

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027605.D
 Acq On : 30 Aug 2022 23:26
 Operator : SY/MD
 Sample : N4368-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E75DL

Quant Time: Aug 31 07:12:33 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	159881	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	149741	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46394	4.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.564	69	38497	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.178	63	4079	0.154	ug/L	0.07
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3.000%#
20) 2-Butanone-d5	3.889	46	68152	48.127	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.260%
24) Chloroform-d	4.346	84	100190	4.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.030	65	47714	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.047	84	182413	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.069	67	59642	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	137992	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	7.628	79	15593	3.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.091	63	68609	50.481	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.960%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38418	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	44660	4.975	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1379	0.093	ug/L #	26
5) Vinyl chloride	1.310	62	2193	0.147	ug/L #	1
6) Bromomethane	1.523	94	1296	0.176	ug/L	99
12) 1,1-Dichloroethene	2.108	96	1042	0.086	ug/L #	1
13) Acetone	2.127	43	10352	7.655	ug/L	55
15) Methyl Acetate	2.494	43	76760	20.496	ug/L #	56
16) Methylene chloride	2.503	84	30433	1.669	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	15023	0.600	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	84557	6.785	ug/L	97
21) 2-Butanone	3.879	43	4508	2.505	ug/L #	75
22) cis-1,2-Dichloroethene	3.908	96	60397	4.548	ug/L	97
25) Chloroform	4.381	83	2051	0.073	ug/L	87
30) Cyclohexane	4.677	56	2293	0.130	ug/L	94
33) Benzene	5.101	78	4013	0.081	ug/L	100
34) Trichloroethene	5.915	95	21021	1.604	ug/L	98
35) Methylcyclohexane	6.069	83	16350	0.887	ug/L #	15
37) 1,2-Dichloropropane	6.072	63	7177	0.541	ug/L #	86
44) trans-1,3-Dichloropropene	7.632	75	1070	0.079	ug/L #	49
45) 1,1,2-Trichloroethane	7.783	97	1758	0.207	ug/L #	21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027605.D
 Acq On : 30 Aug 2022 23:26
 Operator : SY/MD
 Sample : N4368-06DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E75DL

Quant Time: Aug 31 07:12:33 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

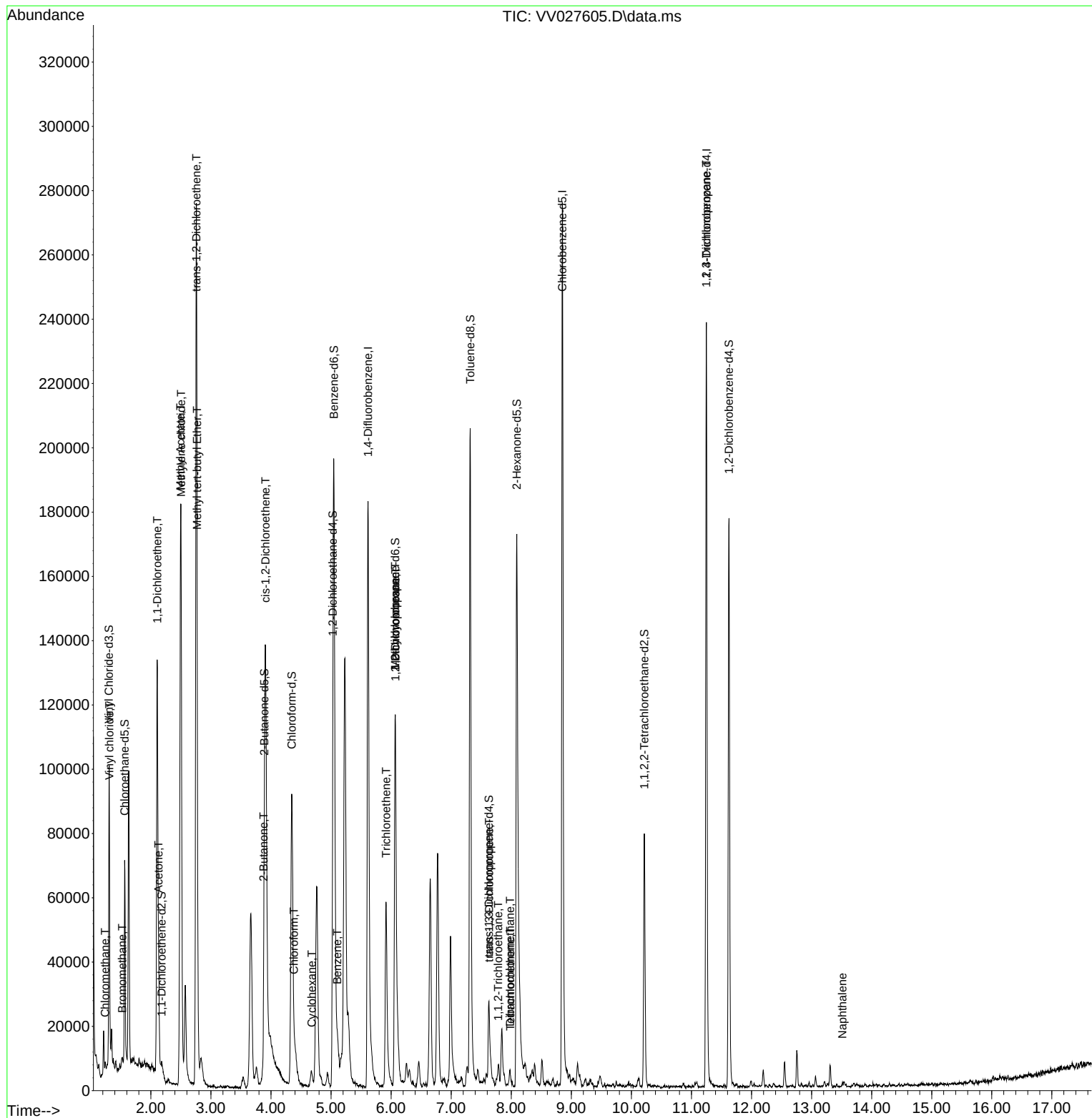
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.985	164	627	0.061	ug/L	90
49) Dibromochloromethane	7.982	129	863	0.083	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	7801	1.468	ug/L #	68
71) Naphthalene	13.512	128	1231	0.084	ug/L #	76

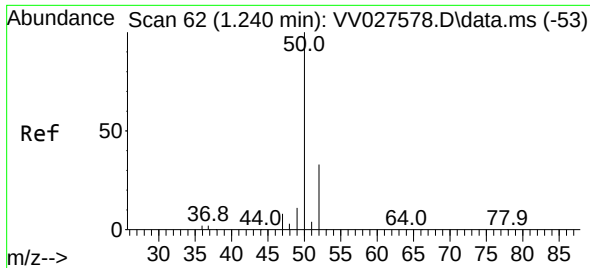
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
Data File : VV027605.D
Acq On : 30 Aug 2022 23:26
Operator : SY/MD
Sample : N4368-06DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E75DL

Quant Time: Aug 31 07:12:33 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

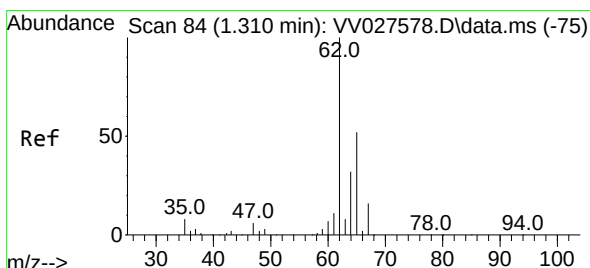
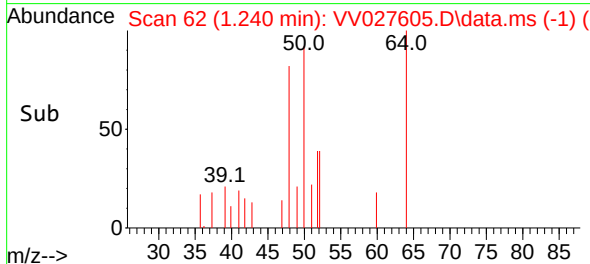
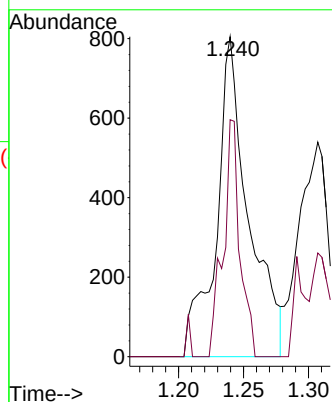
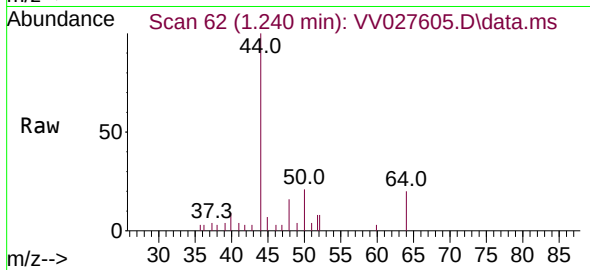




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

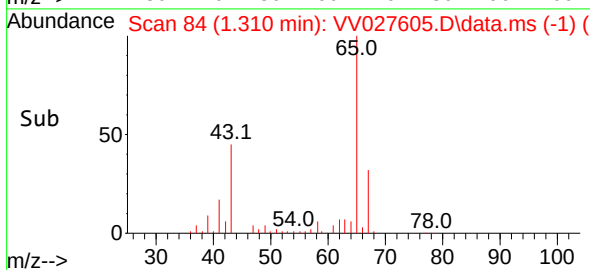
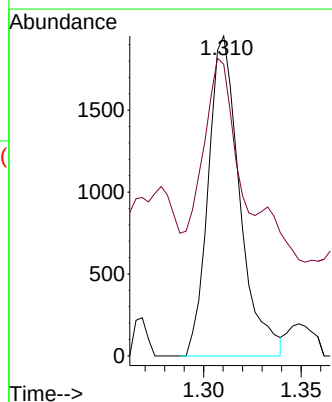
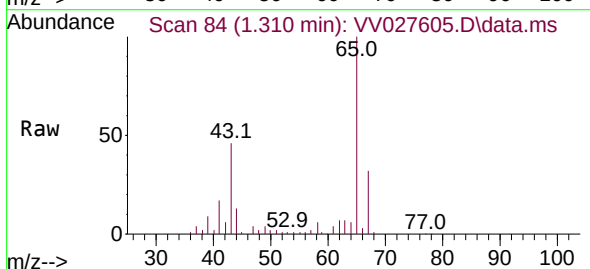
Instrument :
MSVOA_V
ClientSampleId :
F5E75DL

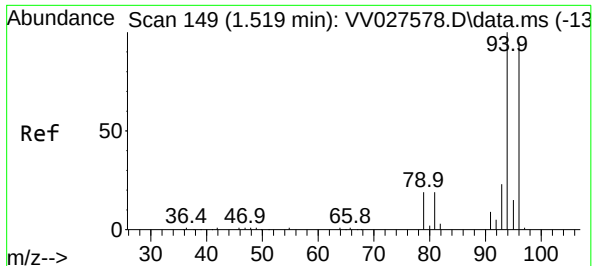
Tgt Ion: 50 Resp: 1379
Ion Ratio Lower Upper
50 100
52 74.0 22.8 42.4#



#5
Vinyl chloride
Concen: 0.147 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

Tgt Ion: 62 Resp: 2193
Ion Ratio Lower Upper
62 100
64 91.1 22.6 42.0#

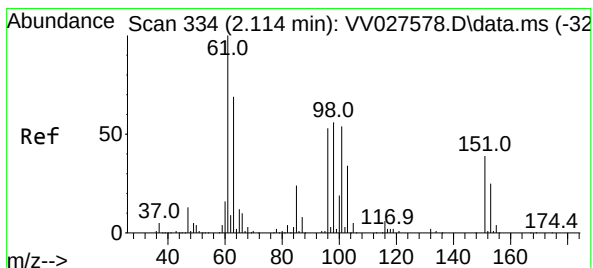
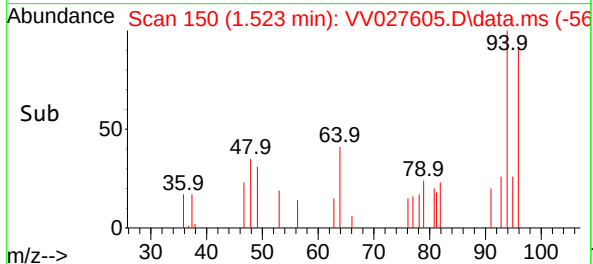
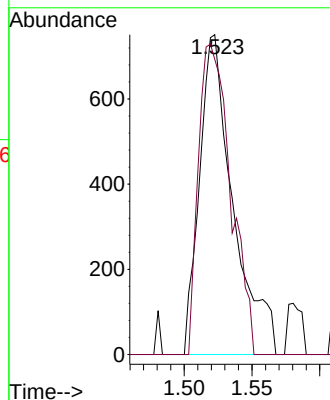
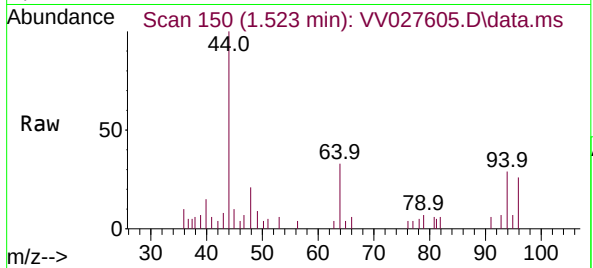




#6
Bromomethane
Concen: 0.176 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

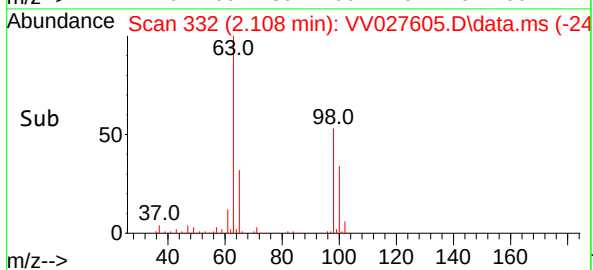
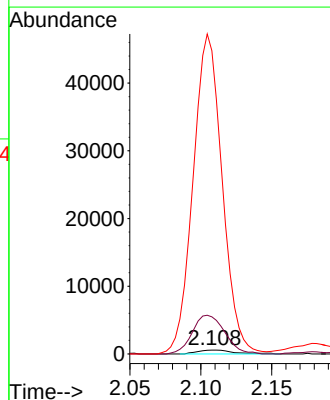
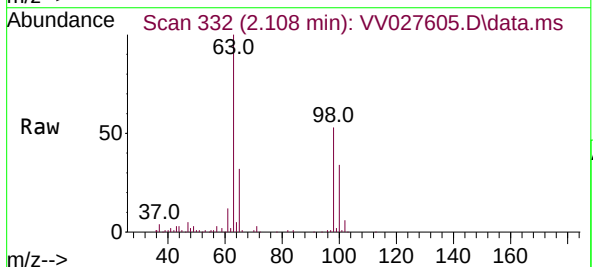
Instrument :
MSVOA_V
ClientSampleId :
F5E75DL

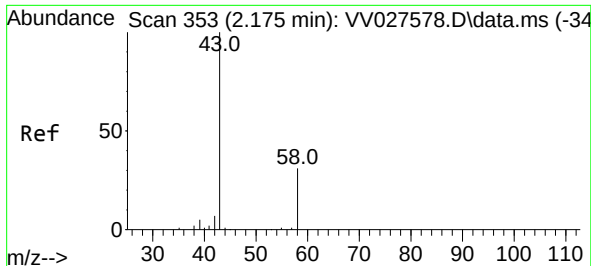
Tgt Ion: 94 Resp: 1296
Ion Ratio Lower Upper
94 100
96 92.3 65.2 121.0



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

Tgt Ion: 96 Resp: 1042
Ion Ratio Lower Upper
96 100
61 953.6 130.2 241.8#
63 7788.5 87.4 162.4#

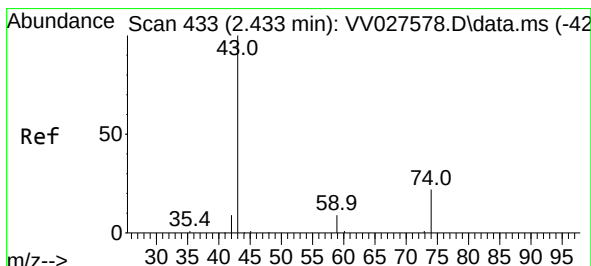
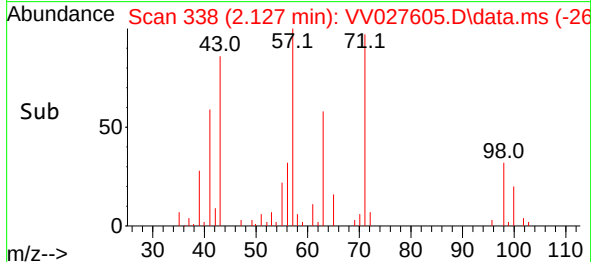
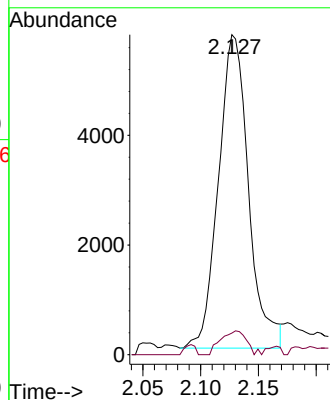
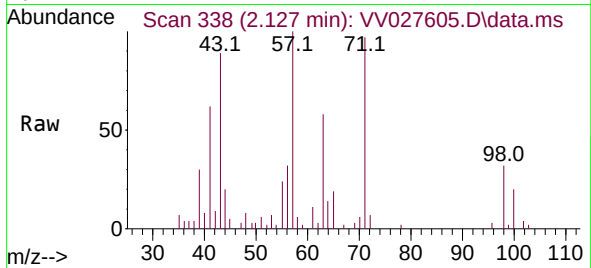




#13
Acetone
Concen: 7.655 ug/L
RT: 2.127 min Scan# 31
Delta R.T. -0.048 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

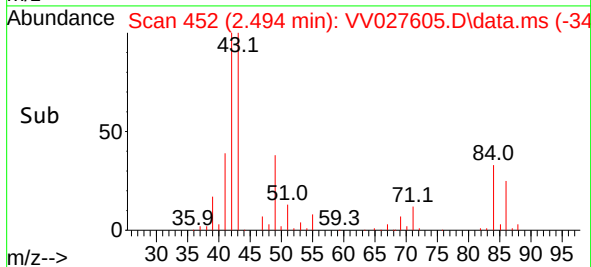
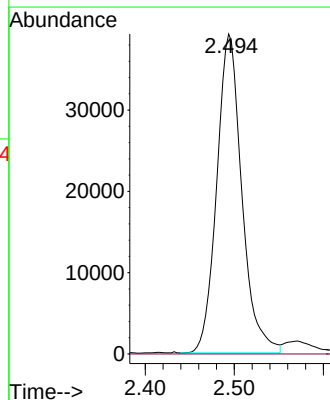
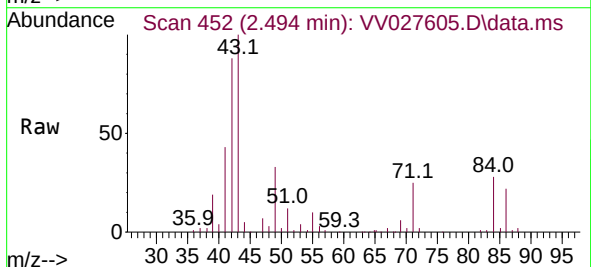
Instrument :
MSVOA_V
ClientSampleId :
F5E75DL

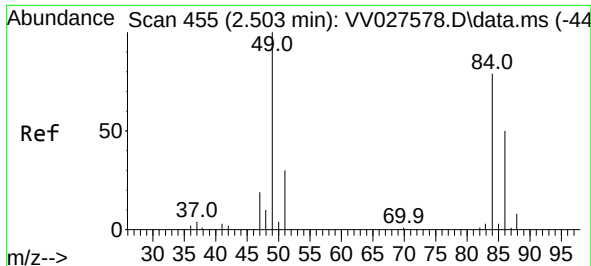
Tgt Ion: 43 Resp: 10352
Ion Ratio Lower Upper
43 100
58 6.5 0.0 62.2



#15
Methyl Acetate
Concen: 20.496 ug/L
RT: 2.494 min Scan# 452
Delta R.T. 0.061 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

Tgt Ion: 43 Resp: 76760
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#

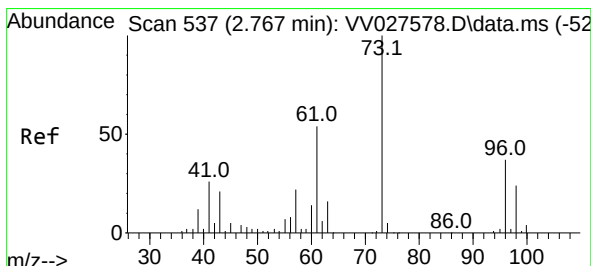
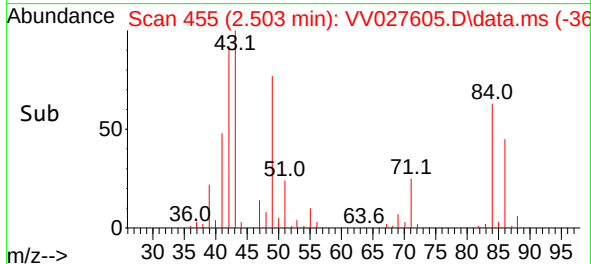
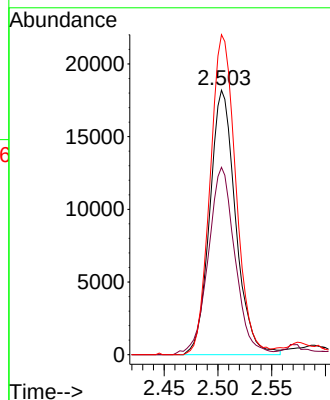
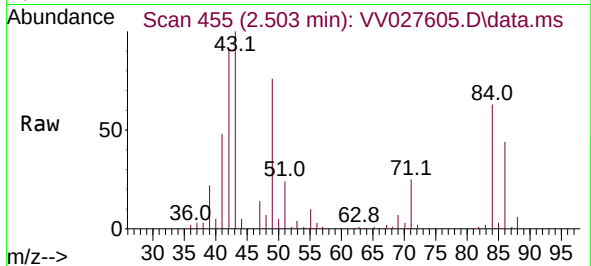




#16
Methylene chloride
Concen: 1.669 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

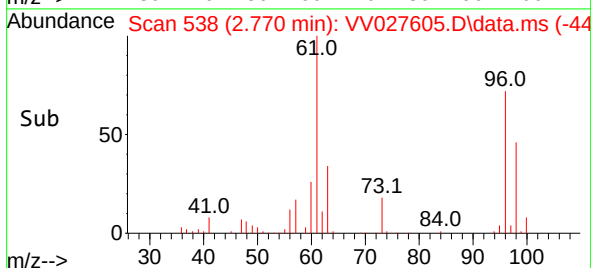
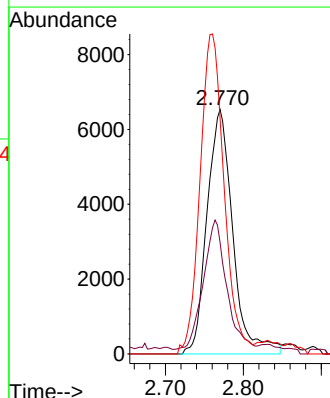
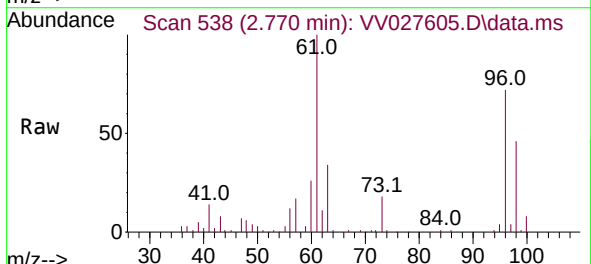
Instrument :
MSVOA_V
ClientSampleId :
F5E75DL

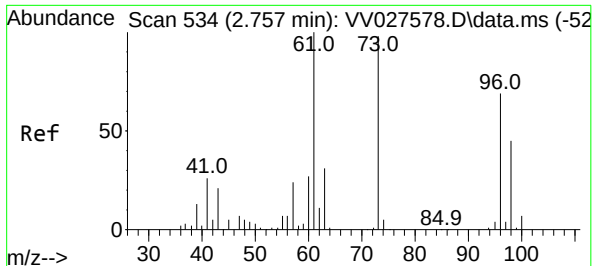
Tgt Ion: 84 Resp: 30433
Ion Ratio Lower Upper
84 100
86 70.9 44.0 81.6
49 121.0 89.4 166.0



#17
Methyl tert-butyl Ether
Concen: 0.600 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

Tgt Ion: 73 Resp: 15023
Ion Ratio Lower Upper
73 100
43 47.1 15.6 23.4#
57 122.0 17.0 25.6#





#18

trans-1,2-Dichloroethene

Concen: 6.785 ug/L

RT: 2.757 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV027605.D

Acq: 30 Aug 2022 23:26

Instrument :

MSVOA_V

ClientSampleId :

F5E75DL

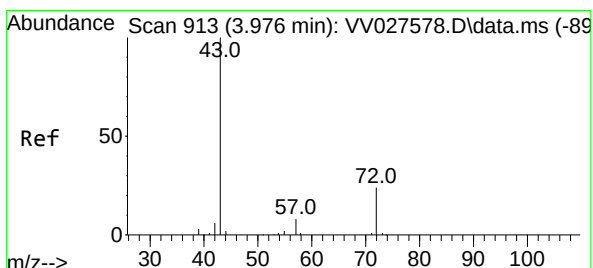
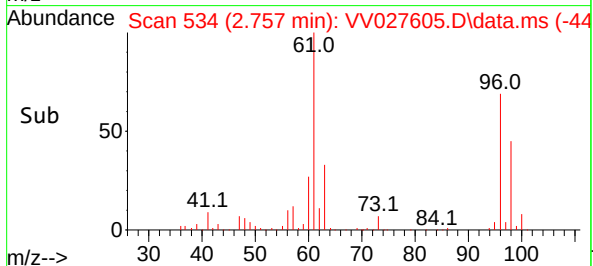
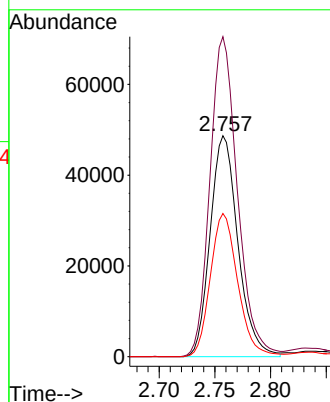
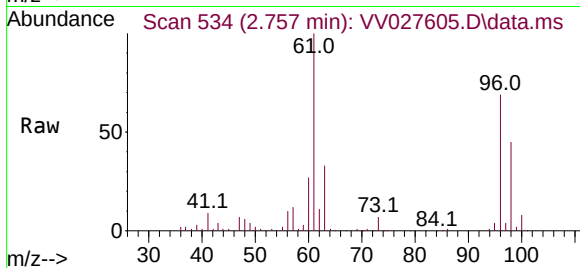
Tgt Ion: 96 Resp: 84557

Ion Ratio Lower Upper

96 100

61 144.8 97.6 181.4

98 64.8 45.9 85.3



#21

2-Butanone

Concen: 2.505 ug/L

RT: 3.879 min Scan# 883

Delta R.T. -0.096 min

Lab File: VV027605.D

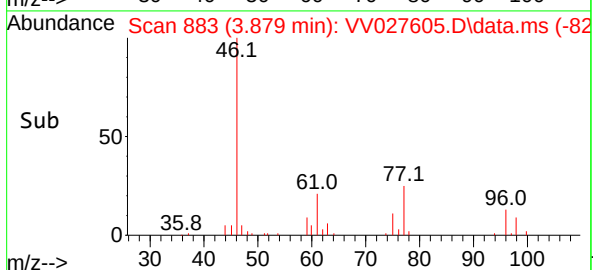
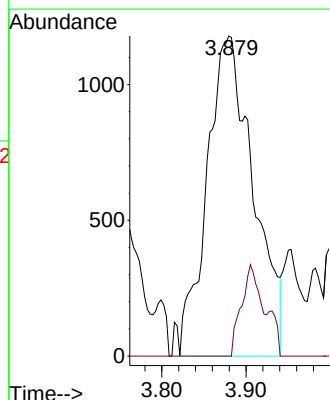
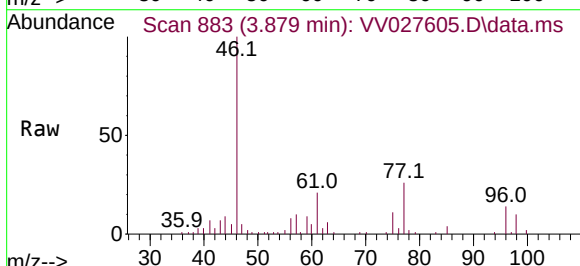
Acq: 30 Aug 2022 23:26

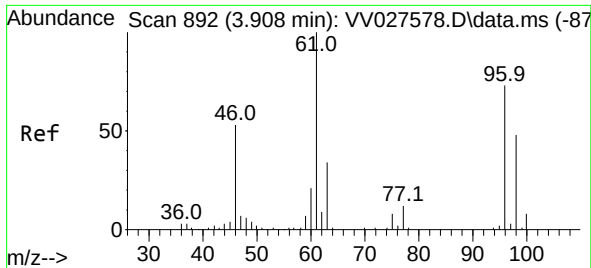
Tgt Ion: 43 Resp: 4508

Ion Ratio Lower Upper

43 100

72 11.8 12.0 36.1#

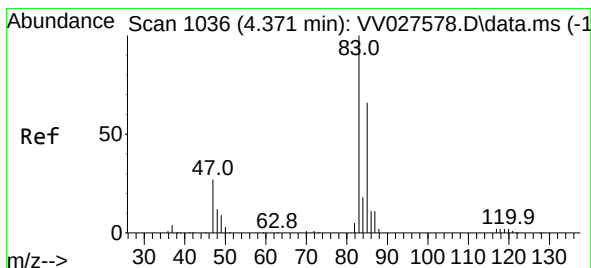
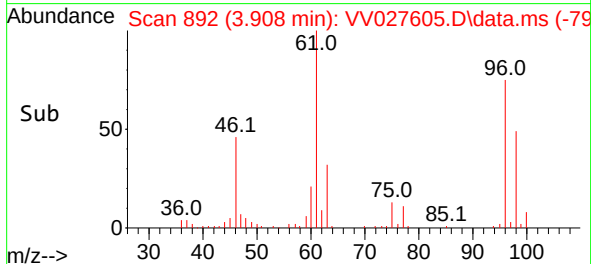
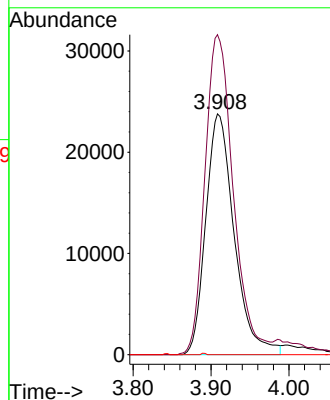
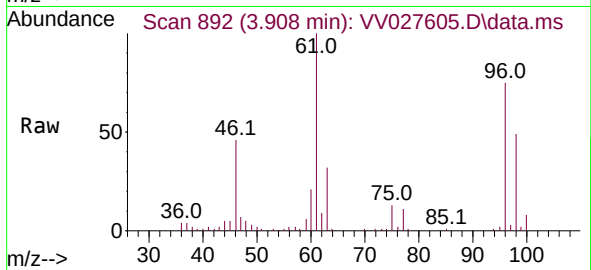




#22
 cis-1,2-Dichloroethene
 Concen: 4.548 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV027605.D
 Acq: 30 Aug 2022 23:26

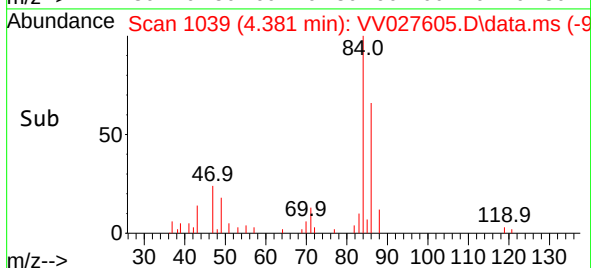
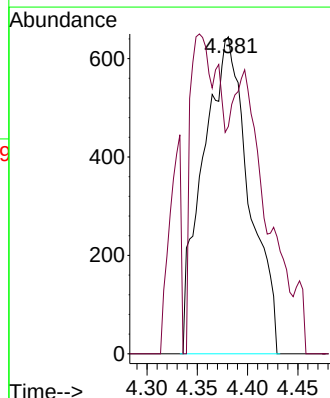
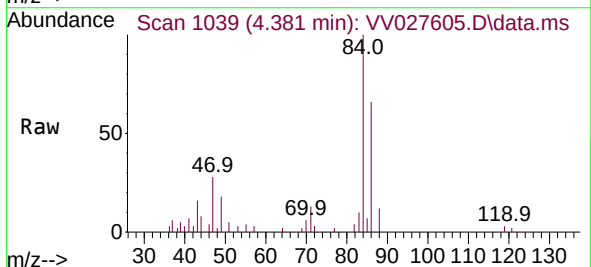
Instrument :
 MSVOA_V
 ClientSampleId :
 F5E75DL

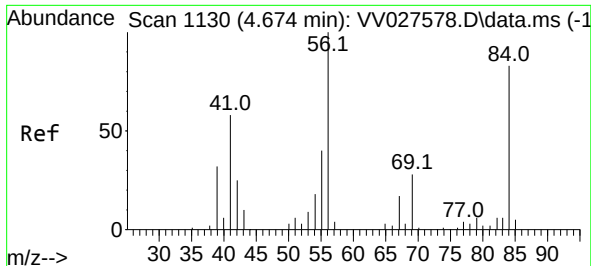
Tgt Ion: 96 Resp: 60397
 Ion Ratio Lower Upper
 96 100
 61 132.9 90.6 168.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.073 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.010 min
 Lab File: VV027605.D
 Acq: 30 Aug 2022 23:26

Tgt Ion: 83 Resp: 2051
 Ion Ratio Lower Upper
 83 100
 85 71.7 43.3 80.5

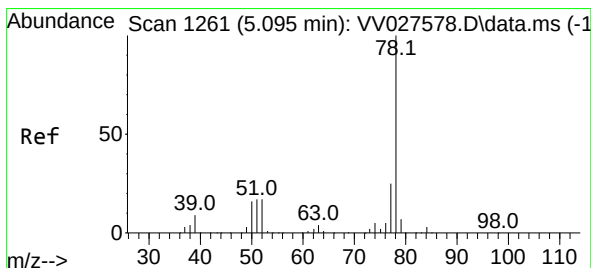
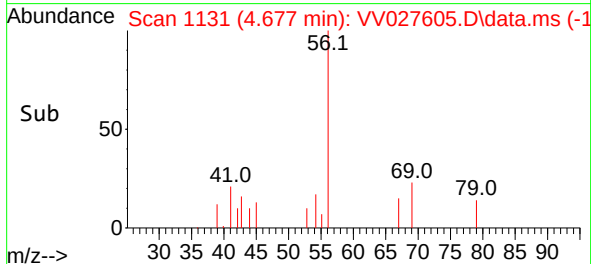
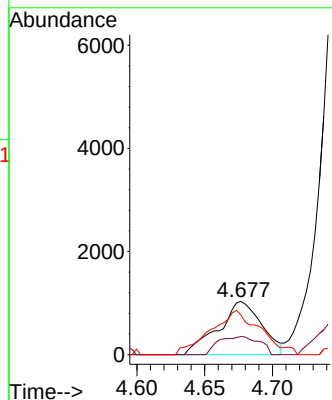
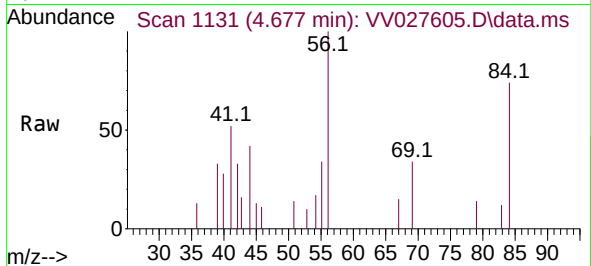




#30
Cyclohexane
Concen: 0.130 ug/L
RT: 4.677 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

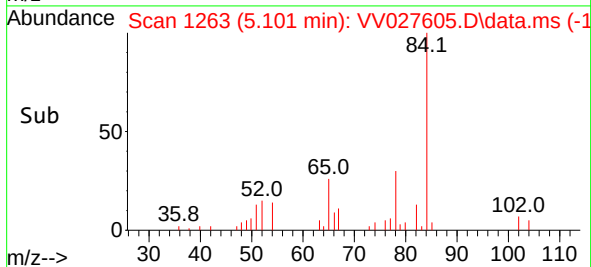
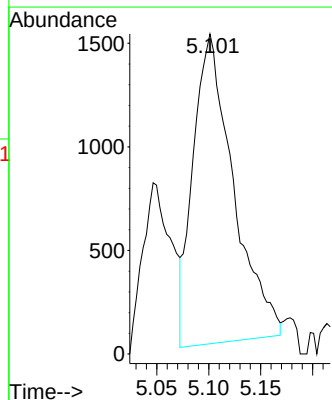
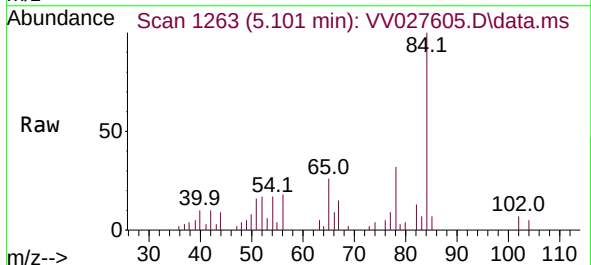
Instrument :
MSVOA_V
ClientSampleId :
F5E75DL

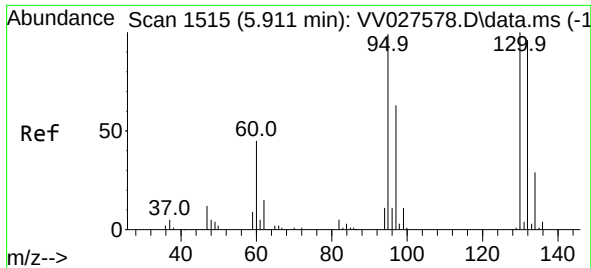
Tgt Ion: 56 Resp: 2293
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 94.8 69.7 104.5



#33
Benzene
Concen: 0.081 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

Tgt Ion: 78 Resp: 4013

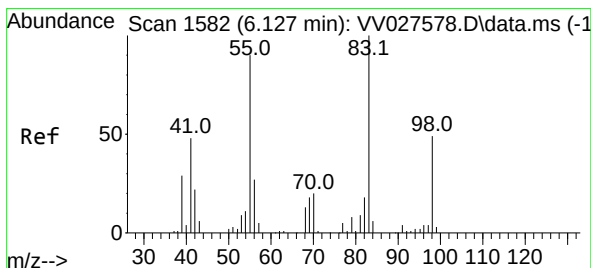
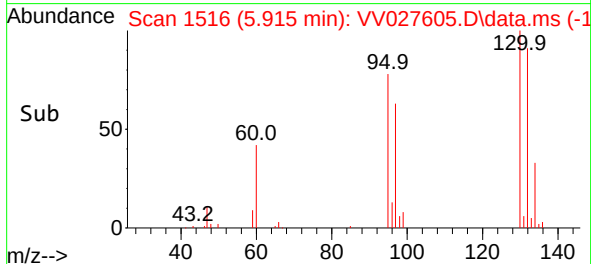
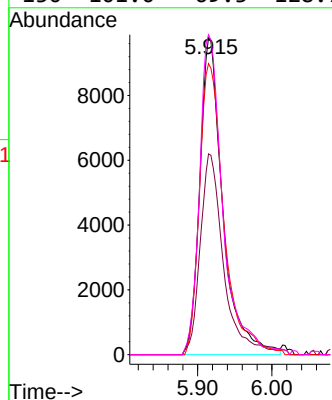
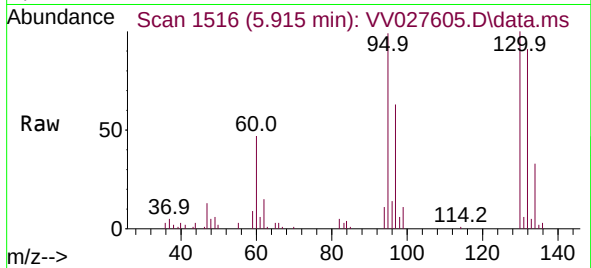




#34
Trichloroethene
Concen: 1.604 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

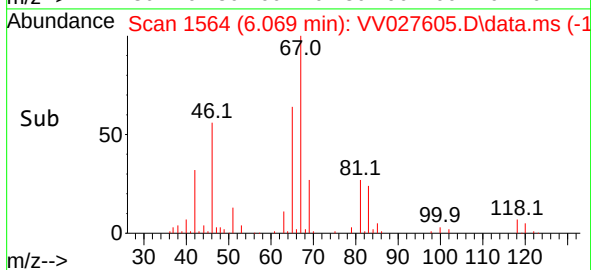
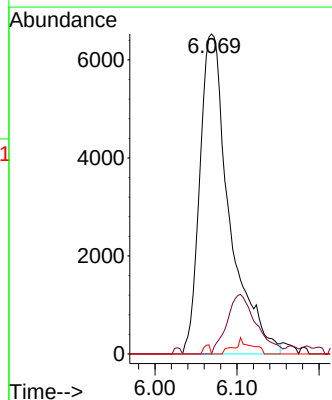
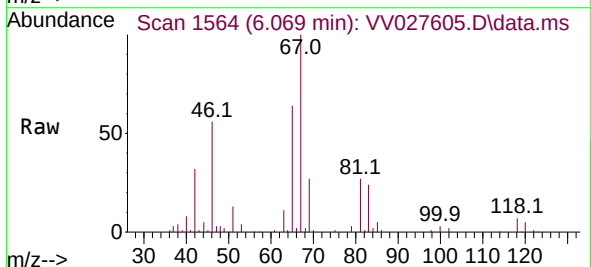
Instrument :
MSVOA_V
ClientSampleId :
F5E75DL

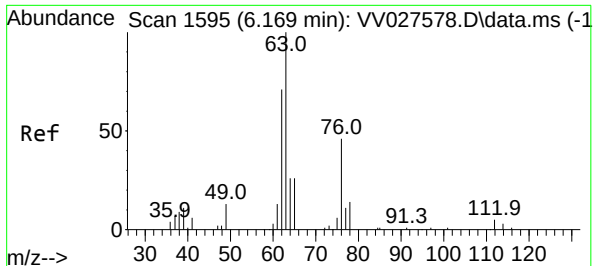
Tgt Ion:	95	Resp:	21021
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.0	83.6
132	91.8	65.7	121.9
130	101.0	69.3	128.7



#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

Tgt Ion:	83	Resp:	16350
Ion	Ratio	Lower	Upper
83	100		
55	0.0	68.2	102.4#
98	0.6	39.0	58.4#





#37

1,2-Dichloropropane

Concen: 0.541 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV027605.D

Acq: 30 Aug 2022 23:26

Instrument :

MSVOA_V

ClientSampleId :

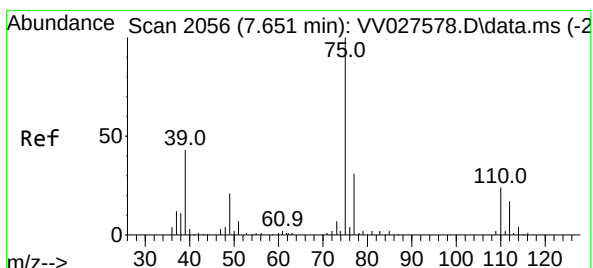
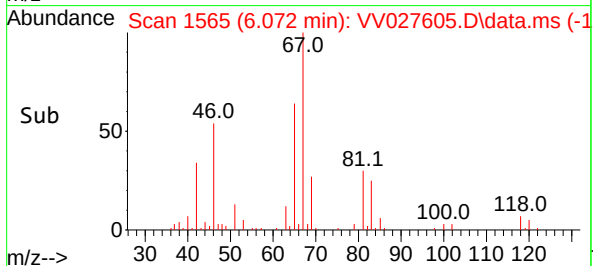
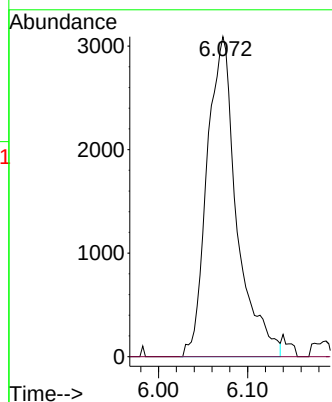
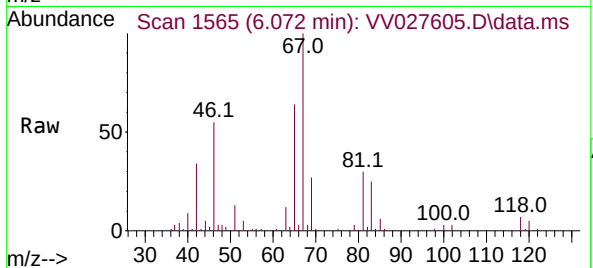
F5E75DL

Tgt Ion: 63 Resp: 7177

Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV027605.D

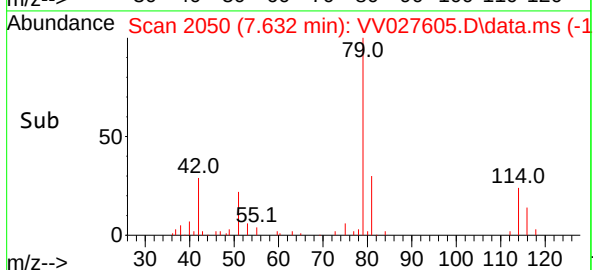
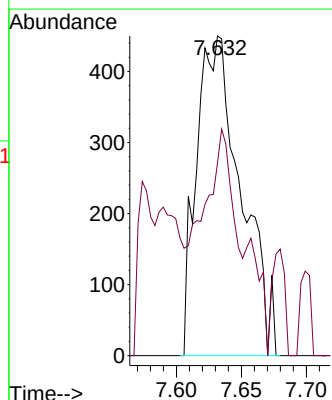
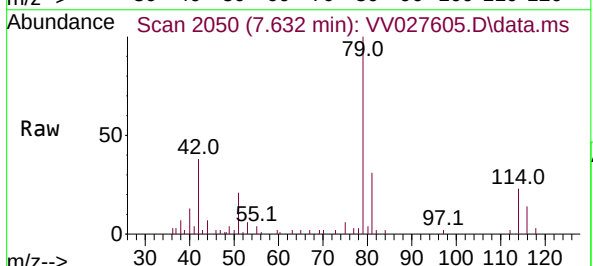
Acq: 30 Aug 2022 23:26

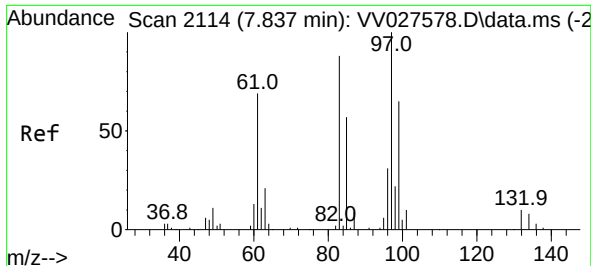
Tgt Ion: 75 Resp: 1070

Ion Ratio Lower Upper

75 100

77 60.2 22.3 41.5#





#45

1,1,2-Trichloroethane

Concen: 0.207 ug/L

RT: 7.783 min Scan# 2114

Delta R.T. -0.055 min

Lab File: VV027605.D

Acq: 30 Aug 2022 23:26

Instrument :

MSVOA_V

ClientSampleId :

F5E75DL

Tgt Ion: 97 Resp: 1758

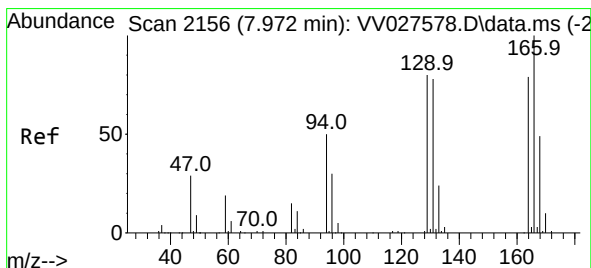
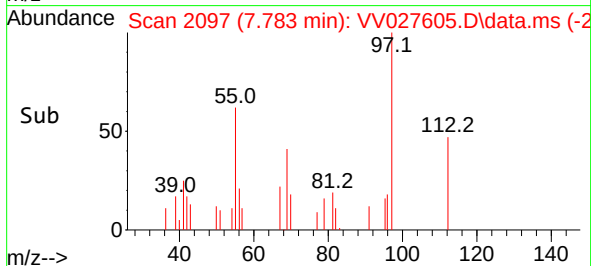
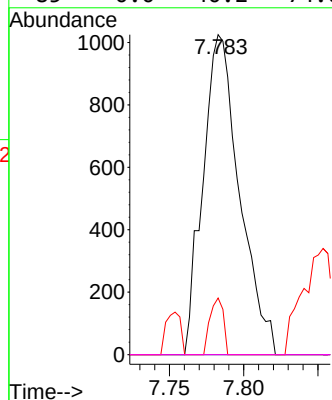
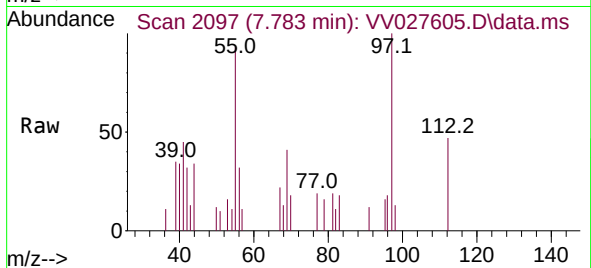
Ion Ratio Lower Upper

97 100

99 0.0 46.1 85.7#

83 17.7 63.0 117.0#

85 0.0 40.2 74.6#



#47

Tetrachloroethene

Concen: 0.061 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.013 min

Lab File: VV027605.D

Acq: 30 Aug 2022 23:26

Tgt Ion:164 Resp: 627

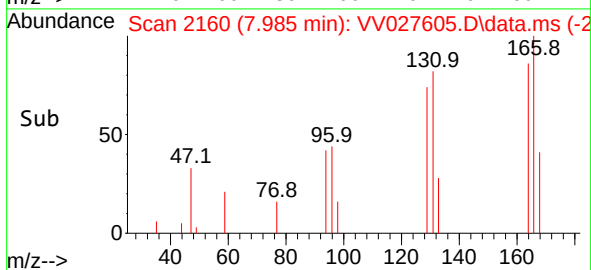
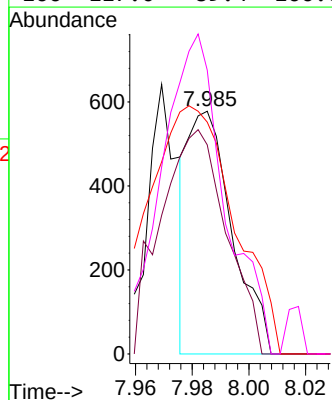
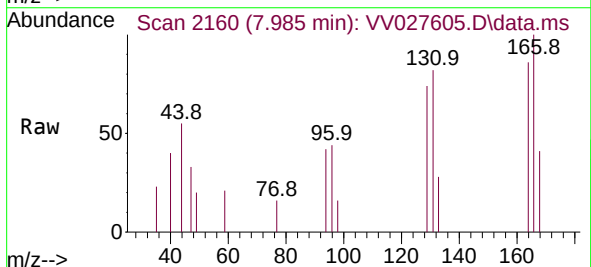
Ion Ratio Lower Upper

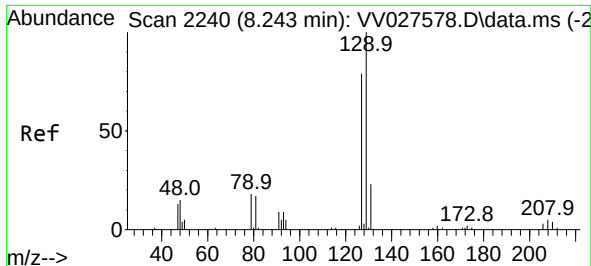
164 100

129 86.2 71.1 132.1

131 95.5 64.5 119.9

166 117.0 89.4 166.0





#49

Dibromochloromethane

Concen: 0.083 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.260 min

Lab File: VV027605.D

Acq: 30 Aug 2022 23:26

Instrument :

MSVOA_V

ClientSampleId :

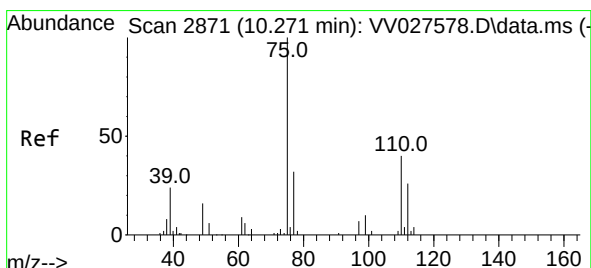
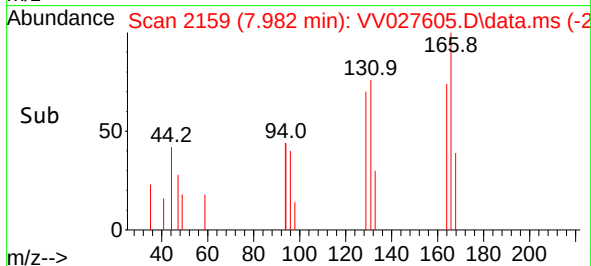
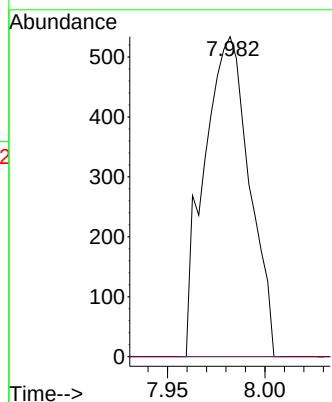
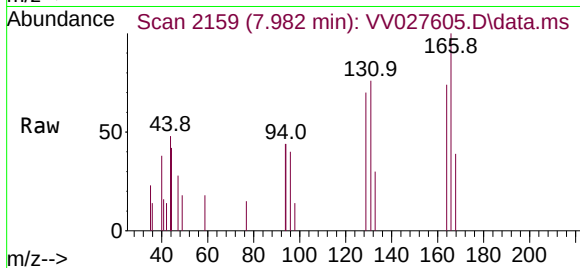
F5E75DL

Tgt Ion:129 Resp: 863

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.468 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027605.D

Acq: 30 Aug 2022 23:26

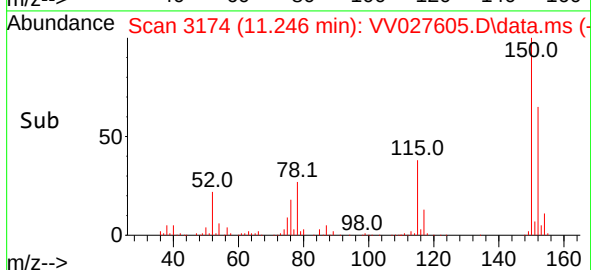
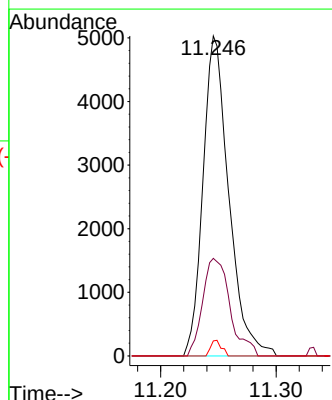
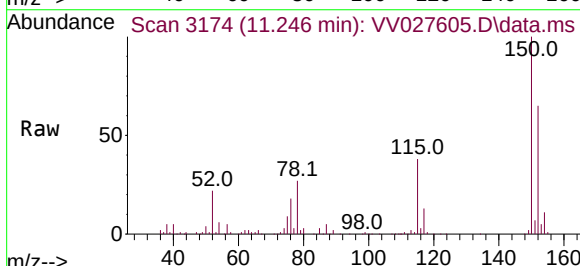
Tgt Ion: 75 Resp: 7801

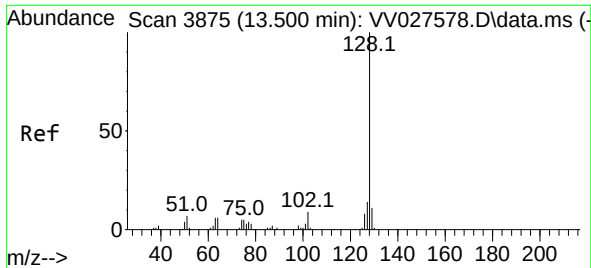
Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

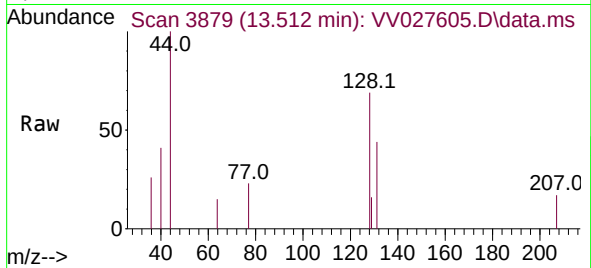
110 2.0 29.9 44.9#





#71
Naphthalene
Concen: 0.084 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV027605.D
Acq: 30 Aug 2022 23:26

Instrument : MSVOA_V
ClientSampleId : F5E75DL



Tgt Ion:	128	Resp:	1231
Ion	Ratio	Lower	Upper
128	100		
129	3.9	8.7	13.1#
127	1.6	10.4	15.6#

