

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027625.D
 Acq On : 31 Aug 2022 18:20
 Operator : SY/MD
 Sample : VSTD01022
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 01:49:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:48:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	150583	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81426	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	171598	10.490	ug/L	0.00
7) Chloroethane-d5	1.564	69	138885	10.147	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	313223	9.783	ug/L	0.00
20) 2-Butanone-d5	3.886	46	225452	91.837	ug/L	-0.01
24) Chloroform-d	4.346	84	323772	9.859	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	146214	9.939	ug/L	0.00
32) Benzene-d6	5.047	84	633066	10.531	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	182914	9.837	ug/L	0.00
41) Toluene-d8	7.313	98	580787	11.156	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	63272	11.045	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	266809	123.858	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	120306	10.054	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	173949	9.542	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	205381	10.012	ug/L	99
3) Chloromethane	1.240	50	194882	9.922	ug/L	100
5) Vinyl chloride	1.310	62	190429	10.181	ug/L	96
6) Bromomethane	1.519	94	86167	9.803	ug/L	98
8) Chloroethane	1.584	64	104274	9.975	ug/L	97
9) Trichlorofluoromethane	1.751	101	242561	9.670	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	137759	10.088	ug/L	95
12) 1,1-Dichloroethene	2.117	96	122052	9.710	ug/L	94
13) Acetone	2.179	43	112121	61.912	ug/L	76
14) Carbon disulfide	2.291	76	400556	10.085	ug/L	100
15) Methyl Acetate	2.433	43	46329	9.331	ug/L	94
16) Methylene chloride	2.503	84	144750	9.129	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	273240	10.176	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	143811	10.094	ug/L	97
19) 1,1-Dichloroethane	3.185	63	279401	10.017	ug/L	98
21) 2-Butanone	3.973	43	198871	91.490	ug/L	86
22) cis-1,2-Dichloroethene	3.908	96	145962	10.265	ug/L	95
23) Bromochloromethane	4.243	128	63427	10.069	ug/L	98
25) Chloroform	4.371	83	286932	9.797	ug/L	97
27) 1,2-Dichloroethane	5.127	62	162167	10.142	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	252246	9.940	ug/L	99
30) Cyclohexane	4.677	56	232120	10.843	ug/L	99
31) Carbon tetrachloride	4.825	117	218705	10.072	ug/L	99
33) Benzene	5.095	78	604714	10.564	ug/L	100
34) Trichloroethene	5.912	95	143572	10.203	ug/L	97
35) Methylcyclohexane	6.127	83	240399	11.010	ug/L	98
37) 1,2-Dichloropropane	6.169	63	153185	10.598	ug/L	# 97
38) Bromodichloromethane	6.506	83	185788	10.163	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	191026	10.825	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	753741	117.331	ug/L	99
42) Toluene	7.384	91	637921	11.161	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	159703	11.105	ug/L	99

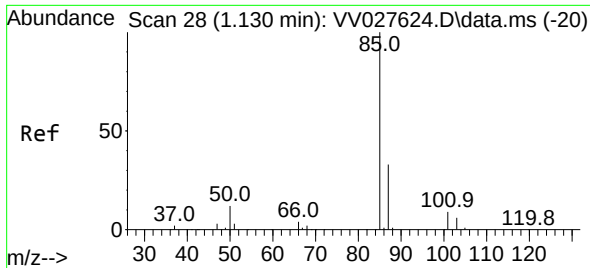
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:48:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	94512	10.137	ug/L	94
47) Tetrachloroethene	7.973	164	115335	10.109	ug/L	98
48) 2-Hexanone	8.137	43	547875	113.682	ug/L	98
49) Dibromochloromethane	8.243	129	114501	10.365	ug/L	97
50) 1,2-Dibromoethane	8.349	107	86174	10.318	ug/L	98
51) Chlorobenzene	8.879	112	376128	10.437	ug/L	99
52) Ethylbenzene	9.011	91	652358	11.265	ug/L	99
53) m,p-Xylene	9.136	106	256401	11.517	ug/L	99
54) o-Xylene	9.542	106	239166	11.258	ug/L	98
55) Styrene	9.558	104	433155	11.939	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	108185	10.495	ug/L	100
59) Bromoform	9.731	173	55652	9.622	ug/L	99
60) Isopropylbenzene	9.931	105	651657	10.574	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	77335	9.387	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	164625	9.791	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	527530	10.911	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	299717	10.078	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	298209	10.084	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	270169	10.128	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	15789	9.623	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	212886	9.928	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	157623	9.973	ug/L	100
71) Naphthalene	13.500	128	217578	8.797	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	145886	10.248	ug/L	98

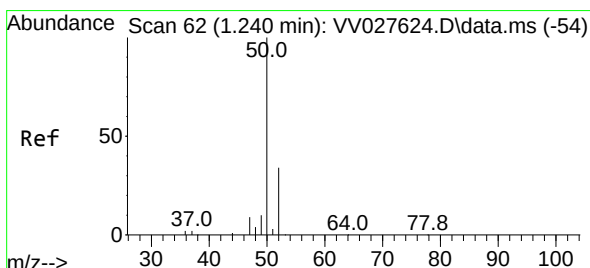
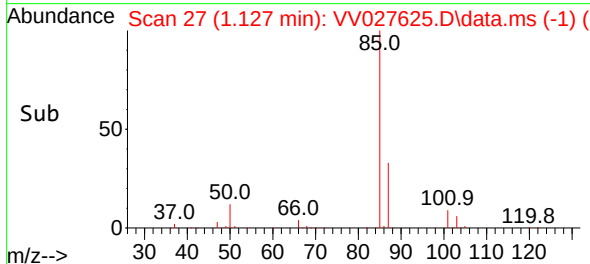
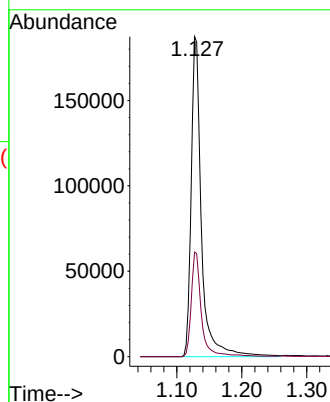
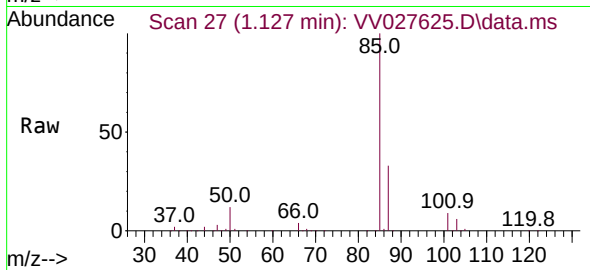
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.012 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV027625.D
 Acq: 31 Aug 2022 18:20

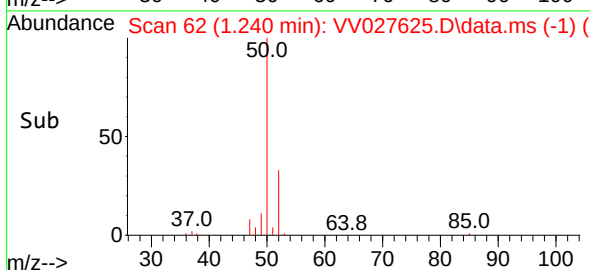
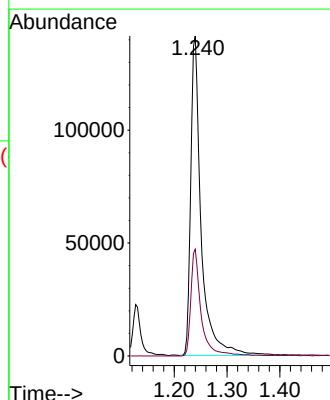
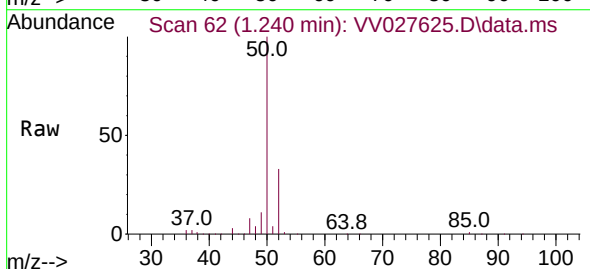
Instrument :
 MSVOA_V
 ClientSampleId :

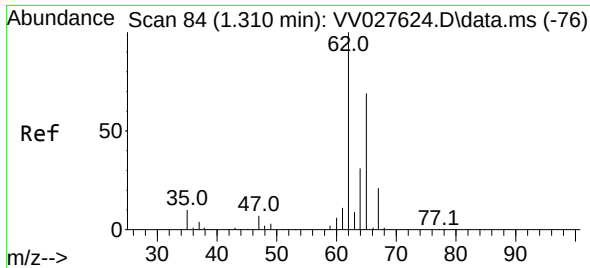
Tgt Ion: 85 Resp: 205381
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.4



#3
 Chloromethane
 Concen: 9.922 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027625.D
 Acq: 31 Aug 2022 18:20

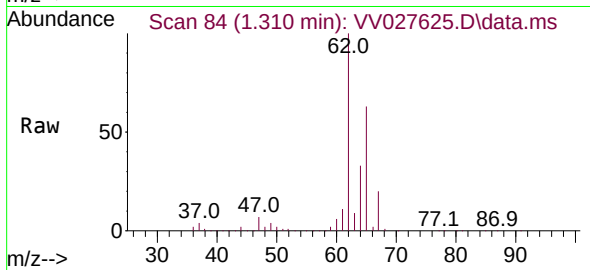
Tgt Ion: 50 Resp: 194882
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.5 43.7



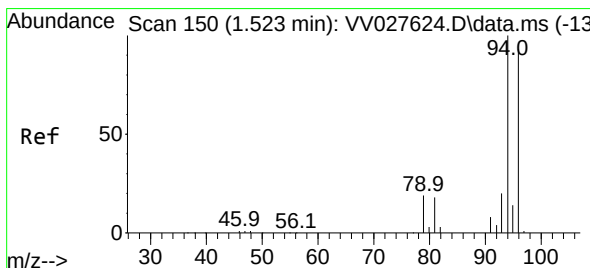
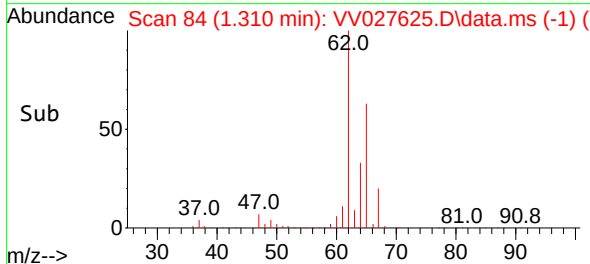
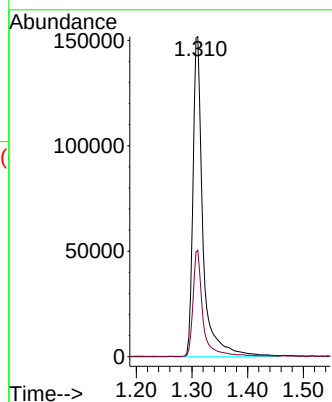


#5
 Vinyl chloride
 Concen: 10.181 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027625.D
 Acq: 31 Aug 2022 18:20

Instrument :
 MSVOA_V
 ClientSampleId :

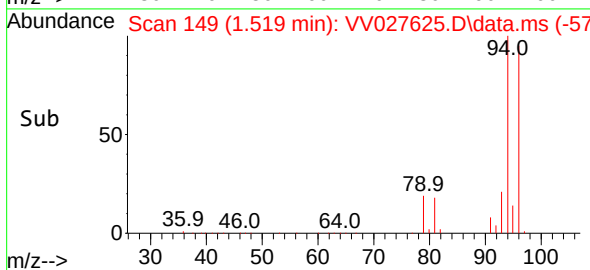
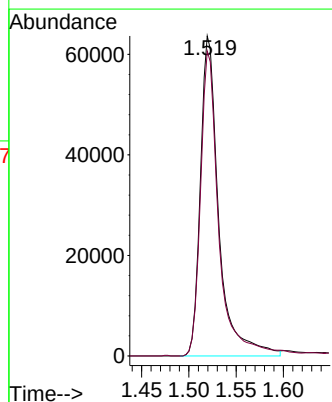
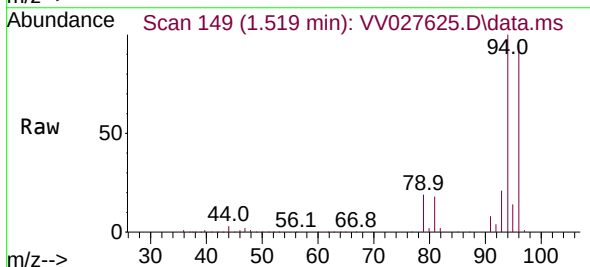


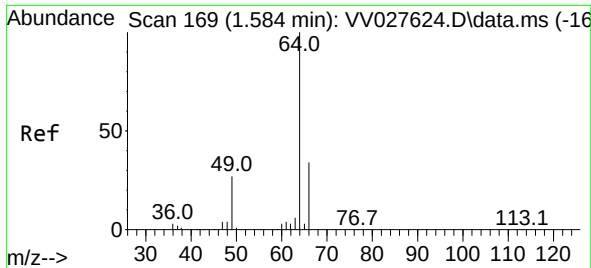
Tgt Ion: 62 Resp: 190429
 Ion Ratio Lower Upper
 62 100
 64 33.3 21.8 40.4



#6
 Bromomethane
 Concen: 9.803 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV027625.D
 Acq: 31 Aug 2022 18:20

Tgt Ion: 94 Resp: 86167
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.1 120.9

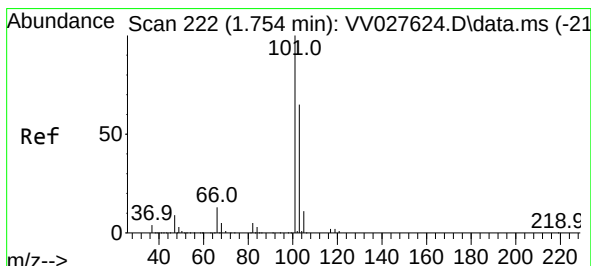
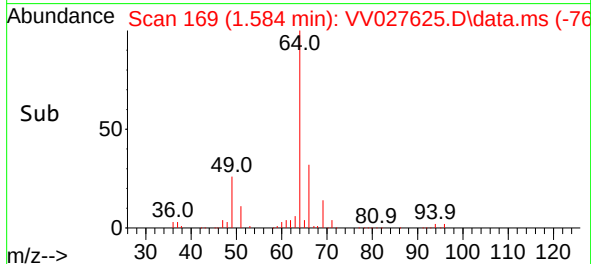
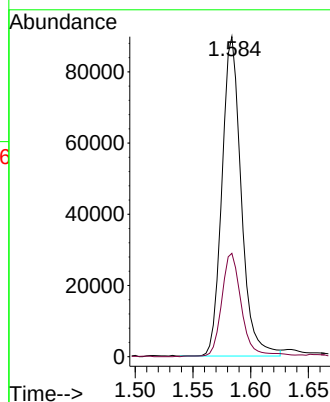
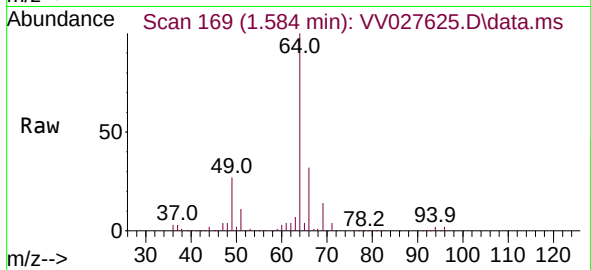




#8
Chloroethane
Concen: 9.975 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

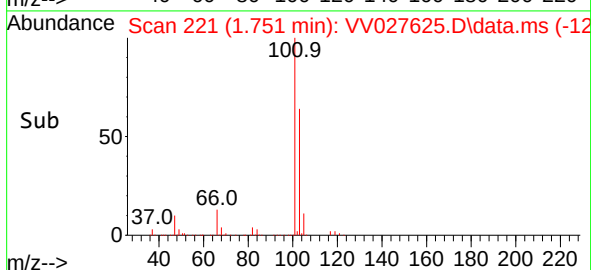
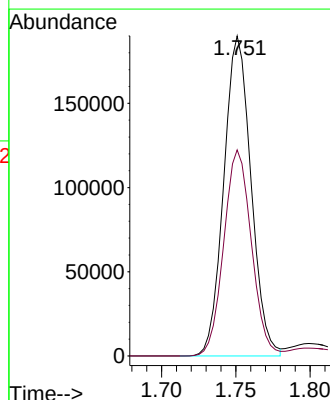
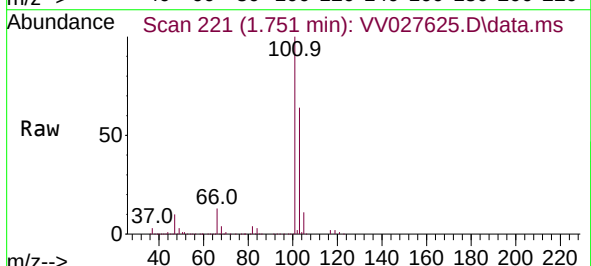
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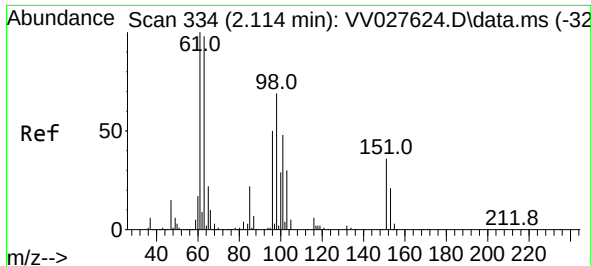
Tgt Ion: 64 Resp: 104274
Ion Ratio Lower Upper
64 100
66 32.3 24.0 44.6



#9
Trichlorofluoromethane
Concen: 9.670 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion:101 Resp: 242561
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4





#10

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

Concen: 10.088 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

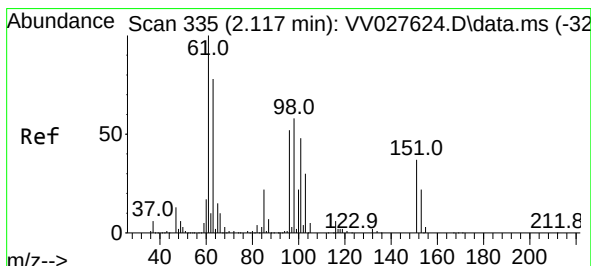
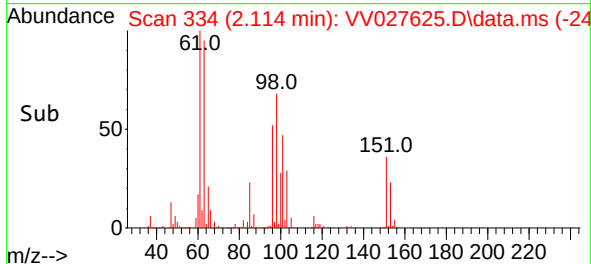
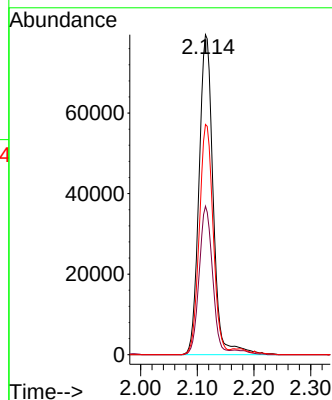
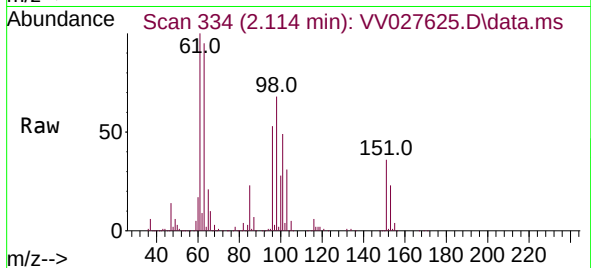
Tgt Ion:101 Resp: 137759

Ion Ratio Lower Upper

101 100

85 43.9 36.7 55.1

151 70.2 60.9 91.3



#12

1,1-Dichloroethene

Concen: 9.710 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

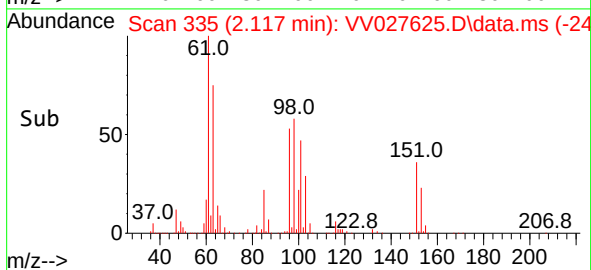
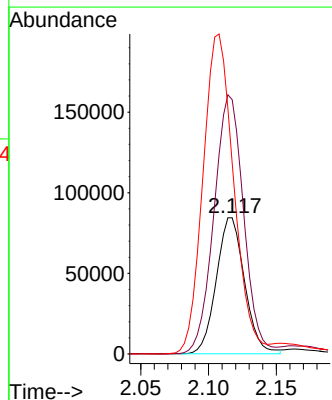
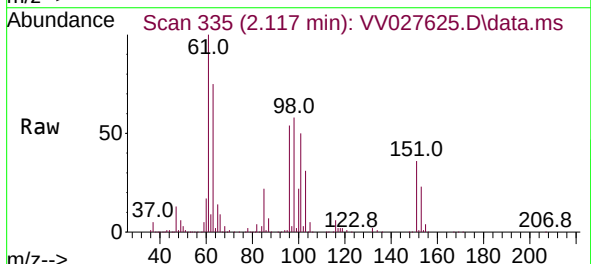
Tgt Ion: 96 Resp: 122052

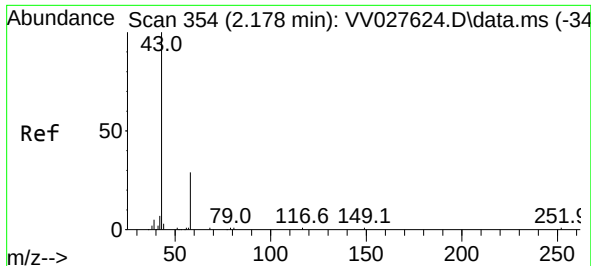
Ion Ratio Lower Upper

96 100

61 186.6 134.3 249.3

63 140.0 105.7 196.3

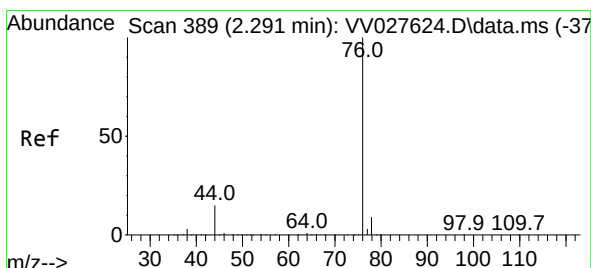
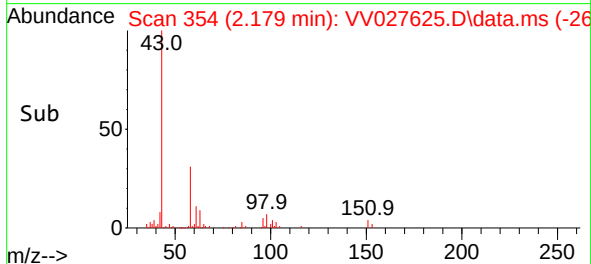
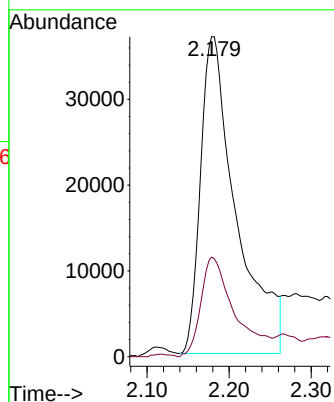
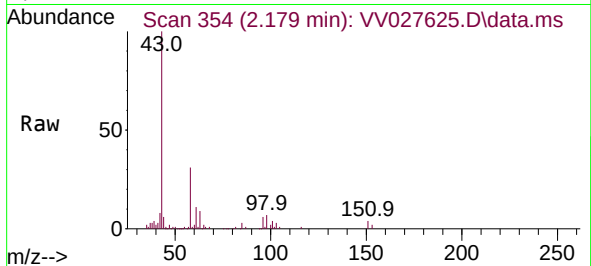




#13
Acetone
Concen: 61.912 ug/L
RT: 2.179 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

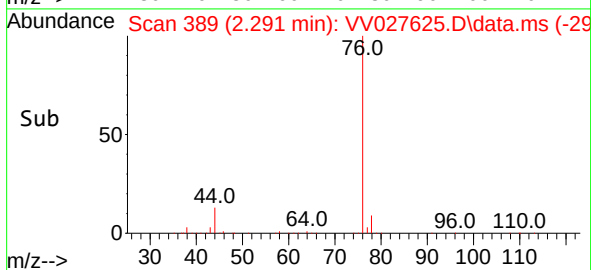
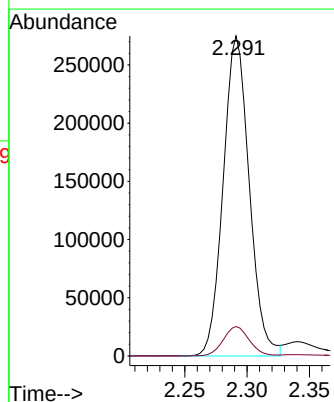
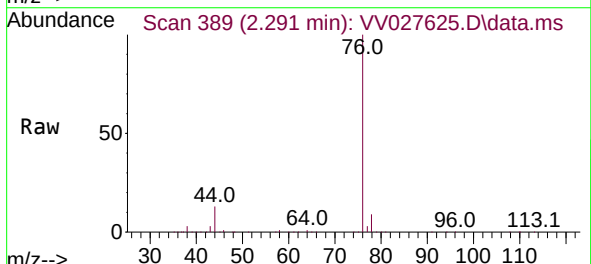
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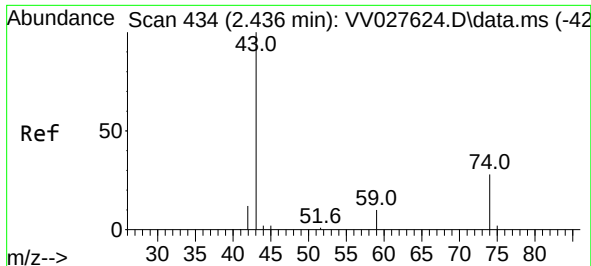
Tgt Ion: 43 Resp: 112121
Ion Ratio Lower Upper
43 100
58 30.0 0.0 38.4



#14
Carbon disulfide
Concen: 10.085 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion: 76 Resp: 400556
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

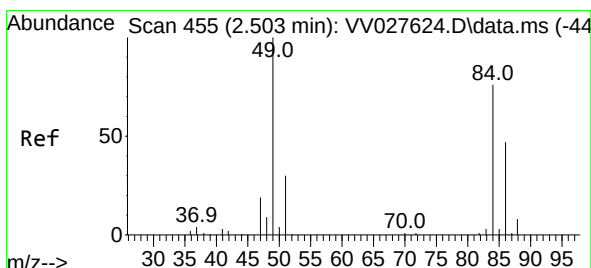
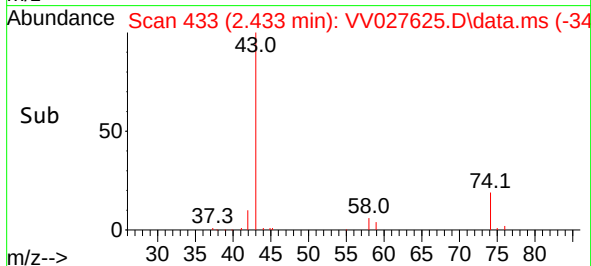
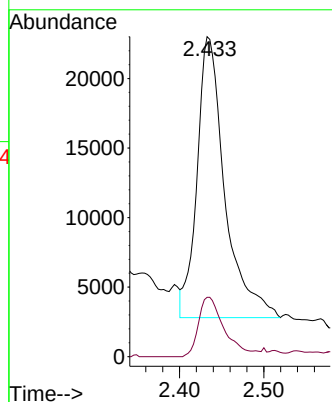
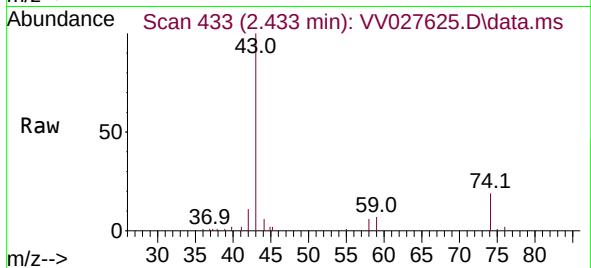




#15
Methyl Acetate
Concen: 9.331 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

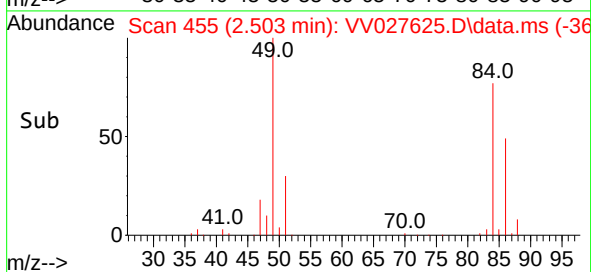
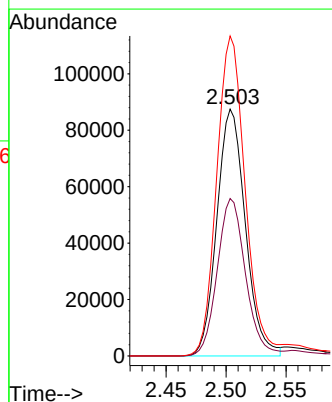
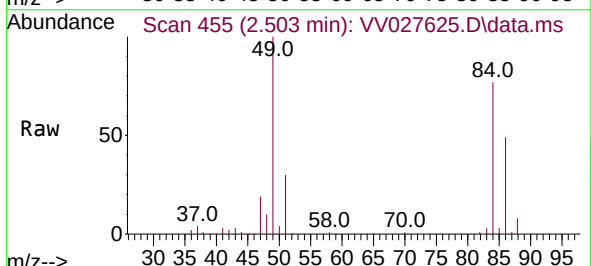
Instrument :
MSVOA_V
ClientSampleId :

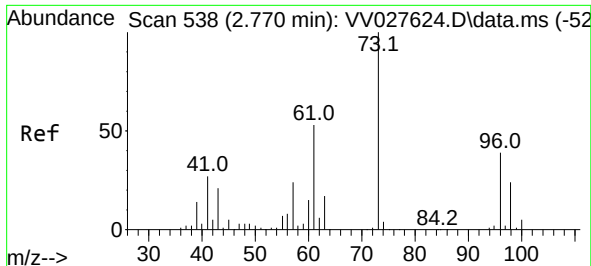
Tgt Ion: 43 Resp: 46329
Ion Ratio Lower Upper
43 100
74 19.9 18.2 27.4



#16
Methylene chloride
Concen: 9.129 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion: 84 Resp: 144750
Ion Ratio Lower Upper
84 100
86 63.8 43.9 81.5
49 129.6 92.5 171.7

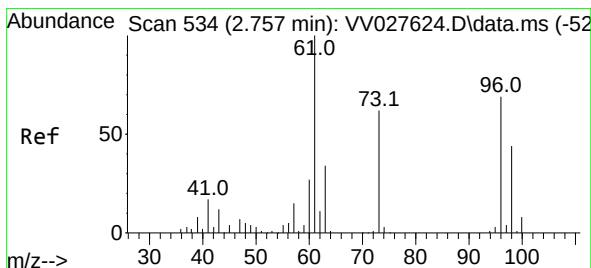
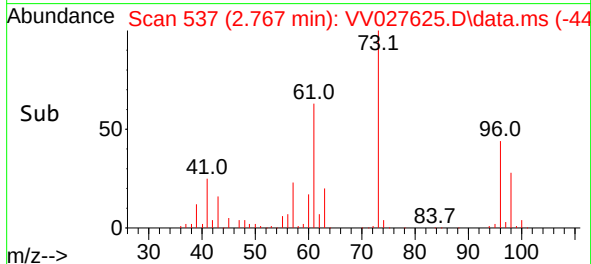
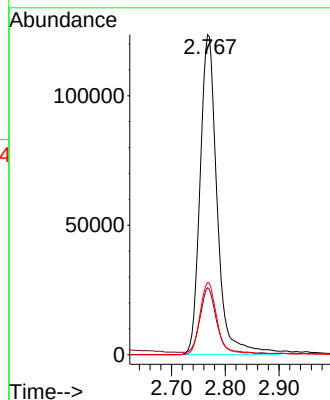
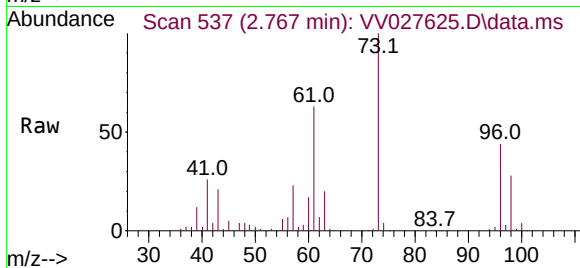




#17
Methyl tert-butyl Ether
Concen: 10.176 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

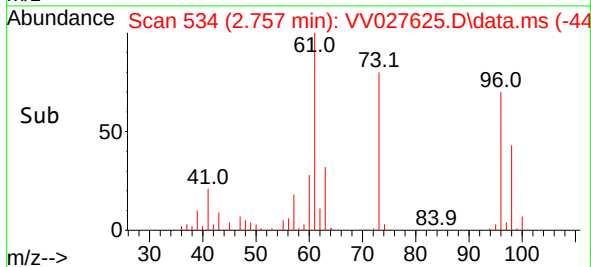
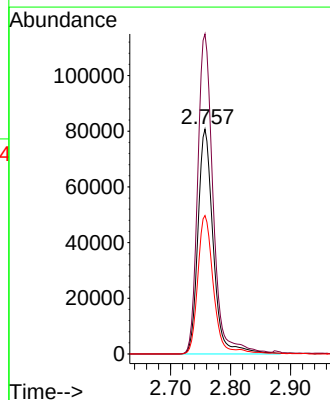
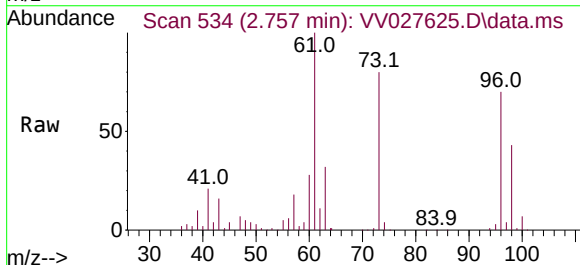
Instrument :
MSVOA_V
ClientSampleId :

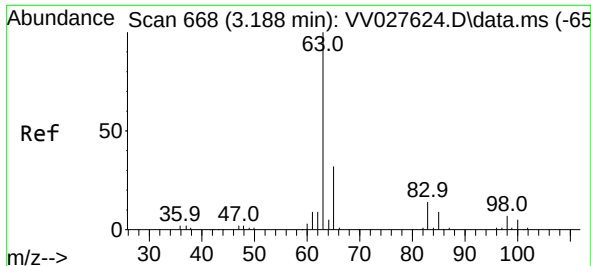
Tgt Ion: 73 Resp: 273240
Ion Ratio Lower Upper
73 100
43 19.4 16.5 24.7
57 22.1 18.2 27.2



#18
trans-1,2-Dichloroethene
Concen: 10.094 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion: 96 Resp: 143811
Ion Ratio Lower Upper
96 100
61 142.4 101.8 189.0
98 61.6 44.9 83.3





#19

1,1-Dichloroethane

Concen: 10.017 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

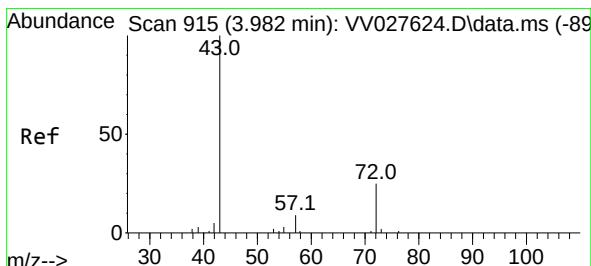
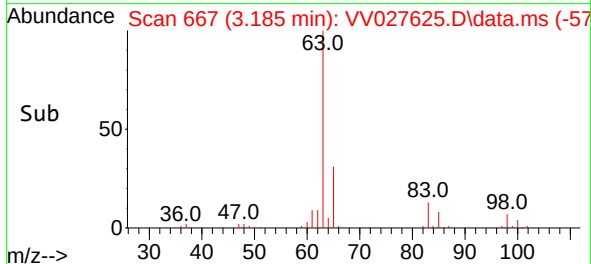
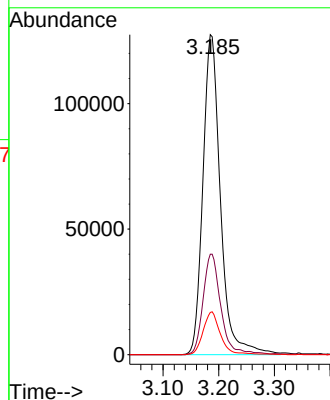
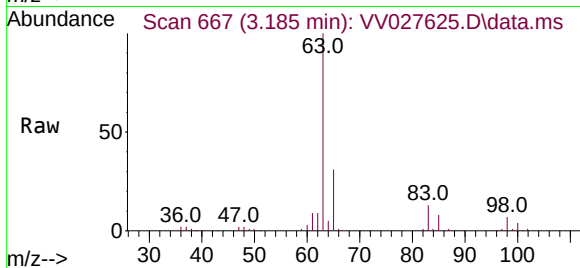
Tgt Ion: 63 Resp: 279401

Ion Ratio Lower Upper

63 100

65 31.4 22.7 42.1

83 13.2 9.7 18.1



#21

2-Butanone

Concen: 91.490 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.010 min

Lab File: VV027625.D

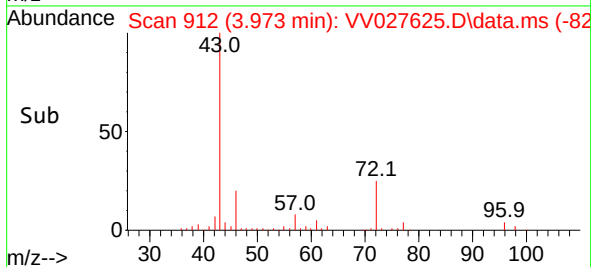
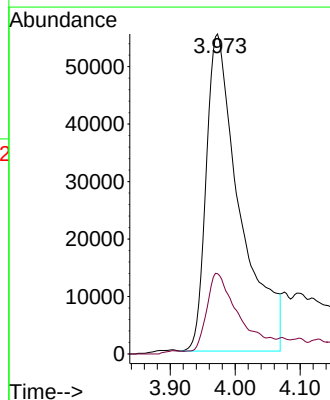
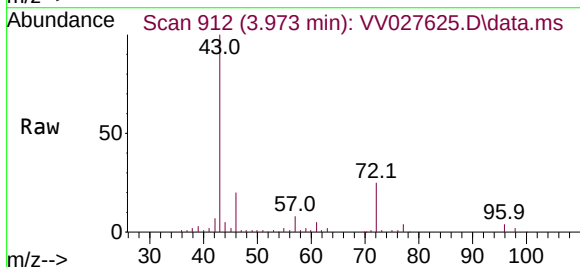
Acq: 31 Aug 2022 18:20

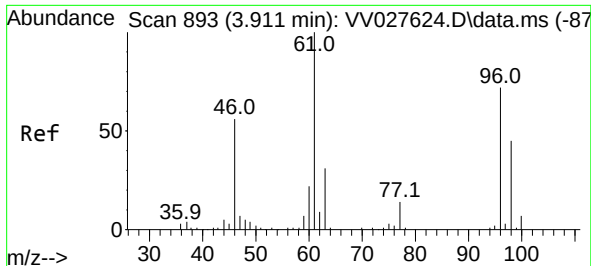
Tgt Ion: 43 Resp: 198871

Ion Ratio Lower Upper

43 100

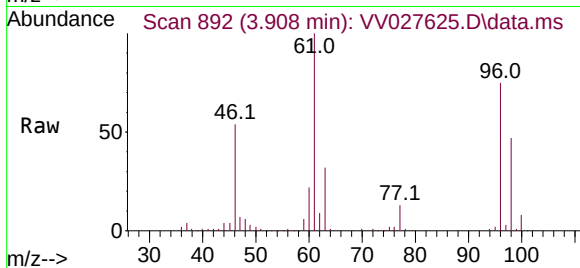
72 22.5 8.3 24.9





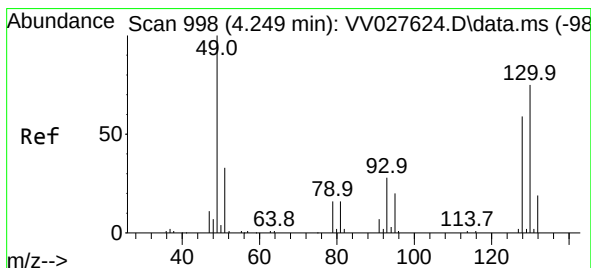
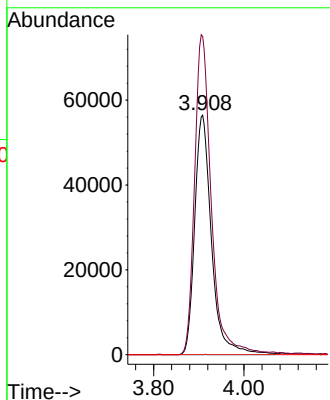
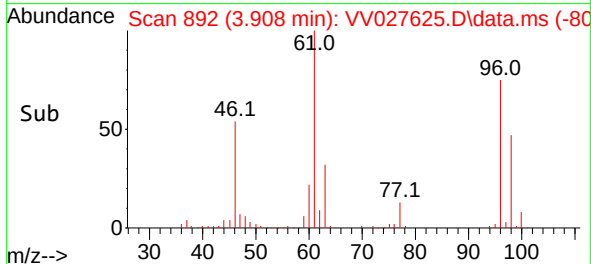
#22
 cis-1,2-Dichloroethene
 Concen: 10.265 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV027625.D
 Acq: 31 Aug 2022 18:20

Instrument :
 MSVOA_V
 ClientSampleId :

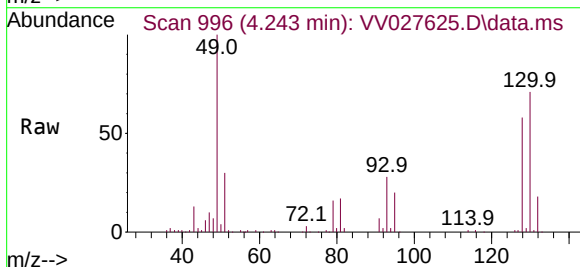


Tgt Ion: 96 Resp: 145962

Ion	Ratio	Lower	Upper
96	100		
61	132.8	96.9	180.1
68	0.0	0.0	0.0

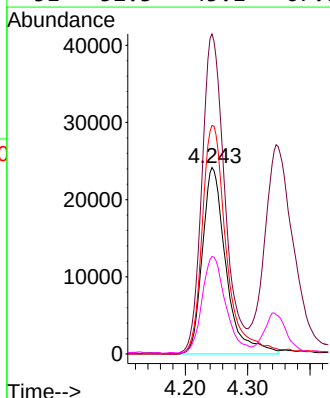
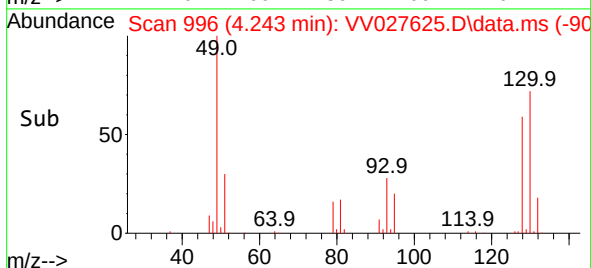


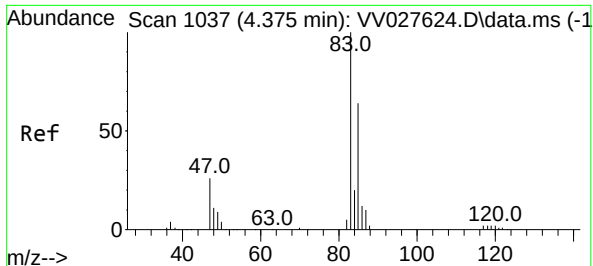
#23
 Bromochloromethane
 Concen: 10.069 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VV027625.D
 Acq: 31 Aug 2022 18:20



Tgt Ion: 128 Resp: 63427

Ion	Ratio	Lower	Upper
128	100		
49	171.7	120.1	223.1
130	122.6	89.0	165.4
51	52.3	45.1	67.7





#25

Chloroform

Concen: 9.797 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

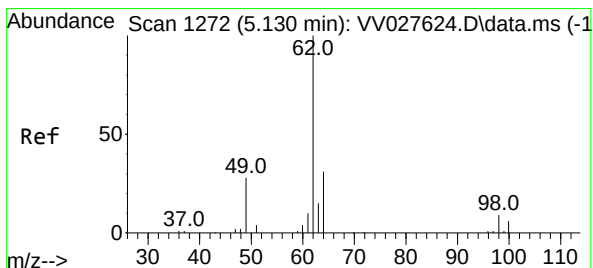
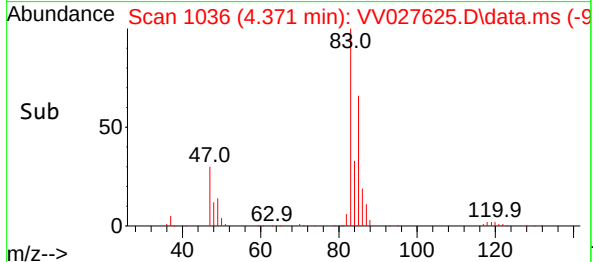
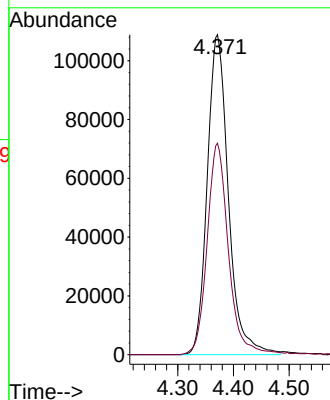
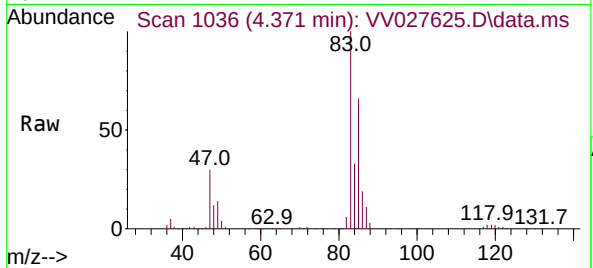
ClientSampleId :

Tgt Ion: 83 Resp: 286932

Ion Ratio Lower Upper

83 100

85 66.1 44.7 83.1



#27

1,2-Dichloroethane

Concen: 10.142 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV027625.D

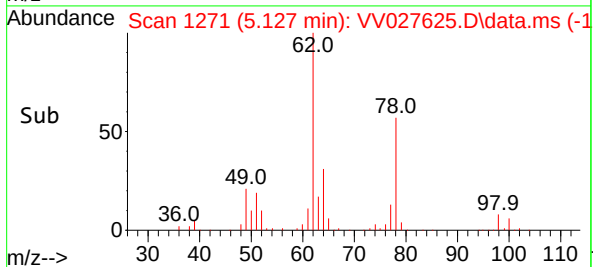
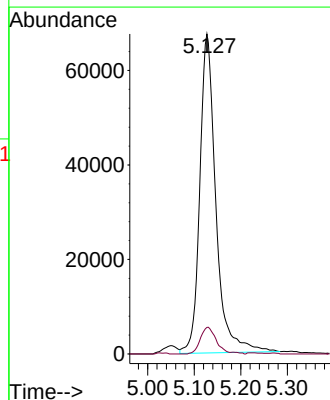
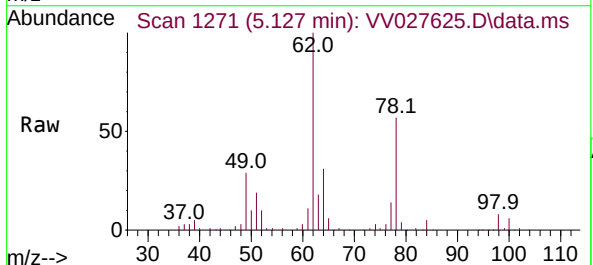
Acq: 31 Aug 2022 18:20

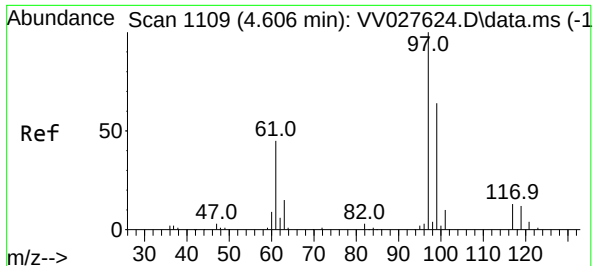
Tgt Ion: 62 Resp: 162167

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 9.940 ug/L

RT: 4.603 min Scan# 1109

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

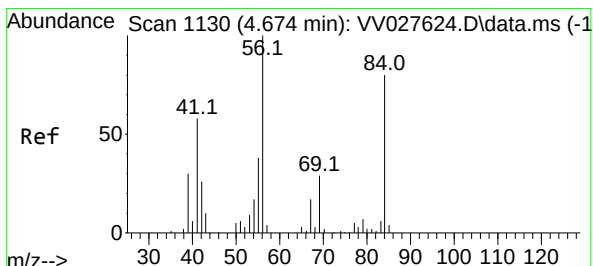
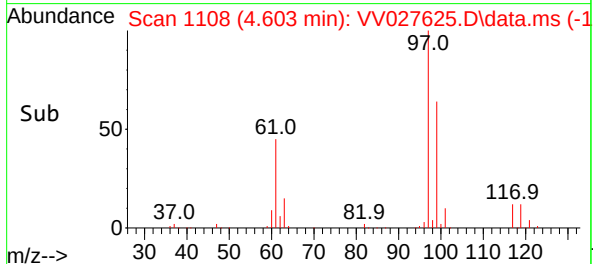
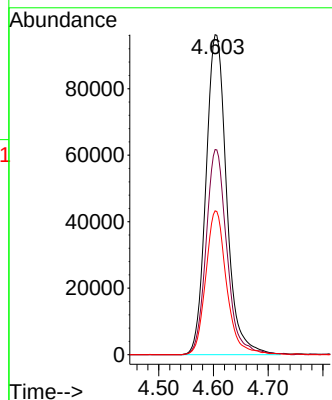
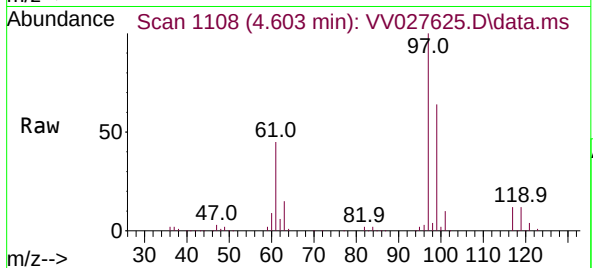
Tgt Ion: 97 Resp: 252246

Ion Ratio Lower Upper

97 100

99 64.8 50.6 75.8

61 45.4 36.1 54.1



#30

Cyclohexane

Concen: 10.843 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

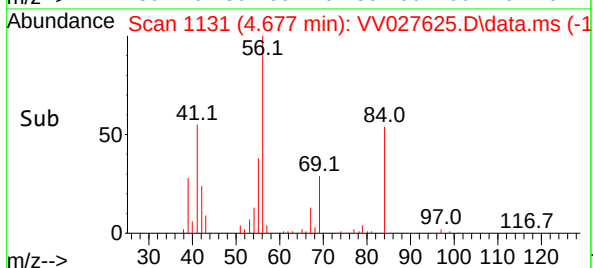
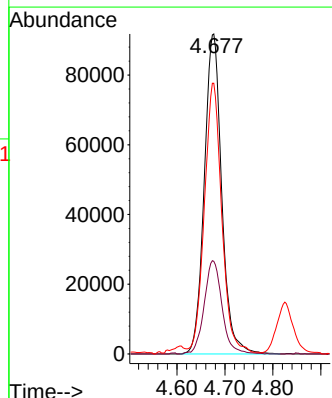
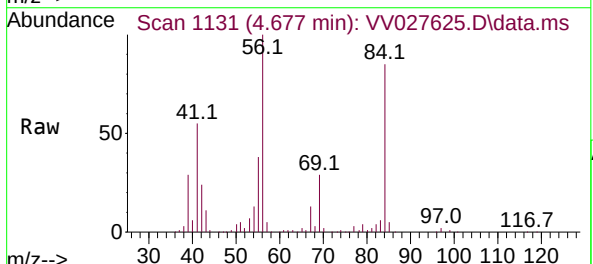
Tgt Ion: 56 Resp: 232120

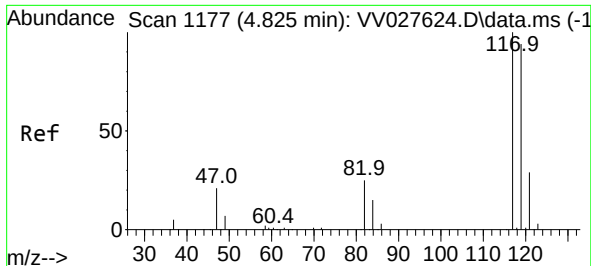
Ion Ratio Lower Upper

56 100

69 29.8 24.1 36.1

84 84.3 66.9 100.3

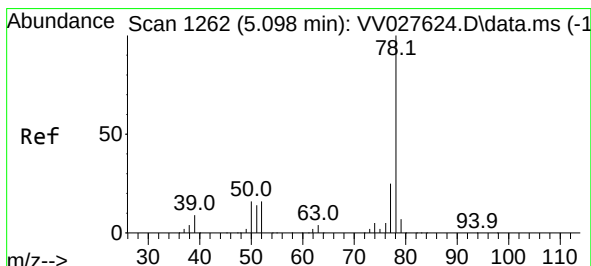
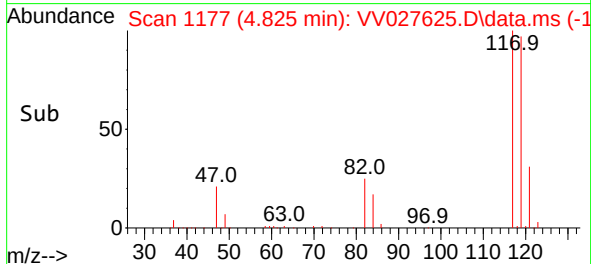
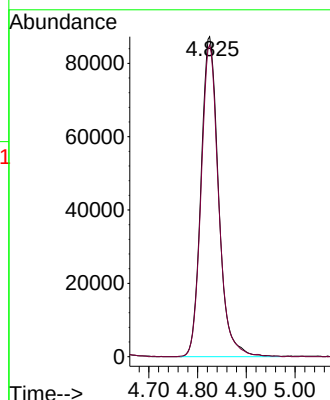
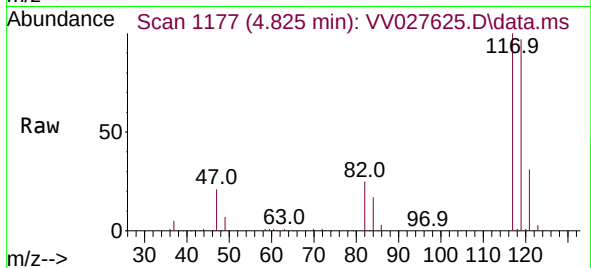




#31
Carbon tetrachloride
Concen: 10.072 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

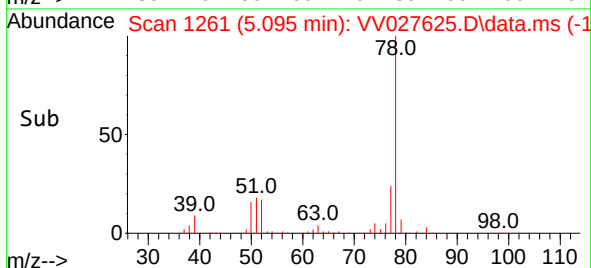
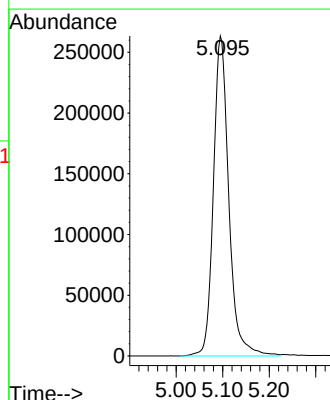
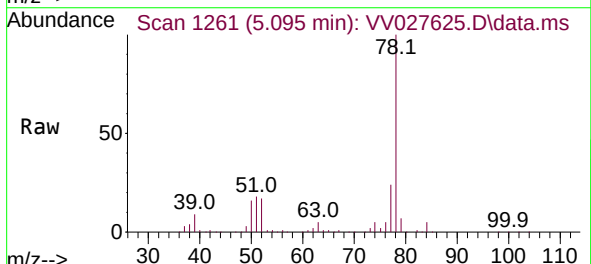
Instrument :
MSVOA_V
ClientSampleId :

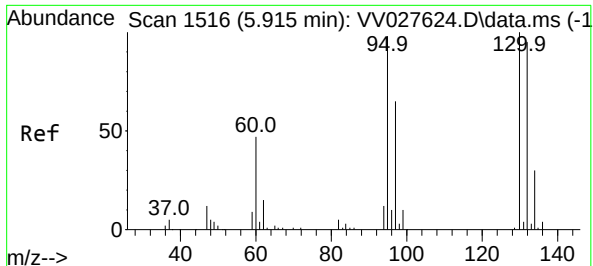
Tgt Ion:117 Resp: 218705
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2



#33
Benzene
Concen: 10.564 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion: 78 Resp: 604714





#34

Trichloroethene

Concen: 10.203 ug/L

RT: 5.912 min Scan# 1516

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 143572

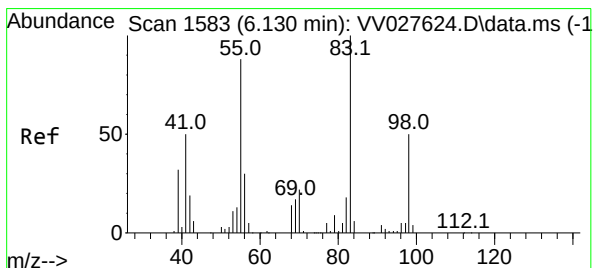
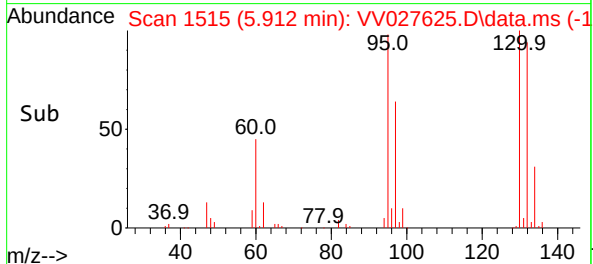
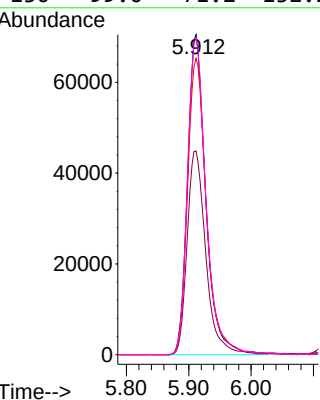
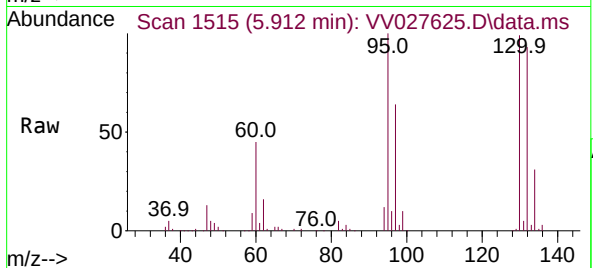
Ion Ratio Lower Upper

95 100

97 63.7 46.1 85.5

132 92.6 67.3 125.1

130 99.0 71.2 132.2



#35

Methylcyclohexane

Concen: 11.010 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

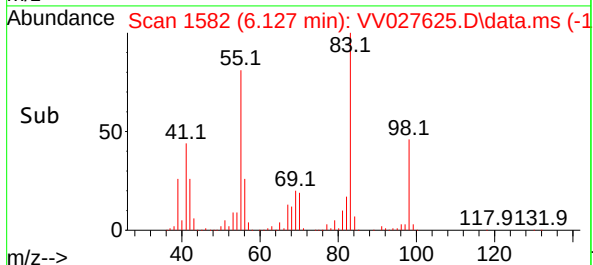
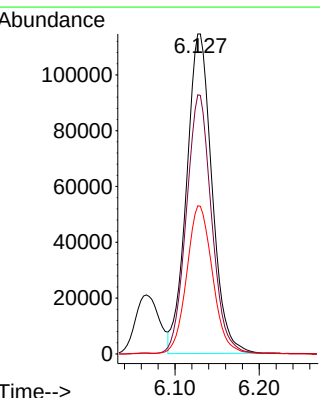
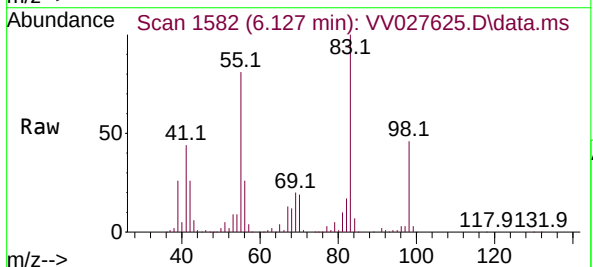
Tgt Ion: 83 Resp: 240399

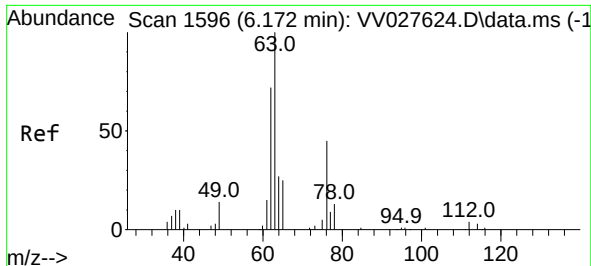
Ion Ratio Lower Upper

83 100

55 80.4 66.0 99.0

98 46.8 36.9 55.3





#37

1,2-Dichloropropane

Concen: 10.598 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

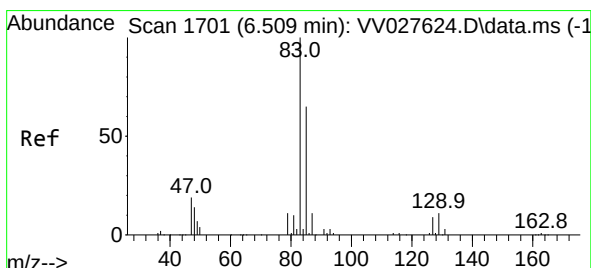
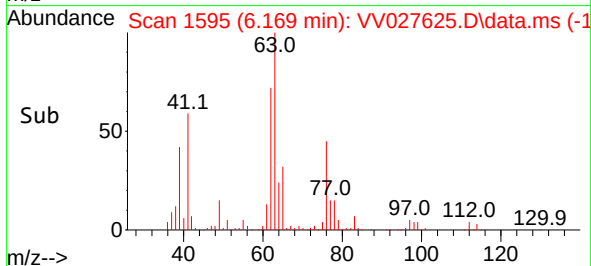
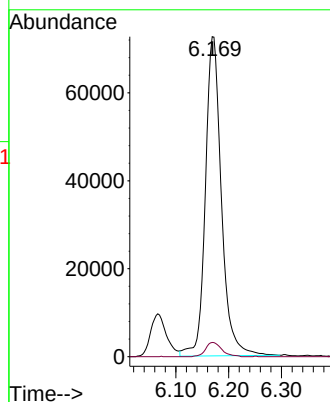
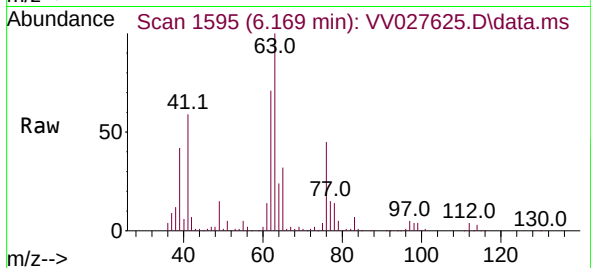
ClientSampleId :

Tgt Ion: 63 Resp: 153185

Ion Ratio Lower Upper

63 100

112 4.5 2.9 4.3#



#38

Bromodichloromethane

Concen: 10.163 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

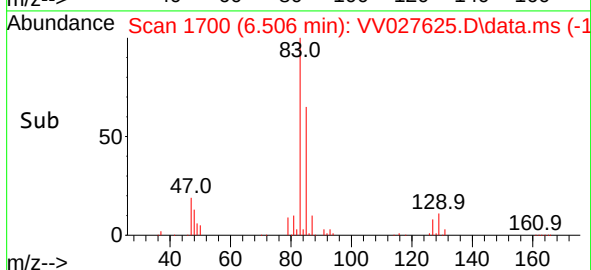
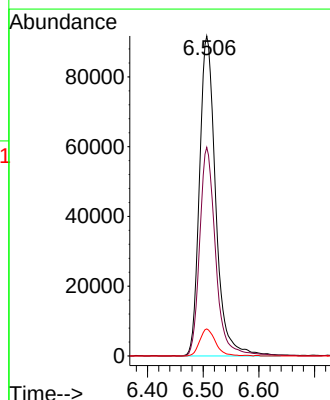
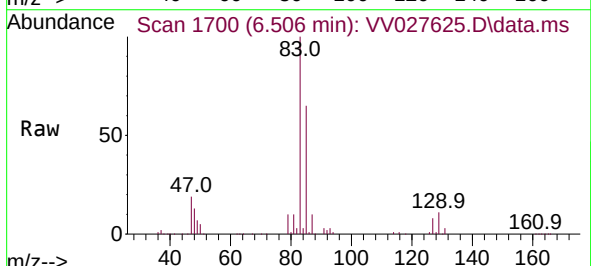
Tgt Ion: 83 Resp: 185788

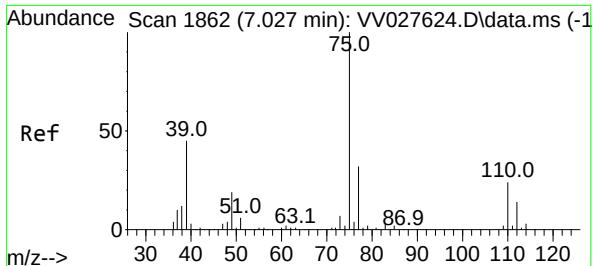
Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0

127 8.4 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 10.825 ug/L

RT: 7.024 min Scan# 1862

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

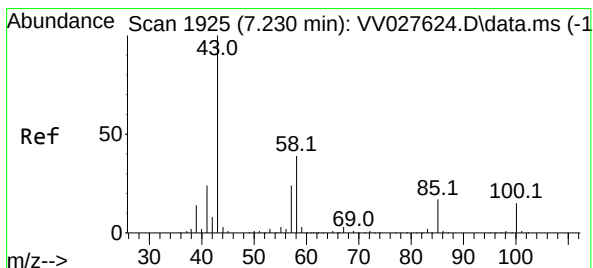
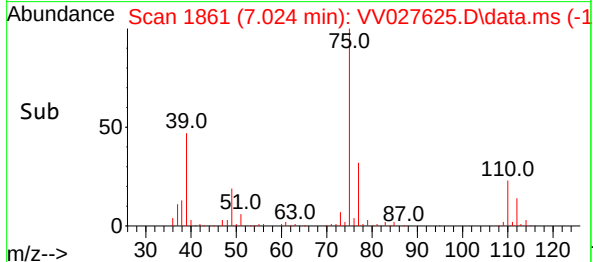
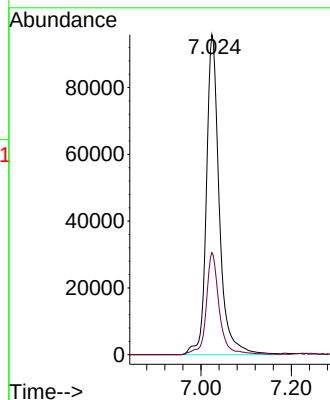
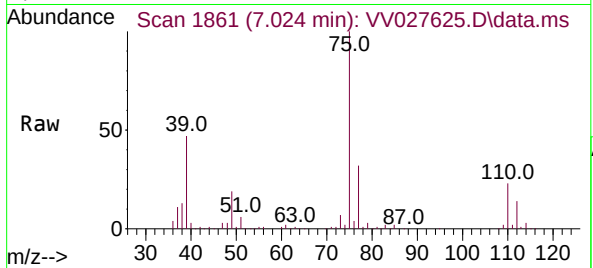
ClientSampleId :

Tgt Ion: 75 Resp: 191026

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 117.331 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

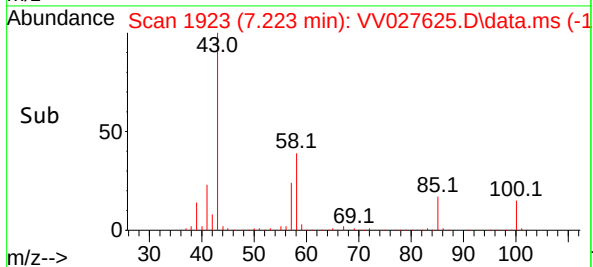
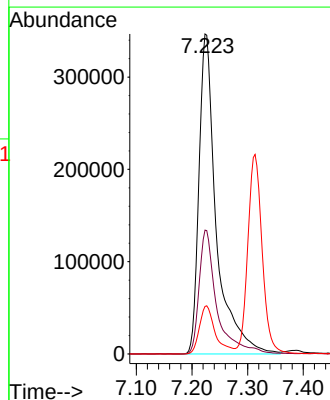
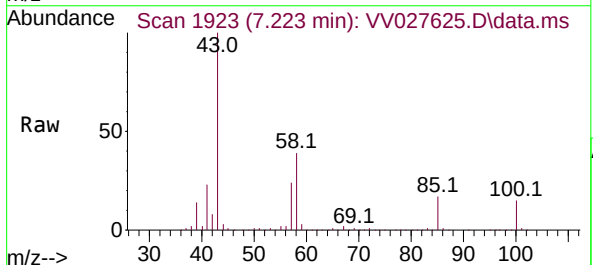
Tgt Ion: 43 Resp: 753741

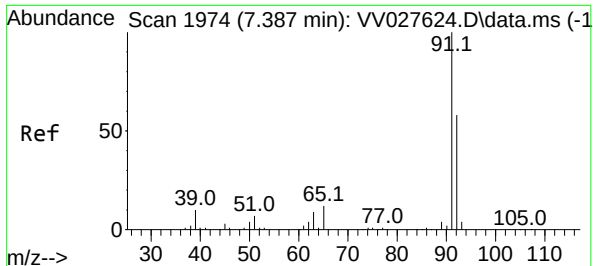
Ion Ratio Lower Upper

43 100

58 39.5 31.4 47.0

100 13.9 10.5 15.7





#42

Toluene

Concen: 11.161 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

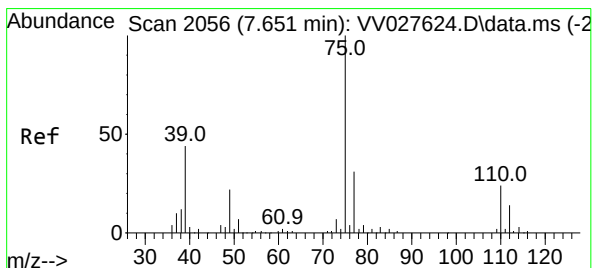
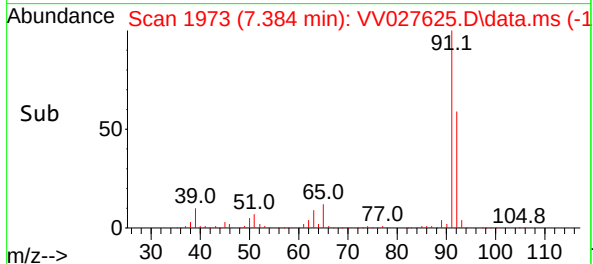
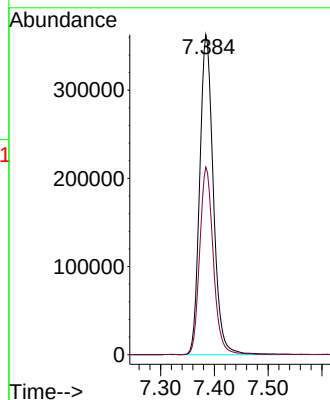
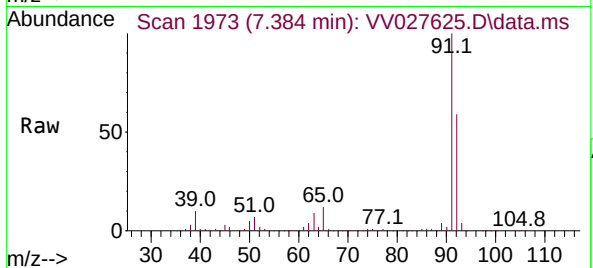
ClientSampleId :

Tgt Ion: 91 Resp: 637921

Ion Ratio Lower Upper

91 100

92 58.6 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 11.105 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV027625.D

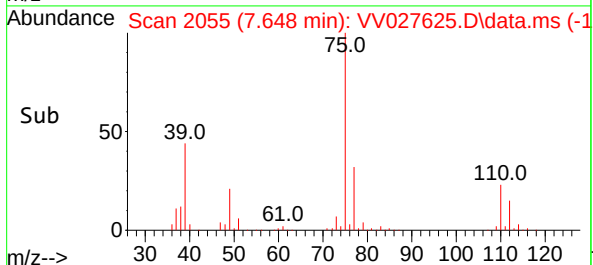
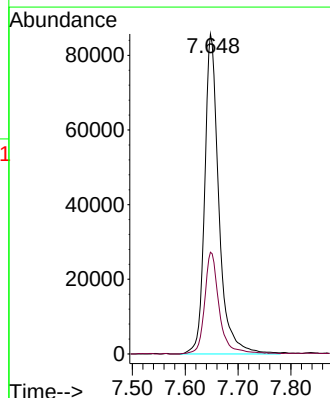
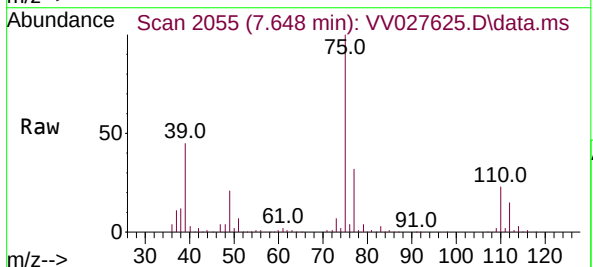
Acq: 31 Aug 2022 18:20

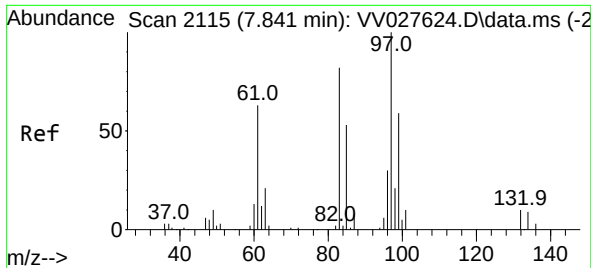
Tgt Ion: 75 Resp: 159703

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0

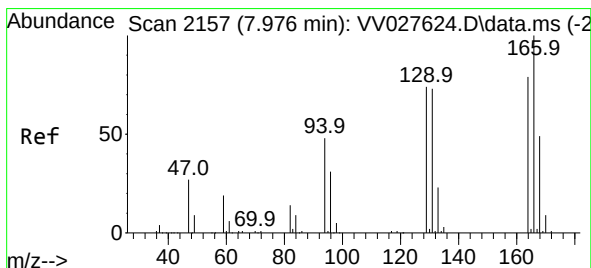
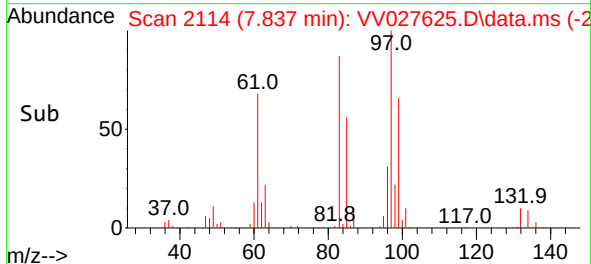
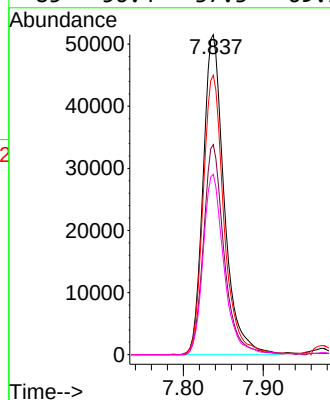
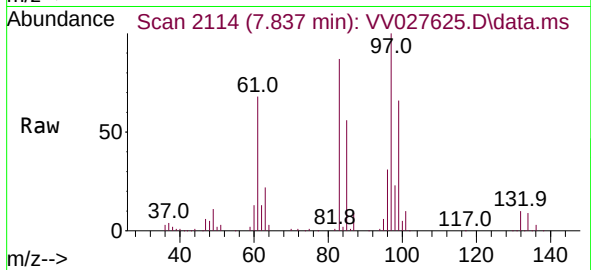




#45
1,1,2-Trichloroethane
Concen: 10.137 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

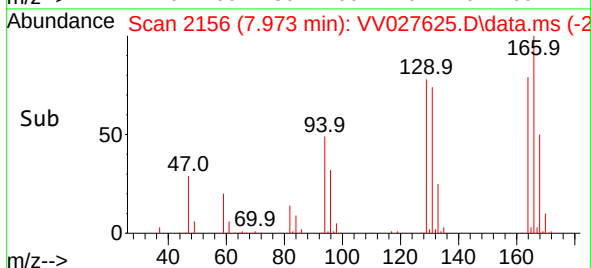
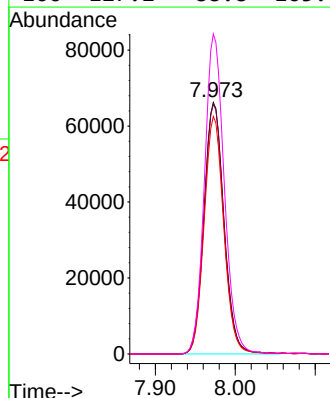
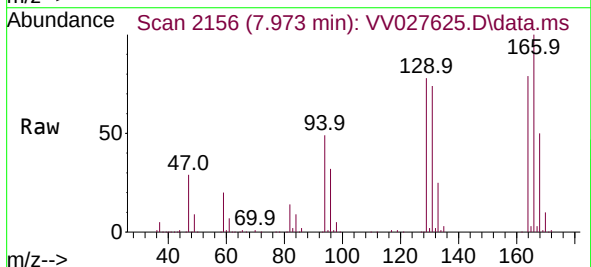
Instrument :
MSVOA_V
ClientSampleId :

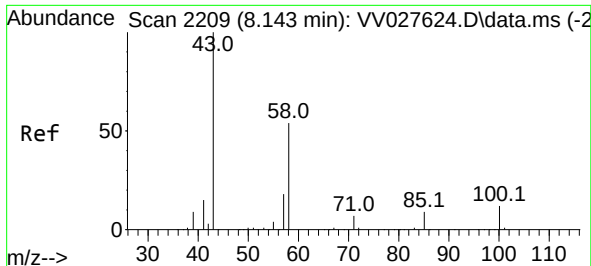
Tgt Ion:	97	Resp:	94512
Ion	Ratio	Lower	Upper
97	100		
99	65.7	41.3	76.7
83	87.4	57.5	106.9
85	56.4	37.3	69.3



#47
Tetrachloroethene
Concen: 10.109 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

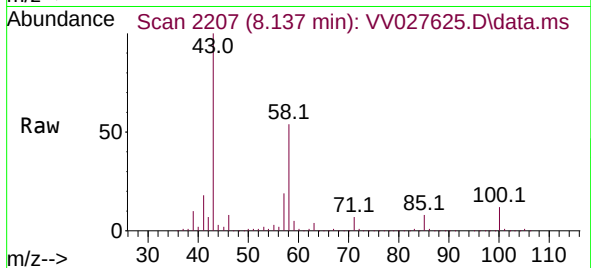
Tgt Ion:	164	Resp:	115335
Ion	Ratio	Lower	Upper
164	100		
129	99.3	65.9	122.3
131	94.4	64.5	119.7
166	127.2	88.8	165.0



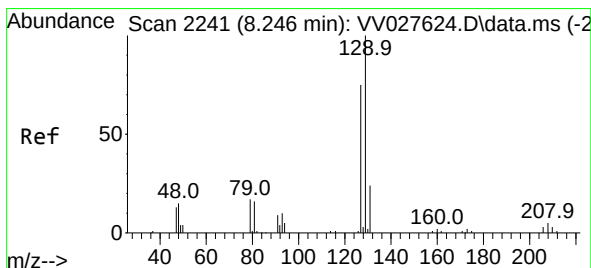
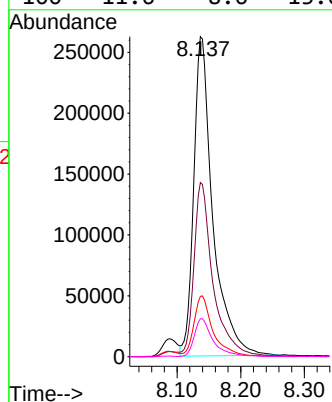
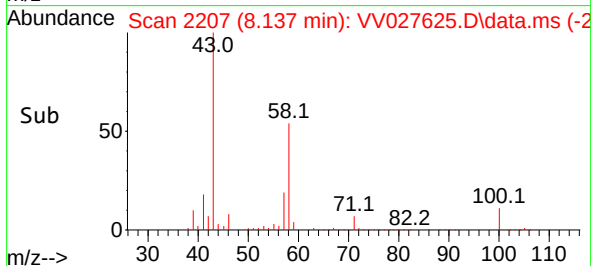


#48
2-Hexanone
Concen: 113.682 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.006 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Instrument :
MSVOA_V
ClientSampleId :

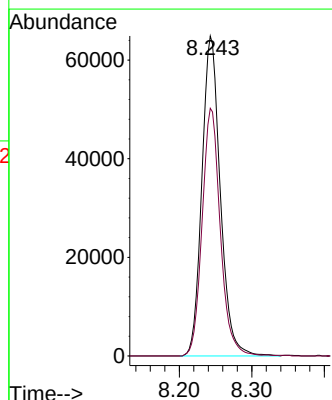
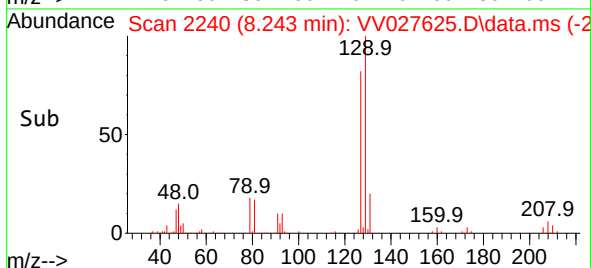
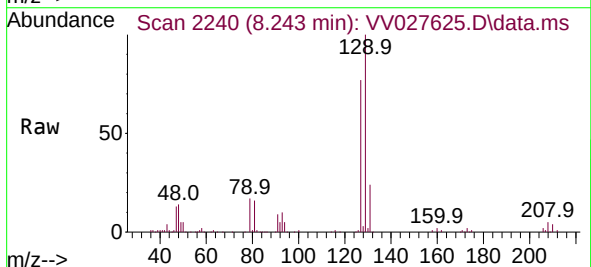


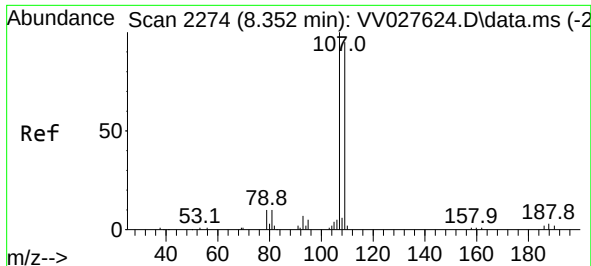
Tgt Ion: 43 Resp: 547875
Ion Ratio Lower Upper
43 100
58 54.3 42.1 63.1
57 18.9 14.5 21.7
100 11.6 8.6 13.0



#49
Dibromochloromethane
Concen: 10.365 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

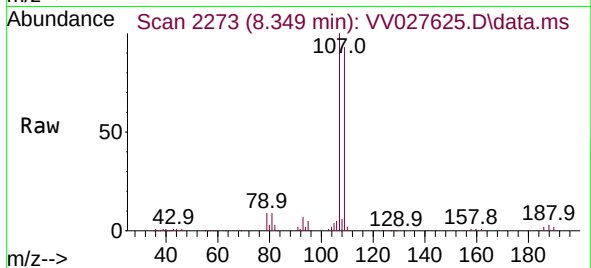
Tgt Ion: 129 Resp: 114501
Ion Ratio Lower Upper
129 100
127 77.4 52.4 97.4



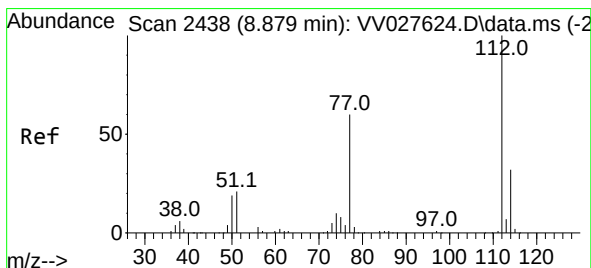
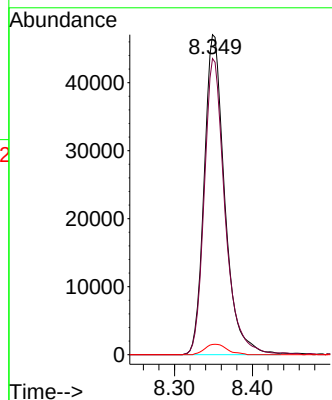
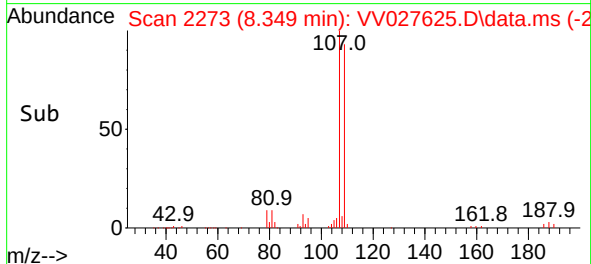


#50
1,2-Dibromoethane
Concen: 10.318 ug/L
RT: 8.349 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Instrument :
MSVOA_V
ClientSampleId :

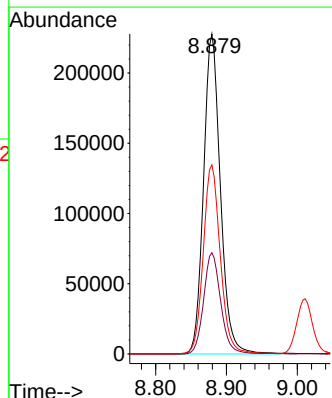
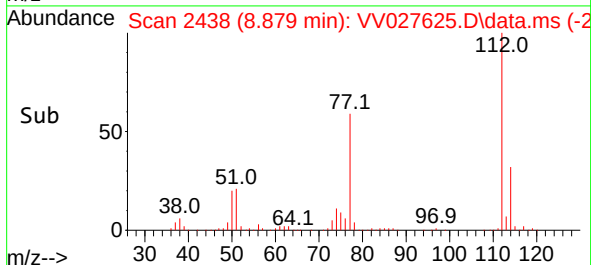
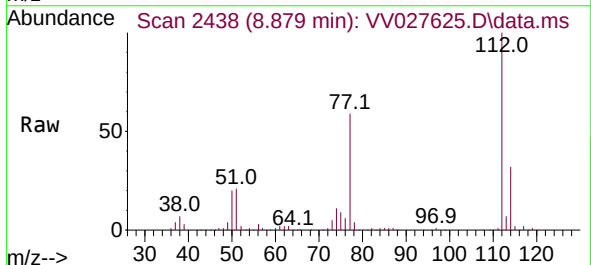


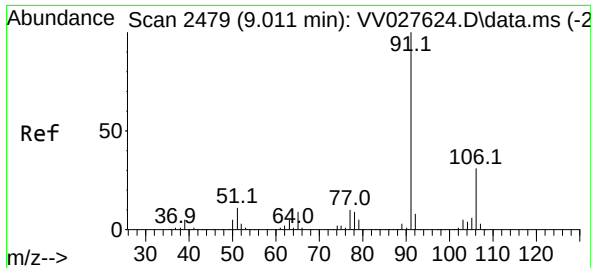
Tgt Ion:107 Resp: 86174
Ion Ratio Lower Upper
107 100
109 92.6 66.2 123.0
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 10.437 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion:112 Resp: 376128
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.3
77 59.1 48.5 72.7

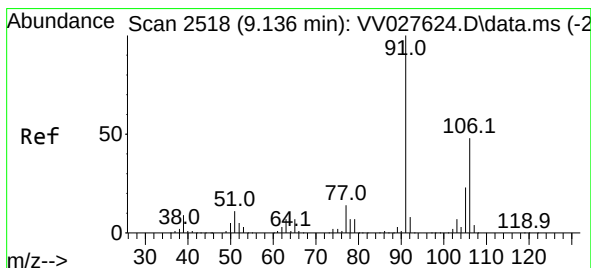
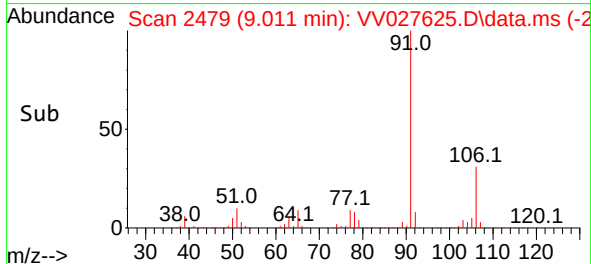
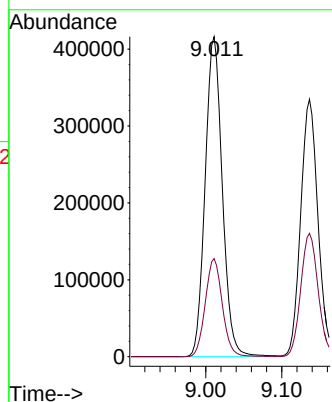
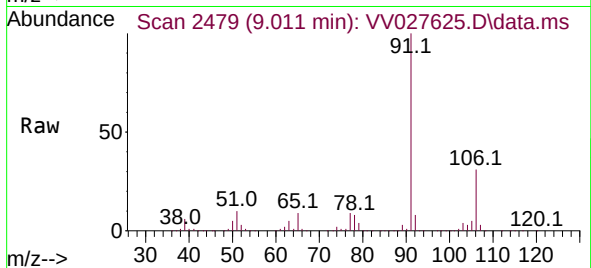




#52
Ethylbenzene
Concen: 11.265 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

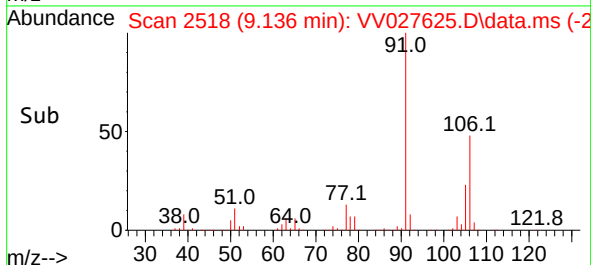
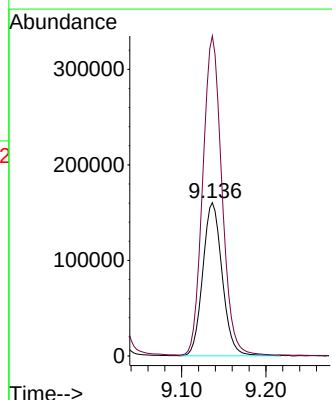
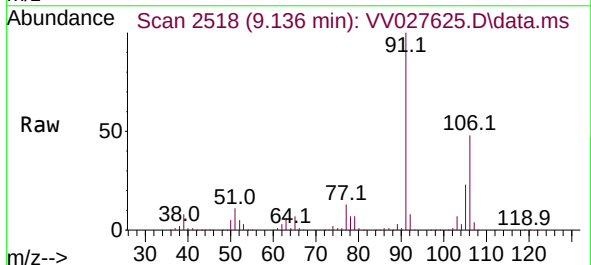
Instrument :
MSVOA_V
ClientSampleId :

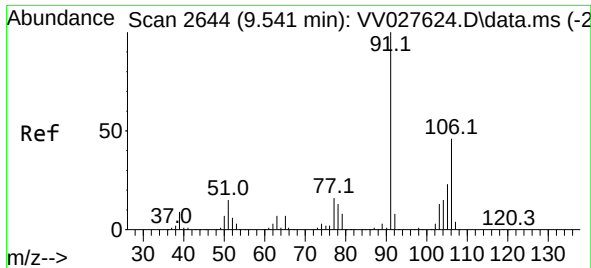
Tgt Ion: 91 Resp: 652358
Ion Ratio Lower Upper
91 100
106 30.6 21.9 40.7



#53
m,p-Xylene
Concen: 11.517 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion: 106 Resp: 256401
Ion Ratio Lower Upper
106 100
91 208.8 147.3 273.5

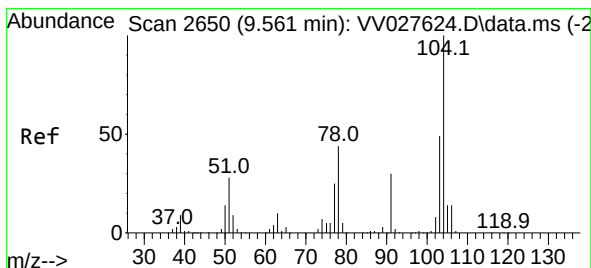
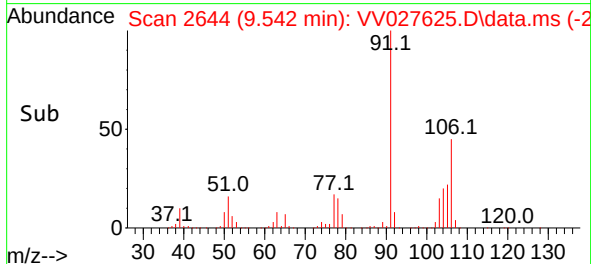
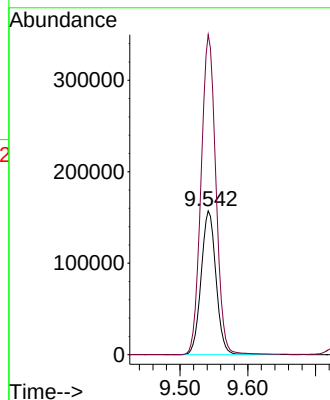
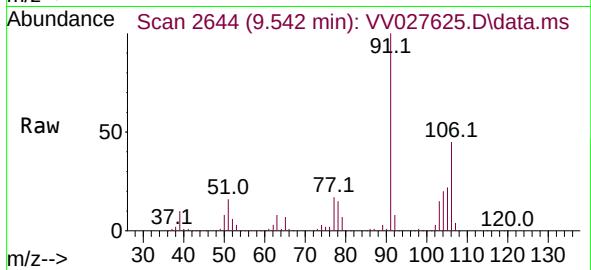




#54
o-Xylene
Concen: 11.258 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

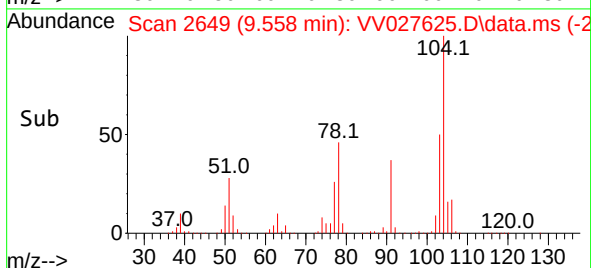
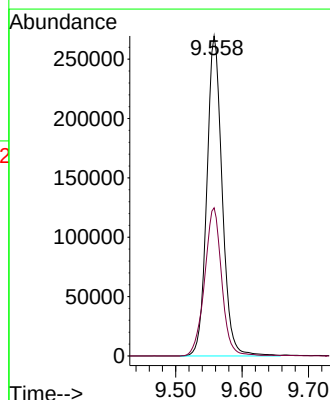
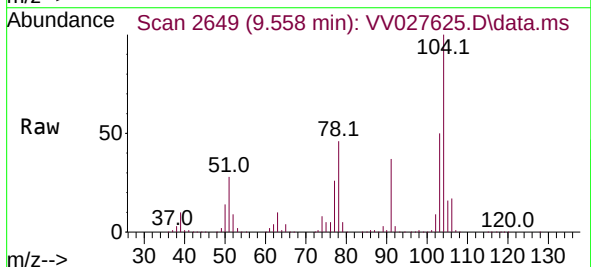
Instrument :
MSVOA_V
ClientSampleId :

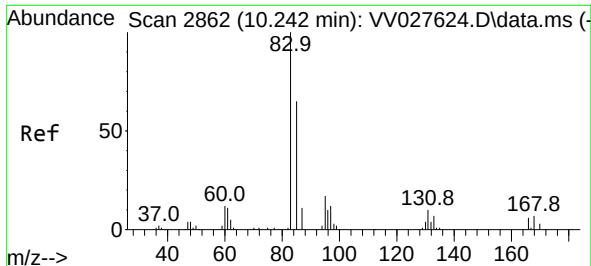
Tgt Ion:106 Resp: 239166
Ion Ratio Lower Upper
106 100
91 222.4 152.9 284.1



#55
Styrene
Concen: 11.939 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion:104 Resp: 433155
Ion Ratio Lower Upper
104 100
78 46.3 31.1 57.7

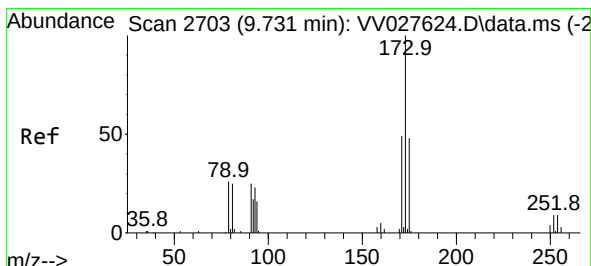
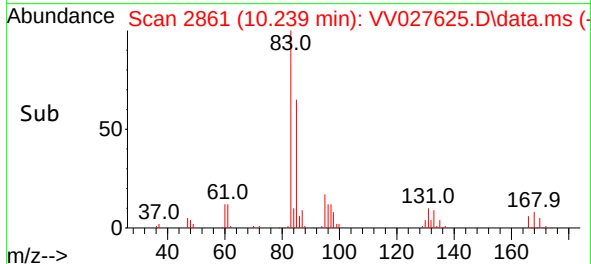
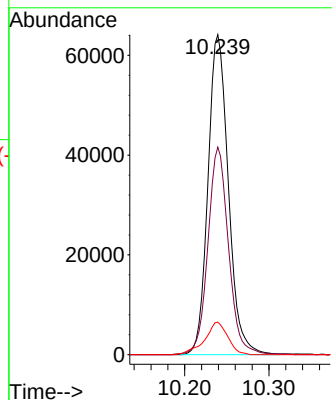
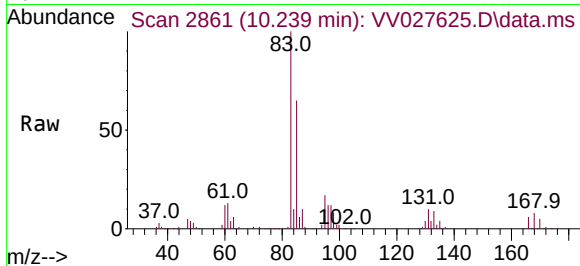




#57
1,1,2,2-Tetrachloroethane
Concen: 10.495 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

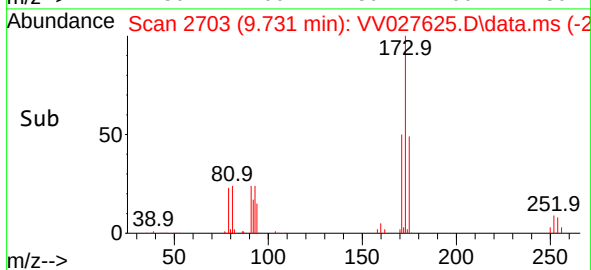
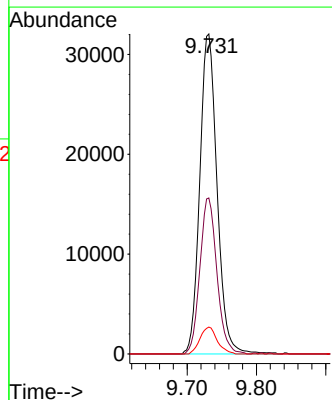
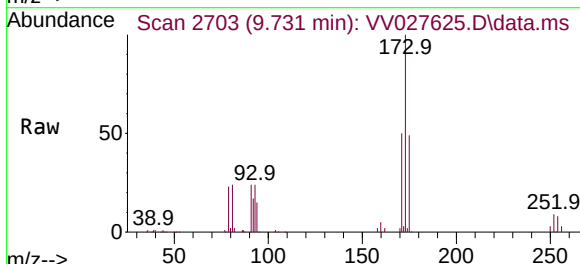
Instrument :
MSVOA_V
ClientSampleId :

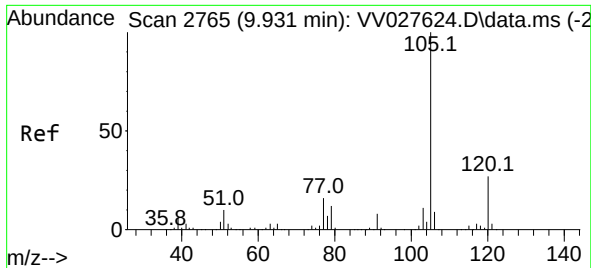
Tgt Ion: 83 Resp: 108185
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.8
131 10.2 8.0 12.0



#59
Bromoform
Concen: 9.622 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

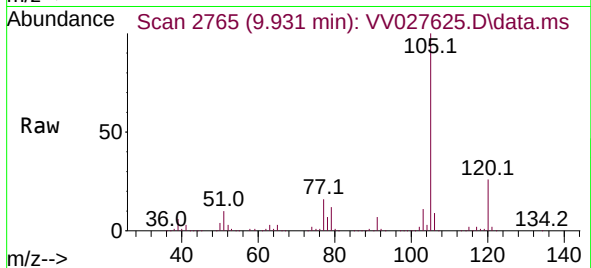
Tgt Ion: 173 Resp: 55652
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.4
254 8.4 7.0 10.4



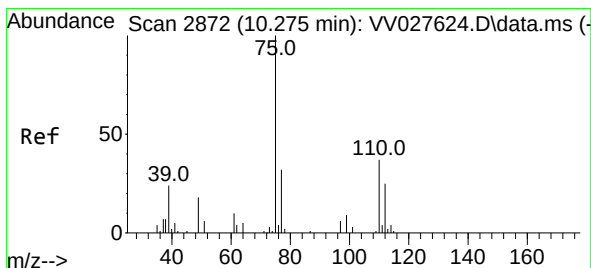
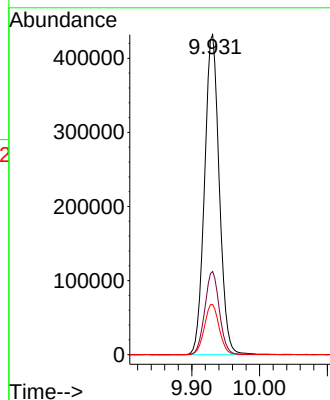
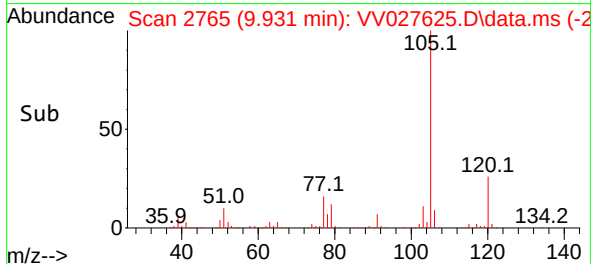


#60
Isopropylbenzene
Concen: 10.574 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

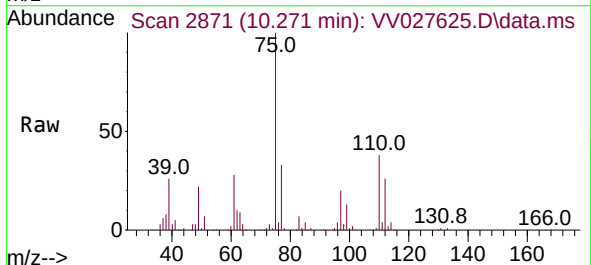
Instrument :
MSVOA_V
ClientSampleId :



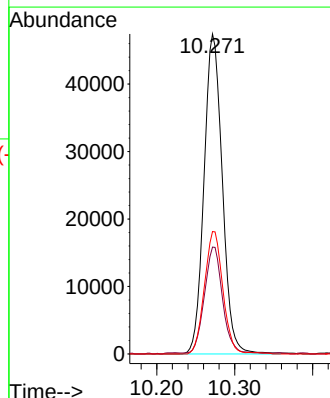
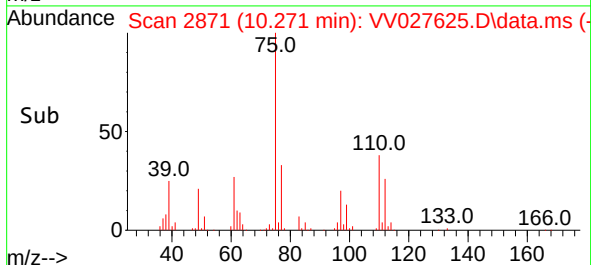
Tgt Ion:105 Resp: 651657
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.4
77 15.8 12.7 19.1

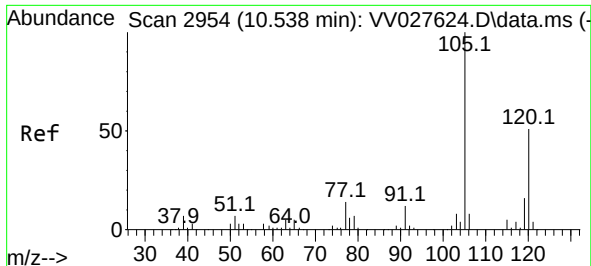


#61
1,2,3-Trichloropropane
Concen: 9.387 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20



Tgt Ion: 75 Resp: 77335
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.6
110 38.7 29.8 44.8





#62

1,3,5-Trimethylbenzene

Concen: 9.791 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

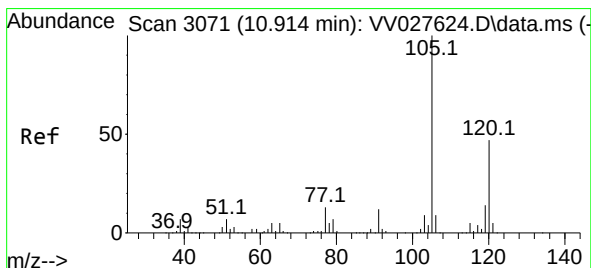
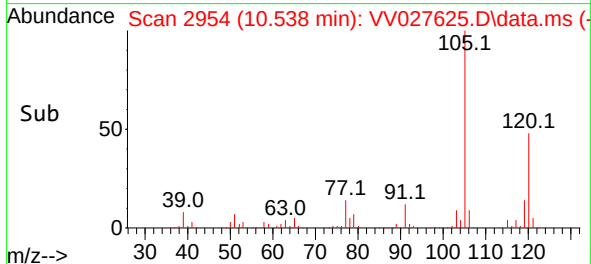
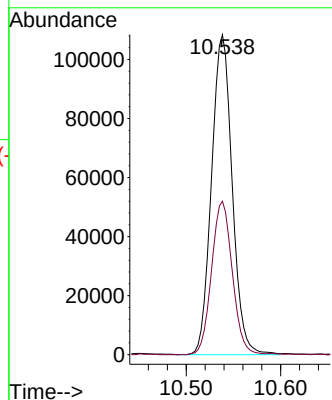
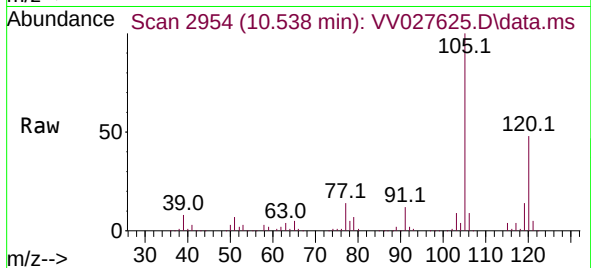
ClientSampleId :

Tgt Ion:105 Resp: 164625

Ion Ratio Lower Upper

105 100

120 48.3 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 10.911 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV027625.D

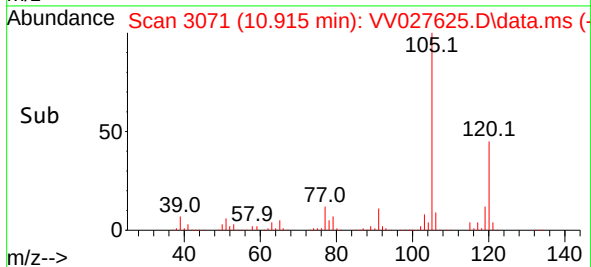
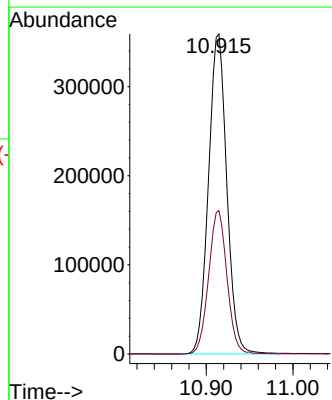
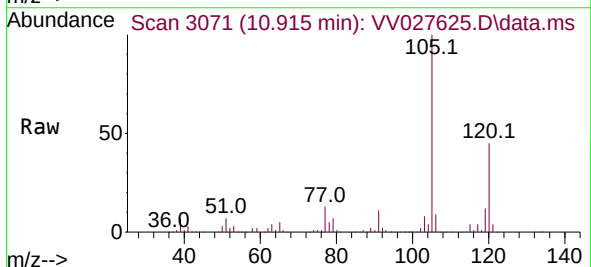
Acq: 31 Aug 2022 18:20

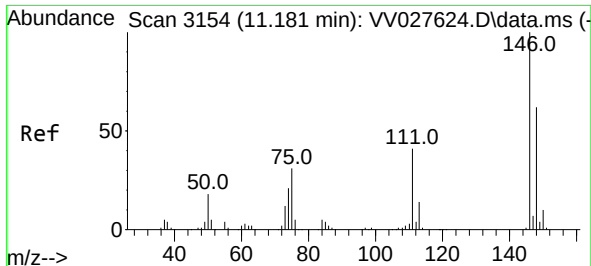
Tgt Ion:105 Resp: 527530

Ion Ratio Lower Upper

105 100

120 44.9 36.1 54.1

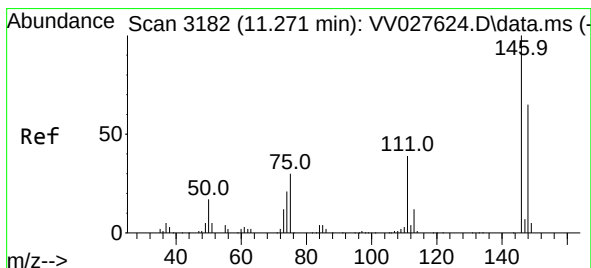
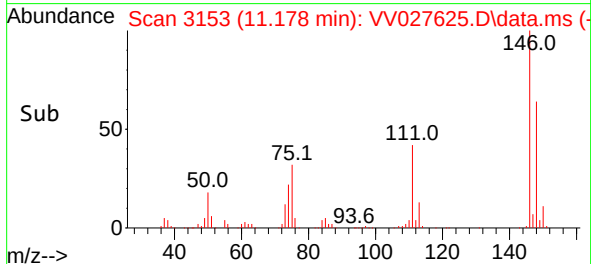
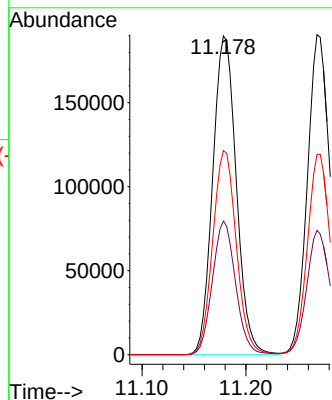
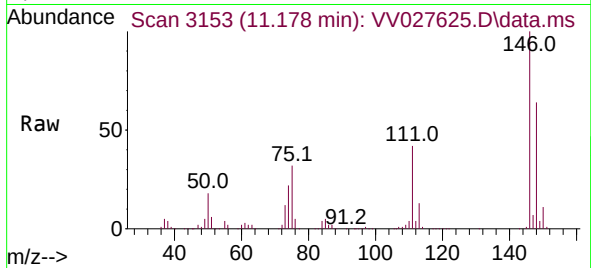




#64
1,3-Dichlorobenzene
Concen: 10.078 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

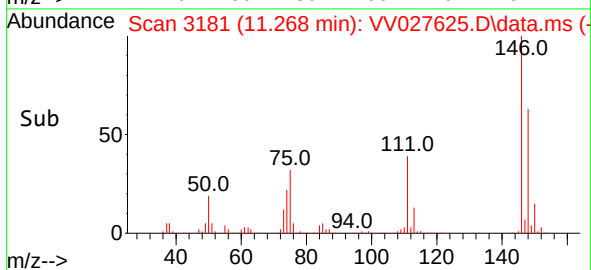
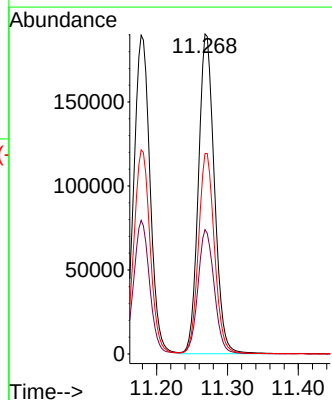
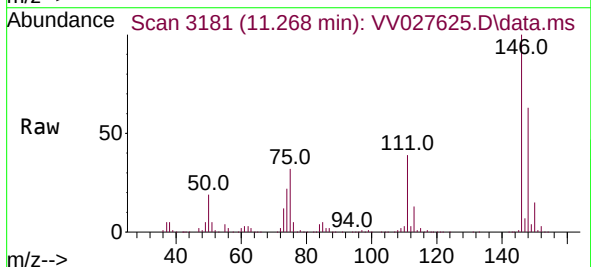
Instrument :
MSVOA_V
ClientSampleId :

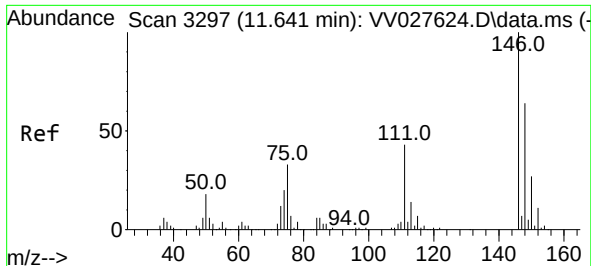
Tgt Ion:146 Resp: 299717
Ion Ratio Lower Upper
146 100
111 41.9 29.0 53.8
148 64.1 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 10.084 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

Tgt Ion:146 Resp: 298209
Ion Ratio Lower Upper
146 100
111 38.8 27.5 51.1
148 62.6 45.4 84.4

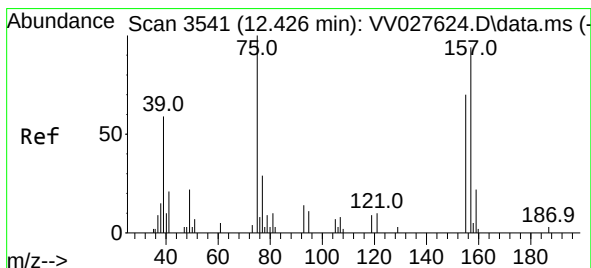
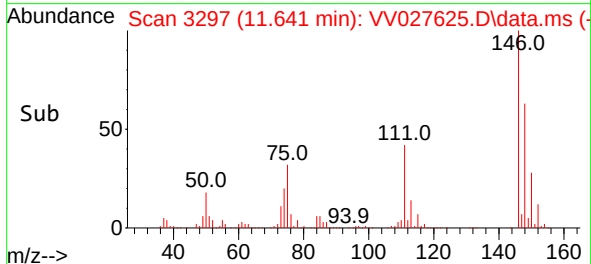
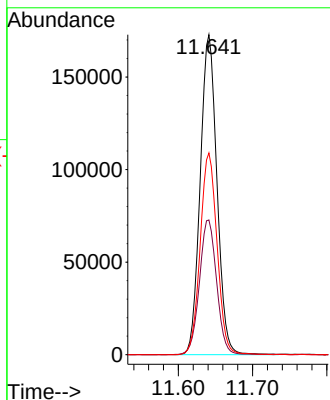
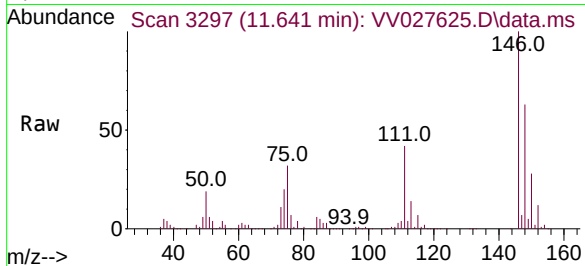




#67
1,2-Dichlorobenzene
Concen: 10.128 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

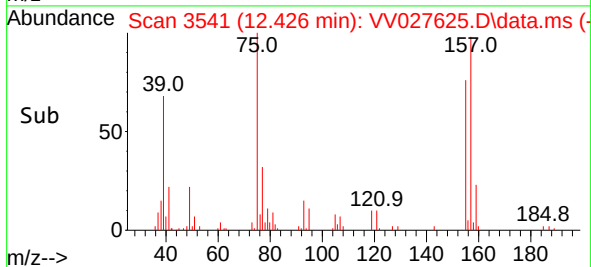
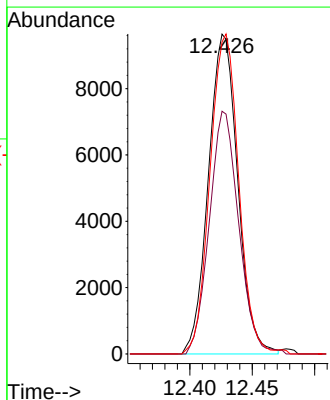
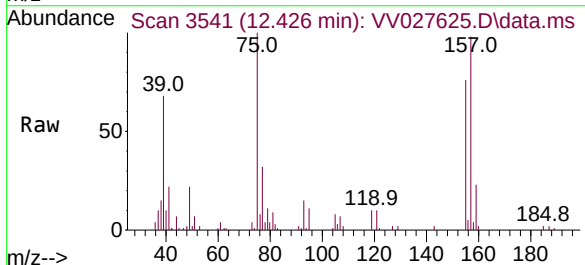
Instrument :
MSVOA_V
ClientSampleId :

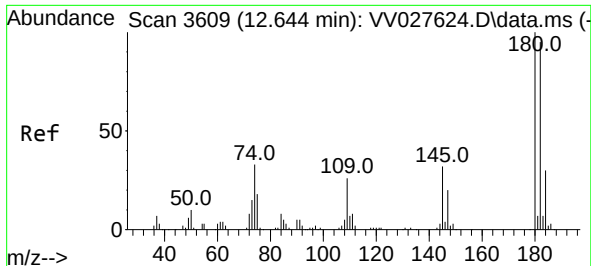
Tgt Ion:146 Resp: 270169
Ion Ratio Lower Upper
146 100
111 42.1 34.2 51.2
148 63.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 9.623 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027625.D
Acq: 31 Aug 2022 18:20

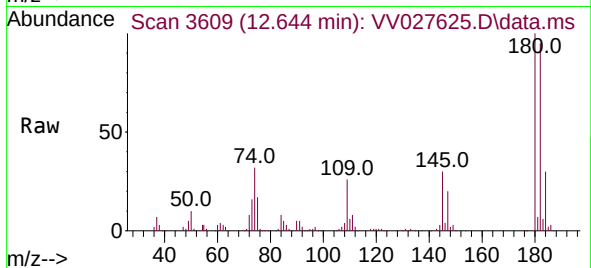
Tgt Ion: 75 Resp: 15789
Ion Ratio Lower Upper
75 100
155 75.9 56.4 84.6
157 97.6 74.9 112.3



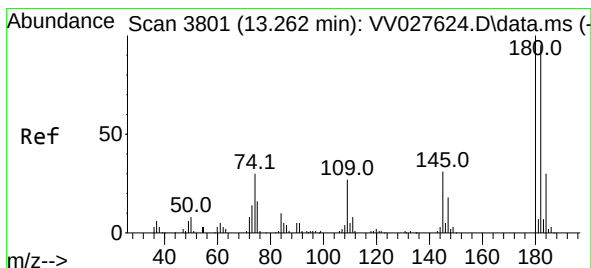
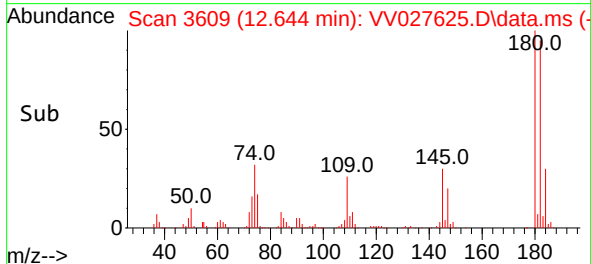
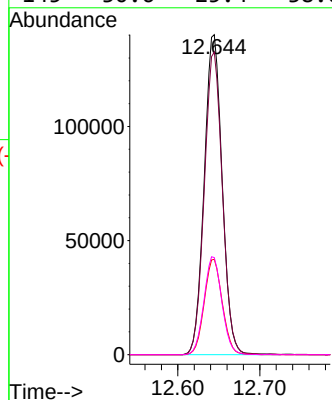


#69
 1,3,5-Trichlorobenzene
 Concen: 9.928 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV027625.D
 Acq: 31 Aug 2022 18:20

Instrument :
 MSVOA_V
 ClientSampleId :

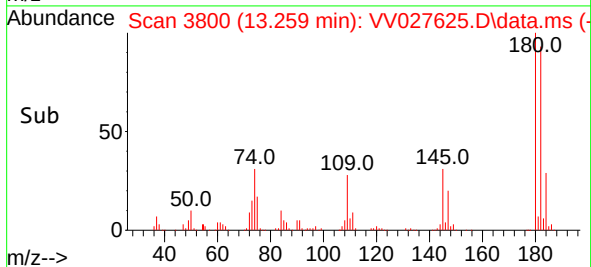
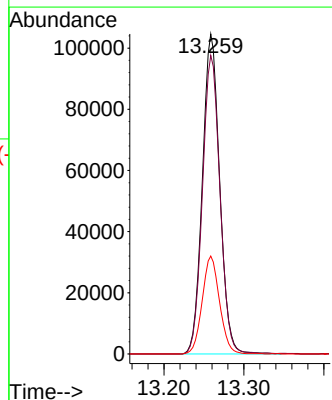
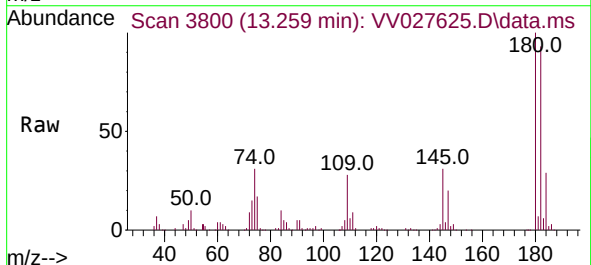


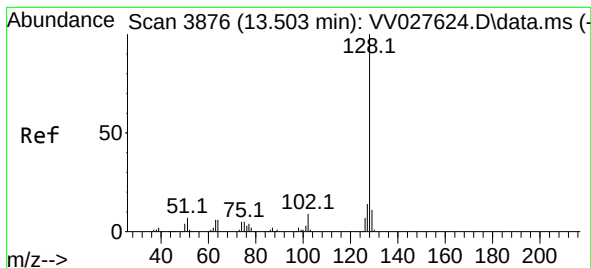
Tgt Ion:180 Resp: 212886
 Ion Ratio Lower Upper
 180 100
 182 95.1 74.6 112.0
 184 30.0 23.5 35.3
 145 30.6 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 9.973 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV027625.D
 Acq: 31 Aug 2022 18:20

Tgt Ion:180 Resp: 157623
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.8 113.8
 145 30.6 24.6 37.0





#71

Naphthalene

Concen: 8.797 ug/L

RT: 13.500 min Scan# 3876

Delta R.T. -0.003 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Instrument :

MSVOA_V

ClientSampleId :

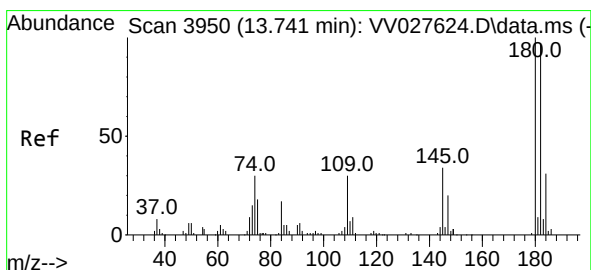
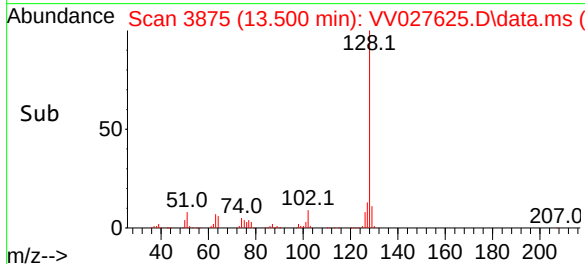
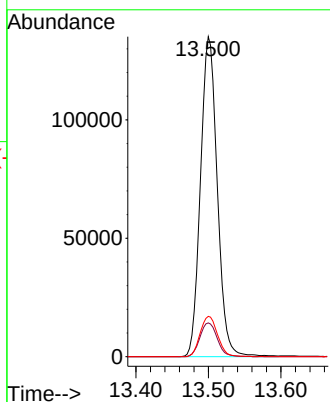
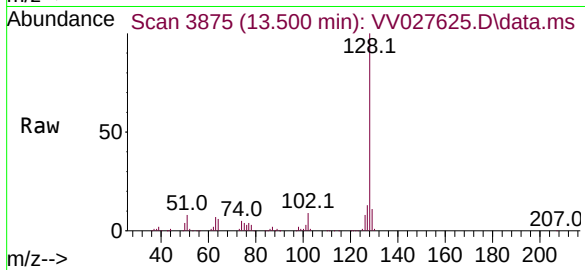
Tgt Ion:128 Resp: 217578

Ion Ratio Lower Upper

128 100

129 10.9 8.9 13.3

127 13.1 10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 10.248 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027625.D

Acq: 31 Aug 2022 18:20

Tgt Ion:180 Resp: 145886

Ion Ratio Lower Upper

180 100

182 93.5 77.1 115.7

145 33.8 27.4 41.0

