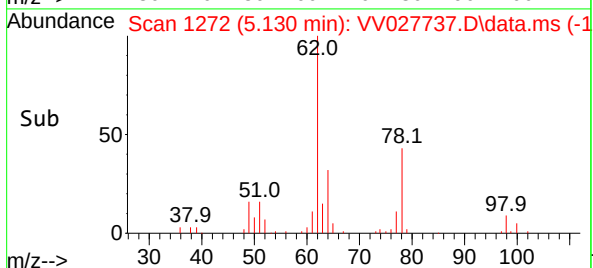
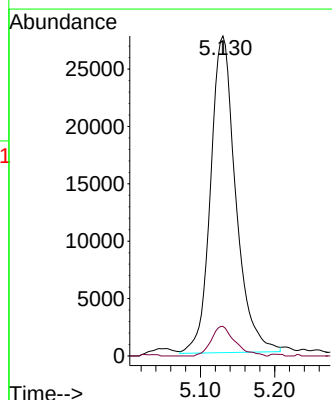
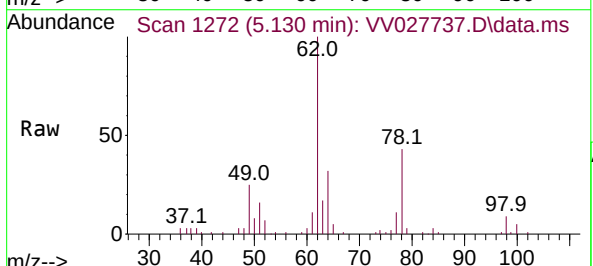
Acq: 02 Sep 2022 21:05

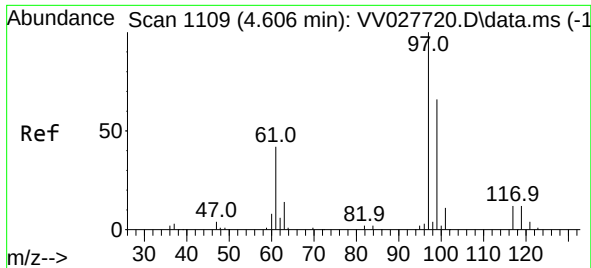
Tgt Ion: 62 Resp: 65081

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.108 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

ClientSampleId :

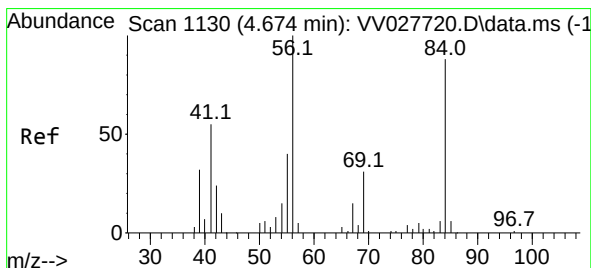
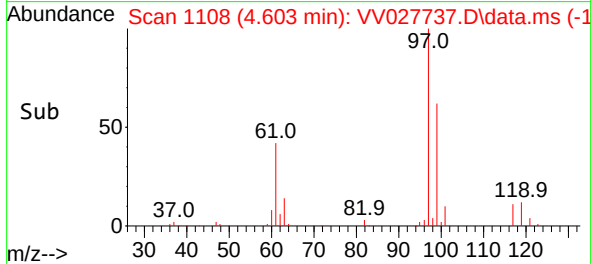
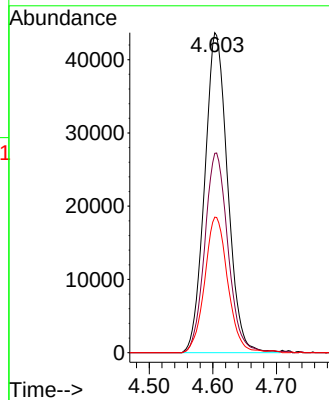
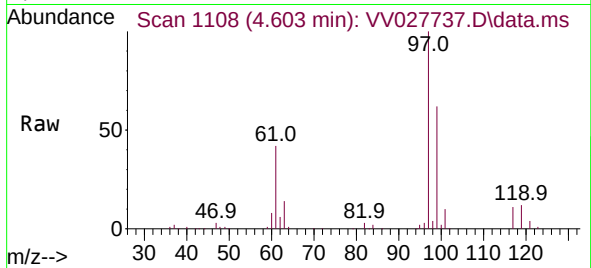
Tgt Ion: 97 Resp: 109468

Ion Ratio Lower Upper

97 100

99 63.1 50.6 75.8

61 42.5 36.1 54.1



#30

Cyclohexane

Concen: 4.510 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

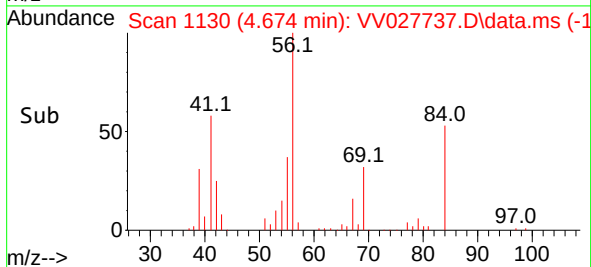
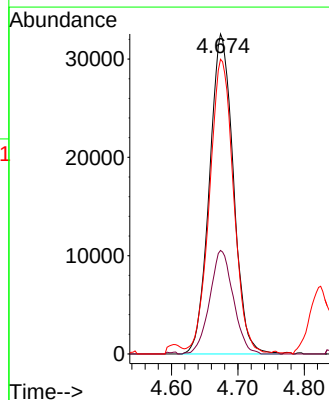
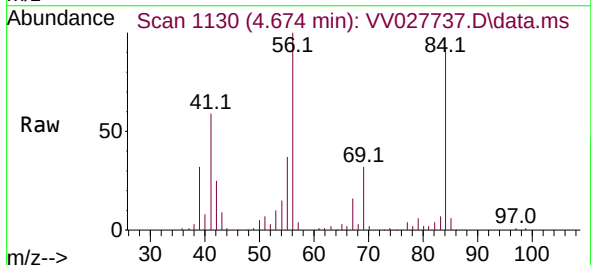
Tgt Ion: 56 Resp: 81536

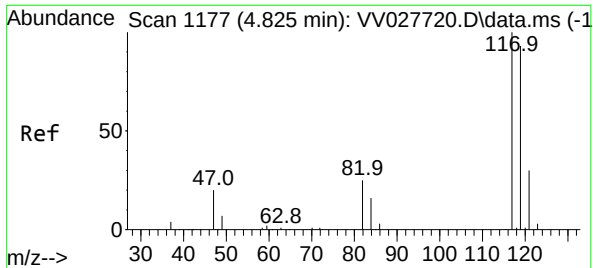
Ion Ratio Lower Upper

56 100

69 31.9 24.1 36.1

84 92.2 66.9 100.3

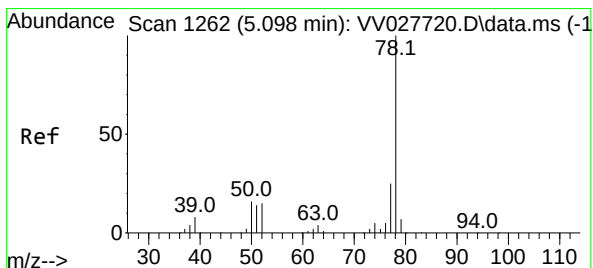
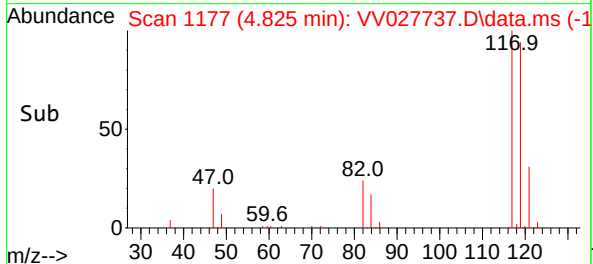
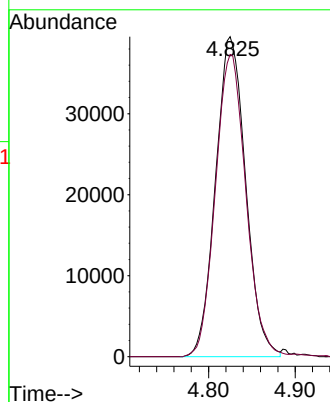
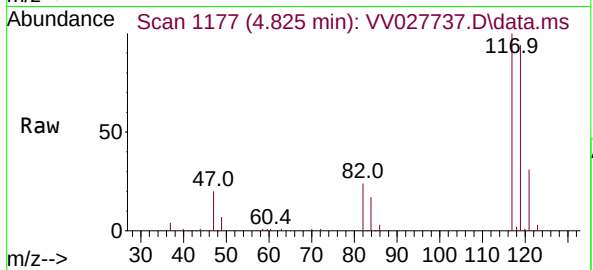




#31
Carbon tetrachloride
Concen: 5.198 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

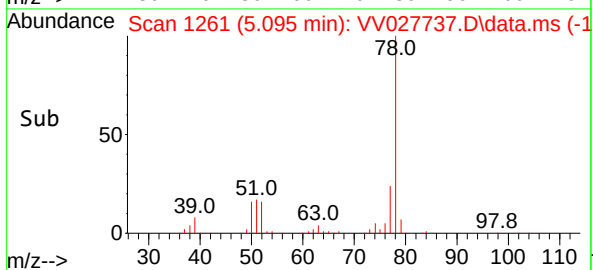
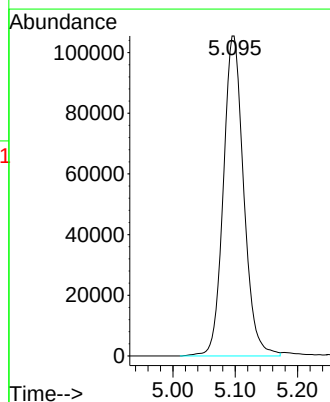
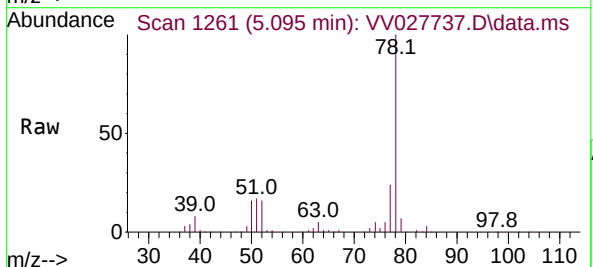
Instrument :
MSVOA_V
ClientSampleId :

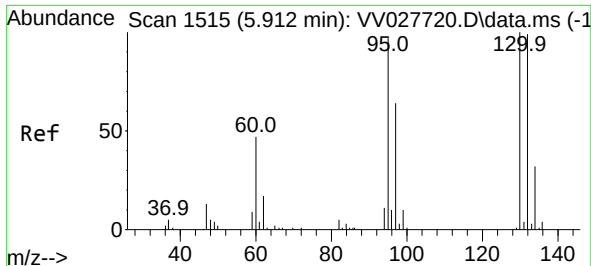
Tgt Ion:117 Resp: 95321
Ion Ratio Lower Upper
117 100
119 95.7 76.8 115.2



#33
Benzene
Concen: 4.952 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

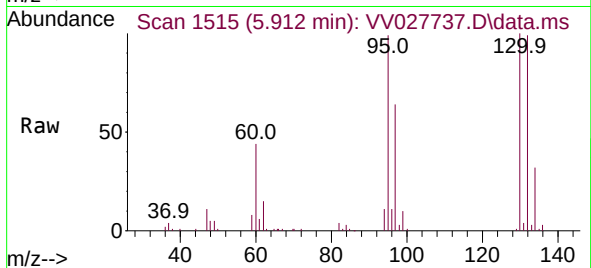
Tgt Ion: 78 Resp: 239382



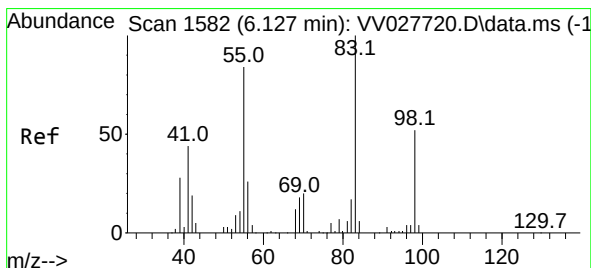
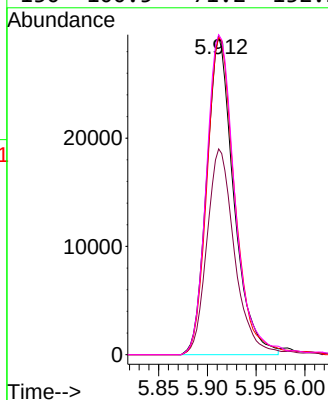
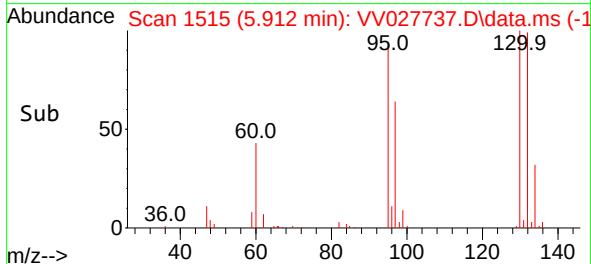


#34
Trichloroethene
Concen: 4.768 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

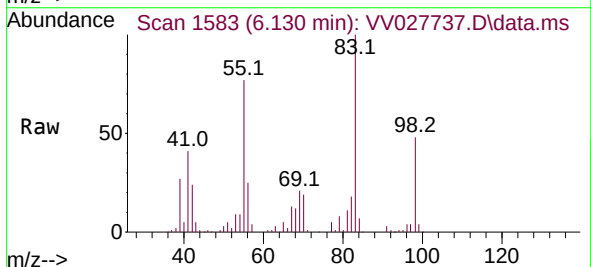
Instrument :
MSVOA_V
ClientSampleId :



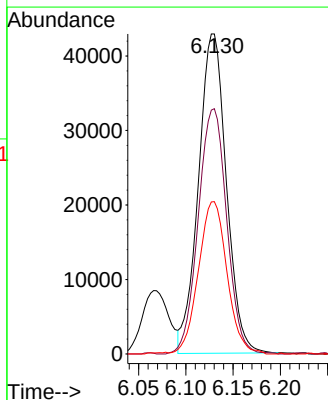
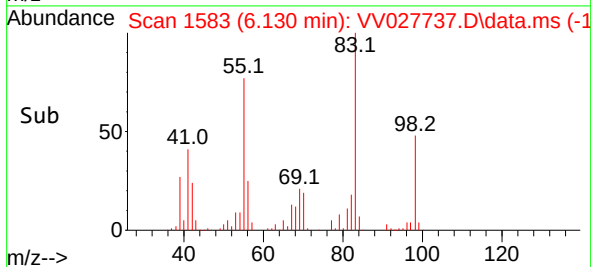
Tgt Ion: 95 Resp: 56653
Ion Ratio Lower Upper
95 100
97 64.7 46.1 85.5
132 99.7 67.3 125.1
130 100.5 71.2 132.2

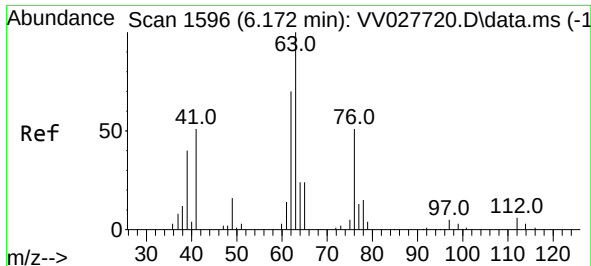


#35
Methylcyclohexane
Concen: 4.780 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05



Tgt Ion: 83 Resp: 88143
Ion Ratio Lower Upper
83 100
55 78.4 66.0 99.0
98 49.1 36.9 55.3





#37

1,2-Dichloropropane

Concen: 4.682 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

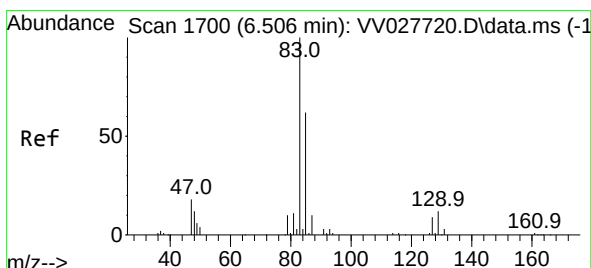
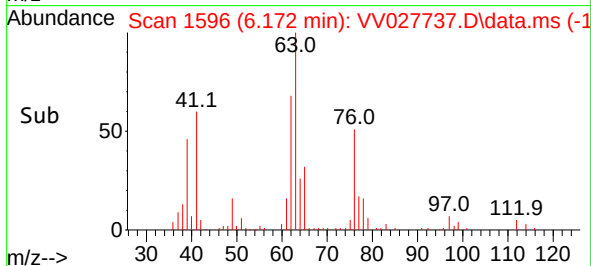
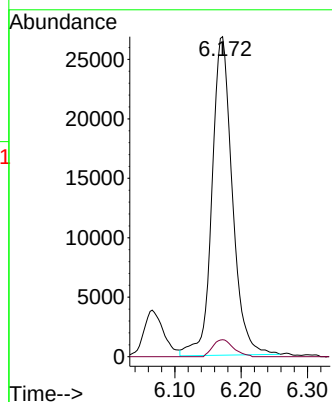
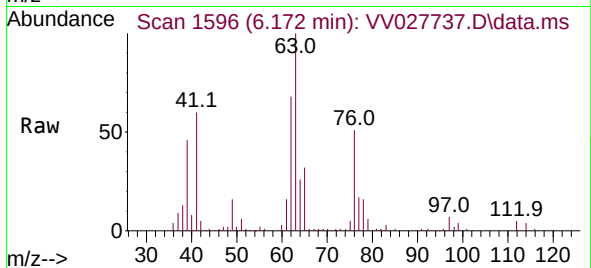
ClientSampleId :

Tgt Ion: 63 Resp: 57144

Ion Ratio Lower Upper

63 100

112 5.4 2.9 4.3#



#38

Bromodichloromethane

Concen: 4.840 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

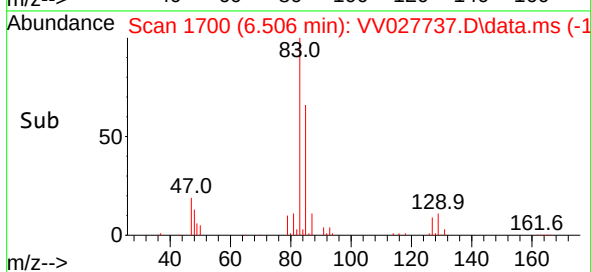
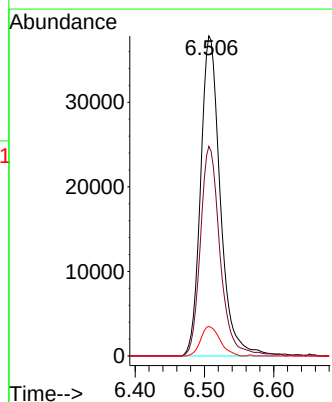
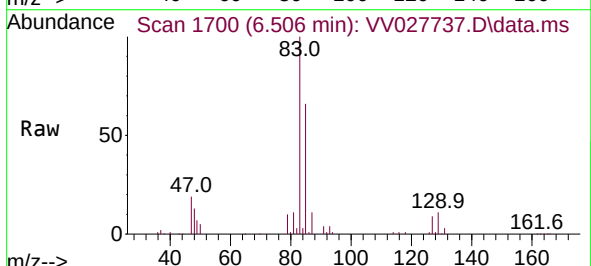
Tgt Ion: 83 Resp: 74718

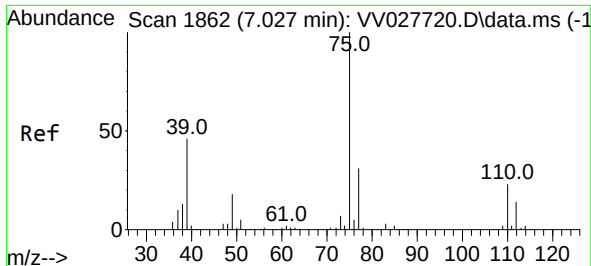
Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0

127 9.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.943 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

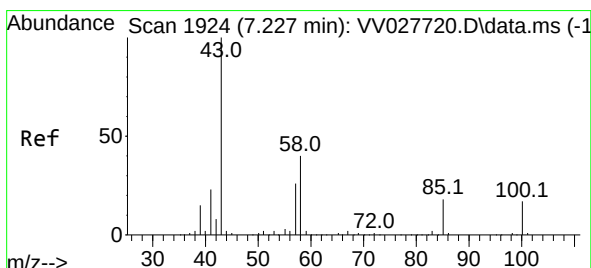
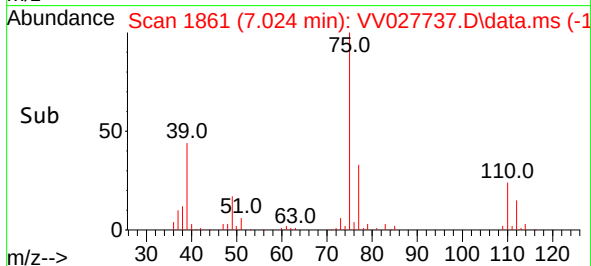
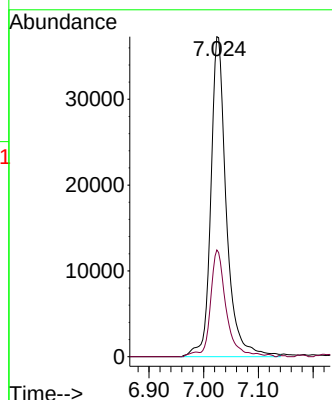
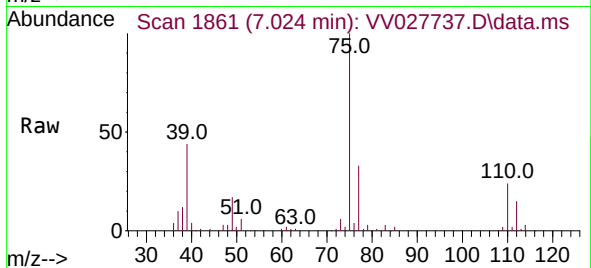
ClientSampleId :

Tgt Ion: 75 Resp: 73656

Ion Ratio Lower Upper

75 100

77 33.3 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 49.468 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

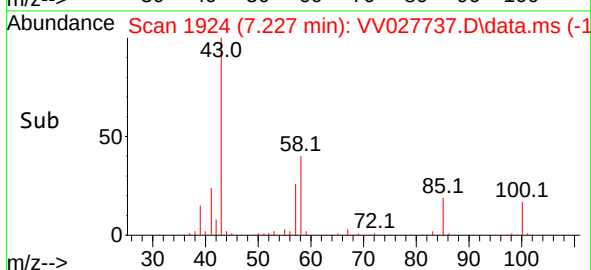
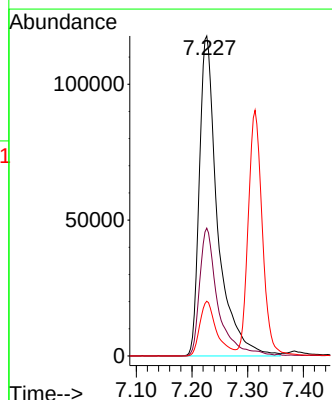
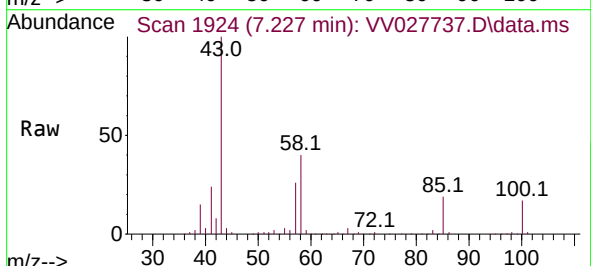
Tgt Ion: 43 Resp: 268364

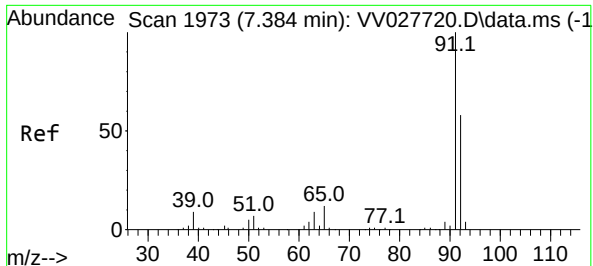
Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.0

100 15.9 10.5 15.7#

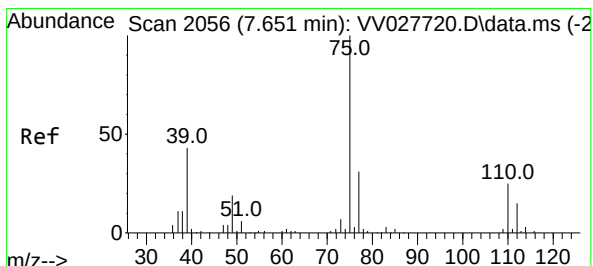
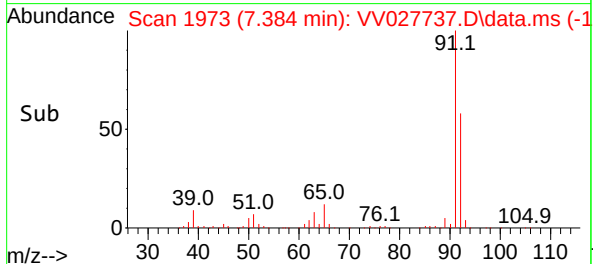
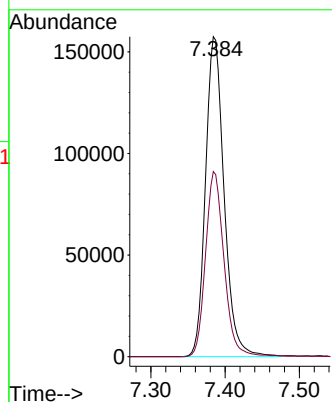
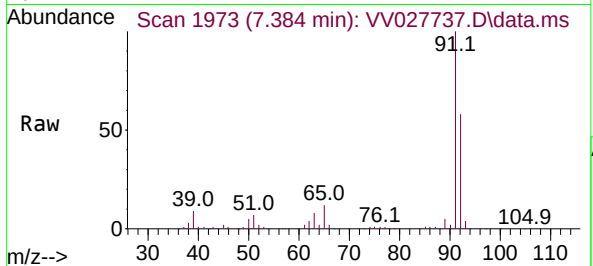




#42
Toluene
Concen: 5.672 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

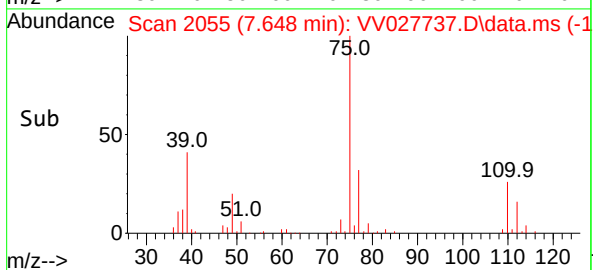
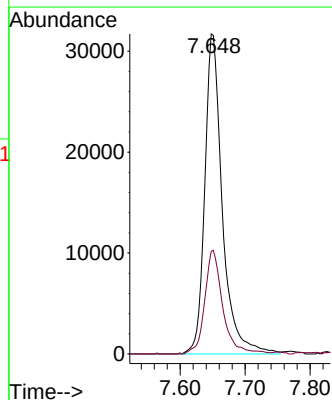
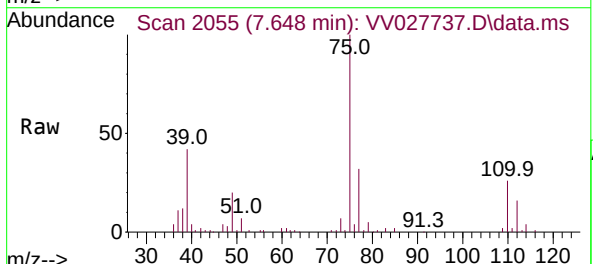
Instrument :
MSVOA_V
ClientSampleId :

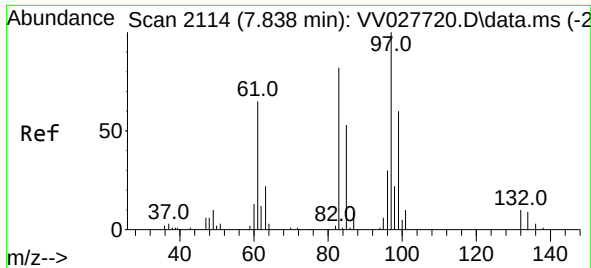
Tgt Ion: 91 Resp: 273774
Ion Ratio Lower Upper
91 100
92 57.8 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 4.917 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

Tgt Ion: 75 Resp: 59721
Ion Ratio Lower Upper
75 100
77 32.1 22.0 41.0

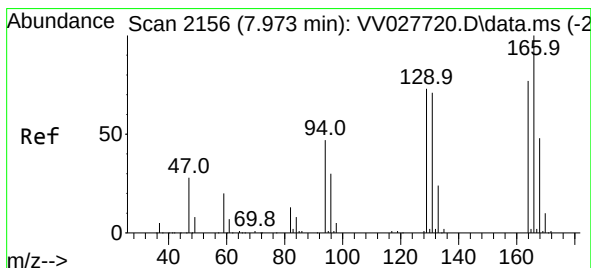
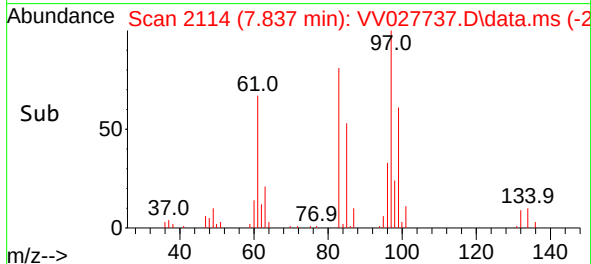
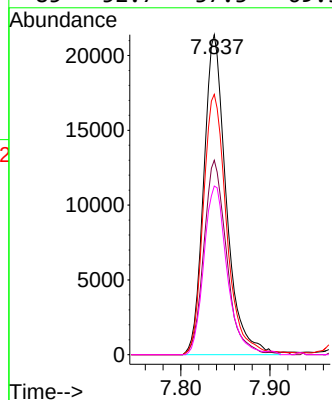
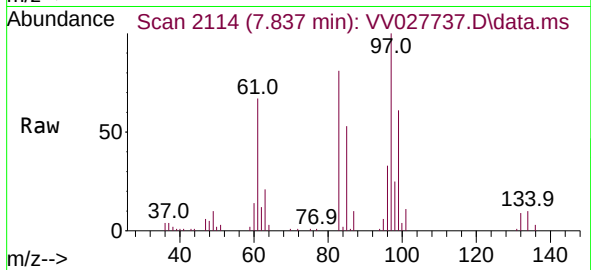




#45
 1,1,2-Trichloroethane
 Concen: 4.773 ug/L
 RT: 7.837 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: VV027737.D
 Acq: 02 Sep 2022 21:05

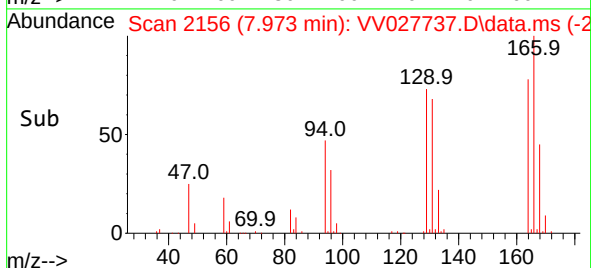
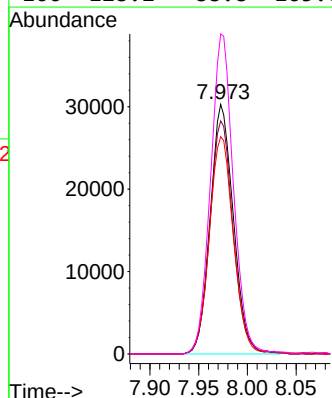
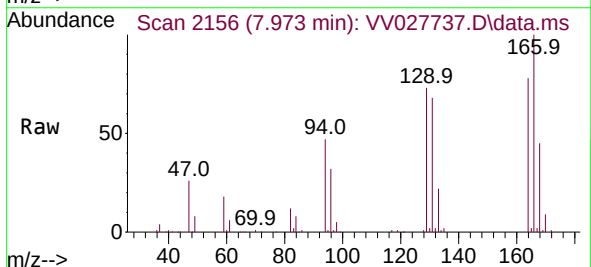
Instrument :
 MSVOA_V
 ClientSampleId :

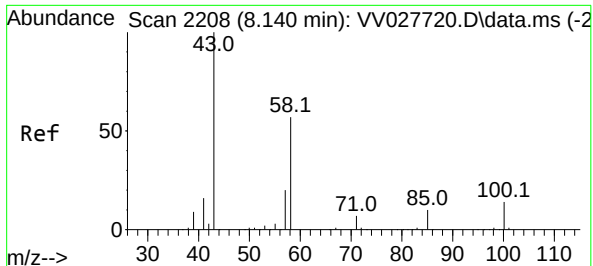
Tgt Ion: 97	Resp: 37579
Ion Ratio	Lower Upper
97 100	
99 60.8	41.3 76.7
83 81.3	57.5 106.9
85 52.7	37.3 69.3



#47
 Tetrachloroethene
 Concen: 5.219 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: VV027737.D
 Acq: 02 Sep 2022 21:05

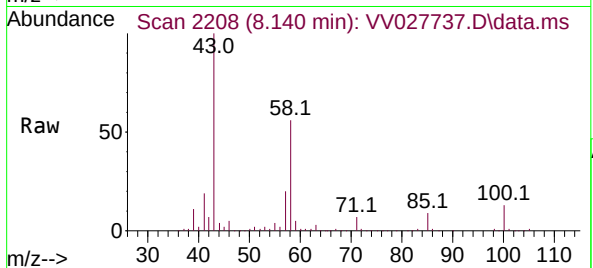
Tgt	Ion:164	Resp:	50285
Ion	Ratio	Lower	Upper
164	100		
129	93.4	65.9	122.3
131	87.0	64.5	119.7
166	128.2	88.8	165.0



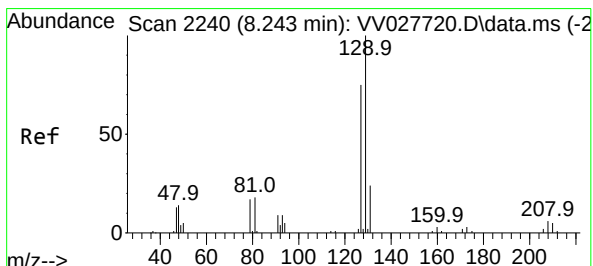
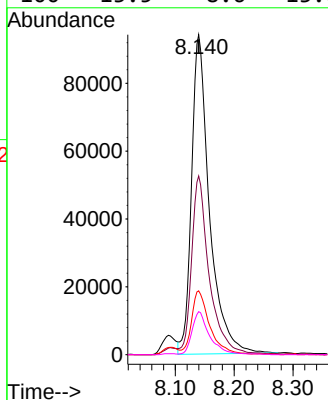
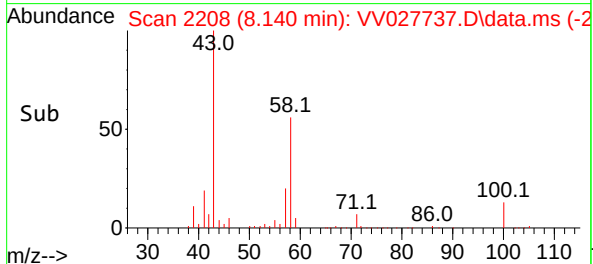


#48
2-Hexanone
Concen: 48.797 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

Instrument :
MSVOA_V
ClientSampleId :

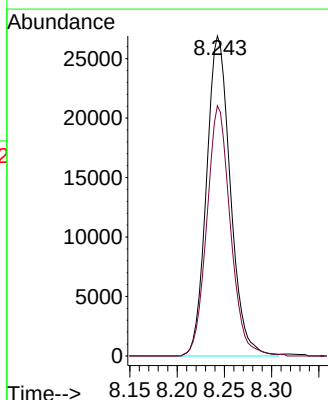
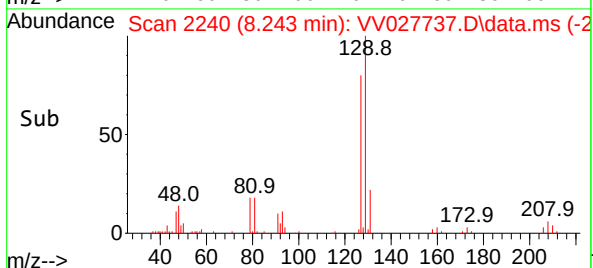
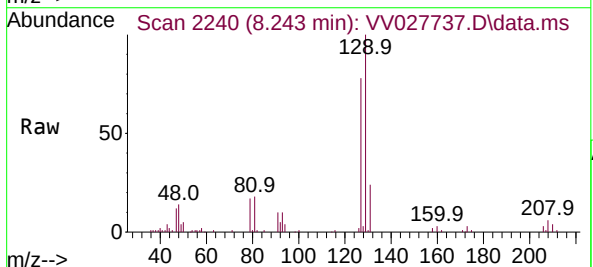


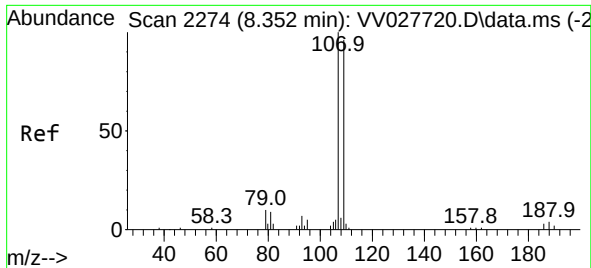
Tgt Ion: 43 Resp: 198665
Ion Ratio Lower Upper
43 100
58 54.4 42.1 63.1
57 20.0 14.5 21.7
100 13.5 8.6 13.0#



#49
Dibromochloromethane
Concen: 5.055 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

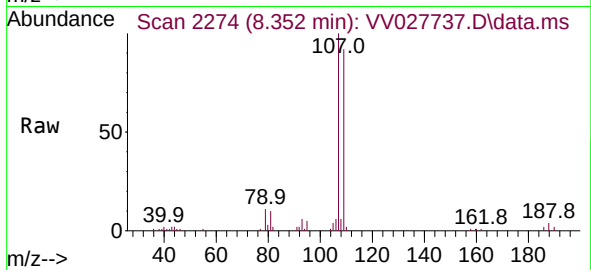
Tgt Ion: 129 Resp: 47158
Ion Ratio Lower Upper
129 100
127 78.2 52.4 97.4



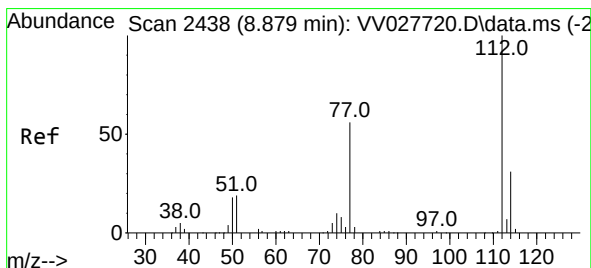
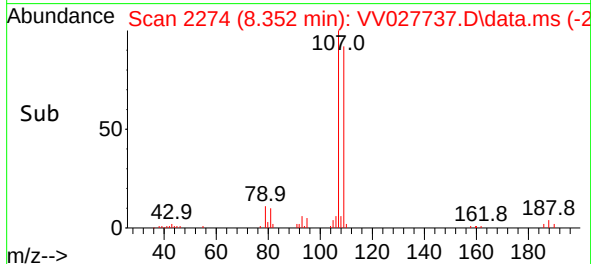
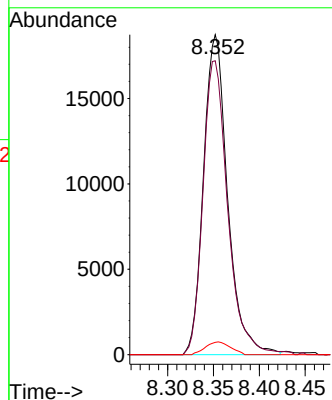


#50
1,2-Dibromoethane
Concen: 4.865 ug/L
RT: 8.352 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

Instrument :
MSVOA_V
ClientSampleId :

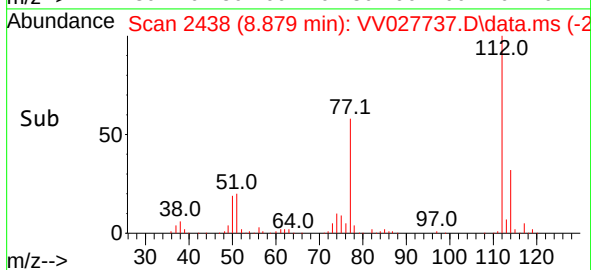
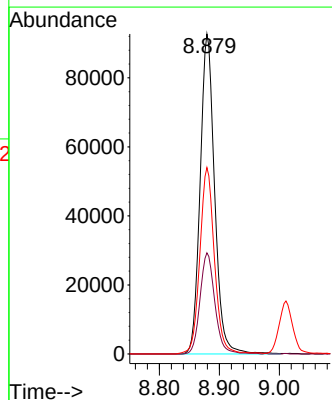
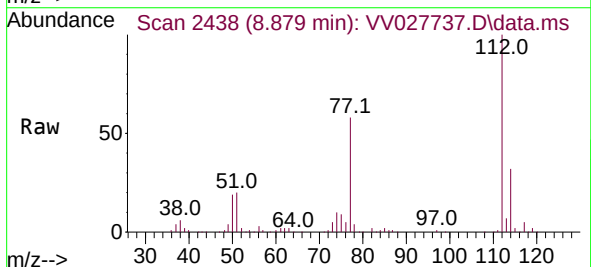


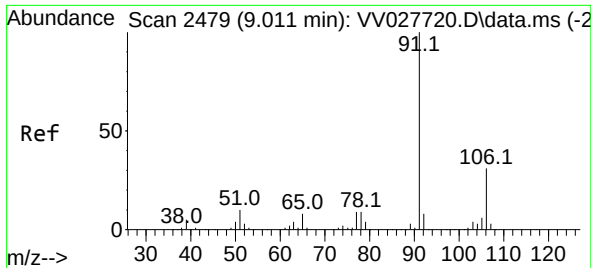
Tgt Ion:107 Resp: 34312
Ion Ratio Lower Upper
107 100
109 91.8 66.2 123.0
188 3.9 2.6 3.8#



#51
Chlorobenzene
Concen: 5.125 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

Tgt Ion:112 Resp: 155983
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.3
77 58.2 48.5 72.7





#52

Ethylbenzene

Concen: 5.164 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

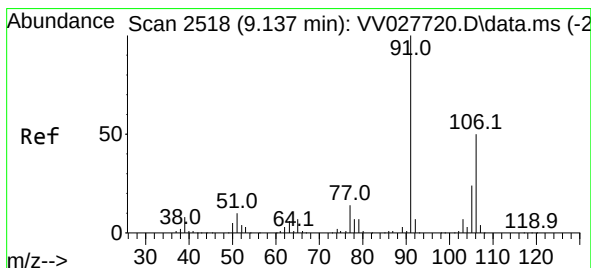
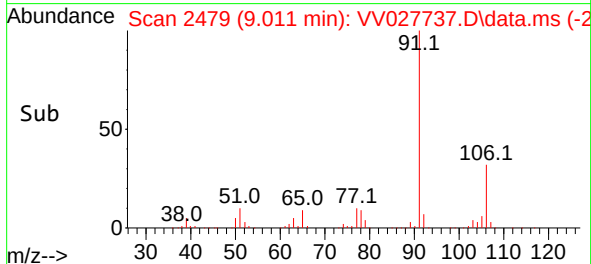
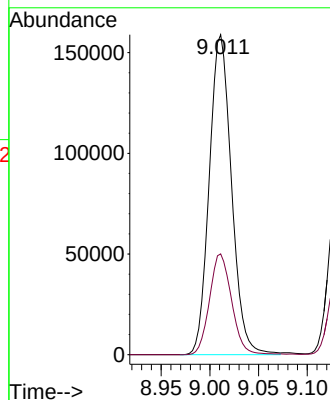
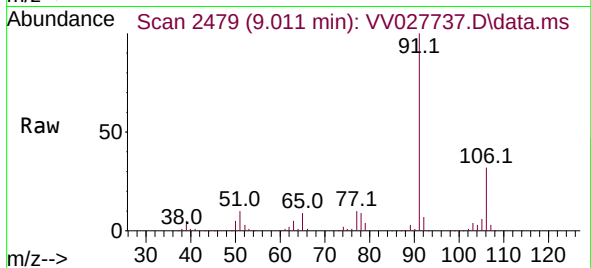
ClientSampleId :

Tgt Ion: 91 Resp: 252543

Ion Ratio Lower Upper

91 100

106 31.5 21.9 40.7



#53

m,p-Xylene

Concen: 5.406 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV027737.D

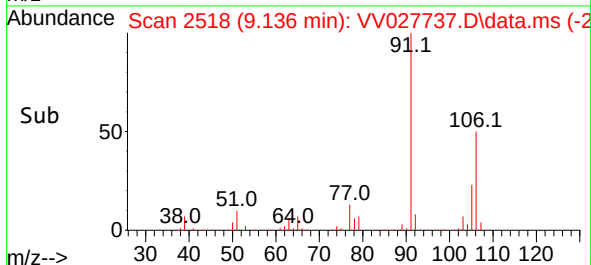
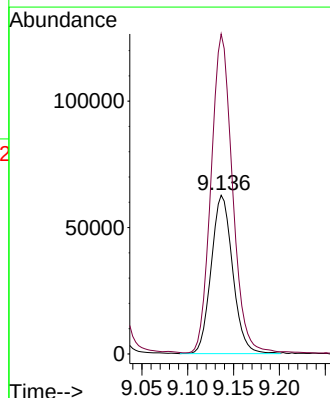
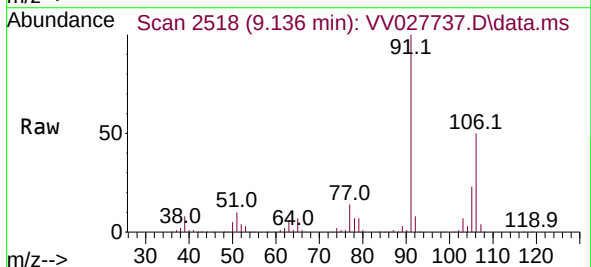
Acq: 02 Sep 2022 21:05

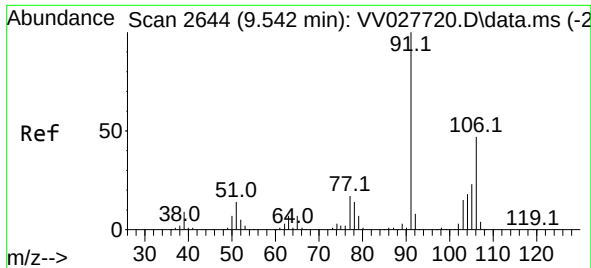
Tgt Ion: 106 Resp: 101631

Ion Ratio Lower Upper

106 100

91 201.6 147.3 273.5

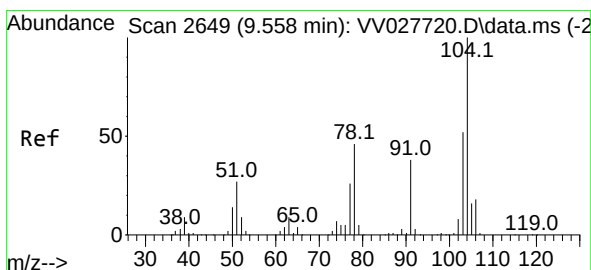
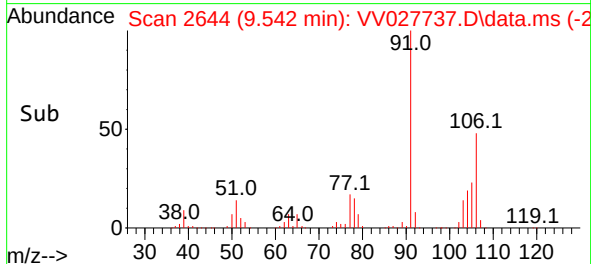
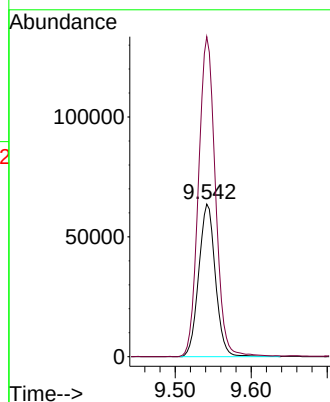
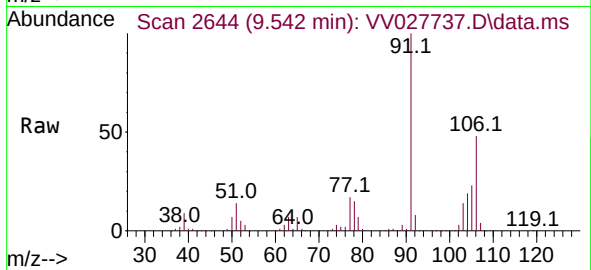




#54
o-Xylene
Concen: 5.405 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

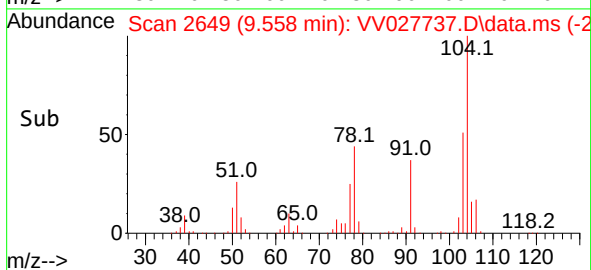
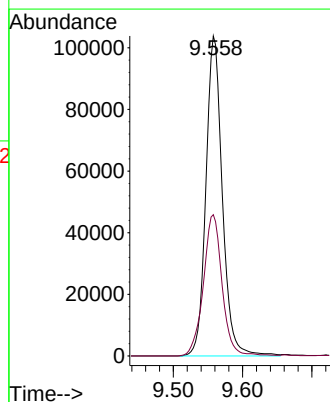
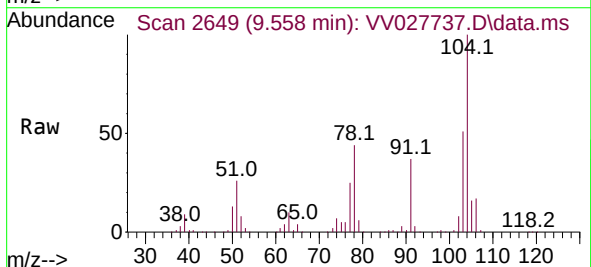
Instrument :
MSVOA_V
ClientSampleId :

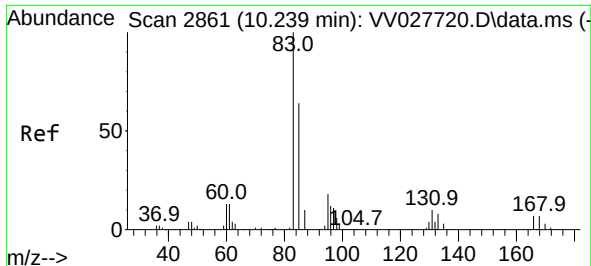
Tgt Ion:106 Resp: 96975
Ion Ratio Lower Upper
106 100
91 209.7 152.9 284.1



#55
Styrene
Concen: 5.576 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

Tgt Ion:104 Resp: 170823
Ion Ratio Lower Upper
104 100
78 44.1 31.1 57.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.908 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV027737.D

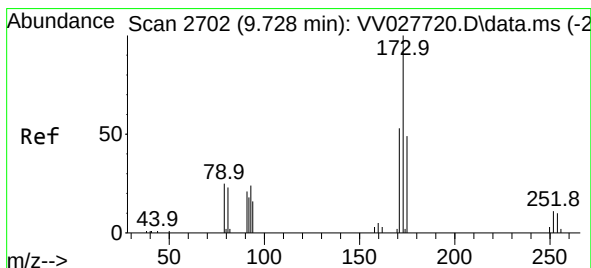
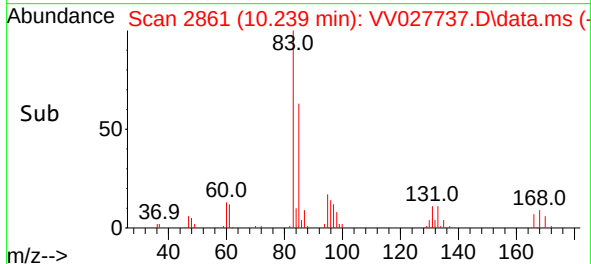
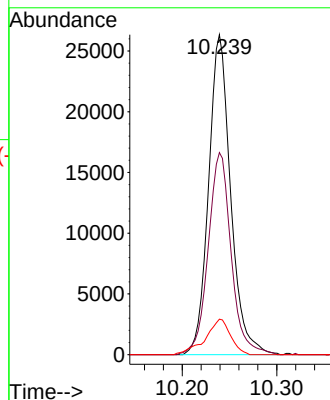
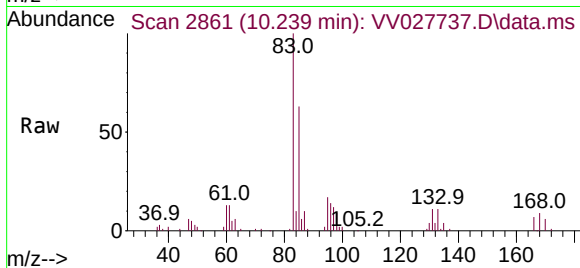
Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	42724
Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.6	84.8
131	11.1	8.0	12.0



#59

Bromoform

Concen: 4.960 ug/L

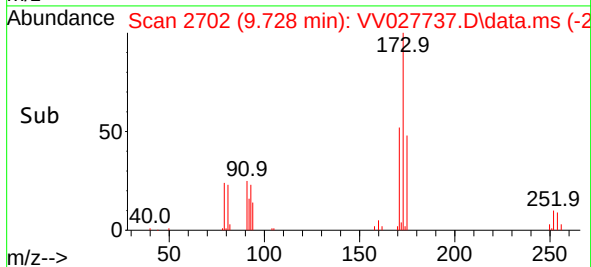
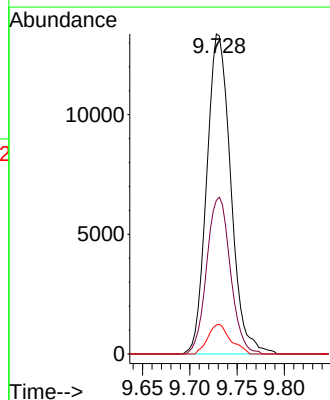
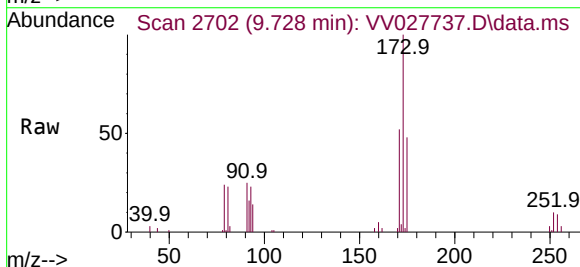
RT: 9.728 min Scan# 2702

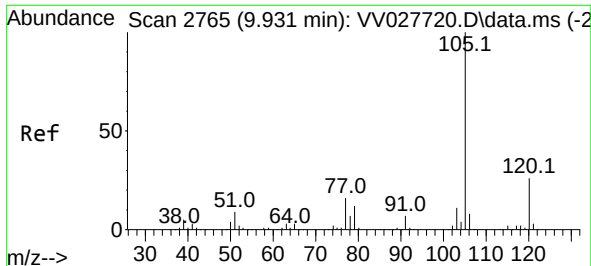
Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Tgt Ion:	173	Resp:	23630
Ion	Ratio	Lower	Upper
173	100		
175	48.3	39.0	58.4
254	8.7	7.0	10.4

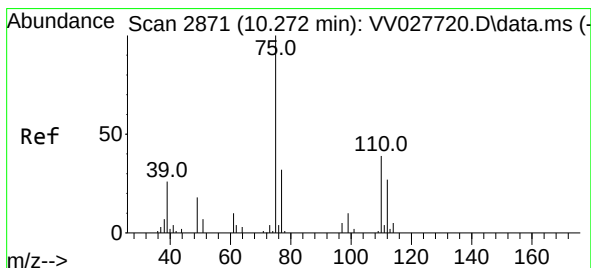
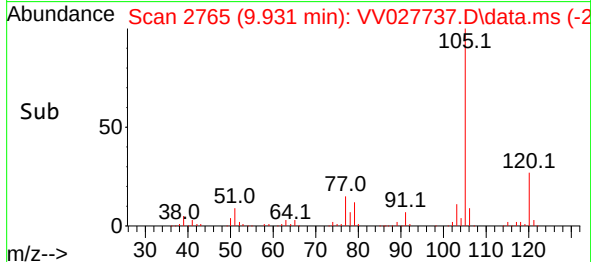
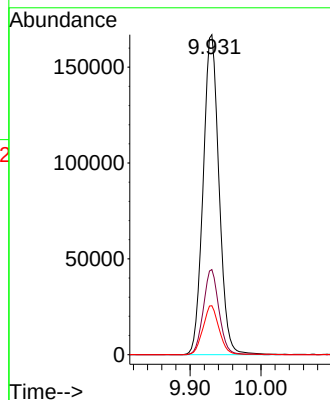
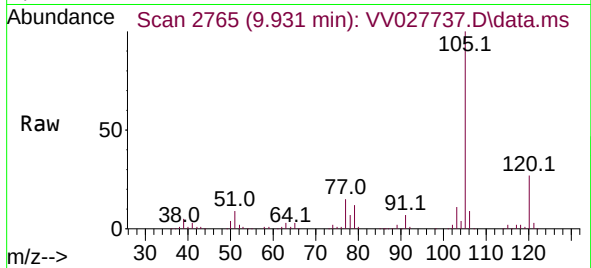




#60
Isopropylbenzene
Concen: 5.124 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

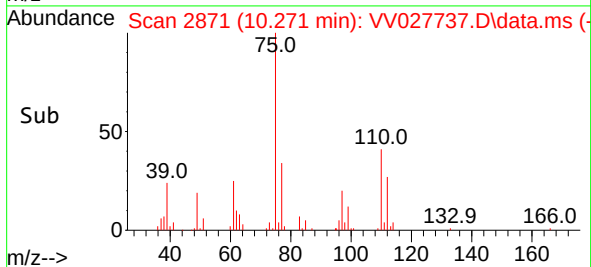
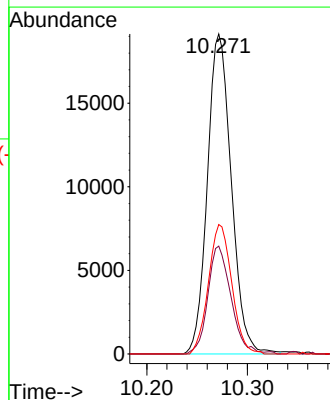
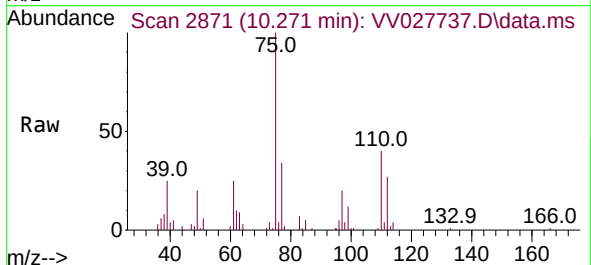
Instrument :
MSVOA_V
ClientSampleId :

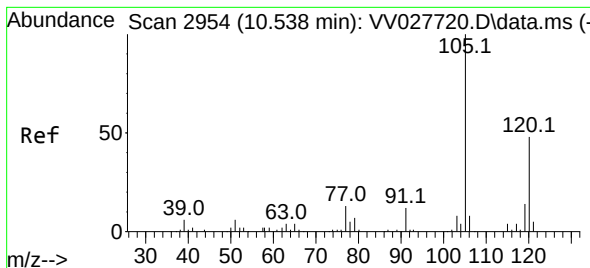
Tgt Ion:105 Resp: 260109
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 15.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.673 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

Tgt Ion: 75 Resp: 31709
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 39.4 29.8 44.8





#62

1,3,5-Trimethylbenzene

Concen: 5.066 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

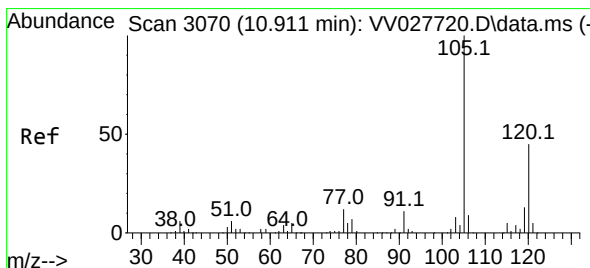
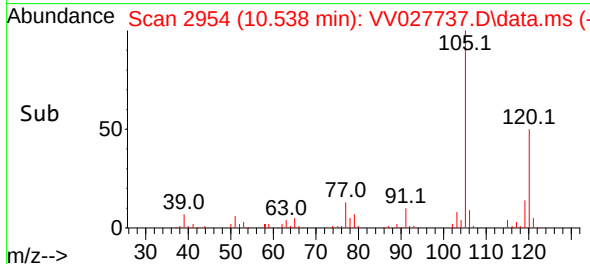
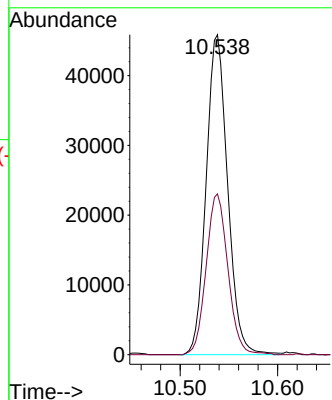
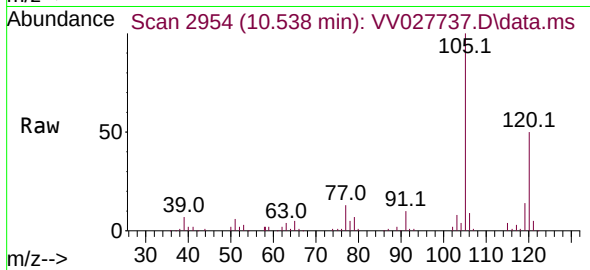
ClientSampleId :

Tgt Ion:105 Resp: 70166

Ion Ratio Lower Upper

105 100

120 51.0 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 4.982 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV027737.D

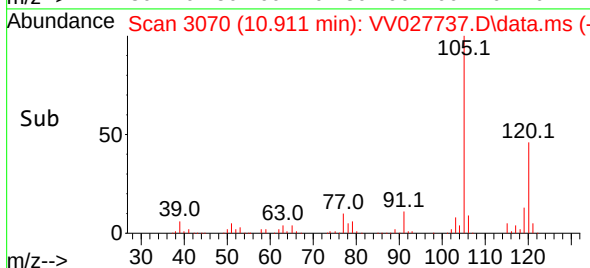
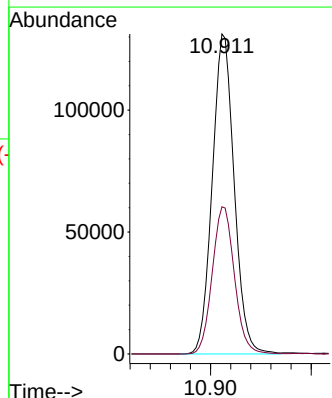
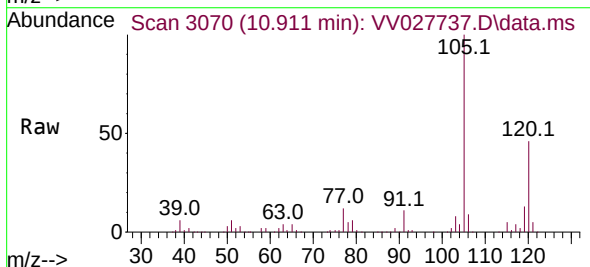
Acq: 02 Sep 2022 21:05

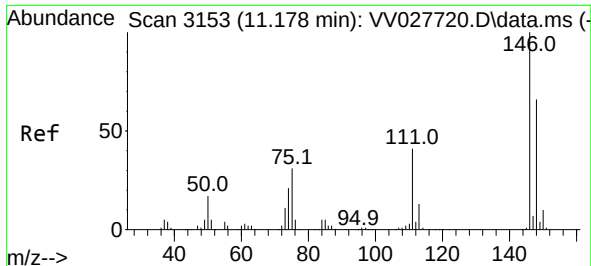
Tgt Ion:105 Resp: 198381

Ion Ratio Lower Upper

105 100

120 46.5 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 5.162 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

ClientSampleId :

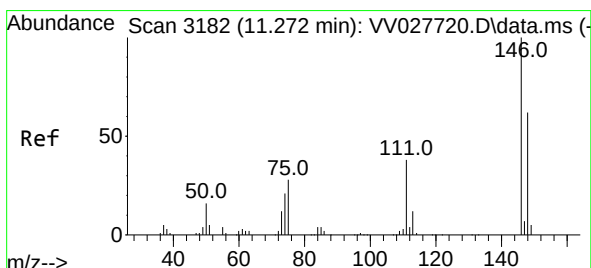
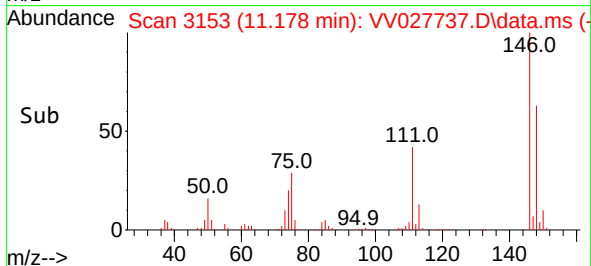
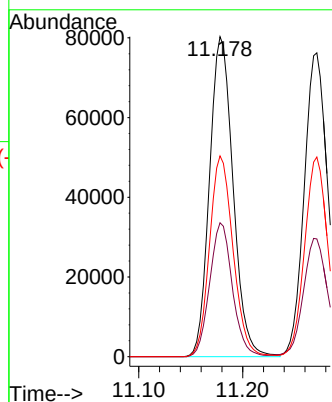
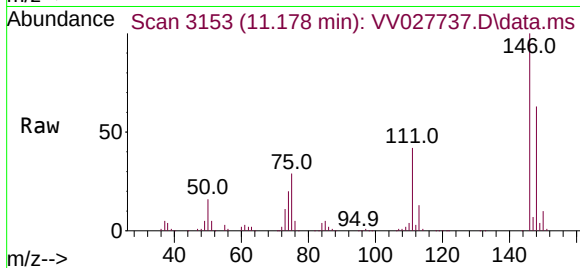
Tgt Ion:146 Resp: 126461

Ion Ratio Lower Upper

146 100

111 41.9 29.0 53.8

148 62.7 43.5 80.9



#65

1,4-Dichlorobenzene

Concen: 5.023 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

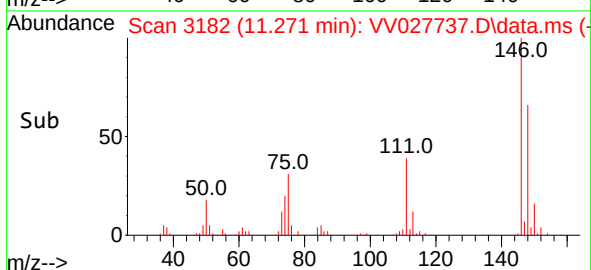
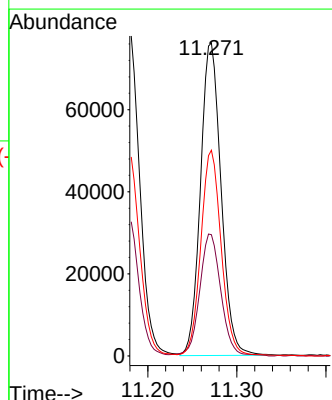
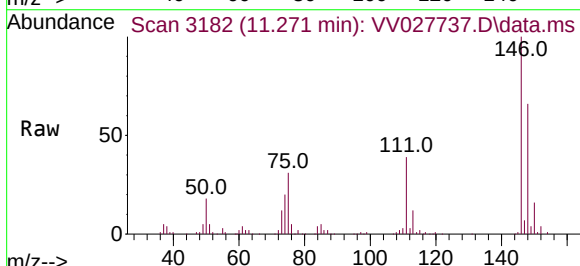
Tgt Ion:146 Resp: 122349

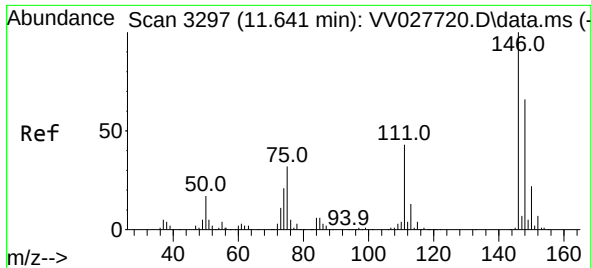
Ion Ratio Lower Upper

146 100

111 38.8 27.5 51.1

148 65.7 45.4 84.4

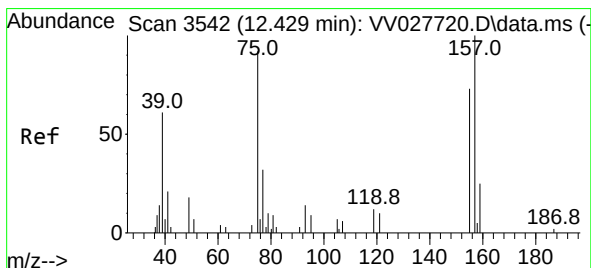
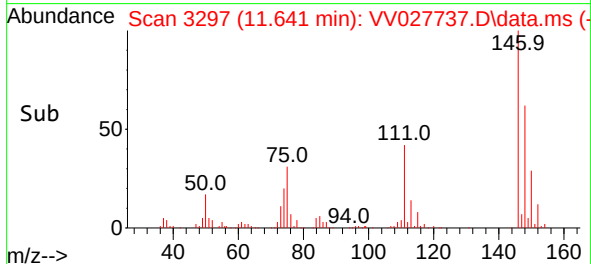
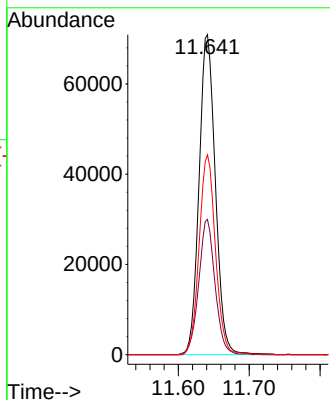
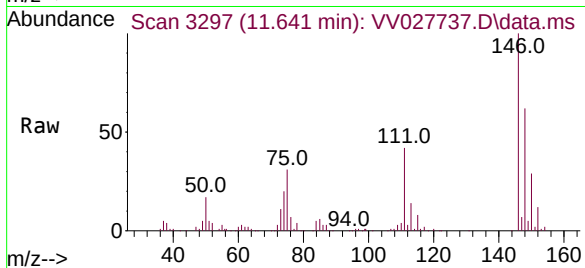




#67
1,2-Dichlorobenzene
Concen: 5.158 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

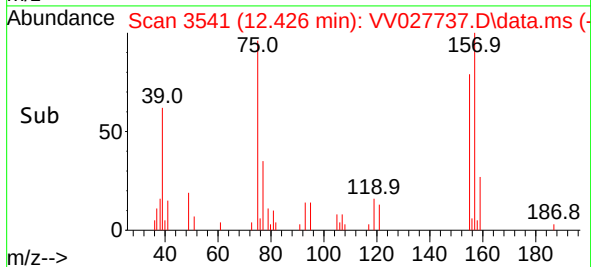
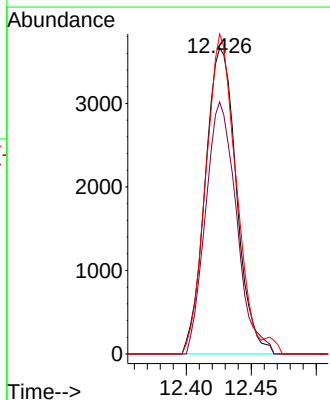
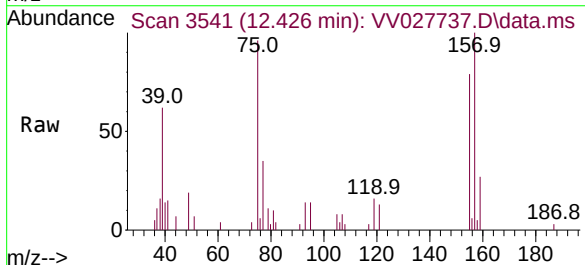
Instrument :
MSVOA_V
ClientSampleId :

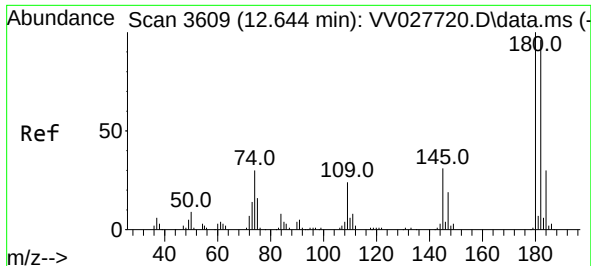
Tgt Ion:146 Resp: 113322
Ion Ratio Lower Upper
146 100
111 42.3 34.2 51.2
148 62.5 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.524 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV027737.D
Acq: 02 Sep 2022 21:05

Tgt Ion: 75 Resp: 6114
Ion Ratio Lower Upper
75 100
155 82.3 56.4 84.6
157 104.6 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 5.099 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

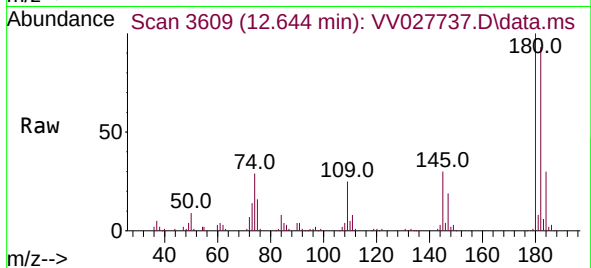
Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 90063

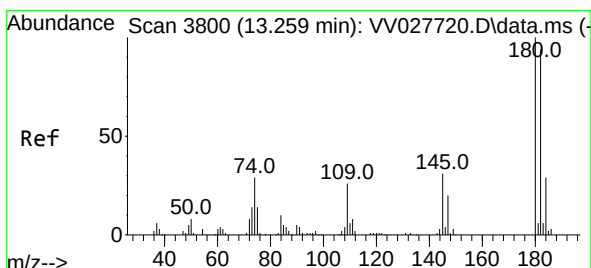
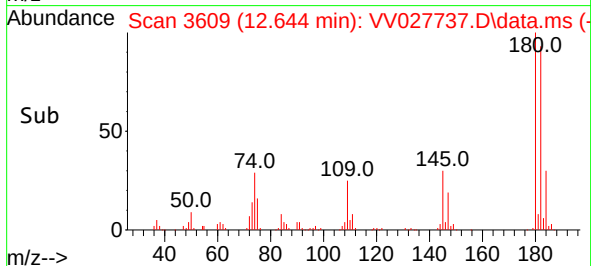
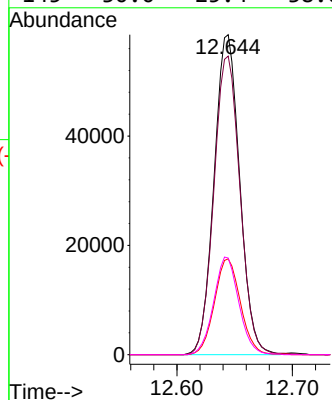
Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

184 30.4 23.5 35.3

145 30.0 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.007 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

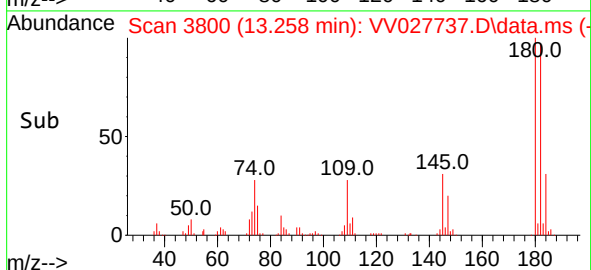
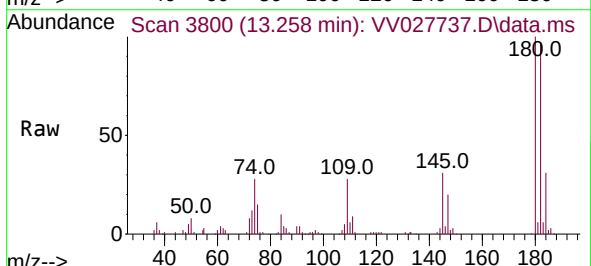
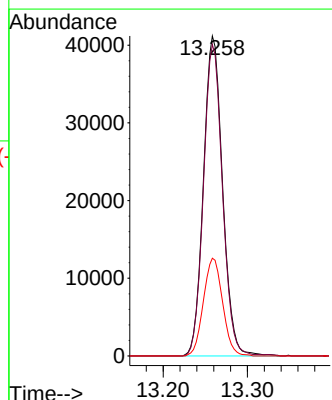
Tgt Ion:180 Resp: 65186

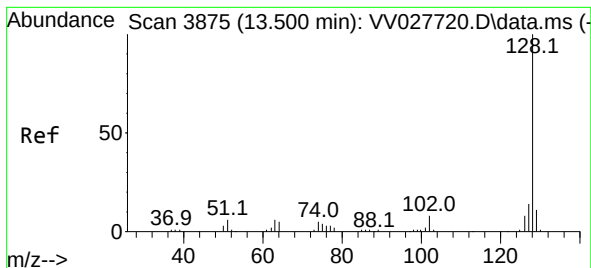
Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.8

145 30.6 24.6 37.0





#71

Naphthalene

Concen: 4.143 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Instrument :

MSVOA_V

ClientSampleId :

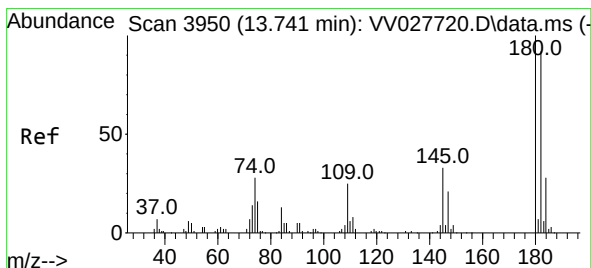
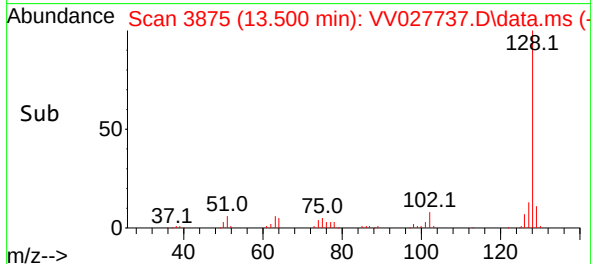
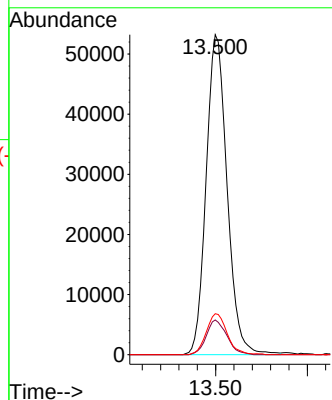
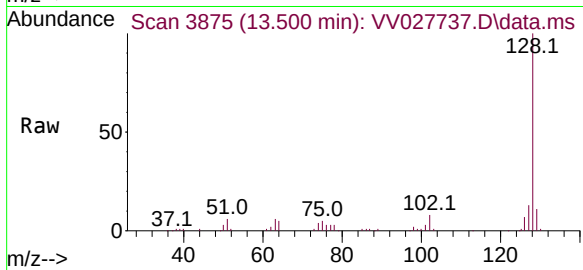
Tgt Ion:128 Resp: 84413

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

127 12.8 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 4.840 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027737.D

Acq: 02 Sep 2022 21:05

Tgt Ion:180 Resp: 56756

Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

145 31.6 27.4 41.0

