

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027603.D
 Acq On : 30 Aug 2022 22:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:53:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	158474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49400	4.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.564	69	42253	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.108	63	94793	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.889	46	114199	81.360	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	162.720%#
24) Chloroform-d	4.346	84	111711	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.034	65	51374	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.050	84	192643	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.069	67	60001	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	168683	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	19743	4.747	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.092	63	87228	63.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43350	5.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	52596	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70078	4.167	ug/L	100
3) Chloromethane	1.240	50	71957	4.900	ug/L	99
5) Vinyl chloride	1.310	62	70932	4.799	ug/L	97
6) Bromomethane	1.519	94	32409	4.434	ug/L	95
8) Chloroethane	1.584	64	44924	5.200	ug/L	97
9) Trichlorofluoromethane	1.751	101	97564	4.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55760	4.206	ug/L	97
12) 1,1-Dichloroethene	2.114	96	48810	4.071	ug/L	94
13) Acetone	2.175	43	86586	64.594	ug/L	97
14) Carbon disulfide	2.291	76	119115	3.620	ug/L	100
15) Methyl Acetate	2.436	43	22758	6.131	ug/L	95
16) Methylene chloride	2.503	84	90680	5.016	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	127331	5.133	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	55411	4.486	ug/L	96
19) 1,1-Dichloroethane	3.188	63	126699	4.954	ug/L	99
21) 2-Butanone	3.976	43	133329	74.739	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	62868	4.776	ug/L	96
23) Bromochloromethane	4.246	128	27069	4.663	ug/L	93
25) Chloroform	4.371	83	137539	4.946	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027603.D
 Acq On : 30 Aug 2022 22:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

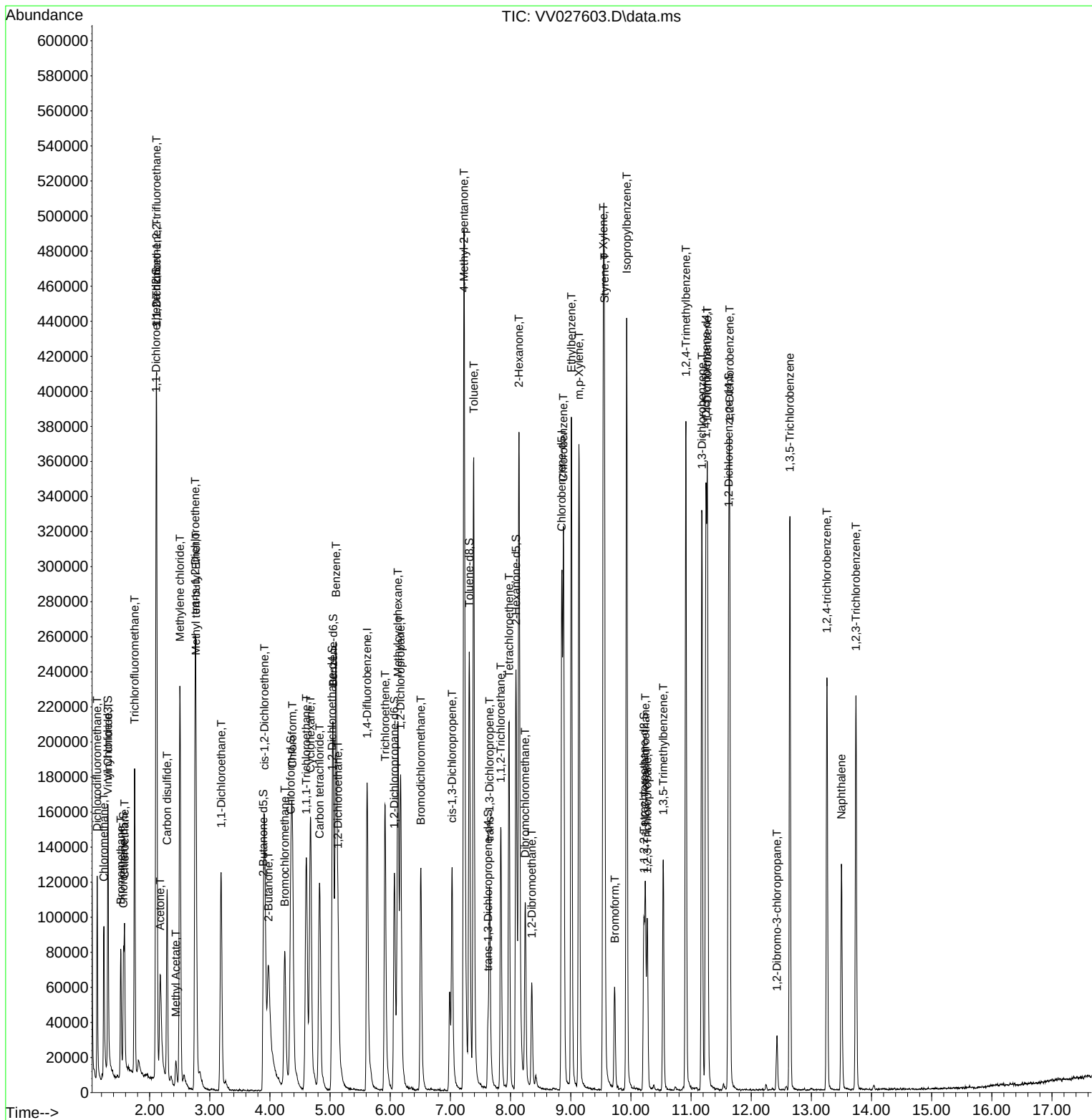
Instrument :
 MSVOA_V
 ClientSampleId :

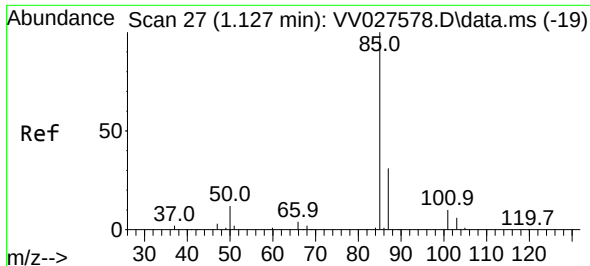
Quant Time: Aug 31 04:53:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	73646	5.212	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	114215	4.933	ug/L	99
30) Cyclohexane	4.674	56	77149	4.341	ug/L	97
31) Carbon tetrachloride	4.825	117	93638	4.651	ug/L	98
33) Benzene	5.098	78	258197	5.149	ug/L	100
34) Trichloroethene	5.915	95	62060	4.703	ug/L	96
35) Methylcyclohexane	6.127	83	79947	4.307	ug/L	97
37) 1,2-Dichloropropane	6.172	63	68596	5.131	ug/L	100
38) Bromodichloromethane	6.506	83	88699	5.233	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	80086	4.968	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	366525	61.359	ug/L	98
42) Toluene	7.387	91	265676	5.133	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	68448	5.023	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	46871	5.484	ug/L	93
47) Tetrachloroethene	7.976	164	46818	4.554	ug/L	98
48) 2-Hexanone	8.140	43	266029	61.806	ug/L	99
49) Dibromochloromethane	8.243	129	53828	5.121	ug/L	92
50) 1,2-Dibromoethane	8.352	107	40578	5.439	ug/L	92
51) Chlorobenzene	8.879	112	165130	4.929	ug/L	97
52) Ethylbenzene	9.011	91	258269	4.888	ug/L	100
53) m,p-Xylene	9.136	106	101513	5.021	ug/L	98
54) o-Xylene	9.542	106	98615	5.028	ug/L	99
55) Styrene	9.561	104	177259	5.313	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	54468	5.657	ug/L	97
59) Bromoform	9.731	173	26001	5.075	ug/L	98
60) Isopropylbenzene	9.931	105	264679	5.262	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	38228	5.701	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	67918	4.870	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	196100	4.991	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	130390	5.262	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	129521	5.243	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	119984	5.340	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	8324	5.587	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	93271	5.042	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	68222	5.075	ug/L	99
71) Naphthalene	13.500	128	99347	5.354	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63437	5.313	ug/L	98

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

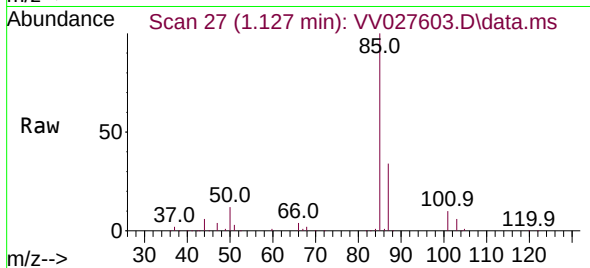
Quant Time: Aug 31 04:53:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 31 04:45:39 2022
Response via : Initial Calibration



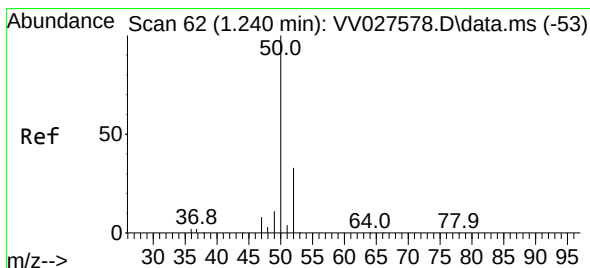
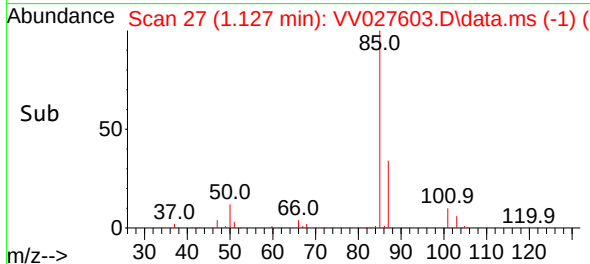
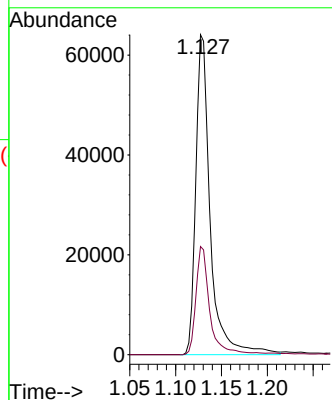


#2
 Dichlorodifluoromethane
 Concen: 4.167 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027603.D
 Acq: 30 Aug 2022 22:12

Instrument :
 MSVOA_V
 ClientSampleId :

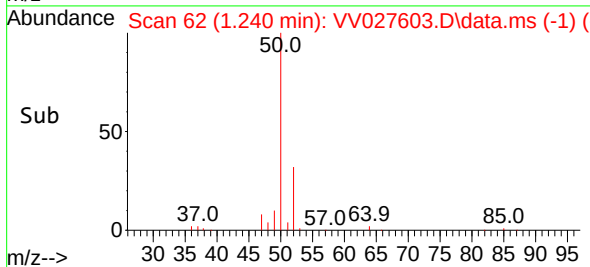
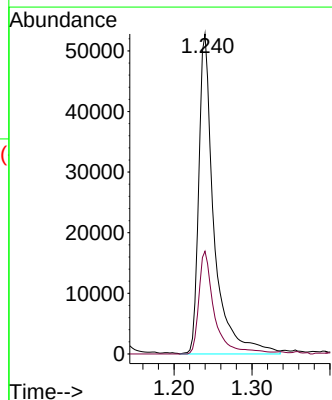
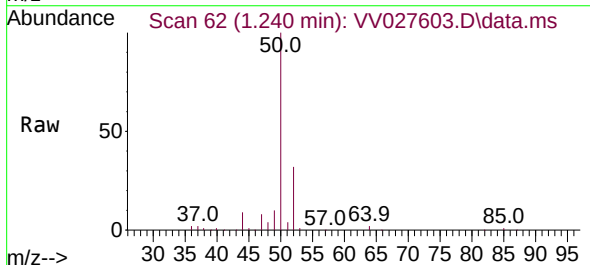


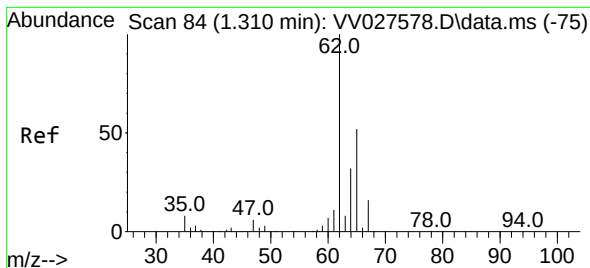
Tgt Ion: 85 Resp: 70078
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 4.900 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV027603.D
 Acq: 30 Aug 2022 22:12

Tgt Ion: 50 Resp: 71957
 Ion Ratio Lower Upper
 50 100
 52 32.1 22.8 42.4





#5

Vinyl chloride

Concen: 4.799 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

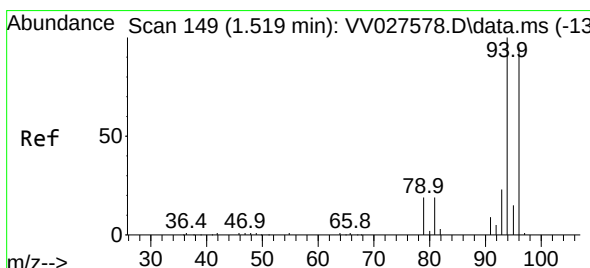
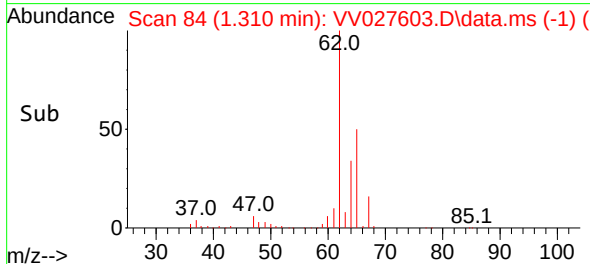
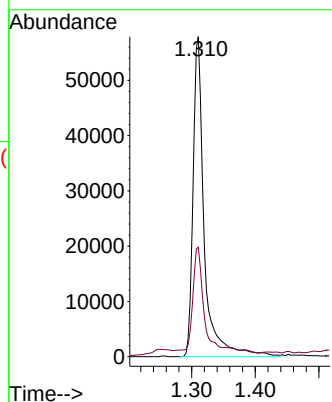
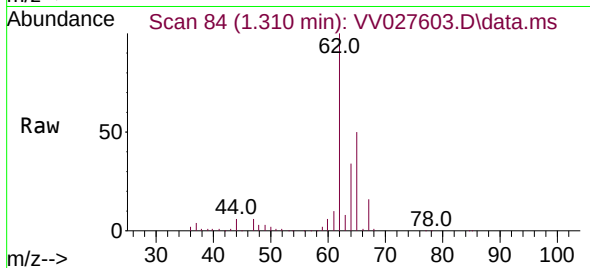
ClientSampleId :

Tgt Ion: 62 Resp: 70932

Ion Ratio Lower Upper

62 100

64 34.2 22.6 42.0



#6

Bromomethane

Concen: 4.434 ug/L

RT: 1.519 min Scan# 149

Delta R.T. 0.000 min

Lab File: VV027603.D

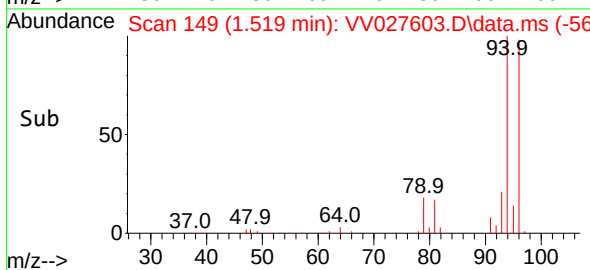
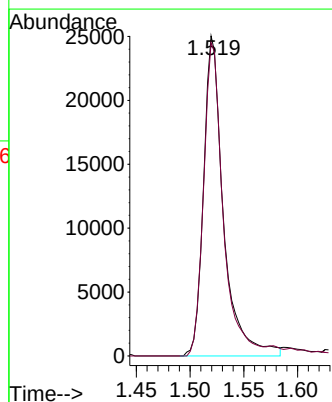
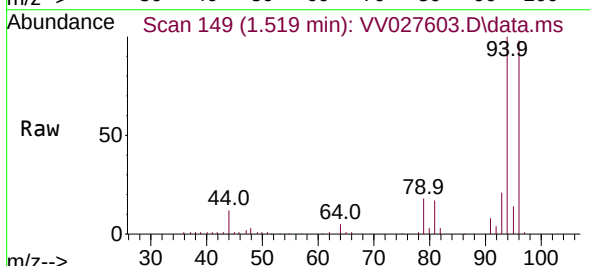
Acq: 30 Aug 2022 22:12

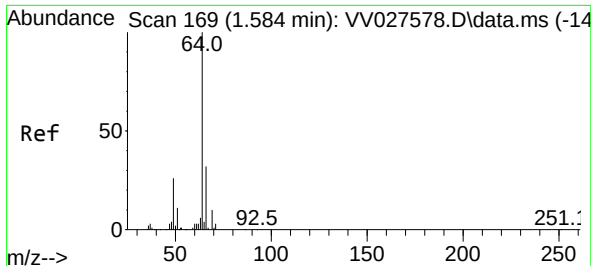
Tgt Ion: 94 Resp: 32409

Ion Ratio Lower Upper

94 100

96 97.9 65.2 121.0

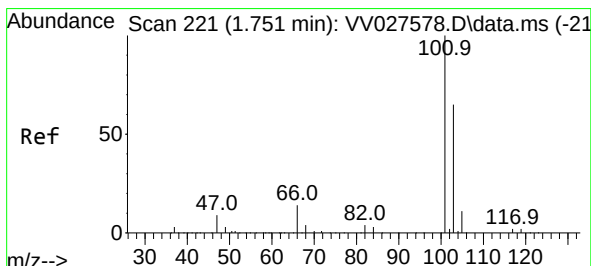
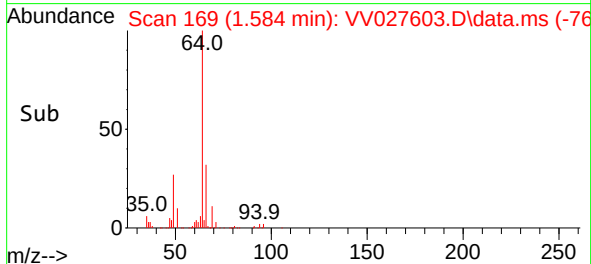
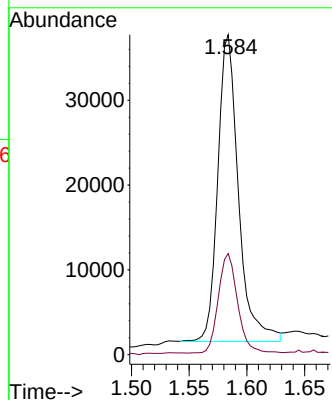
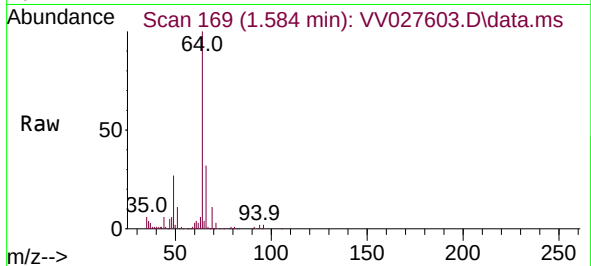




#8
Chloroethane
Concen: 5.200 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

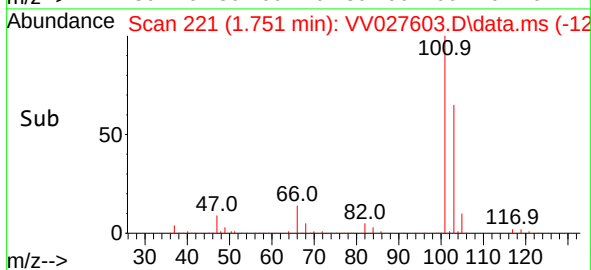
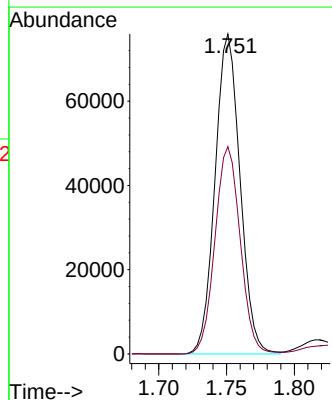
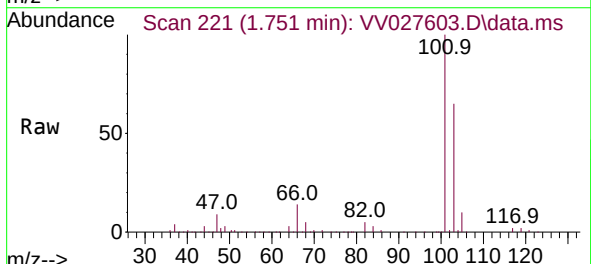
Instrument :
MSVOA_V
ClientSampleId :

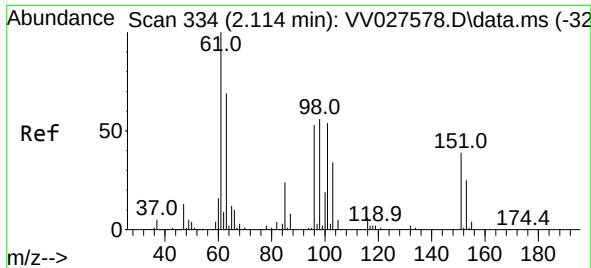
Tgt Ion: 64 Resp: 44924
Ion Ratio Lower Upper
64 100
66 31.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 4.154 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion:101 Resp: 97564
Ion Ratio Lower Upper
101 100
103 65.4 51.5 77.3

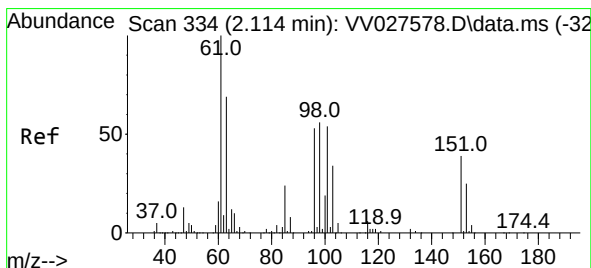
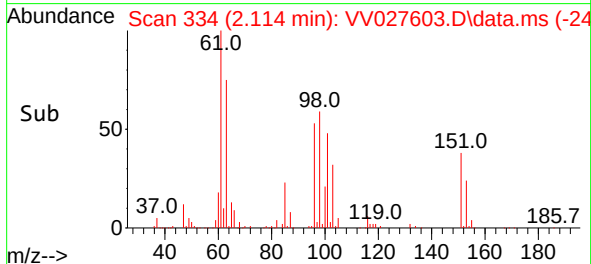
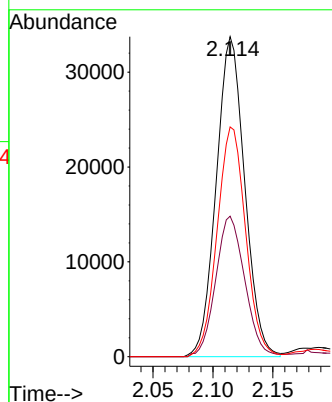
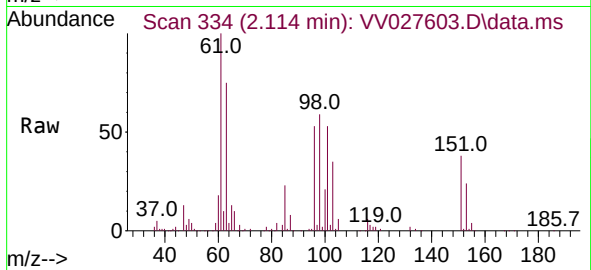




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.206 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027603.D
 Acq: 30 Aug 2022 22:12

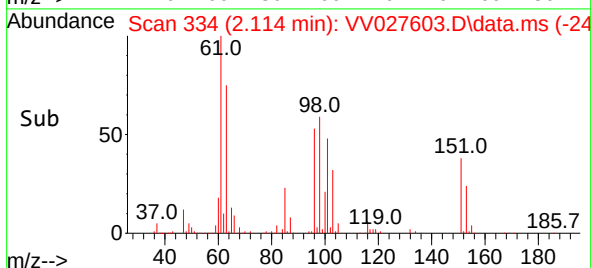
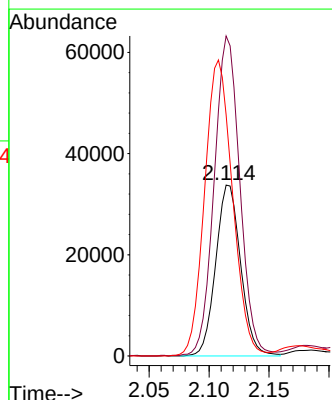
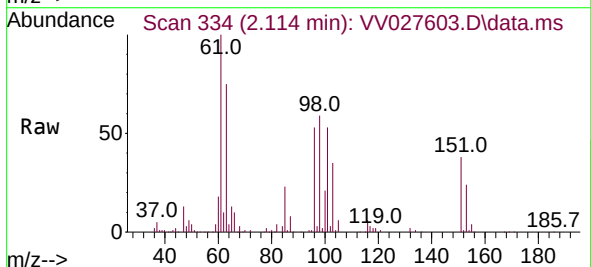
Instrument :
 MSVOA_V
 ClientSampleId :

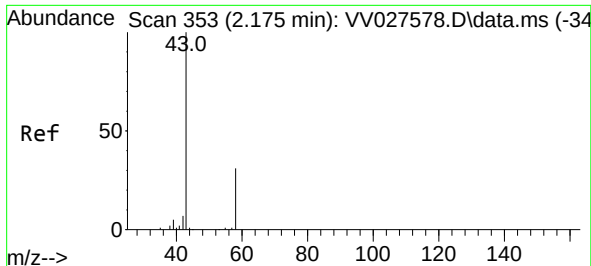
Tgt Ion:101 Resp: 55760
 Ion Ratio Lower Upper
 101 100
 85 44.8 35.3 52.9
 151 71.8 55.2 82.8



#12
 1,1-Dichloroethene
 Concen: 4.071 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV027603.D
 Acq: 30 Aug 2022 22:12

Tgt Ion: 96 Resp: 48810
 Ion Ratio Lower Upper
 96 100
 61 187.3 130.2 241.8
 63 141.1 87.4 162.4





#13

Acetone

Concen: 64.594 ug/L

RT: 2.175 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

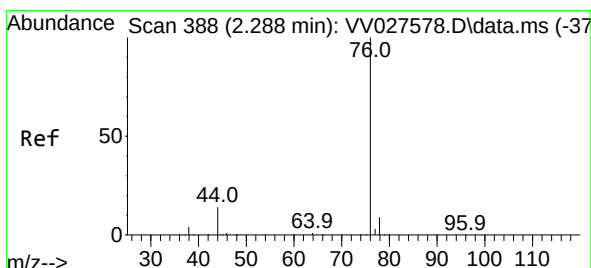
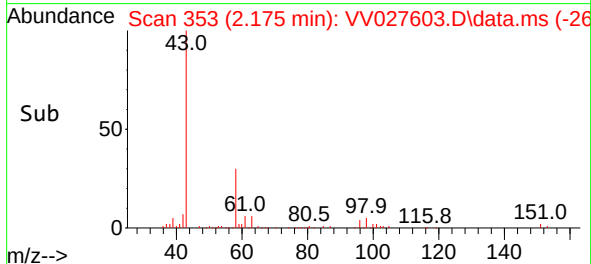
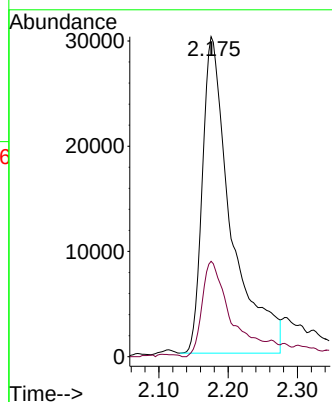
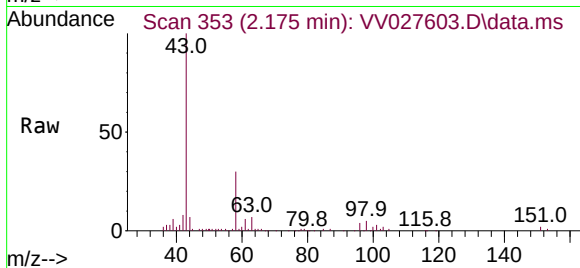
ClientSampleId :

Tgt Ion: 43 Resp: 86586

Ion Ratio Lower Upper

43 100

58 29.7 0.0 62.2



#14

Carbon disulfide

Concen: 3.620 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.003 min

Lab File: VV027603.D

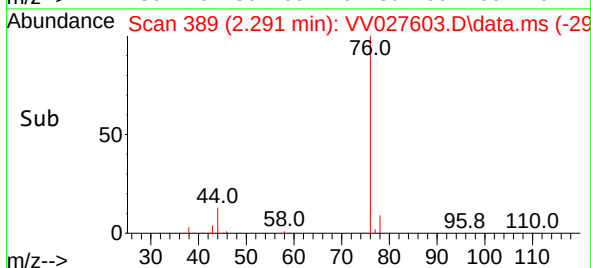
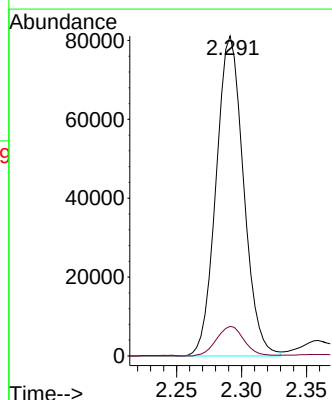
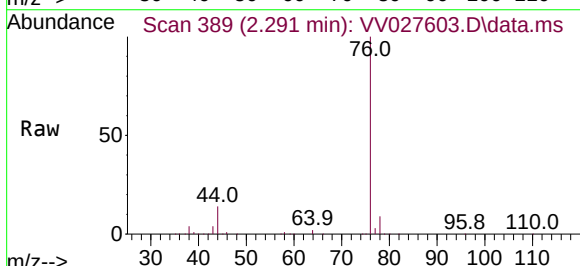
Acq: 30 Aug 2022 22:12

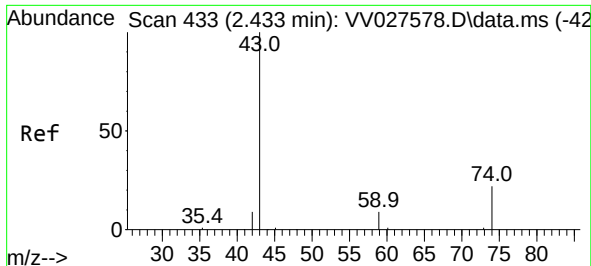
Tgt Ion: 76 Resp: 119115

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

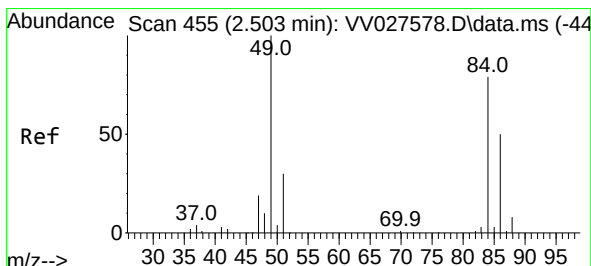
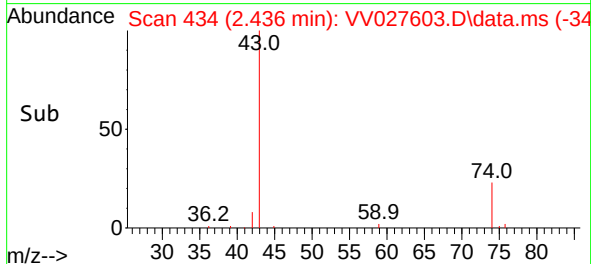
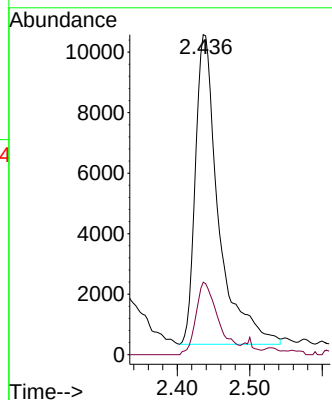
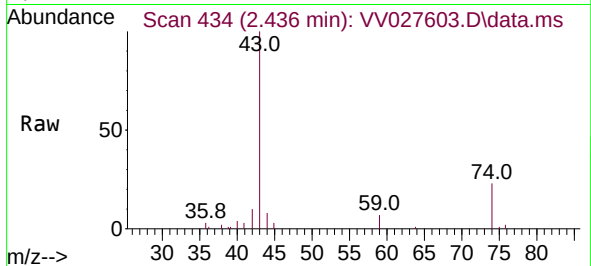




#15
Methyl Acetate
Concen: 6.131 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

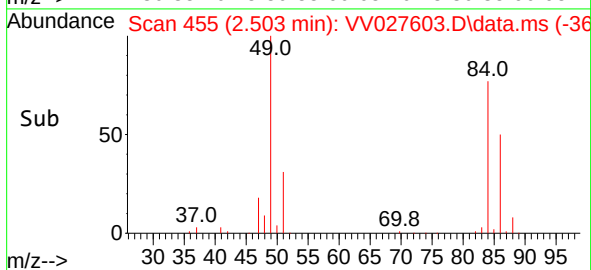
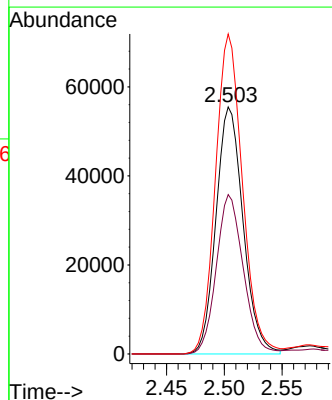
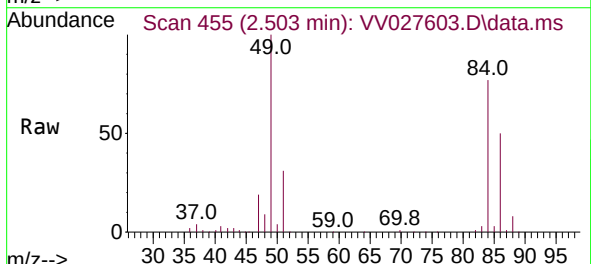
Instrument :
MSVOA_V
ClientSampleId :

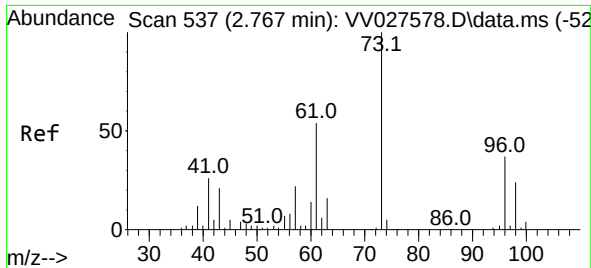
Tgt Ion: 43 Resp: 22758
Ion Ratio Lower Upper
43 100
74 22.6 16.3 24.5



#16
Methylene chloride
Concen: 5.016 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion: 84 Resp: 90680
Ion Ratio Lower Upper
84 100
86 64.5 44.0 81.6
49 129.5 89.4 166.0

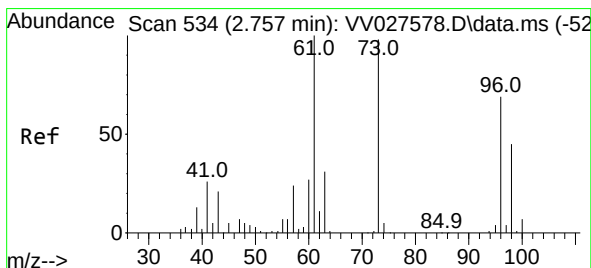
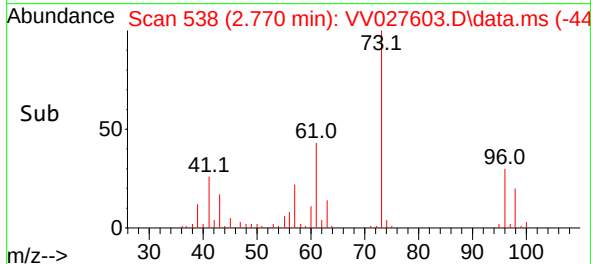
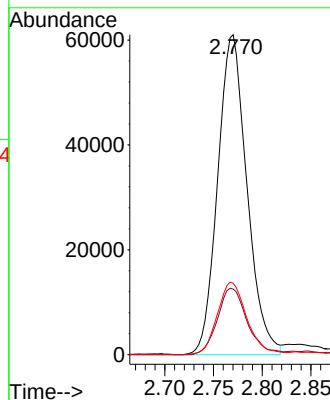
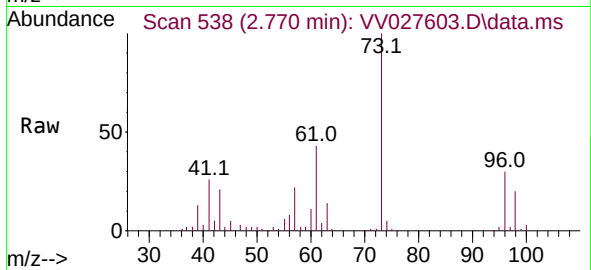




#17
Methyl tert-butyl Ether
Concen: 5.133 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

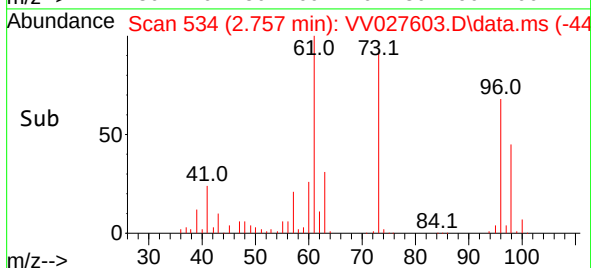
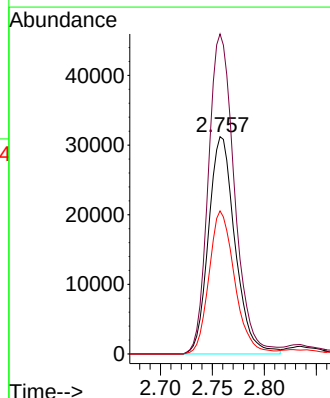
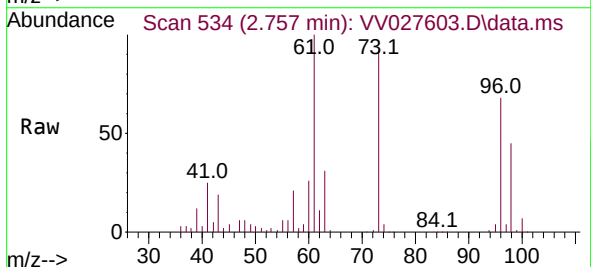
Instrument :
MSVOA_V
ClientSampleId :

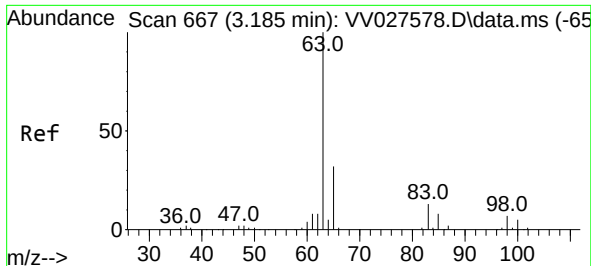
Tgt Ion: 73 Resp: 127331
Ion Ratio Lower Upper
73 100
43 21.2 15.6 23.4
57 22.9 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 4.486 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion: 96 Resp: 55411
Ion Ratio Lower Upper
96 100
61 147.3 97.6 181.4
98 65.8 45.9 85.3

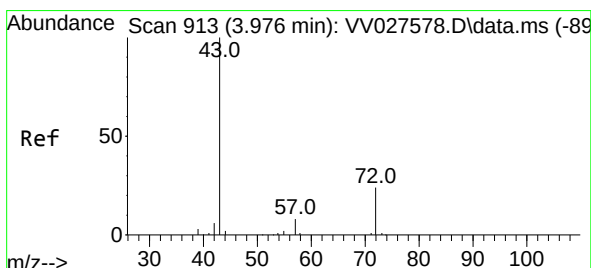
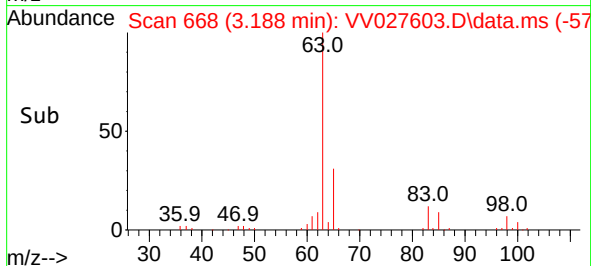
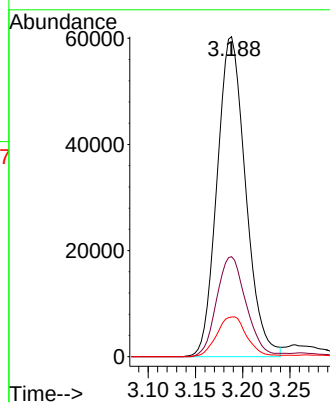
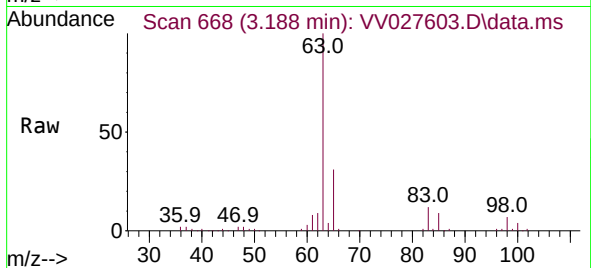




#19
1,1-Dichloroethane
Concen: 4.954 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

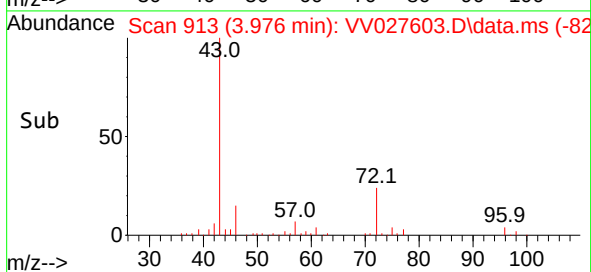
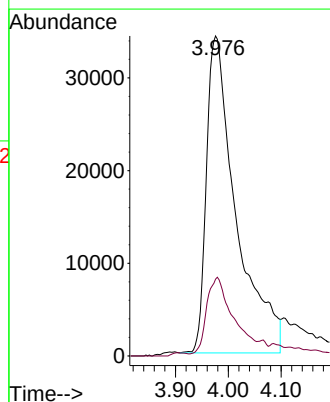
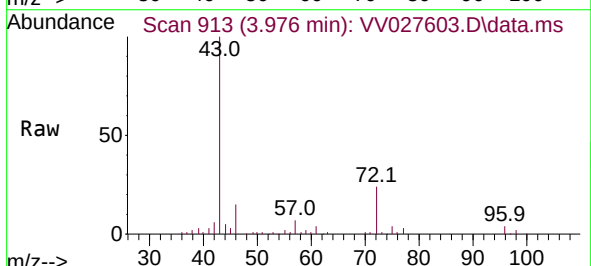
Instrument :
MSVOA_V
ClientSampleId :

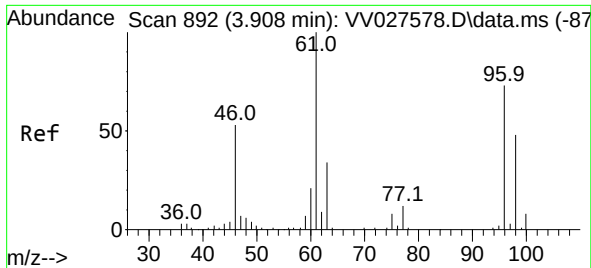
Tgt Ion: 63 Resp: 126699
Ion Ratio Lower Upper
63 100
65 31.3 22.1 41.1
83 12.4 9.6 17.8



#21
2-Butanone
Concen: 74.739 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

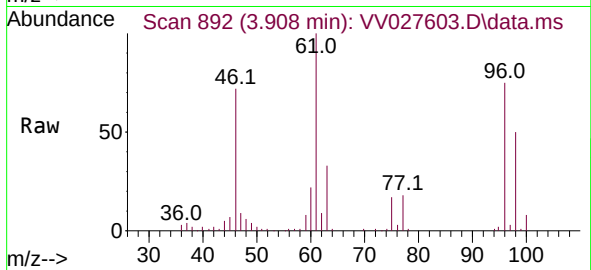
Tgt Ion: 43 Resp: 133329
Ion Ratio Lower Upper
43 100
72 21.3 12.0 36.1





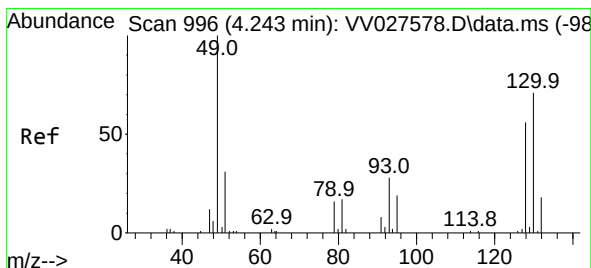
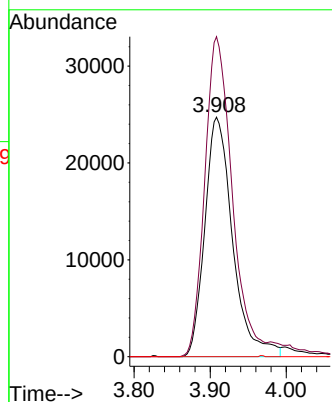
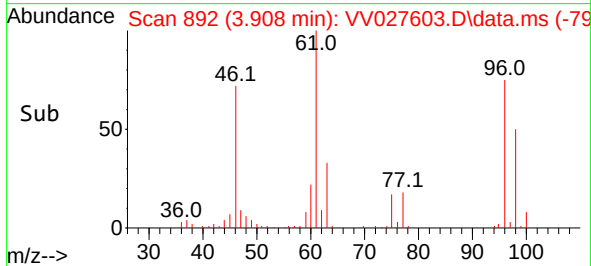
#22
 cis-1,2-Dichloroethene
 Concen: 4.776 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV027603.D
 Acq: 30 Aug 2022 22:12

Instrument :
 MSVOA_V
 ClientSampleId :

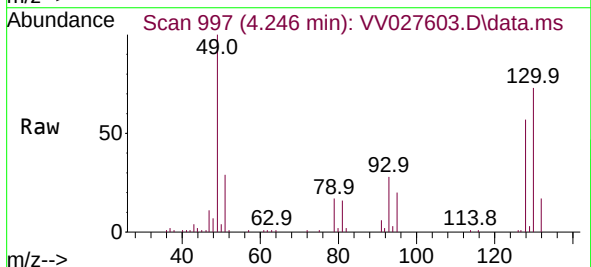


Tgt Ion: 96 Resp: 62868

Ion	Ratio	Lower	Upper
96	100		
61	133.6	90.6	168.2
68	0.0	0.0	0.0

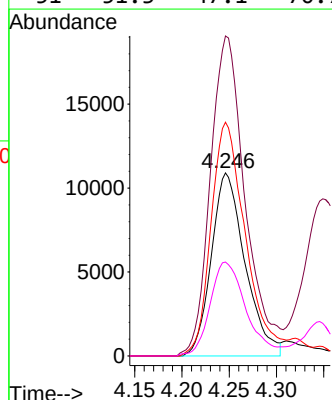
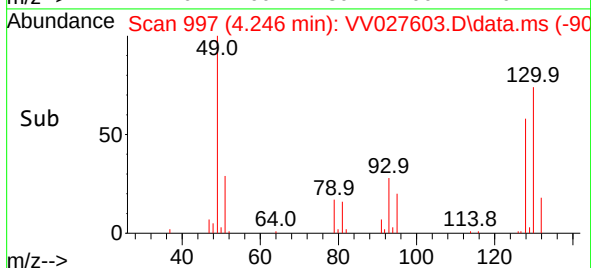


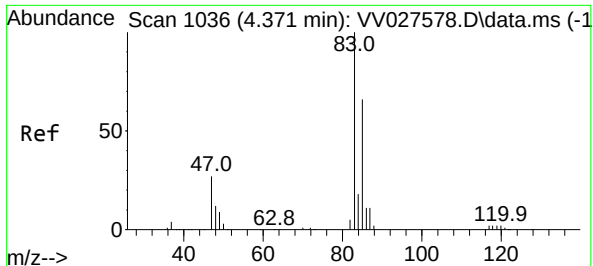
#23
 Bromochloromethane
 Concen: 4.663 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV027603.D
 Acq: 30 Aug 2022 22:12



Tgt Ion: 128 Resp: 27069

Ion	Ratio	Lower	Upper
128	100		
49	174.9	127.5	236.7
130	127.8	97.0	180.2
51	51.3	47.1	70.7





#25

Chloroform

Concen: 4.946 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

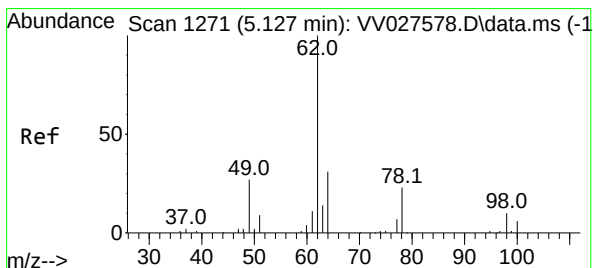
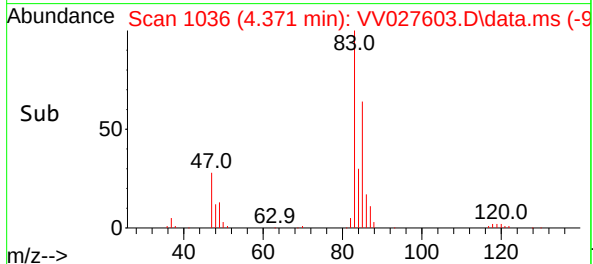
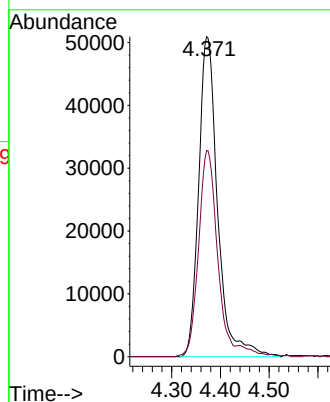
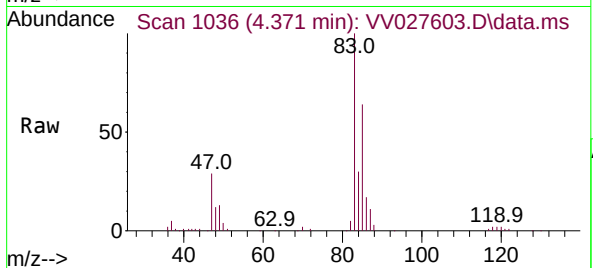
ClientSampleId :

Tgt Ion: 83 Resp: 137539

Ion Ratio Lower Upper

83 100

85 64.4 43.3 80.5



#27

1,2-Dichloroethane

Concen: 5.212 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027603.D

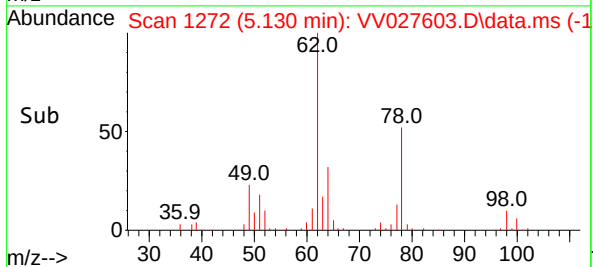
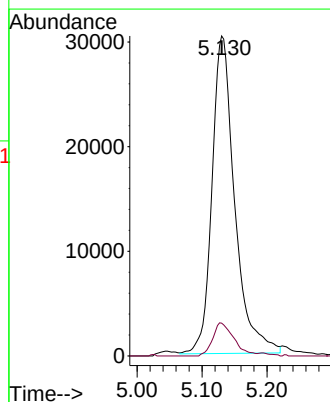
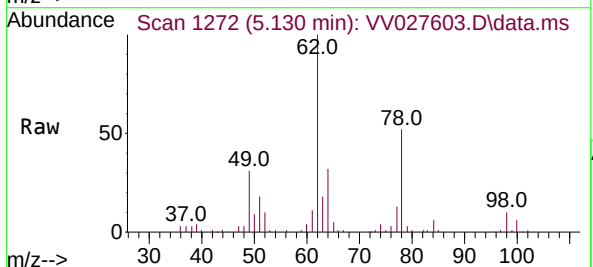
Acq: 30 Aug 2022 22:12

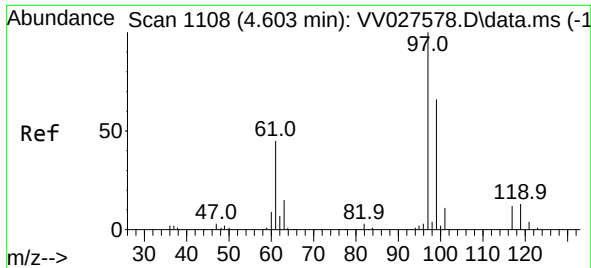
Tgt Ion: 62 Resp: 73646

Ion Ratio Lower Upper

62 100

98 10.2 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 4.933 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

ClientSampleId :

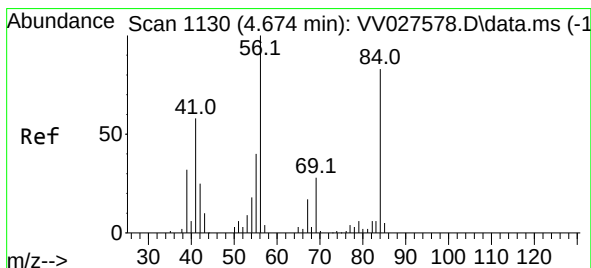
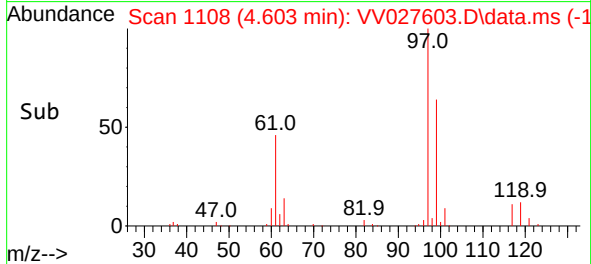
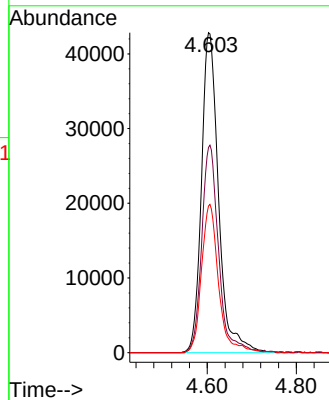
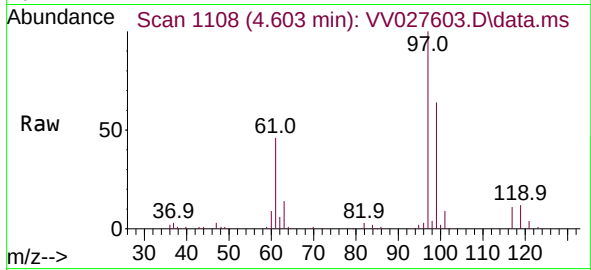
Tgt Ion: 97 Resp: 114215

Ion Ratio Lower Upper

97 100

99 63.8 51.1 76.7

61 46.2 35.9 53.9



#30

Cyclohexane

Concen: 4.341 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

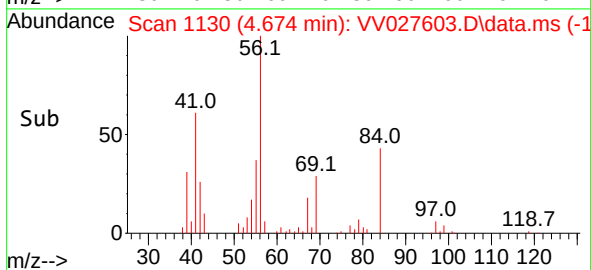
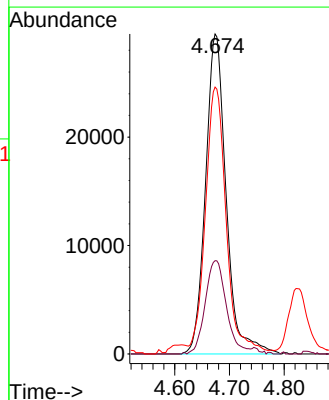
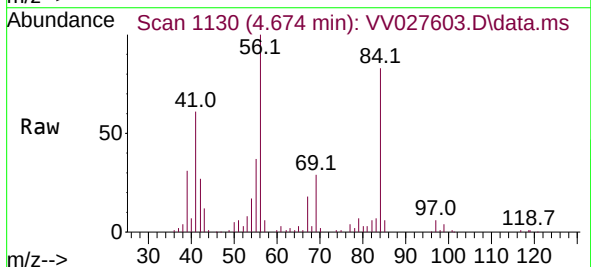
Tgt Ion: 56 Resp: 77149

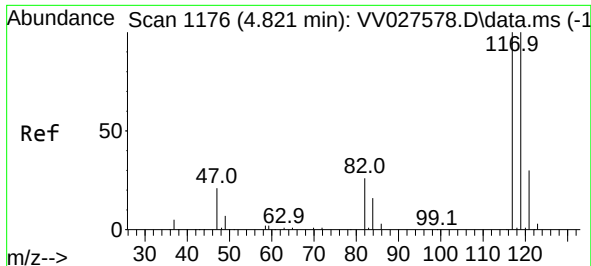
Ion Ratio Lower Upper

56 100

69 30.0 25.4 38.0

84 83.7 69.7 104.5

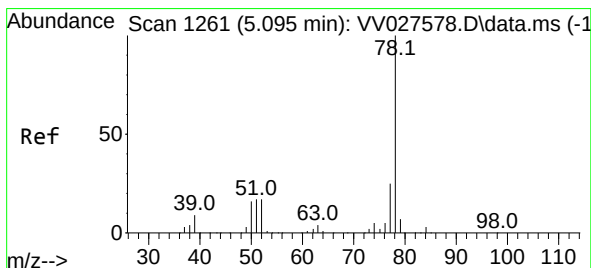
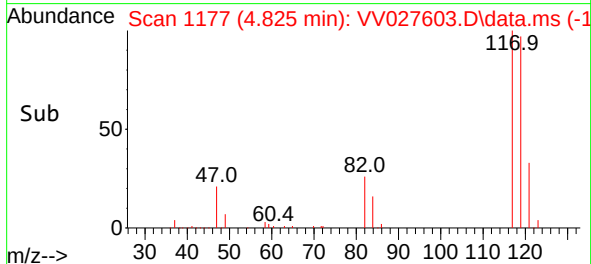
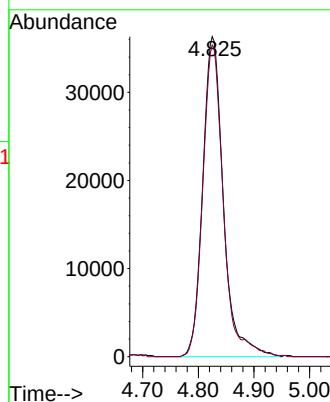
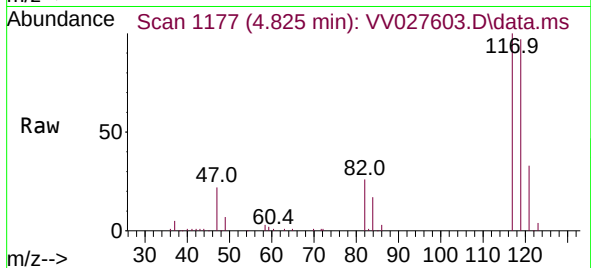




#31
Carbon tetrachloride
Concen: 4.651 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

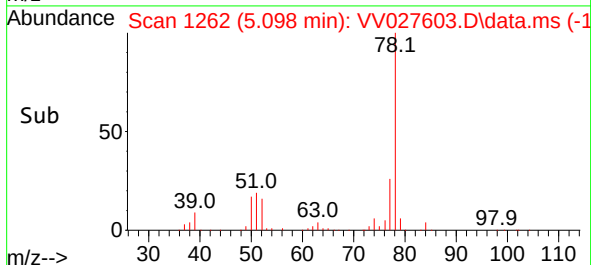
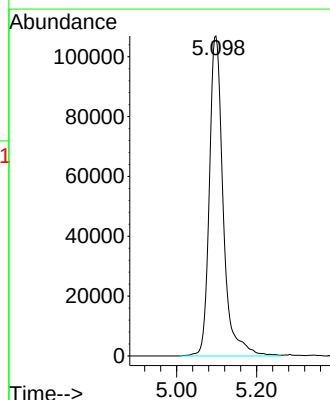
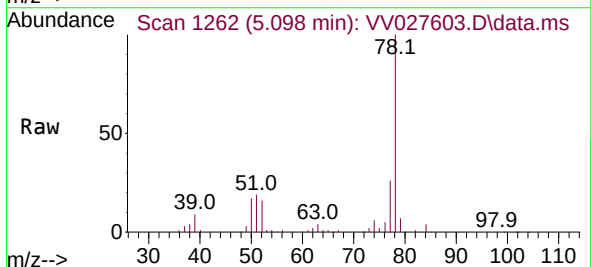
Instrument :
MSVOA_V
ClientSampleId :

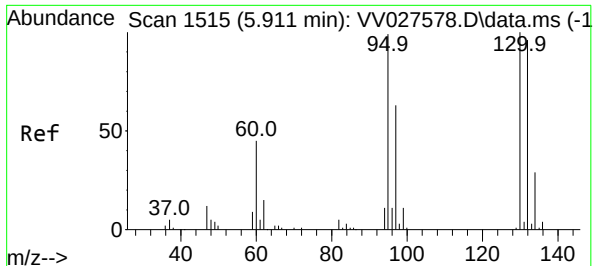
Tgt Ion:117 Resp: 93638
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1



#33
Benzene
Concen: 5.149 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion: 78 Resp: 258197



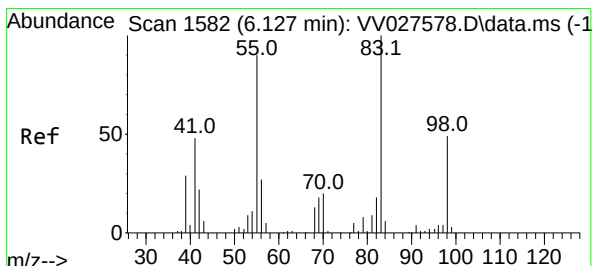
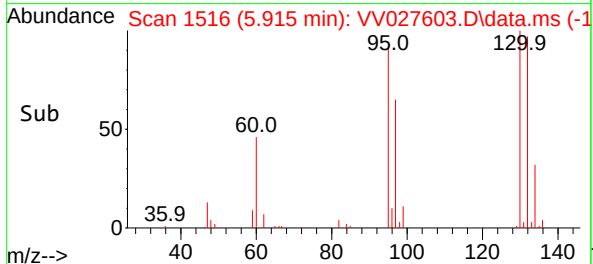
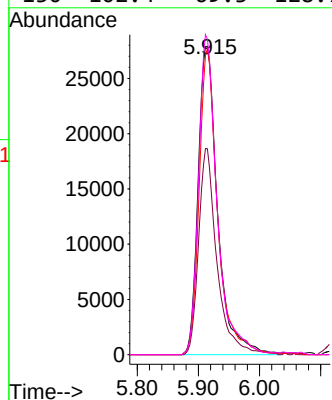
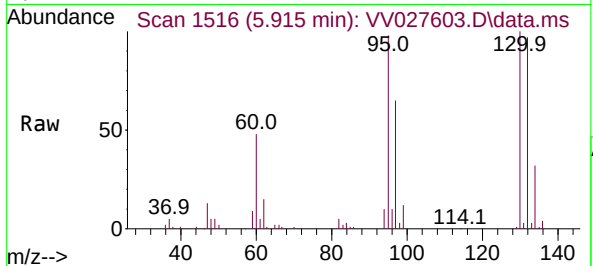


#34
Trichloroethene
Concen: 4.703 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 62060

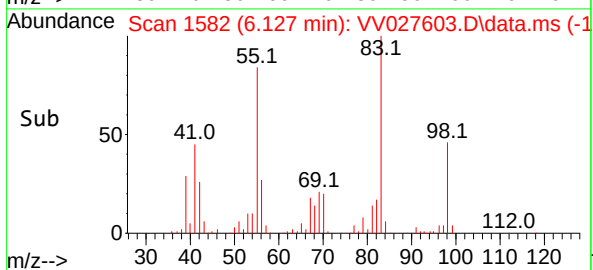
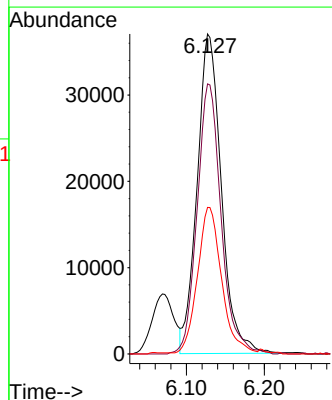
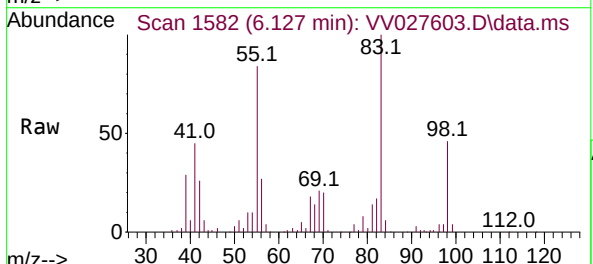
Ion	Ratio	Lower	Upper
95	100		
97	66.8	45.0	83.6
132	99.3	65.7	121.9
130	102.4	69.3	128.7

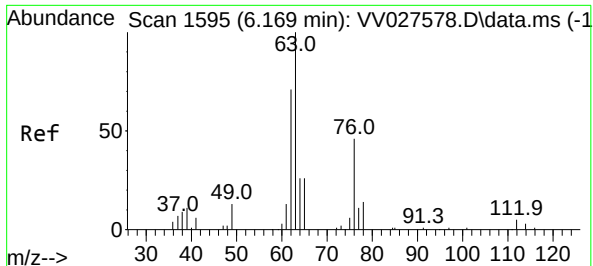


#35
Methylcyclohexane
Concen: 4.307 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion: 83 Resp: 79947

Ion	Ratio	Lower	Upper
83	100		
55	83.7	68.2	102.4
98	45.0	39.0	58.4





#37

1,2-Dichloropropane

Concen: 5.131 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

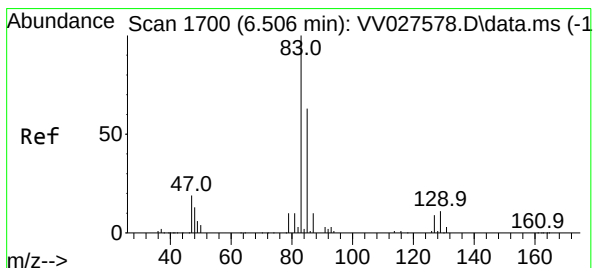
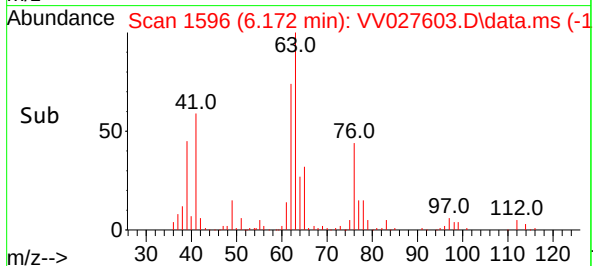
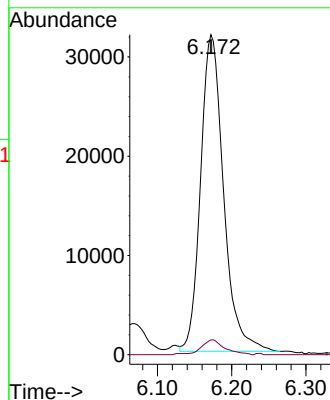
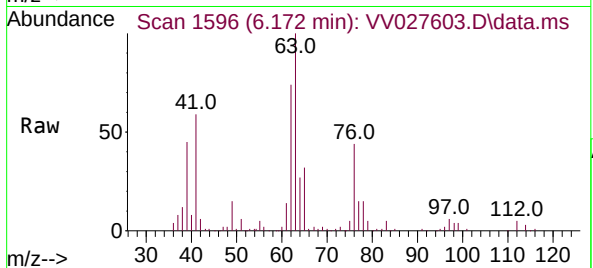
ClientSampleId :

Tgt Ion: 63 Resp: 68596

Ion Ratio Lower Upper

63 100

112 4.8 3.9 5.9



#38

Bromodichloromethane

Concen: 5.233 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

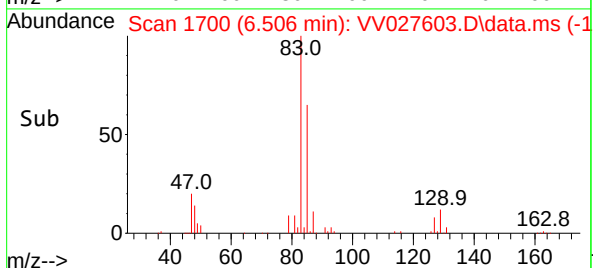
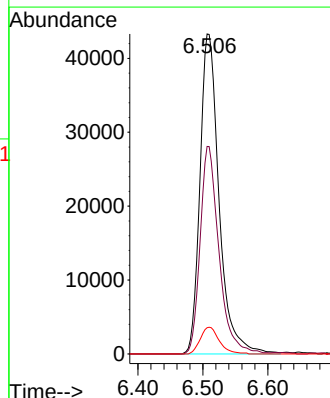
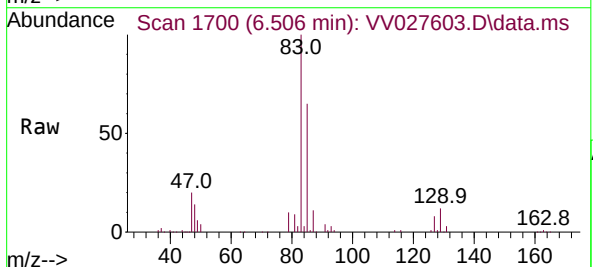
Tgt Ion: 83 Resp: 88699

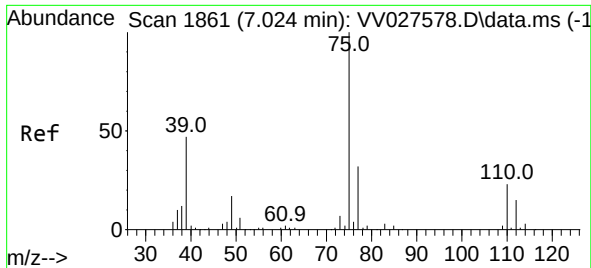
Ion Ratio Lower Upper

83 100

85 64.8 45.3 84.1

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.968 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

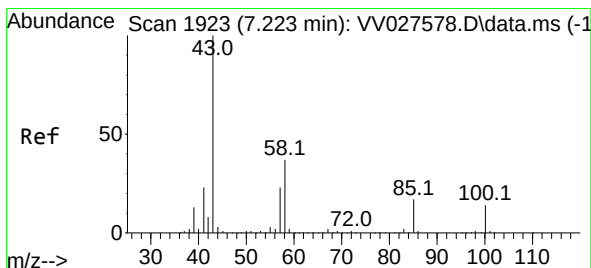
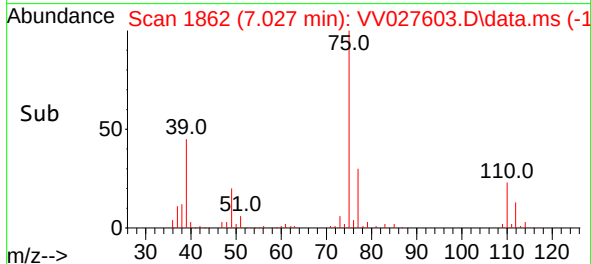
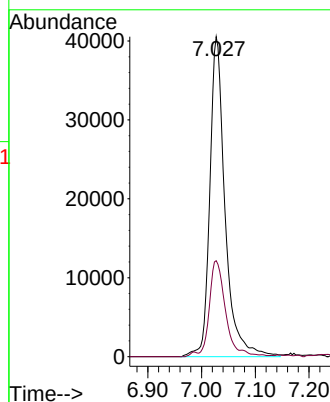
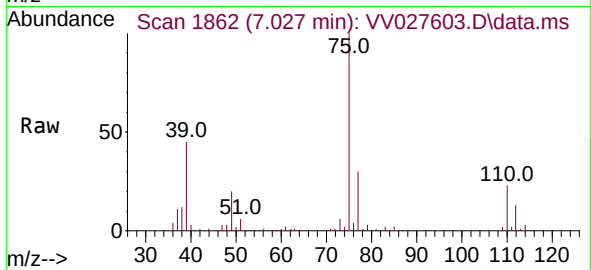
ClientSampleId :

Tgt Ion: 75 Resp: 80086

Ion Ratio Lower Upper

75 100

77 30.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 61.359 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

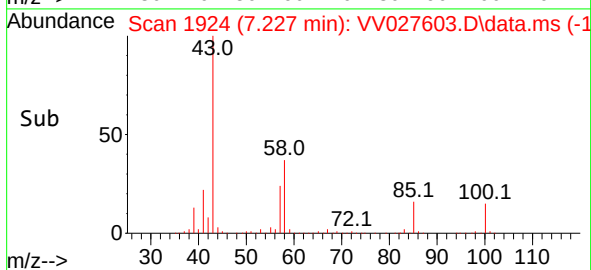
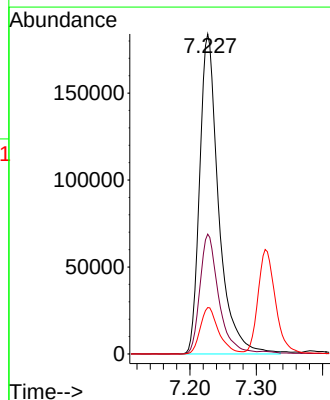
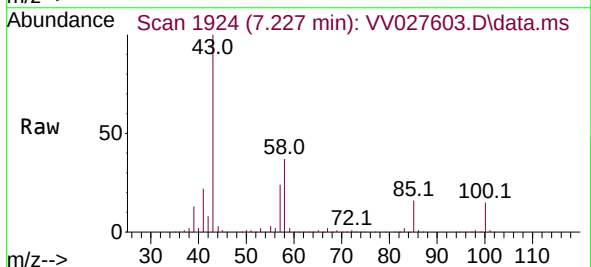
Tgt Ion: 43 Resp: 366525

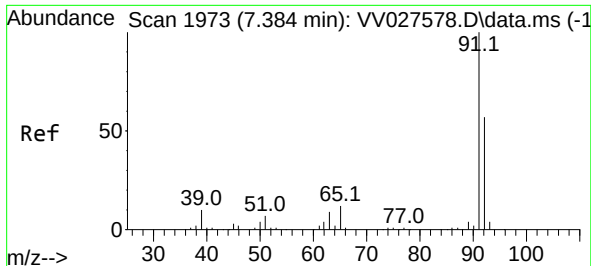
Ion Ratio Lower Upper

43 100

58 37.1 30.6 45.8

100 14.1 11.0 16.4





#42

Toluene

Concen: 5.133 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

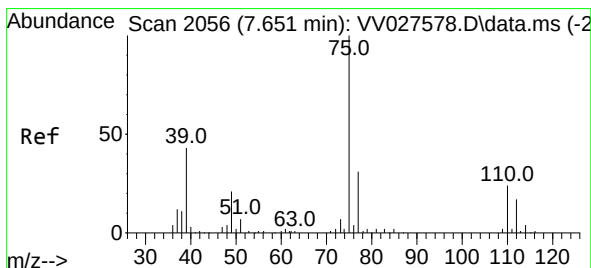
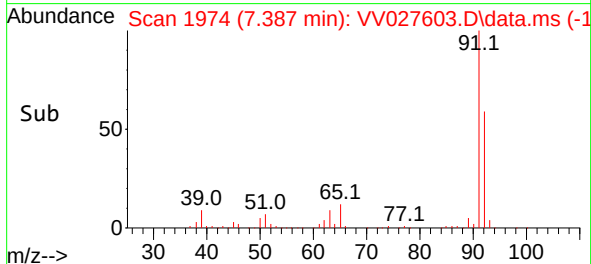
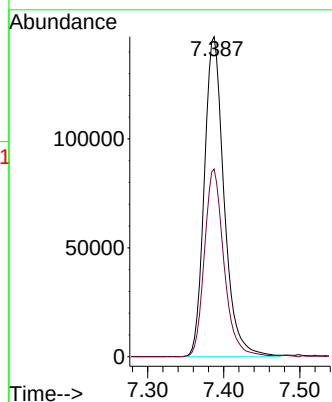
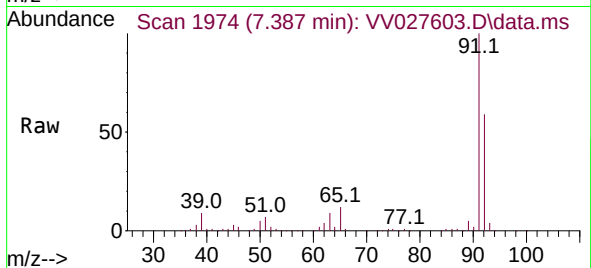
ClientSampleId :

Tgt Ion: 91 Resp: 265676

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 5.023 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027603.D

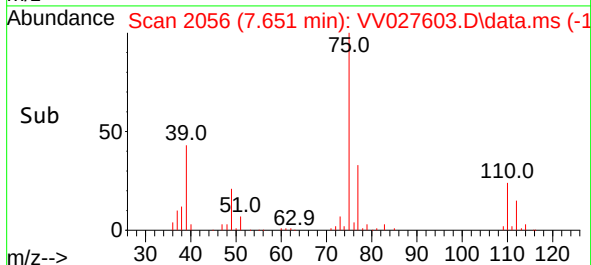
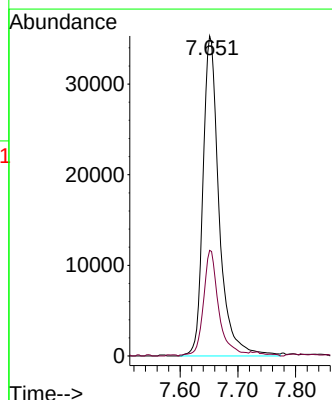
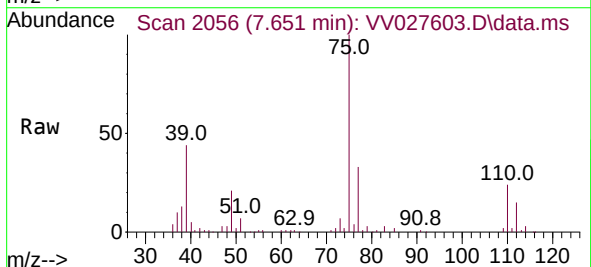
Acq: 30 Aug 2022 22:12

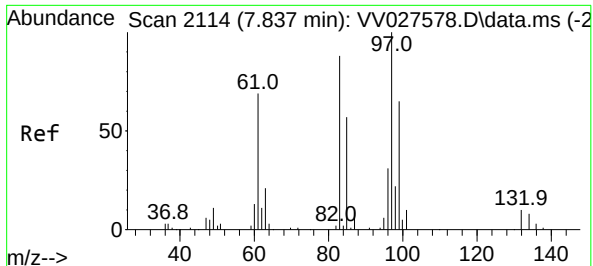
Tgt Ion: 75 Resp: 68448

Ion Ratio Lower Upper

75 100

77 33.0 22.3 41.5





#45

1,1,2-Trichloroethane

Concen: 5.484 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 46871

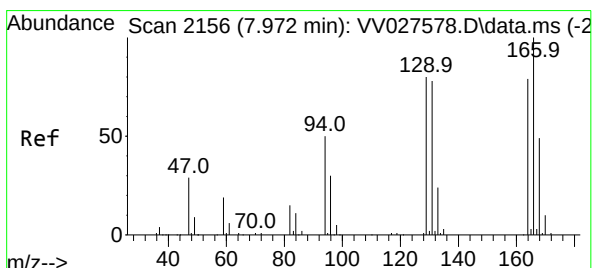
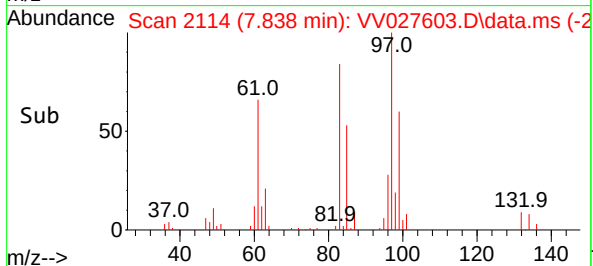
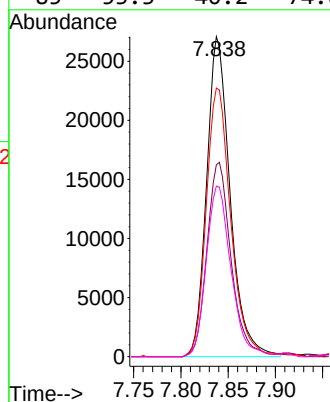
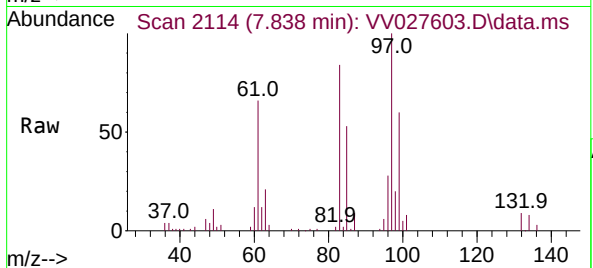
Ion Ratio Lower Upper

97 100

99 59.9 46.1 85.7

83 83.9 63.0 117.0

85 53.3 40.2 74.6



#47

Tetrachloroethene

Concen: 4.554 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Tgt Ion: 164 Resp: 46818

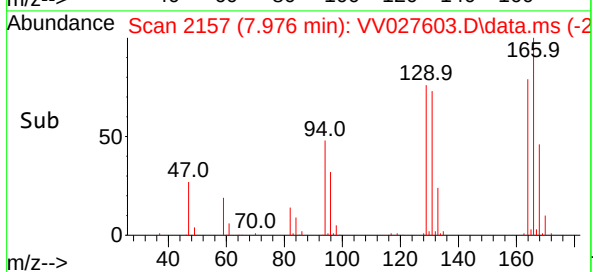
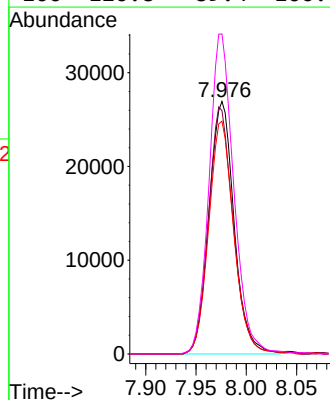
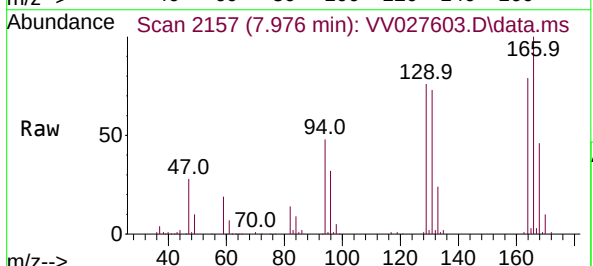
Ion Ratio Lower Upper

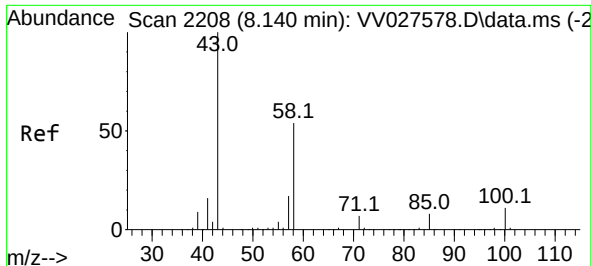
164 100

129 96.4 71.1 132.1

131 92.2 64.5 119.9

166 126.8 89.4 166.0





#48

2-Hexanone

Concen: 61.806 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 266029

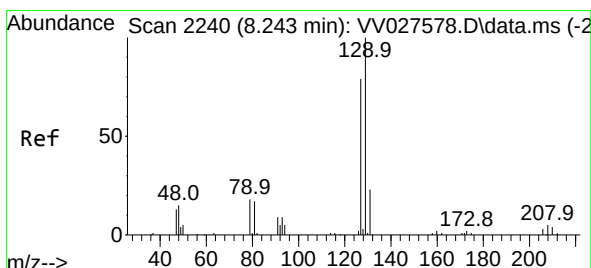
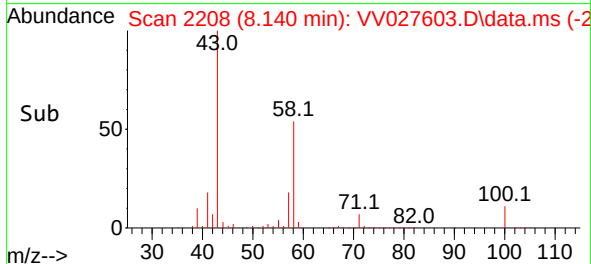
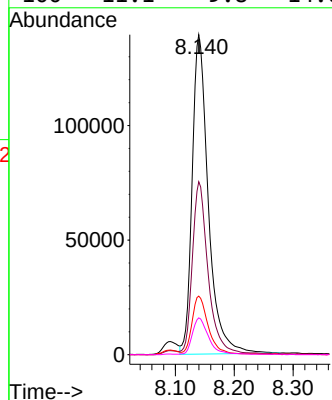
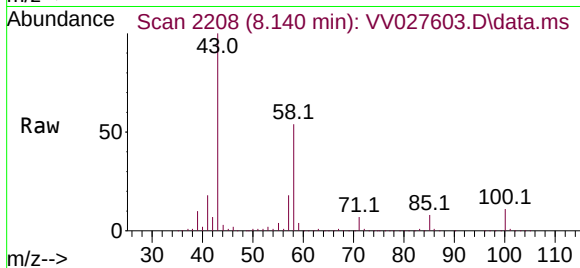
Ion Ratio Lower Upper

43 100

58 52.4 41.3 61.9

57 18.0 14.9 22.3

100 11.1 9.8 14.6



#49

Dibromochloromethane

Concen: 5.121 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV027603.D

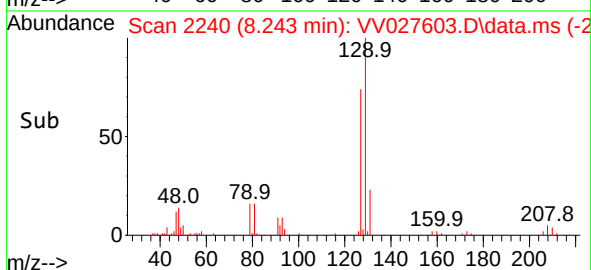
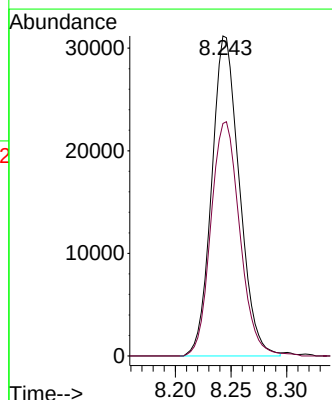
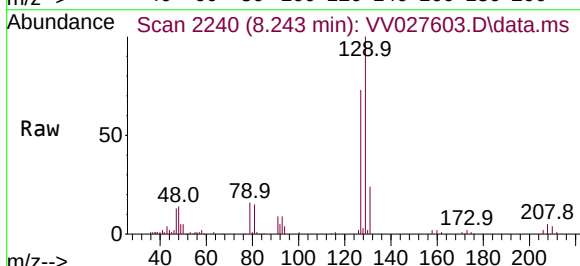
Acq: 30 Aug 2022 22:12

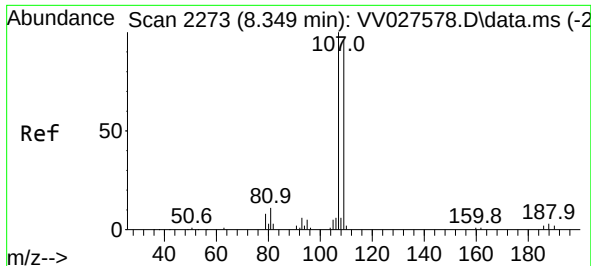
Tgt Ion:129 Resp: 53828

Ion Ratio Lower Upper

129 100

127 72.7 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.439 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027603.D

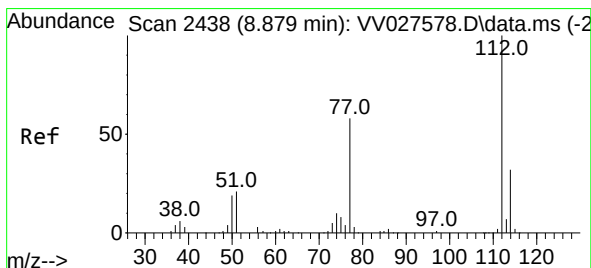
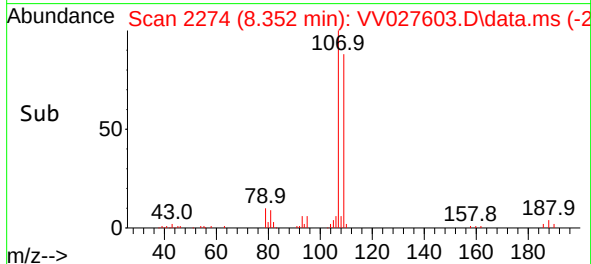
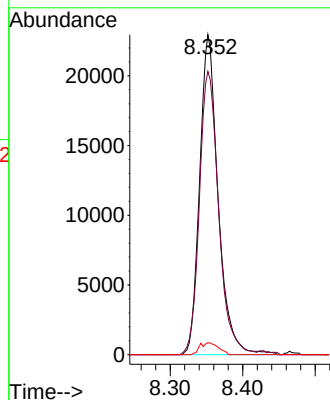
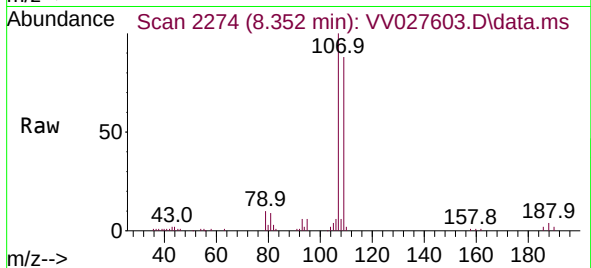
Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	40578
Ion	Ratio	Lower	Upper
107	100		
109	88.5	67.8	125.8
188	3.7	3.5	5.3



#51

Chlorobenzene

Concen: 4.929 ug/L

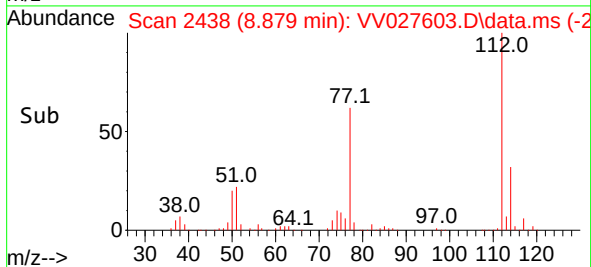
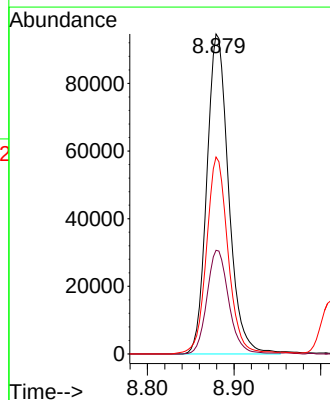
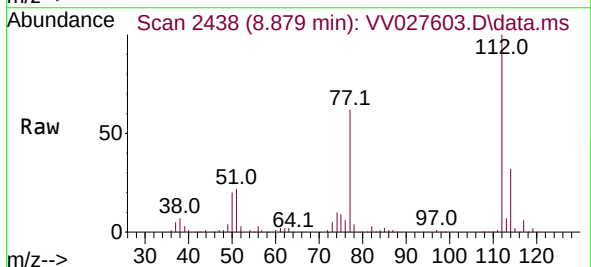
RT: 8.879 min Scan# 2438

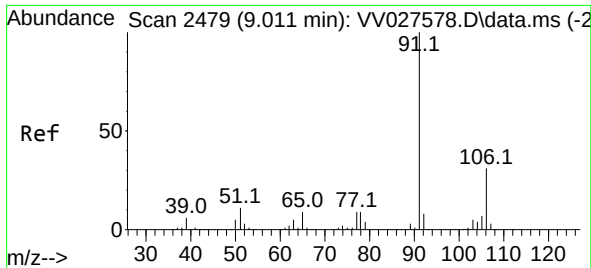
Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Tgt Ion:	112	Resp:	165130
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	61.5	46.2	69.4

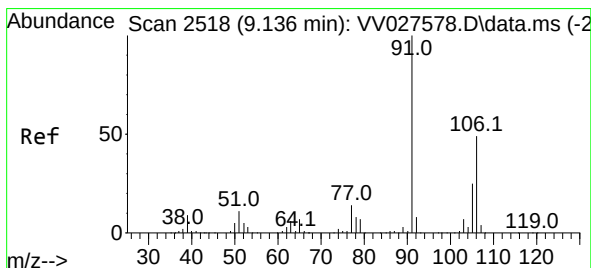
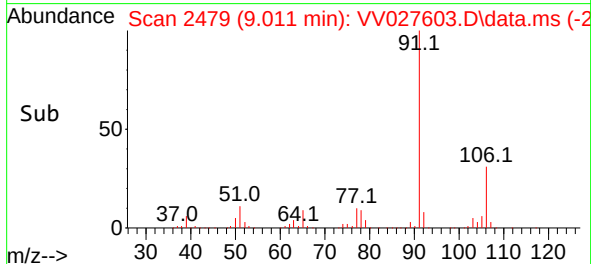
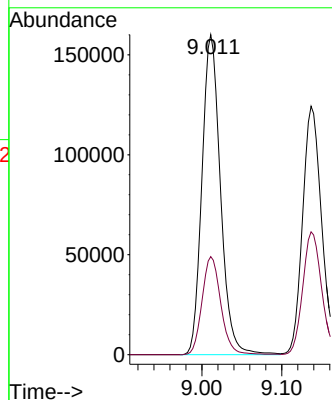
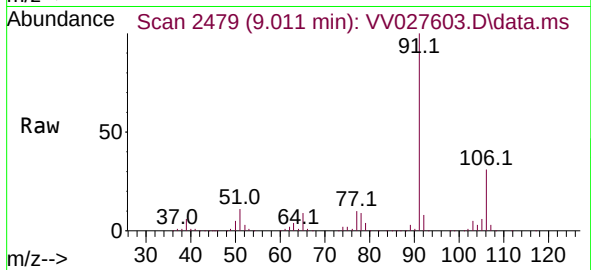




#52
Ethylbenzene
Concen: 4.888 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

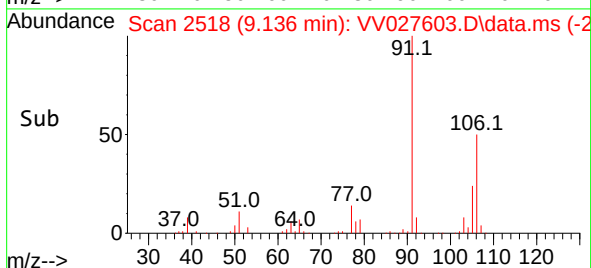
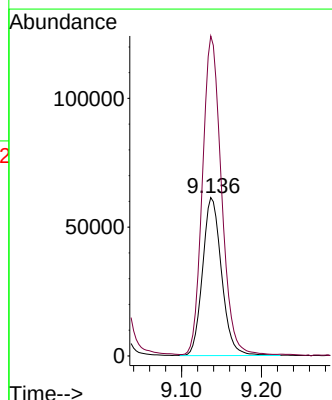
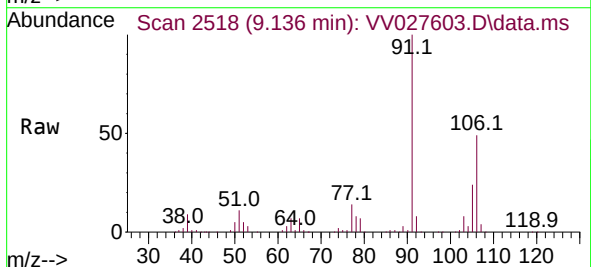
Instrument :
MSVOA_V
ClientSampleId :

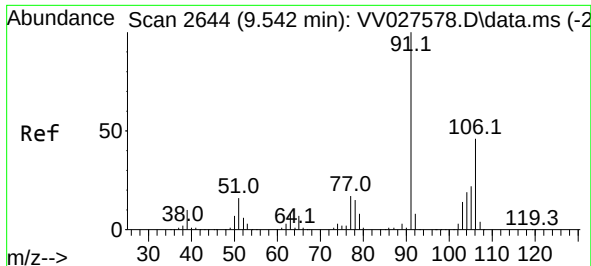
Tgt Ion: 91 Resp: 258269
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 5.021 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion: 106 Resp: 101513
Ion Ratio Lower Upper
106 100
91 202.1 143.8 267.0

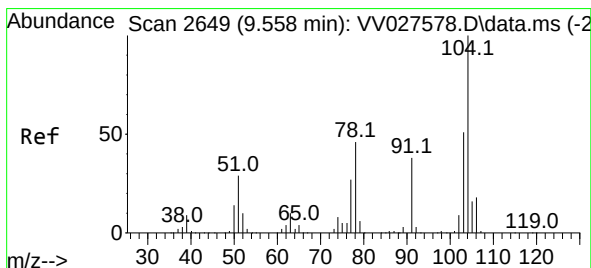
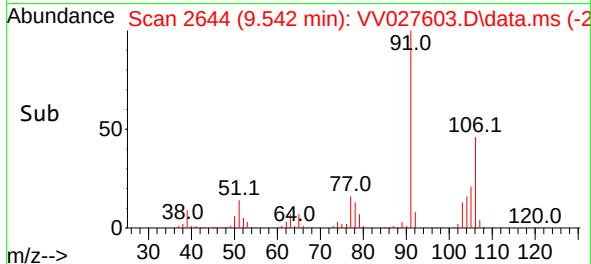
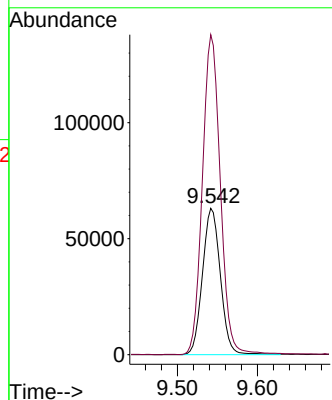
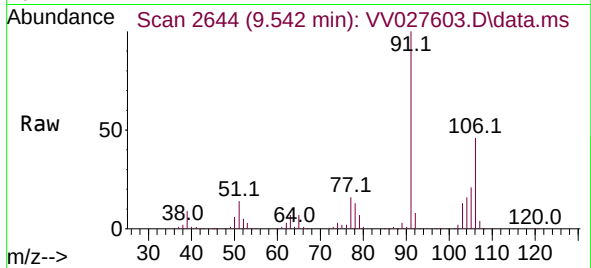




#54
o-Xylene
Concen: 5.028 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

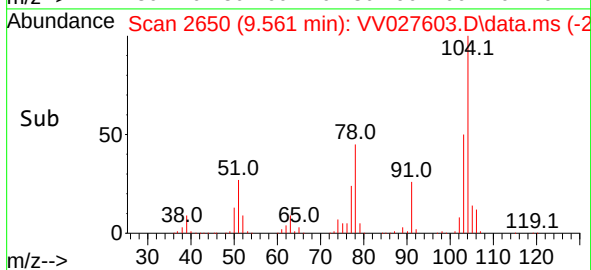
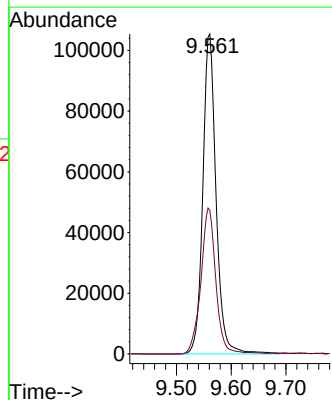
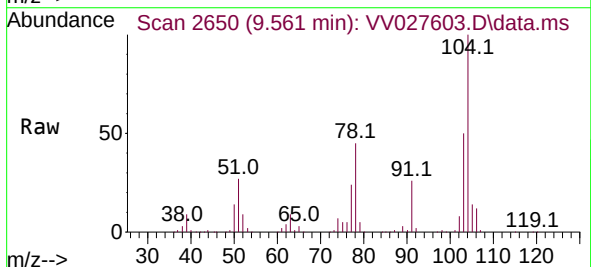
Instrument :
MSVOA_V
ClientSampleId :

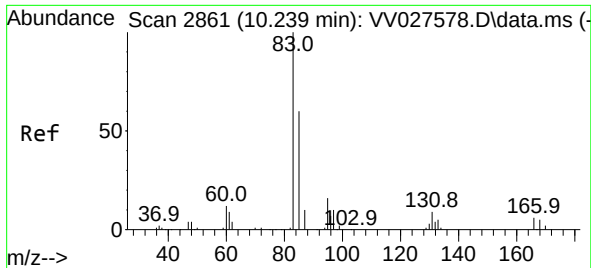
Tgt Ion:106 Resp: 98615
Ion Ratio Lower Upper
106 100
91 218.5 151.6 281.6



#55
Styrene
Concen: 5.313 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion:104 Resp: 177259
Ion Ratio Lower Upper
104 100
78 44.9 32.0 59.4

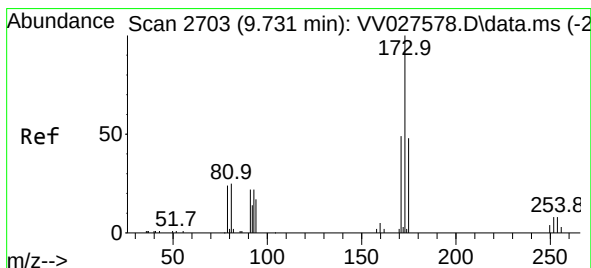
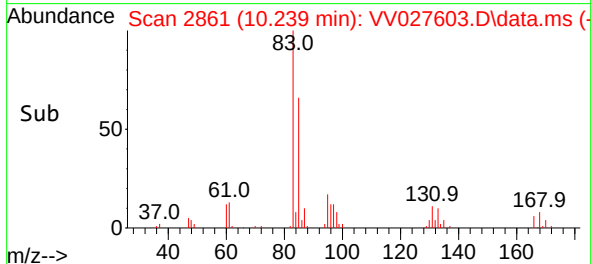
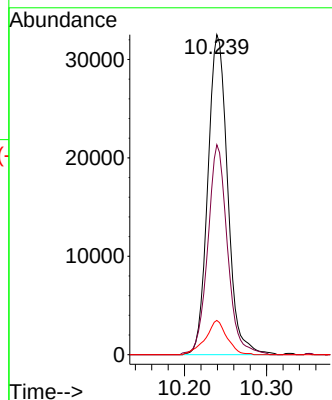
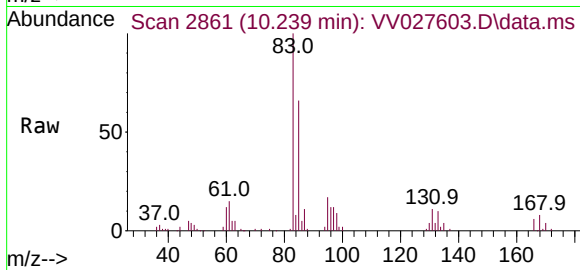




#57
1,1,2,2-Tetrachloroethane
Concen: 5.657 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

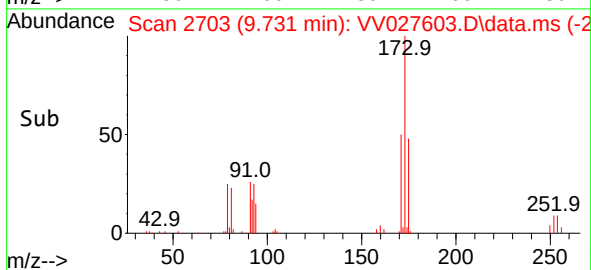
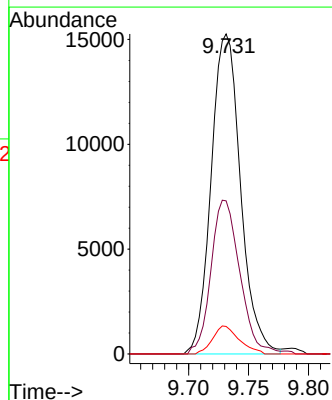
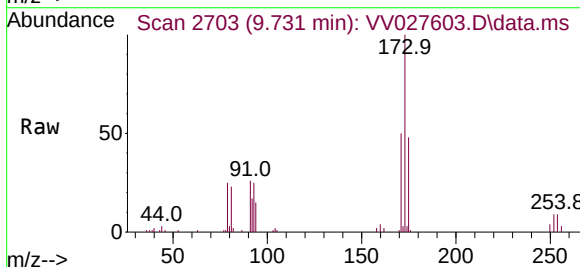
Instrument :
MSVOA_V
ClientSampleId :

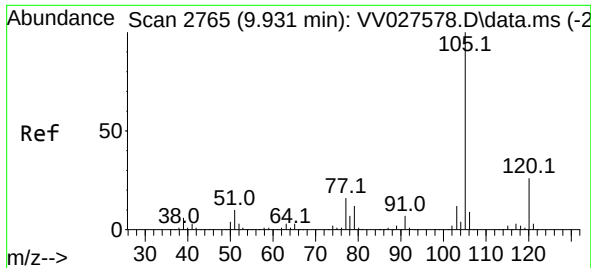
Tgt Ion: 83 Resp: 54468
Ion Ratio Lower Upper
83 100
85 65.6 44.1 81.9
131 10.7 7.3 10.9



#59
Bromoform
Concen: 5.075 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion: 173 Resp: 26001
Ion Ratio Lower Upper
173 100
175 47.3 39.0 58.6
254 7.9 7.1 10.7

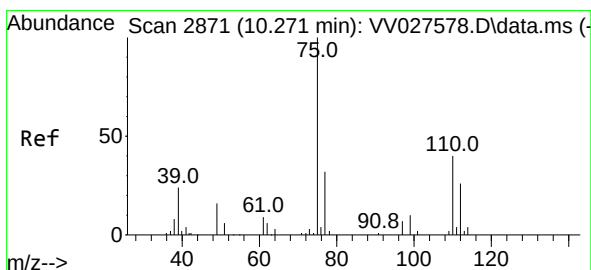
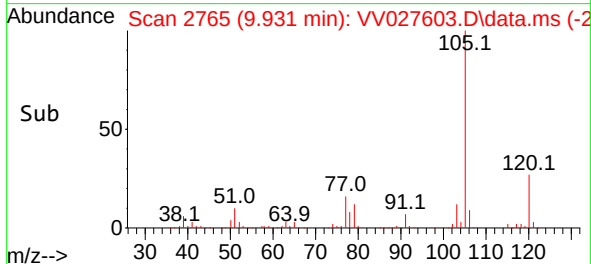
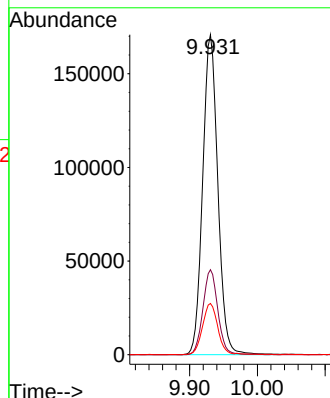
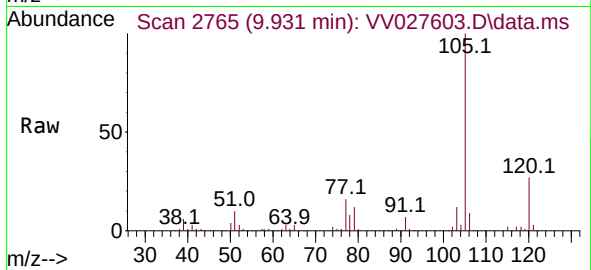




#60
Isopropylbenzene
Concen: 5.262 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

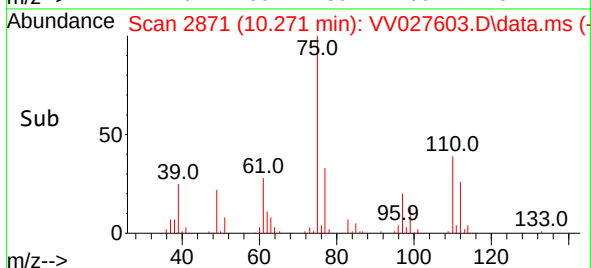
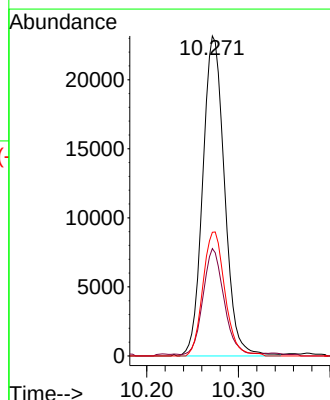
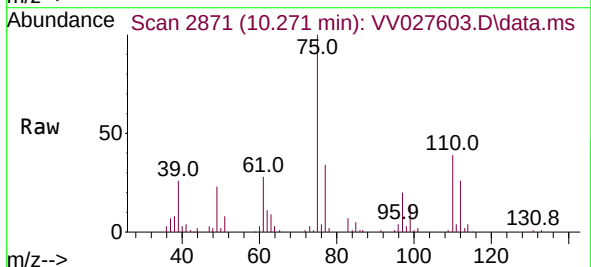
Instrument :
MSVOA_V
ClientSampleId :

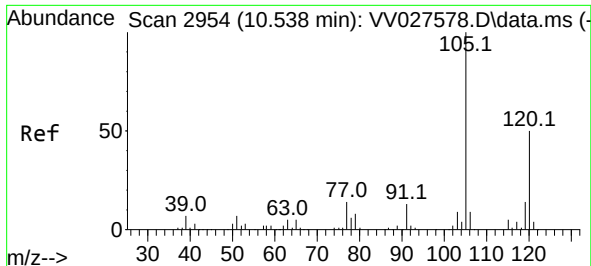
Tgt Ion:105 Resp: 264679
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.701 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion: 75 Resp: 38228
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
110 39.3 29.9 44.9





#62

1,3,5-Trimethylbenzene

Concen: 4.870 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027603.D

Acq: 30 Aug 2022 22:12

Instrument :

MSVOA_V

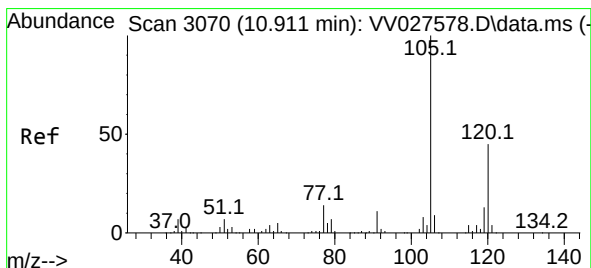
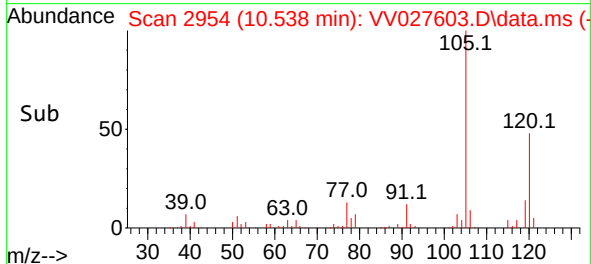
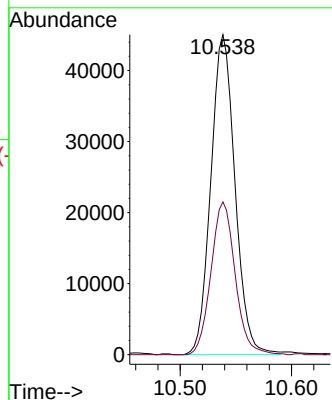
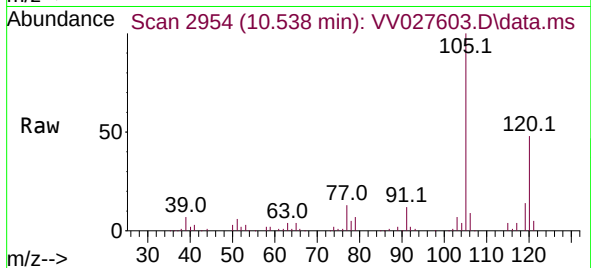
ClientSampleId :

Tgt Ion:105 Resp: 67918

Ion Ratio Lower Upper

105 100

120 47.8 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 4.991 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027603.D

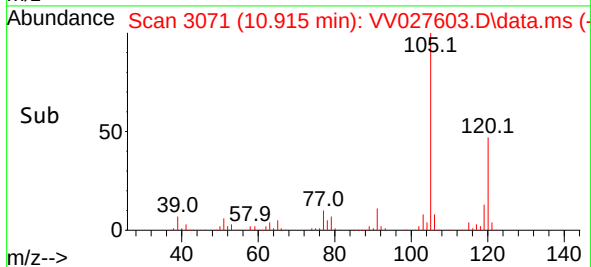
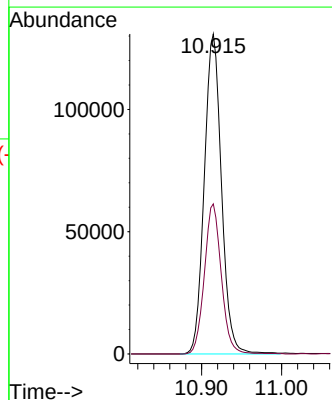
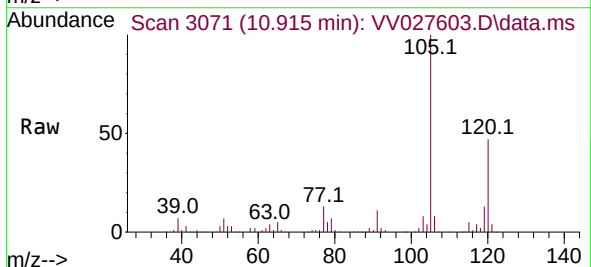
Acq: 30 Aug 2022 22:12

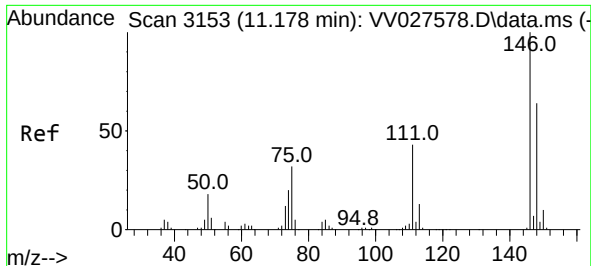
Tgt Ion:105 Resp: 196100

Ion Ratio Lower Upper

105 100

120 45.9 35.8 53.6

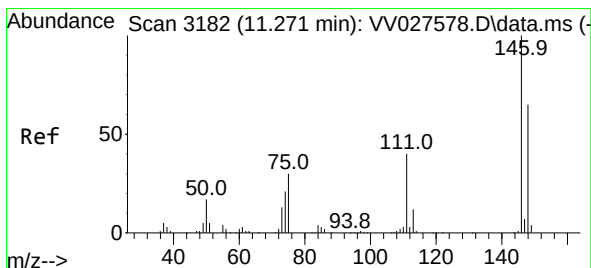
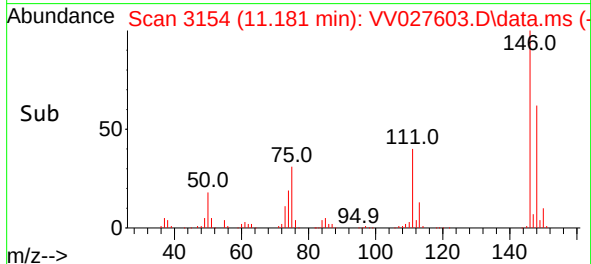
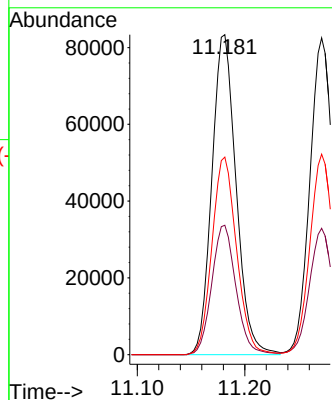
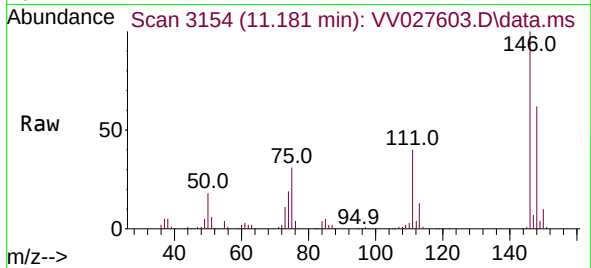




#64
1,3-Dichlorobenzene
Concen: 5.262 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

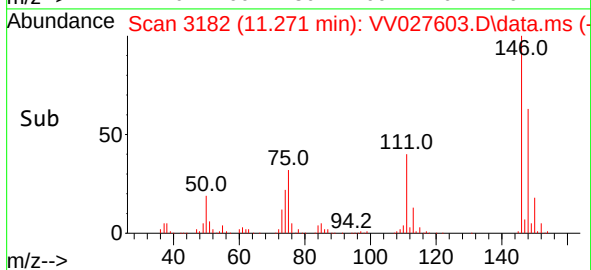
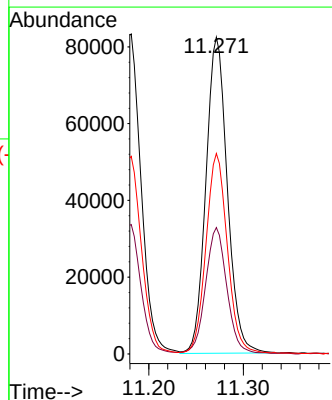
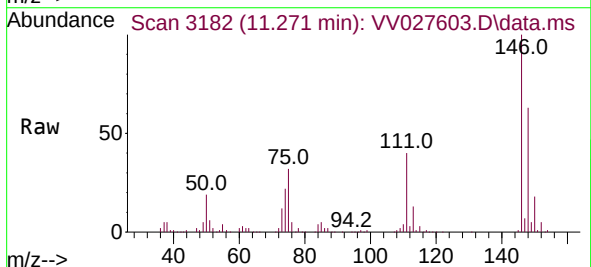
Instrument :
MSVOA_V
ClientSampleId :

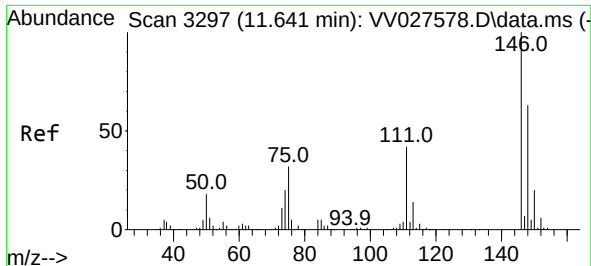
Tgt Ion:146 Resp: 130390
Ion Ratio Lower Upper
146 100
111 40.5 28.8 53.4
148 61.7 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.243 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

Tgt Ion:146 Resp: 129521
Ion Ratio Lower Upper
146 100
111 39.9 26.6 49.4
148 63.3 42.6 79.0

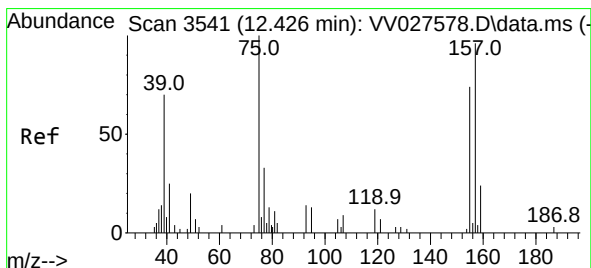
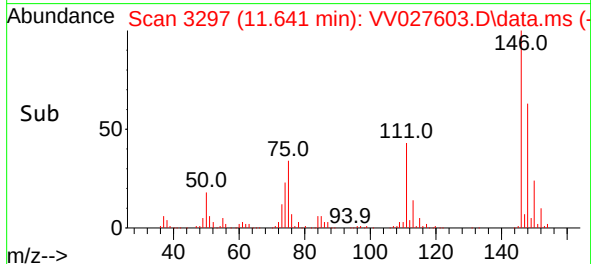
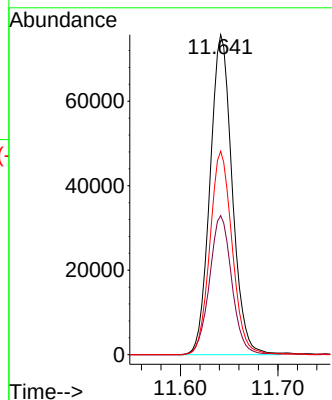
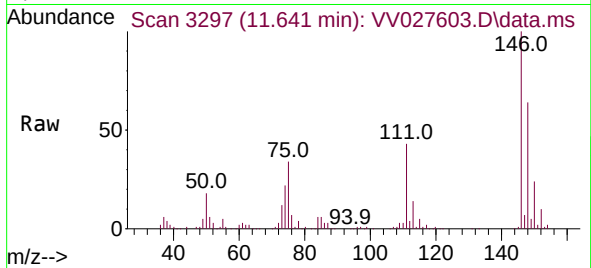




#67
1,2-Dichlorobenzene
Concen: 5.340 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

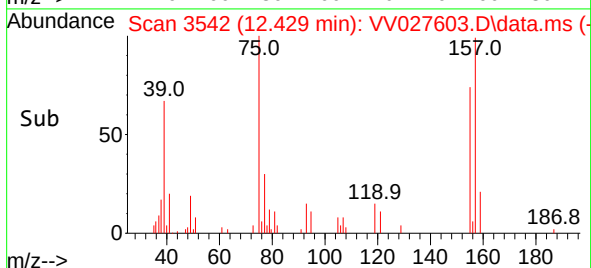
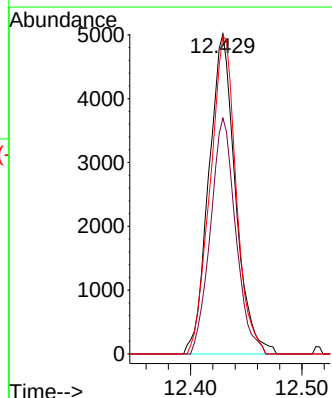
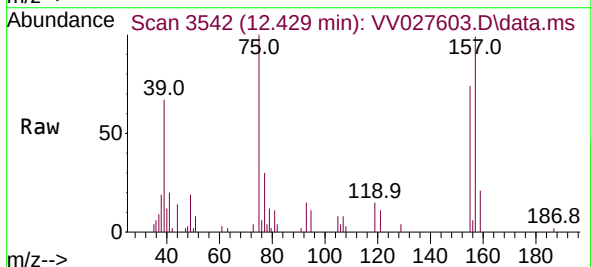
Instrument :
MSVOA_V
ClientSampleId :

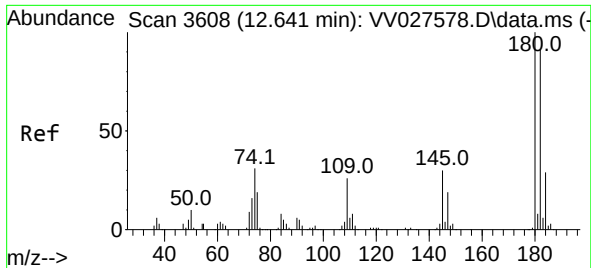
Tgt Ion:146 Resp: 119984
Ion Ratio Lower Upper
146 100
111 43.5 34.5 51.7
148 63.6 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.587 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

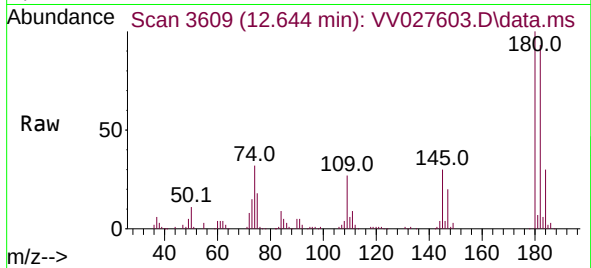
Tgt Ion: 75 Resp: 8324
Ion Ratio Lower Upper
75 100
155 73.7 63.1 94.7
157 99.3 81.8 122.8



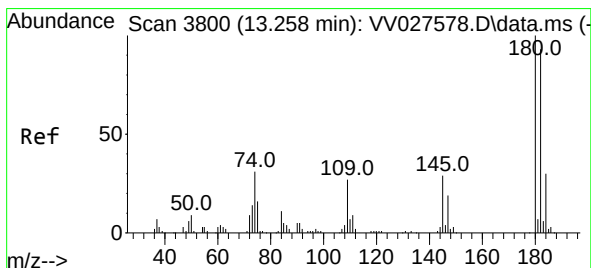
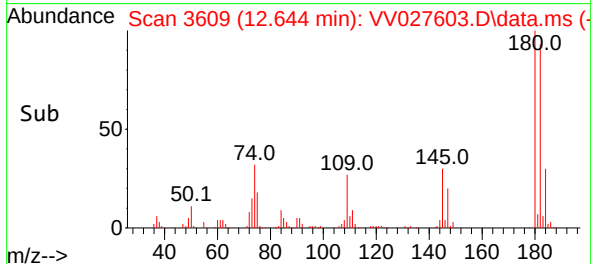
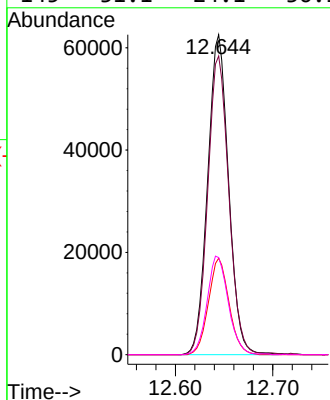


#69
 1,3,5-Trichlorobenzene
 Concen: 5.042 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VV027603.D
 Acq: 30 Aug 2022 22:12

Instrument :
 MSVOA_V
 ClientSampleId :

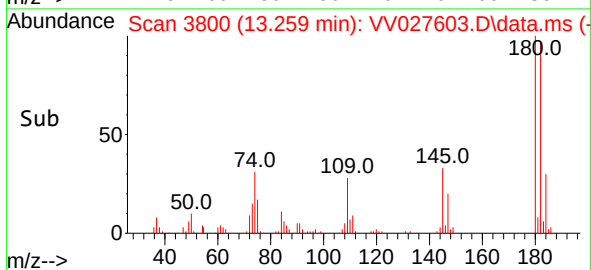
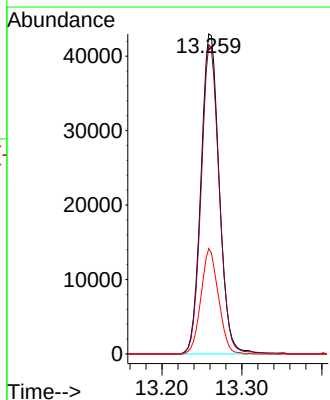
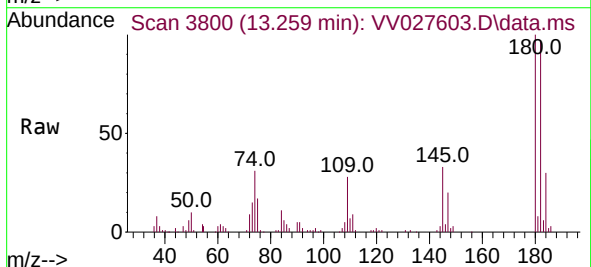


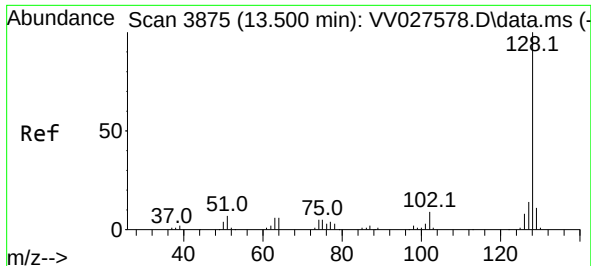
Tgt Ion:180 Resp: 93271
 Ion Ratio Lower Upper
 180 100
 182 94.0 74.1 111.1
 184 29.6 23.2 34.8
 145 31.1 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.075 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027603.D
 Acq: 30 Aug 2022 22:12

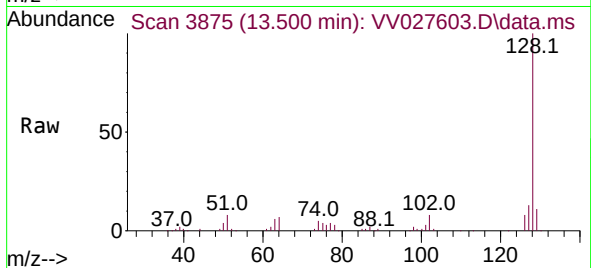
Tgt Ion:180 Resp: 68222
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.0 114.0
 145 31.5 24.9 37.3



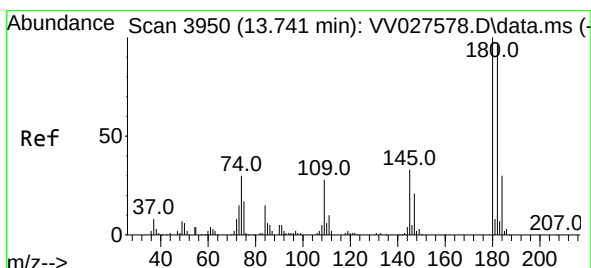
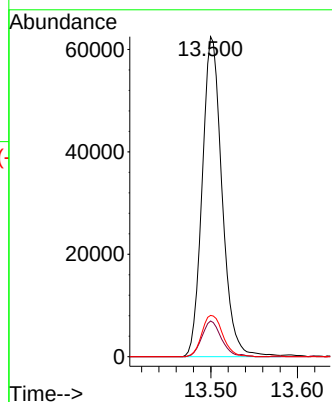
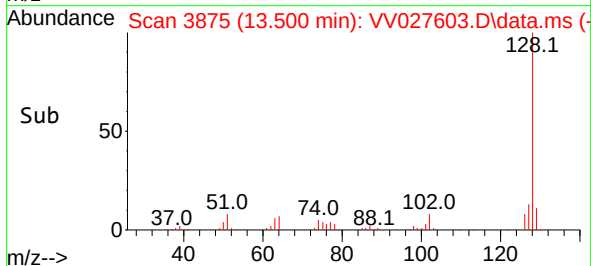


#71
Naphthalene
Concen: 5.354 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12

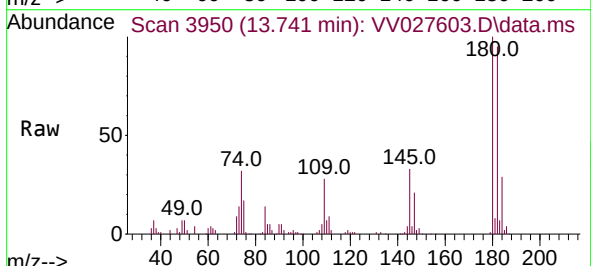
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 99347
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.313 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027603.D
Acq: 30 Aug 2022 22:12



Tgt Ion:180 Resp: 63437
Ion Ratio Lower Upper
180 100
182 96.1 75.3 112.9
145 32.9 26.6 39.8

