

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025651.D
 Acq On : 20 Apr 2022 17:10
 Operator : SY/MD
 Sample : N2492-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W0

Quant Time: Apr 21 06:44:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125529	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56389	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	44656	3.826	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.574	69	45450	3.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.114	63	70330	3.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	3.902	46	84667	59.641	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.280%
24) Chloroform-d	4.355	84	86944	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.037	65	41887	5.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.053	84	165425	4.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.072	67	52759	5.340	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.317	98	137345	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.625	79	16049	4.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.088	63	68202	58.519	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32804	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	46296	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.442	43	558	0.261	ug/L #	43
22) cis-1,2-Dichloroethene	3.924	96	1927	0.201	ug/L	90
25) Chloroform	4.381	83	3283	0.201	ug/L	85
30) Cyclohexane	4.677	56	652	0.050	ug/L #	12
33) Benzene	5.108	78	4132	0.114	ug/L	100
34) Trichloroethene	5.918	95	34577	3.601	ug/L	97
35) Methylcyclohexane	6.137	83	2073	0.135	ug/L #	84
37) 1,2-Dichloropropane	6.072	63	6153	0.735	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1204	0.110	ug/L #	67
42) Toluene	7.397	91	11905	0.303	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	848	0.100	ug/L #	75
45) 1,1,2-Trichloroethane	7.982	97	85187	15.204	ug/L #	1
47) Tetrachloroethene	7.982	164	8795512	1169.901	ug/L	93
49) Dibromochloromethane	7.982	129	8890121	1445.284	ug/L #	11
52) Ethylbenzene	9.017	91	6964	0.166	ug/L	92
53) m,p-Xylene	9.146	106	1736	0.109	ug/L	98
60) Isopropylbenzene	10.461	105	1095	0.031	ug/L #	85
61) 1,2,3-Trichloropropane	10.017	75	581	0.156	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.918	105	1447	0.093	ug/L	98

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 21 06:38:14 2022
Response via : Initial Calibration

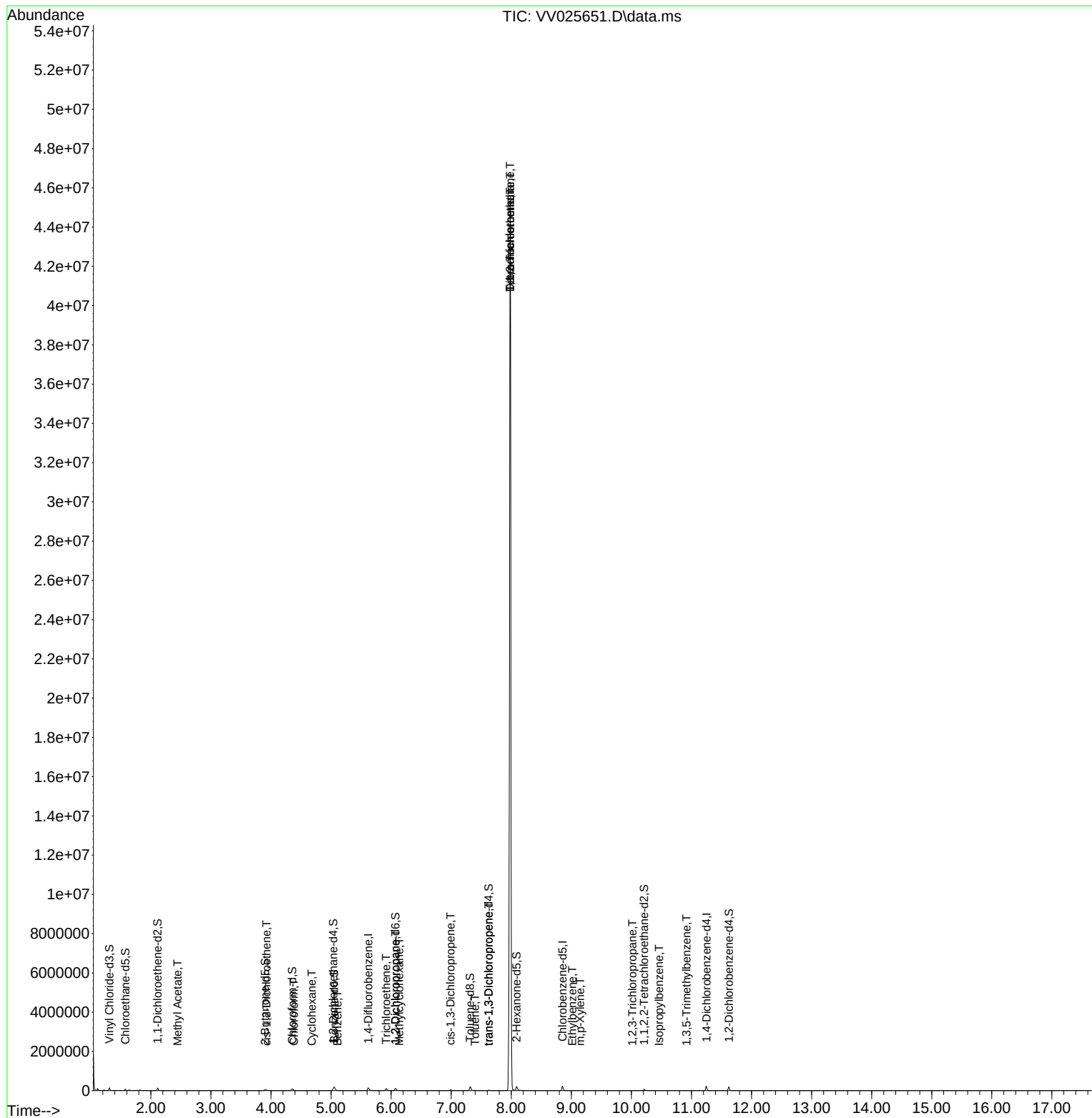
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

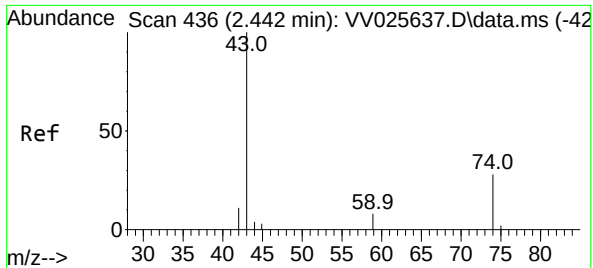
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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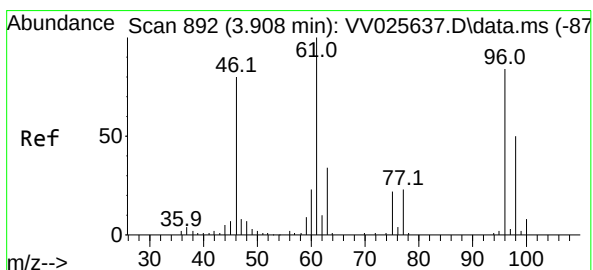
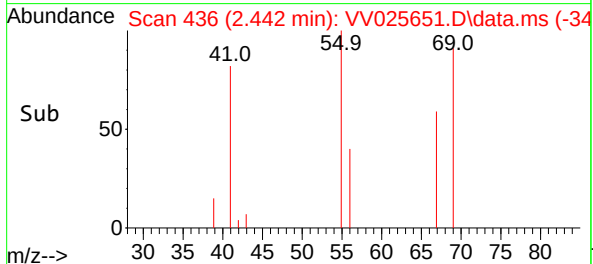
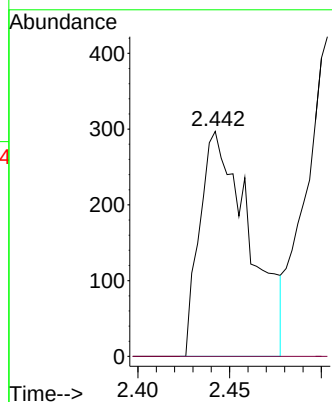
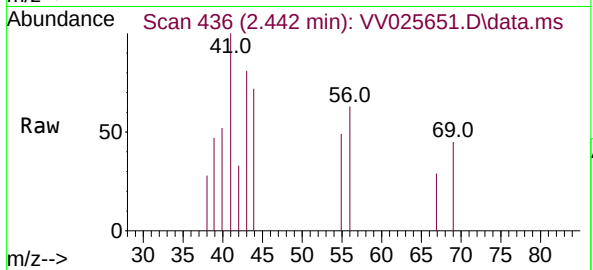




#15
Methyl Acetate
Concen: 0.261 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025651.D
Acq: 20 Apr 2022 17:10

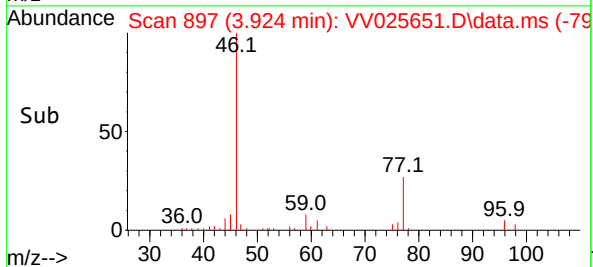
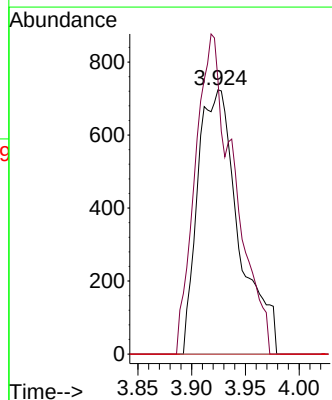
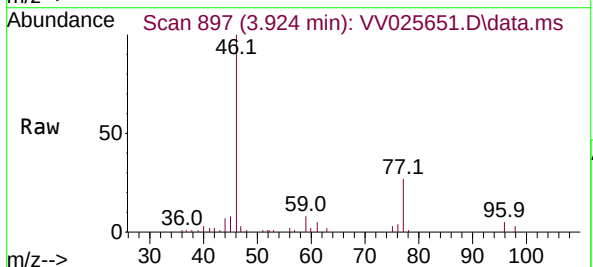
Instrument :
MSVOA_V
ClientSampleId :
EW6W0

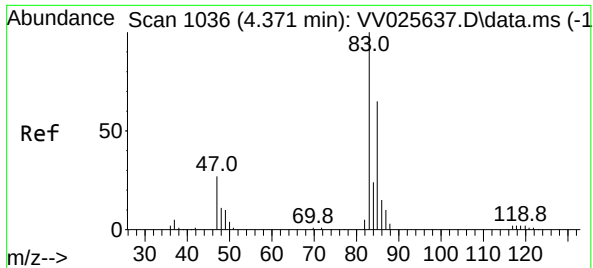
Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#22
cis-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 3.924 min Scan# 897
Delta R.T. 0.016 min
Lab File: VV025651.D
Acq: 20 Apr 2022 17:10

Tgt Ion: 96 Resp: 1927
Ion Ratio Lower Upper
96 100
61 103.6 80.0 148.6
68 0.0 0.0 0.0

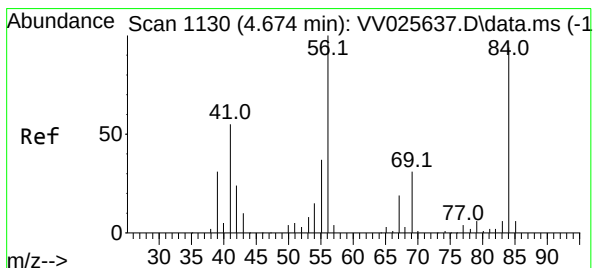
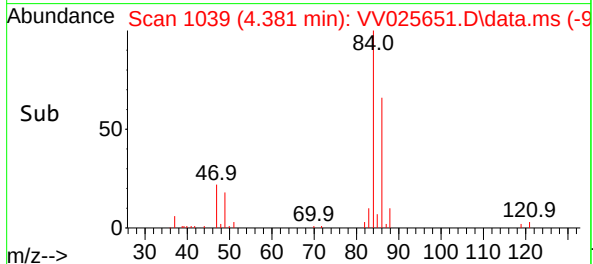
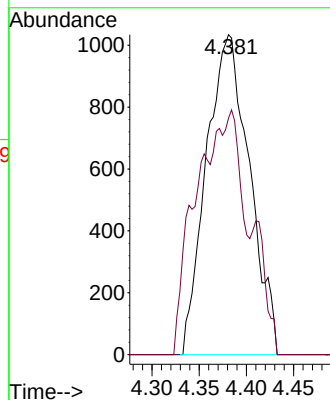
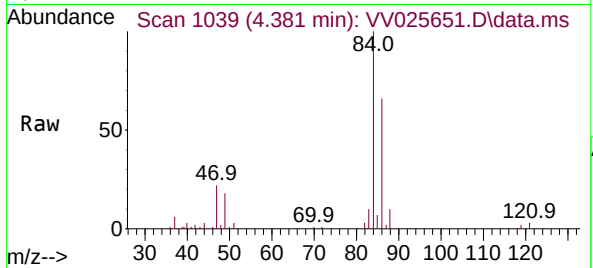




#25
Chloroform
Concen: 0.201 ug/L
RT: 4.381 min Scan# 11039
Delta R.T. 0.010 min
Lab File: VV025651.D
Acq: 20 Apr 2022 17:10

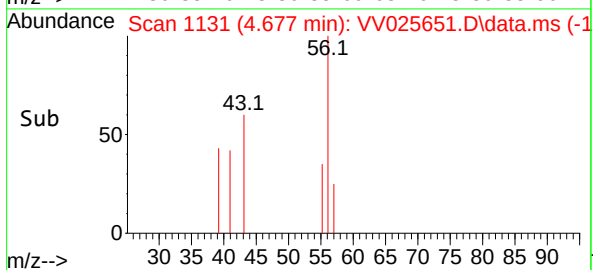
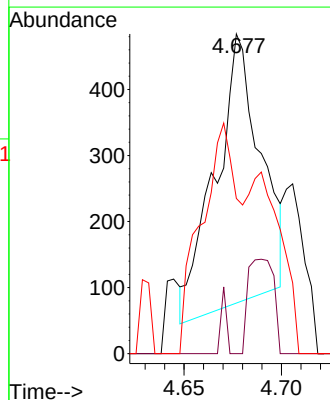
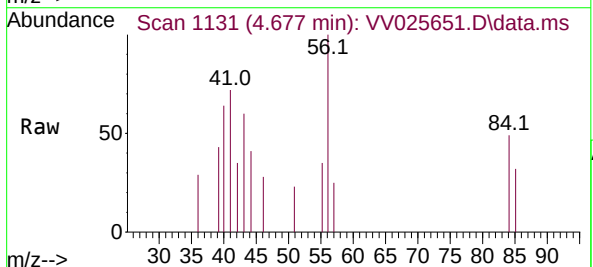
Instrument :
MSVOA_V
ClientSampleId :
EW6W0

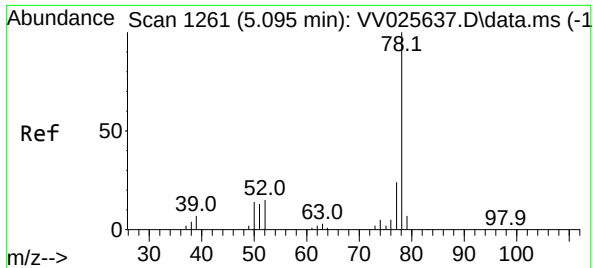
Tgt Ion: 83 Resp: 3283
Ion Ratio Lower Upper
83 100
85 73.9 43.5 80.7



#30
Cyclohexane
Concen: 0.050 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV025651.D
Acq: 20 Apr 2022 17:10

Tgt Ion: 56 Resp: 652
Ion Ratio Lower Upper
56 100
69 2.9 26.1 39.1#
84 0.0 78.6 118.0#





#33

Benzene

Concen: 0.114 ug/L

RT: 5.108 min Scan# 1517

Delta R.T. 0.013 min

Lab File: VV025651.D

Acq: 20 Apr 2022 17:10

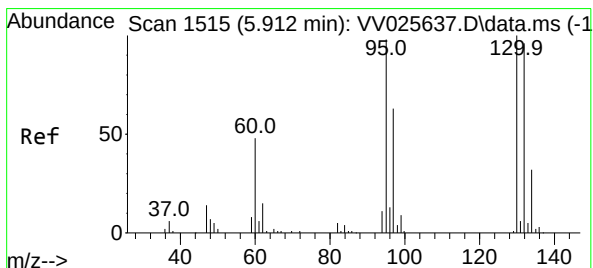
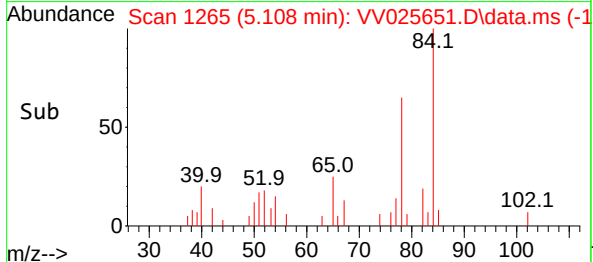
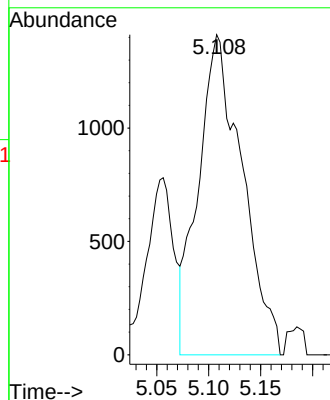
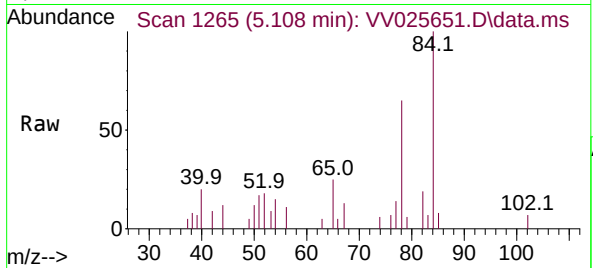
Instrument :

MSVOA_V

ClientSampleId :

EW6W0

Tgt Ion: 78 Resp: 4132



#34

Trichloroethene

Concen: 3.601 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV025651.D

Acq: 20 Apr 2022 17:10

Tgt Ion: 95 Resp: 34577

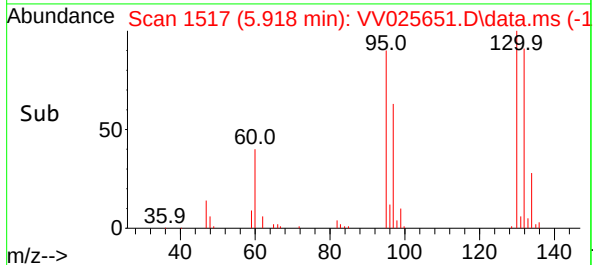
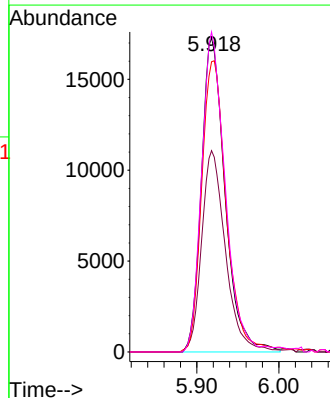
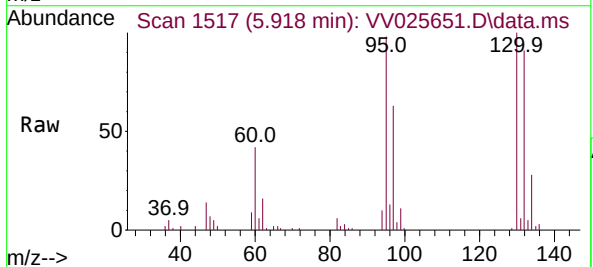
Ion Ratio Lower Upper

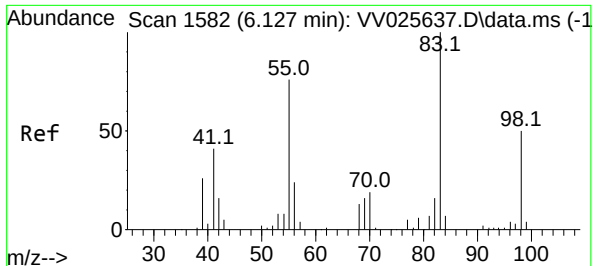
95 100

97 64.1 45.8 85.2

132 92.4 68.0 126.4

130 101.9 71.9 133.5





#35

Methylcyclohexane

Concen: 0.135 ug/L

RT: 6.137 min Scan# 1582

Delta R.T. 0.010 min

Lab File: VV025651.D

Acq: 20 Apr 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

EW6W0

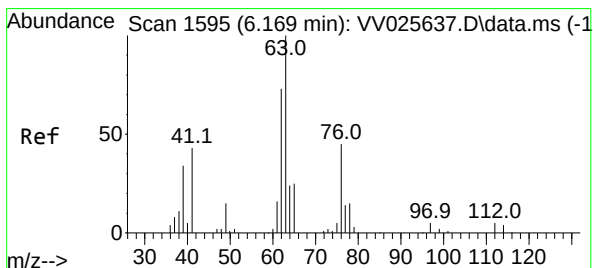
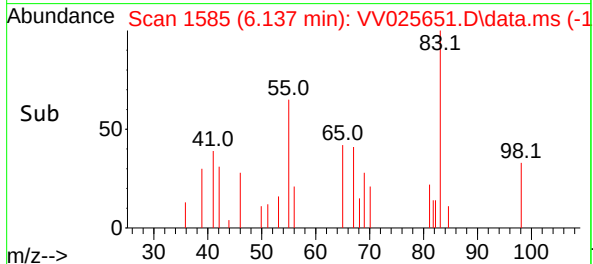
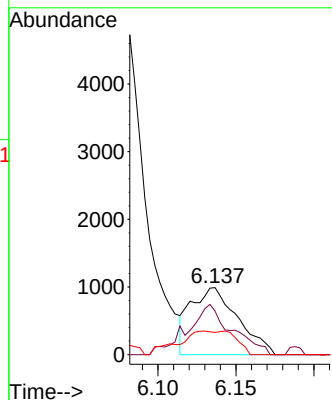
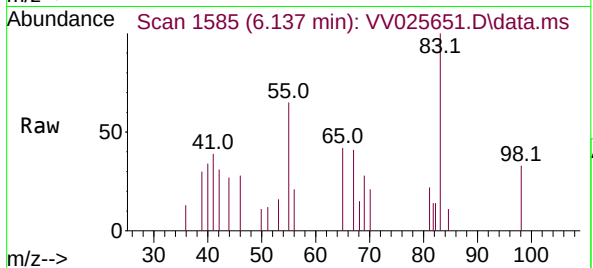
Tgt Ion: 83 Resp: 2073

Ion Ratio Lower Upper

83 100

55 70.8 53.7 80.5

98 27.8 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.735 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.097 min

Lab File: VV025651.D

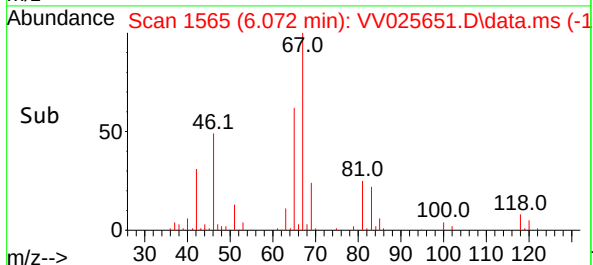
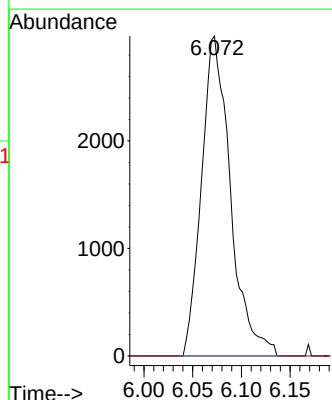
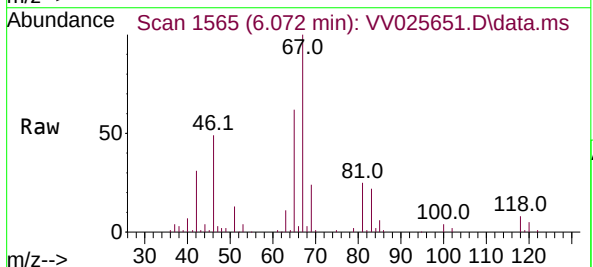
Acq: 20 Apr 2022 17:10

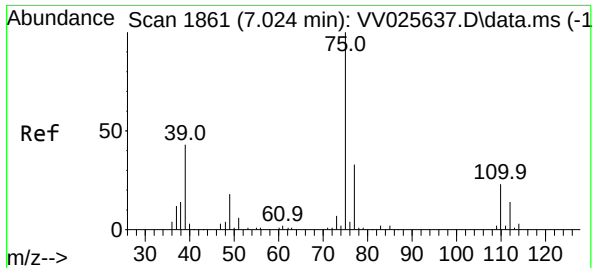
Tgt Ion: 63 Resp: 6153

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.989 min Scan# 1861

Delta R.T. -0.035 min

Lab File: VV025651.D

Acq: 20 Apr 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

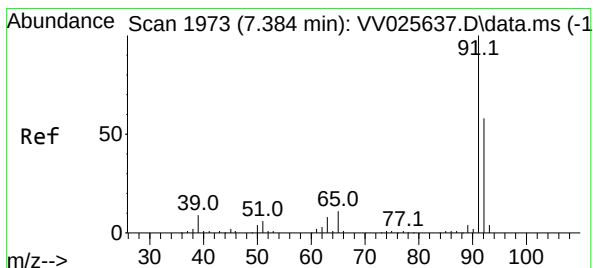
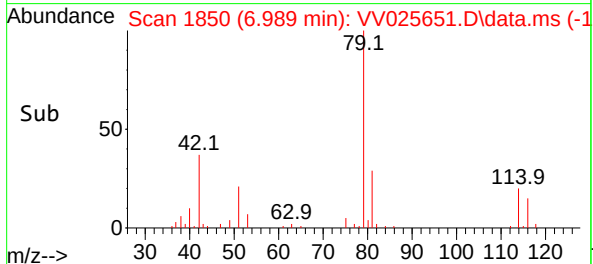
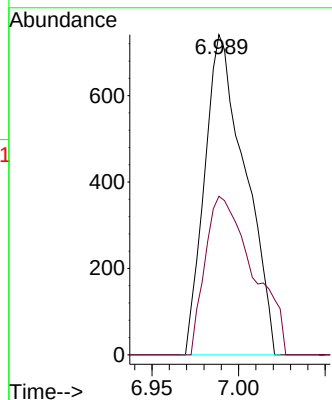
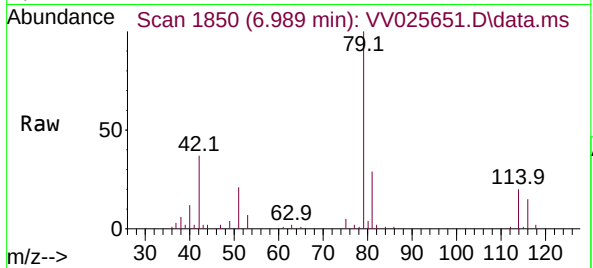
EW6W0

Tgt Ion: 75 Resp: 1204

Ion Ratio Lower Upper

75 100

77 49.5 21.8 40.6#



#42

Toluene

Concen: 0.303 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV025651.D

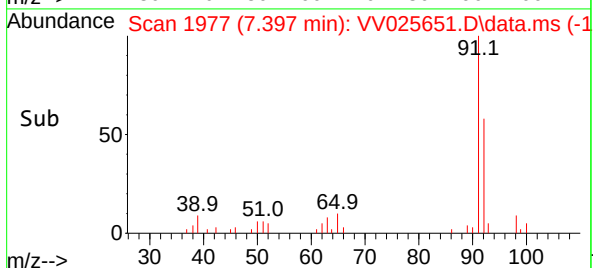
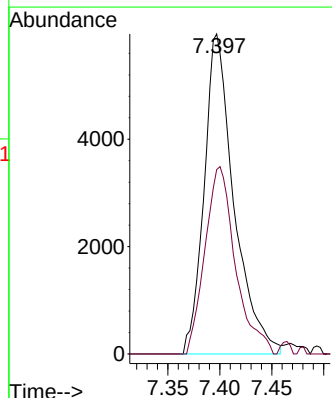
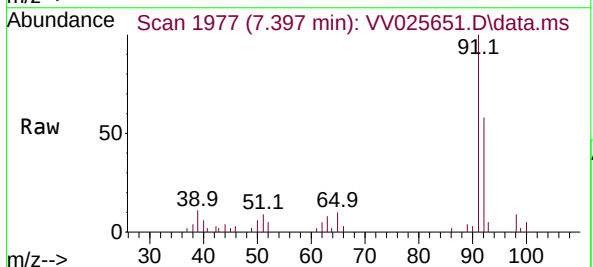
Acq: 20 Apr 2022 17:10

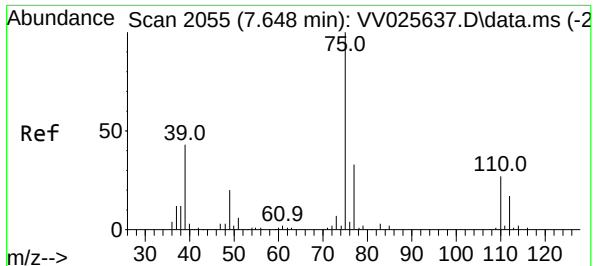
Tgt Ion: 91 Resp: 11905

Ion Ratio Lower Upper

91 100

92 57.6 40.8 75.8

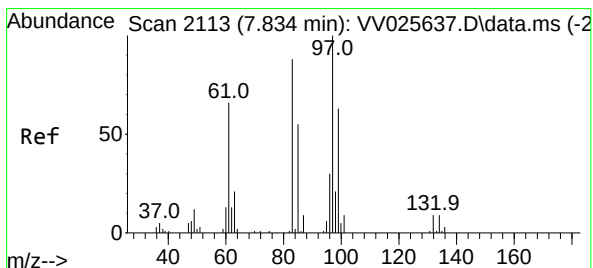
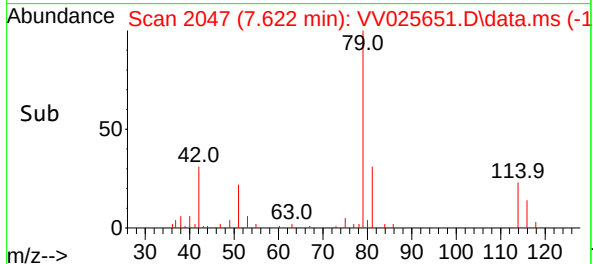
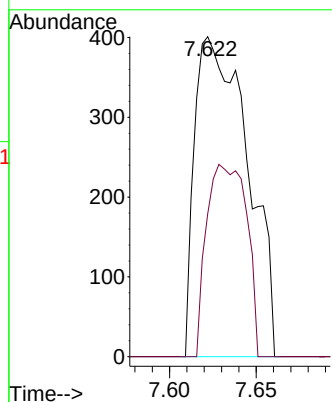
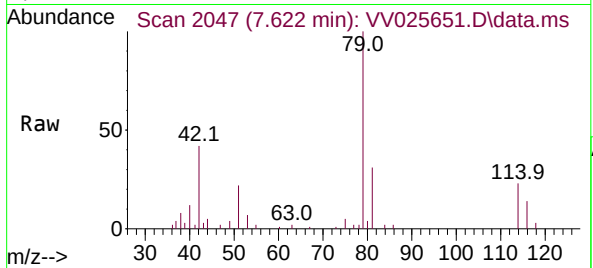




#44
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.622 min Scan# 2055
Delta R.T. -0.026 min
Lab File: VV025651.D
Acq: 20 Apr 2022 17:10

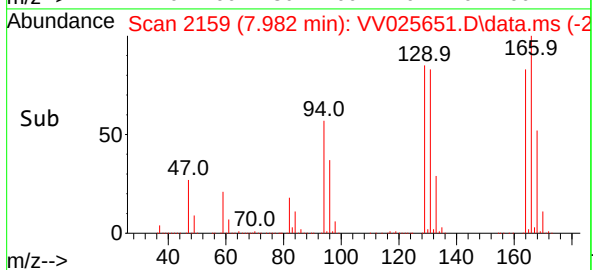
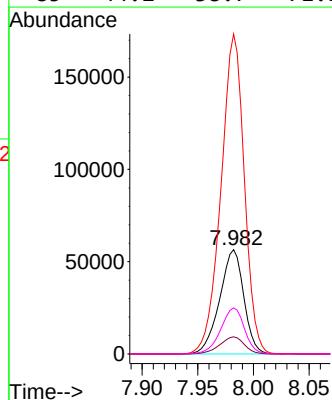
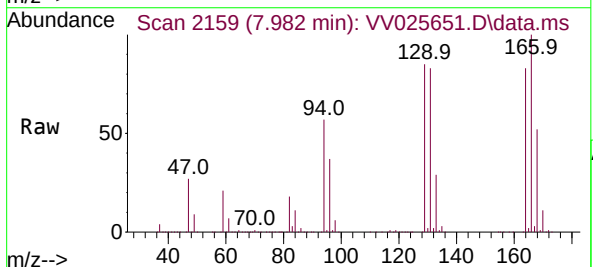
Instrument :
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EW6W0

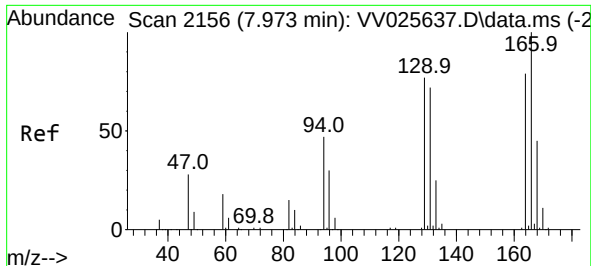
Tgt Ion: 75 Resp: 848
Ion Ratio Lower Upper
75 100
77 44.6 21.7 40.3#



#45
1,1,2-Trichloroethane
Concen: 15.204 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.148 min
Lab File: VV025651.D
Acq: 20 Apr 2022 17:10

Tgt Ion: 97 Resp: 85187
Ion Ratio Lower Upper
97 100
99 16.4 43.8 81.4#
83 306.9 60.3 112.1#
85 44.2 38.7 71.9





#47

Tetrachloroethene

Concen: 1169.901 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV025651.D

Acq: 20 Apr 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

EW6W0

Tgt Ion:164 Resp: 8795512

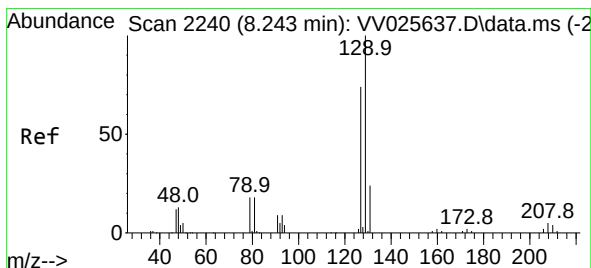
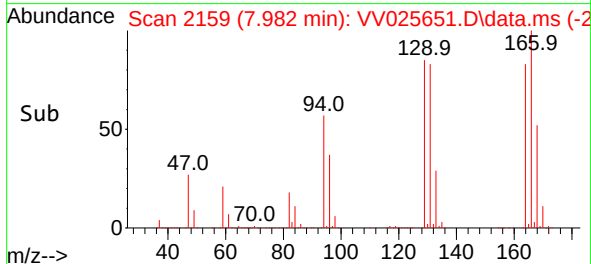
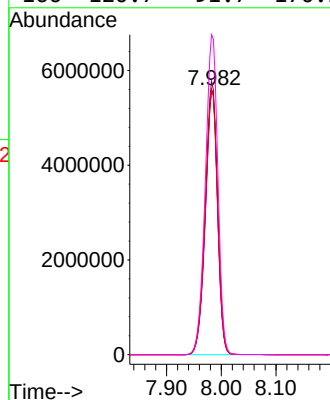
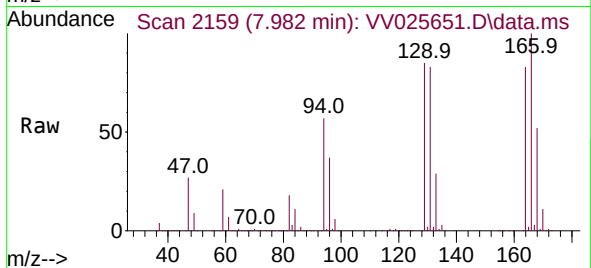
Ion Ratio Lower Upper

164 100

129 103.1 66.8 124.2

131 99.8 66.4 123.4

166 120.7 91.7 170.3



#49

Dibromochloromethane

Concen: 1445.284 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.261 min

Lab File: VV025651.D

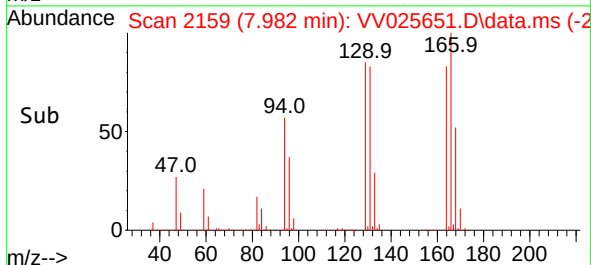
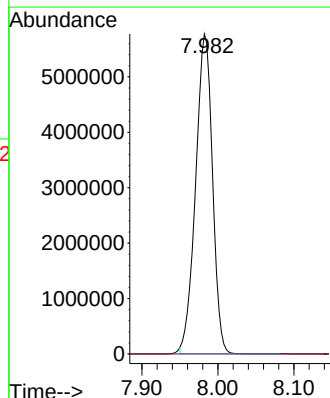
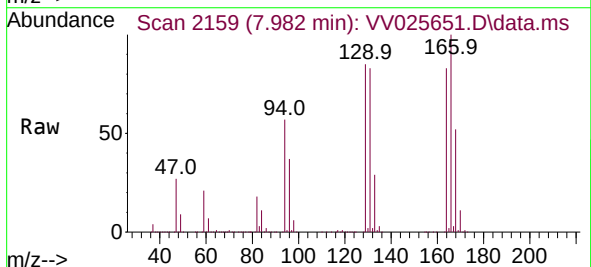
Acq: 20 Apr 2022 17:10

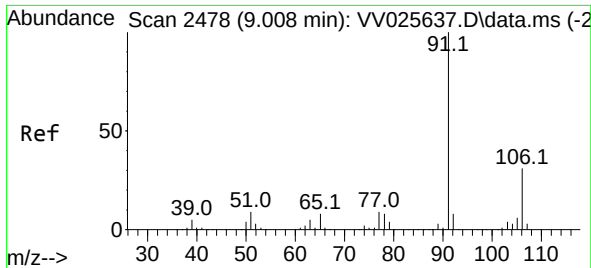
Tgt Ion:129 Resp: 8890121

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.166 ug/L

RT: 9.017 min Scan# 2478

Delta R.T. 0.010 min

Lab File: VV025651.D

Acq: 20 Apr 2022 17:10

Instrument :

MSVOA_V

ClientSampleId :

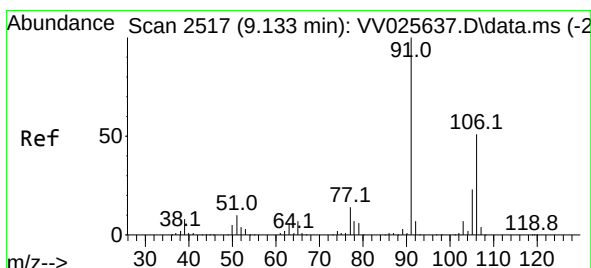
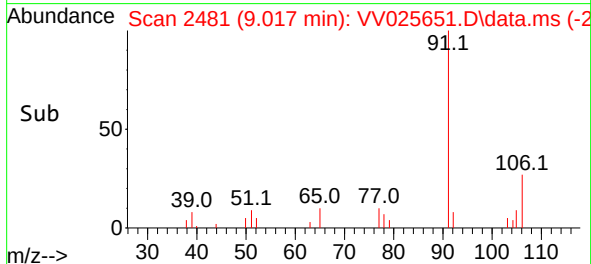
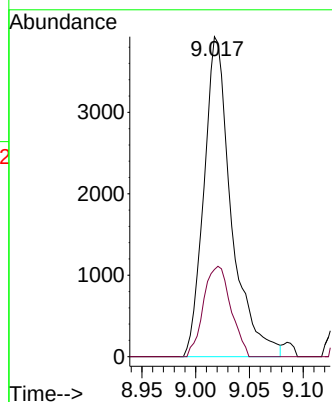
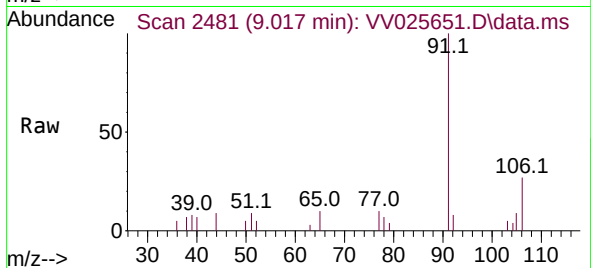
EW6W0

Tgt Ion: 91 Resp: 6964

Ion Ratio Lower Upper

91 100

106 27.2 22.3 41.3



#53

m,p-Xylene

Concen: 0.109 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV025651.D

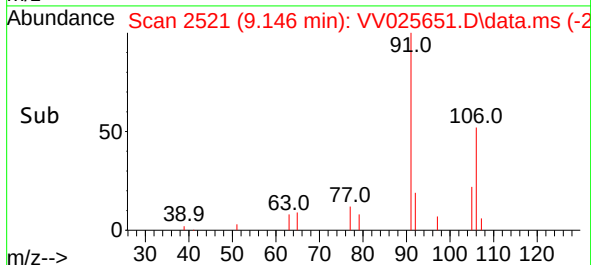
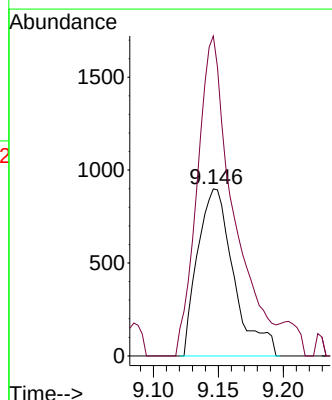
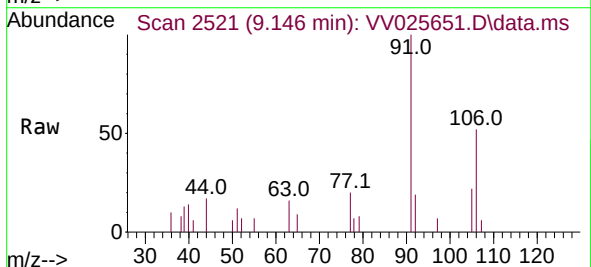
Acq: 20 Apr 2022 17:10

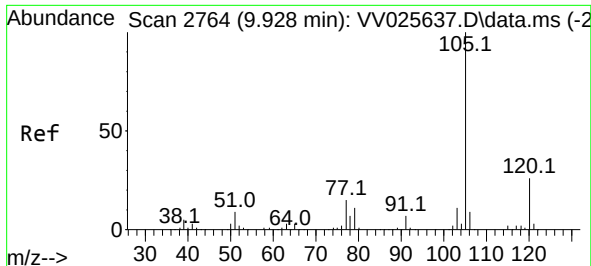
Tgt Ion: 106 Resp: 1736

Ion Ratio Lower Upper

106 100

91 191.5 136.4 253.4

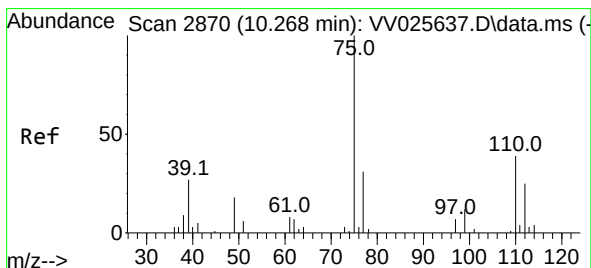
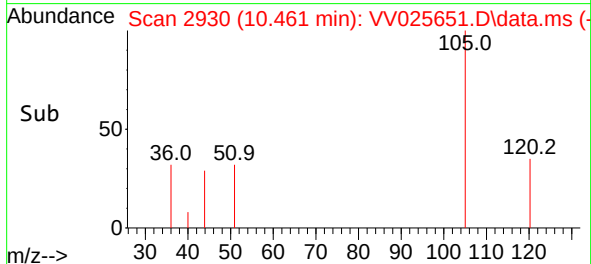
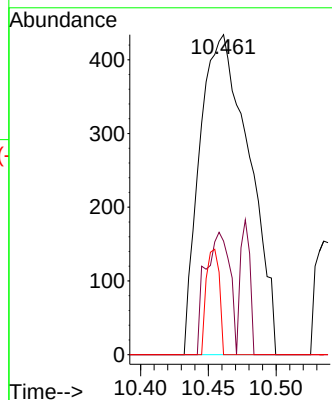
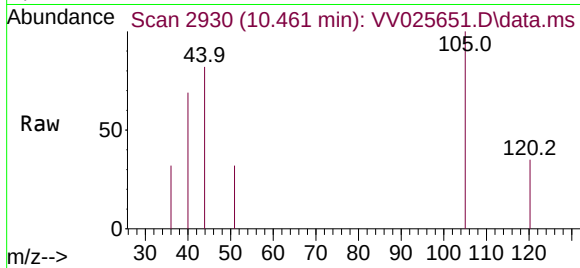




#60
Isopropylbenzene
Concen: 0.031 ug/L
RT: 10.461 min Scan# 2792
Delta R.T. 0.534 min
Lab File: VV025651.D
Acq: 20 Apr 2022 17:10

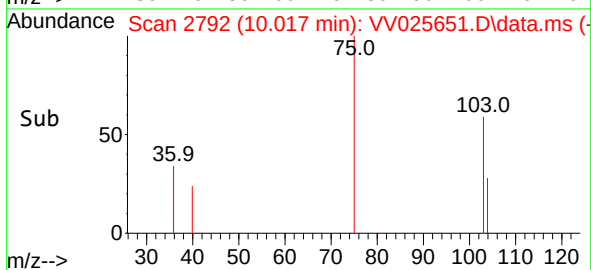
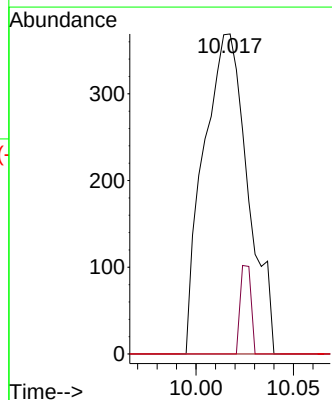
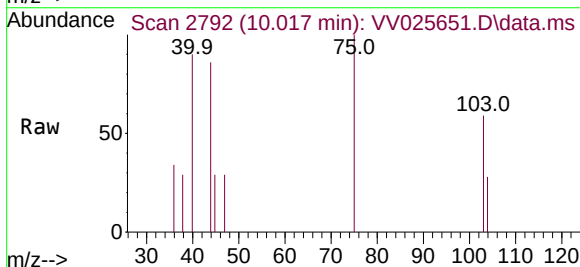
Instrument :
MSVOA_V
ClientSampleId :
EW6W0

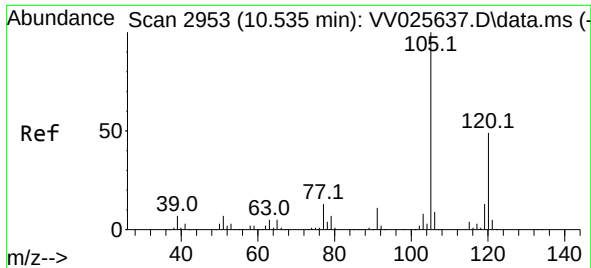
Tgt Ion:105 Resp: 1095
Ion Ratio Lower Upper
105 100
120 18.7 21.2 31.8#
77 8.8 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 0.156 ug/L
RT: 10.017 min Scan# 2792
Delta R.T. -0.251 min
Lab File: VV025651.D
Acq: 20 Apr 2022 17:10

Tgt Ion: 75 Resp: 581
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 0.0 34.7 52.1#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.093 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.383 min
 Lab File: VV025651.D
 Acq: 20 Apr 2022 17:10

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6W0

Tgt Ion:105 Resp: 1447
 Ion Ratio Lower Upper
 105 100
 120 47.9 39.6 59.4

