

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022721.D
 Acq On : 11 Oct 2021 11:53
 Operator : SY/MD
 Sample : M4022-19DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:39:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

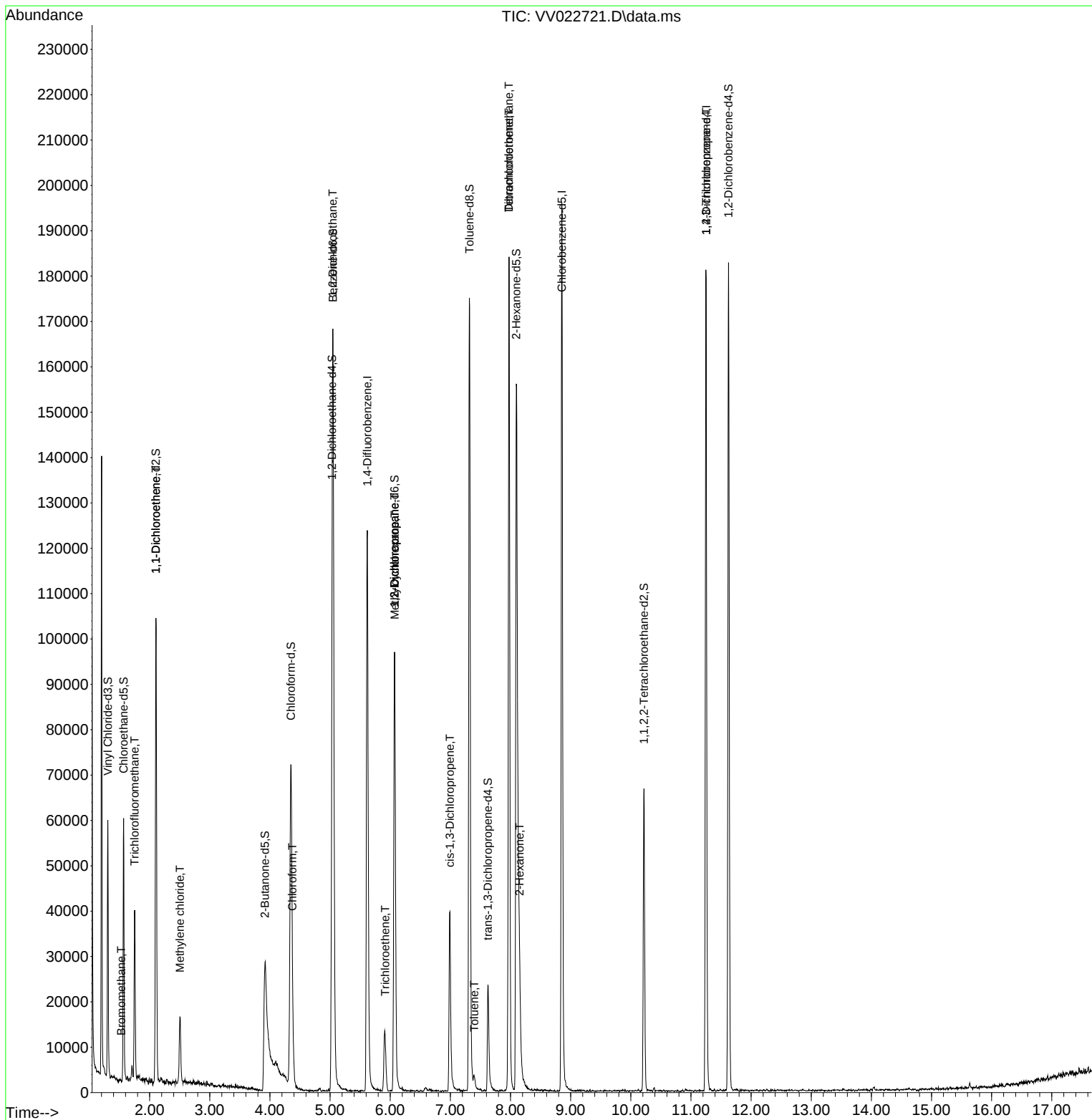
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110152	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	110882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49195	5.000	ug/L	0.00

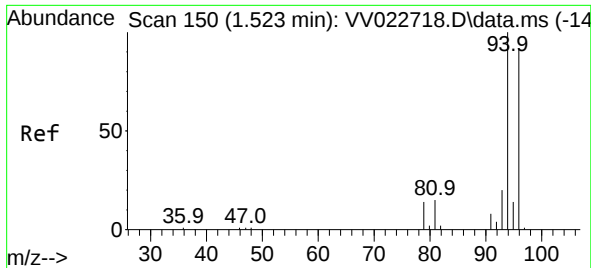
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35244	4.650	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.568	69	34167	5.017	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.104	63	52937	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.918	46	67552	33.995	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.980%
24) Chloroform-d	4.349	84	73846	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	39022	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.050	84	147896	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.072	67	47330	4.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.316	98	122263	4.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.625	79	14738	4.545	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.098	63	65729	50.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32091	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	50239	5.508	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%

Target Compounds				Qvalue		
6) Bromomethane	1.526	94	294	0.057	ug/L	89
9) Trichlorofluoromethane	1.751	101	20886	1.710	ug/L	96
12) 1,1-Dichloroethene	2.104	96	581	0.087	ug/L #	1
16) Methylene chloride	2.503	84	6248	0.682	ug/L	95
25) Chloroform	4.375	83	7537	0.499	ug/L	97
27) 1,2-Dichloroethane	5.043	62	872	0.116	ug/L #	69
34) Trichloroethene	5.918	95	2521	0.310	ug/L	93
35) Methylcyclohexane	6.075	83	11678	1.026	ug/L #	26
37) 1,2-Dichloropropane	6.072	63	5208	0.725	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1260	0.133	ug/L #	54
42) Toluene	7.397	91	1886	0.062	ug/L	85
47) Tetrachloroethene	7.976	164	41788	6.363	ug/L	99
48) 2-Hexanone	8.149	43	6758	2.395	ug/L #	43
49) Dibromochloromethane	7.976	129	36684	5.880	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	5434	1.590	ug/L #	59

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

Quant Time: Oct 12 03:39:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 12 03:20:38 2021
Response via : Initial Calibration

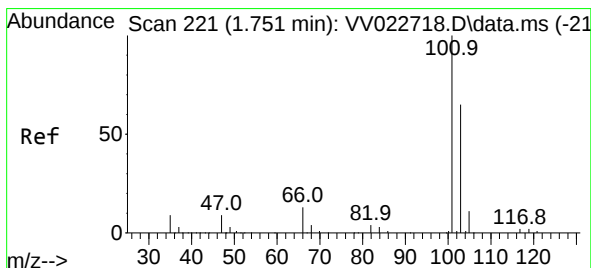
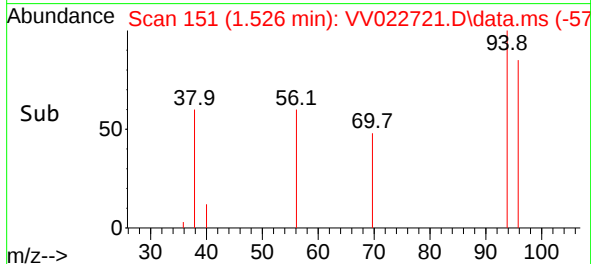
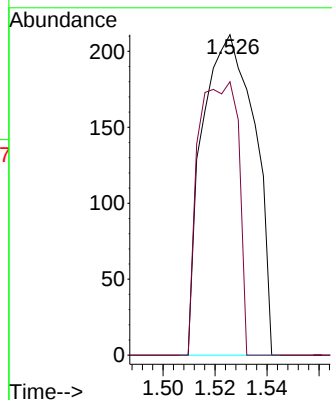
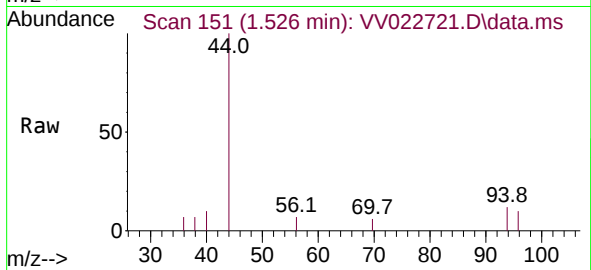




#6
Bromomethane
Concen: 0.057 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

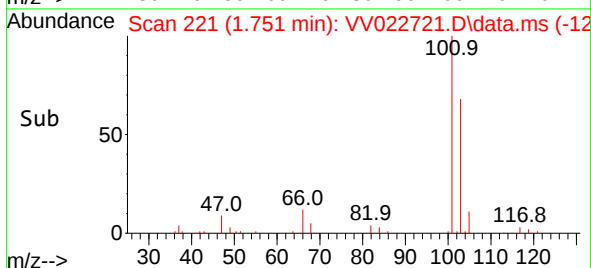
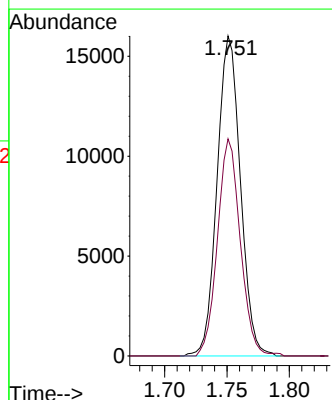
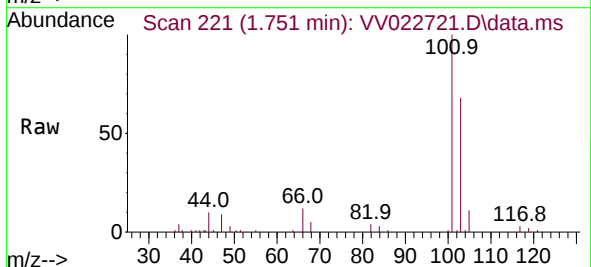
Instrument :
MSVOA_V
ClientSampled :

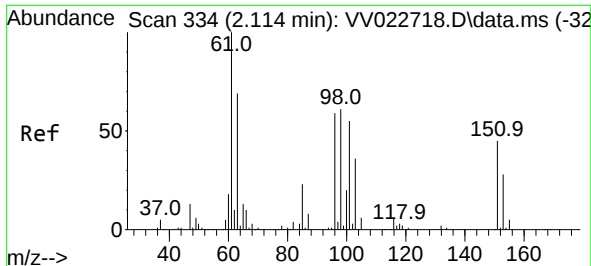
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 85.3 67.2 124.8



#9
Trichlorofluoromethane
Concen: 1.710 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

Tgt Ion:101 Resp: 20886
Ion Ratio Lower Upper
101 100
103 66.4 50.3 75.5





#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.104 min Scan# 331

Delta R.T. -0.010 min

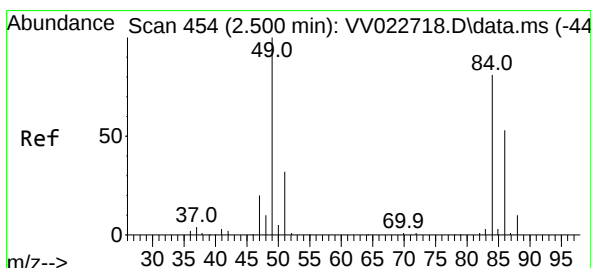
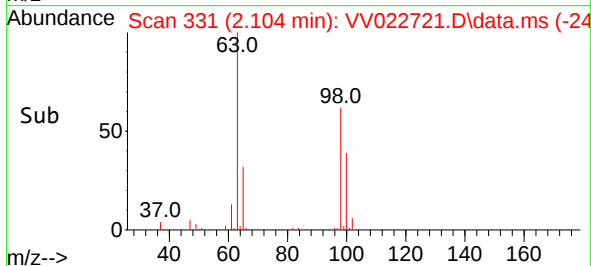
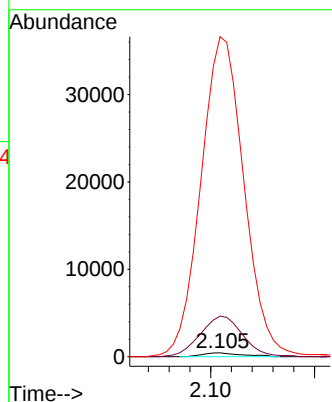
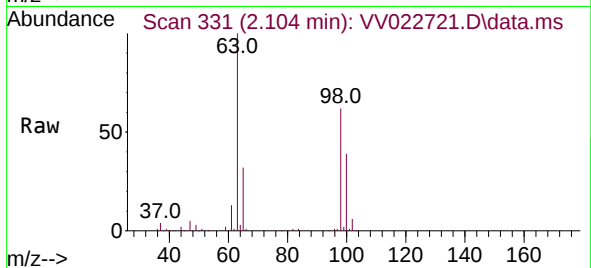
Lab File: VV022721.D

Acq: 11 Oct 2021 11:53

Tgt Ion: 96 Resp: 581

Ion	Ratio	Lower	Upper
96	100		
61	1063.3	127.3	236.5#
63	8400.0	106.2	197.2#

Instrument :
MSVOA_V
ClientSampleId :



#16

Methylene chloride

Concen: 0.682 ug/L

RT: 2.503 min Scan# 455

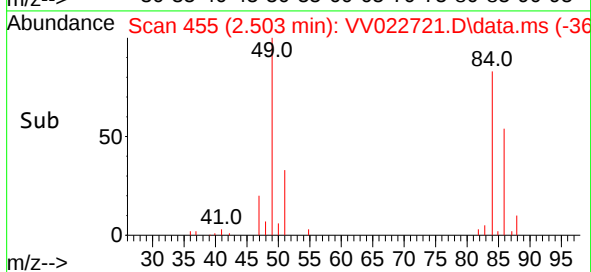
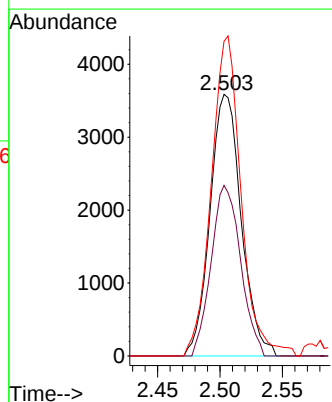
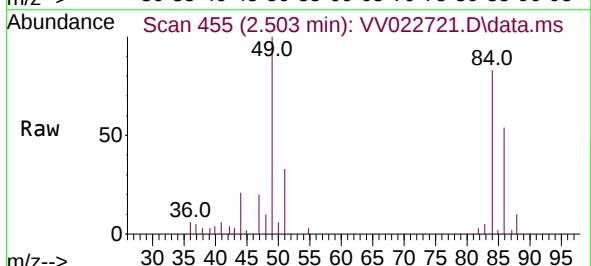
Delta R.T. 0.003 min

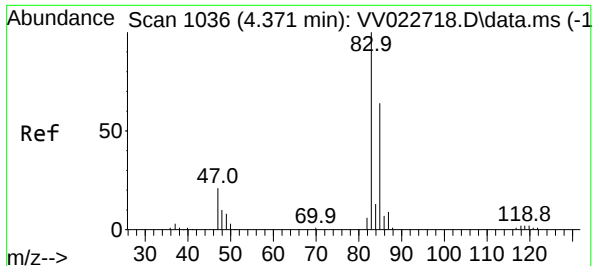
Lab File: VV022721.D

Acq: 11 Oct 2021 11:53

Tgt Ion: 84 Resp: 6248

Ion	Ratio	Lower	Upper
84	100		
86	65.2	45.8	85.2
49	120.4	90.3	167.7





#25

Chloroform

Concen: 0.499 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV022721.D

Acq: 11 Oct 2021 11:53

Tgt Ion: 83 Resp: 7537

Ion Ratio Lower Upper

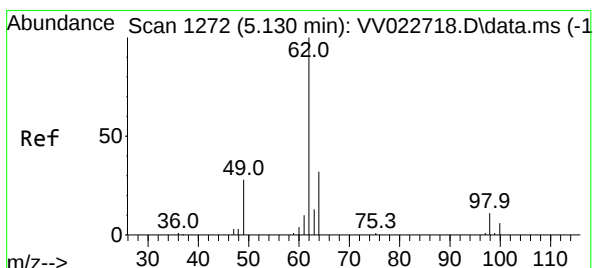
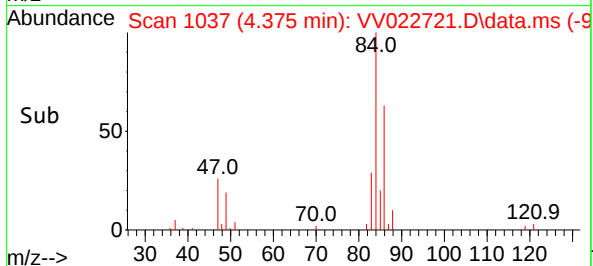
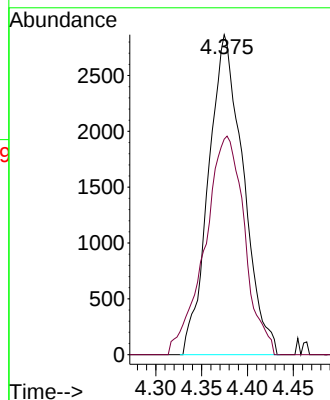
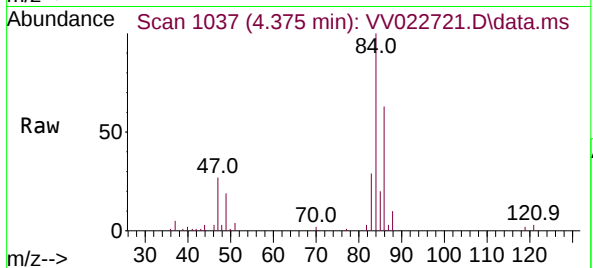
83 100

85 67.3 45.7 84.9

Instrument :

MSVOA_V

ClientSampled :



#27

1,2-Dichloroethane

Concen: 0.116 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.087 min

Lab File: VV022721.D

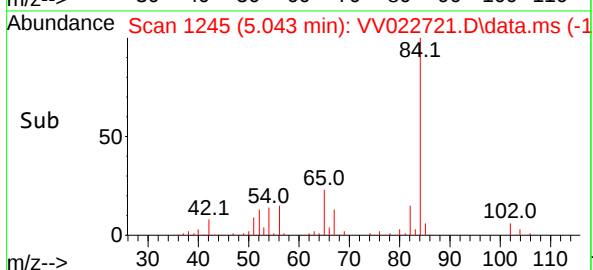
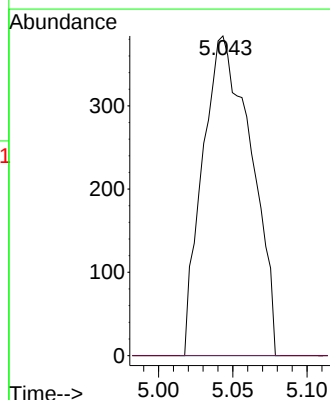
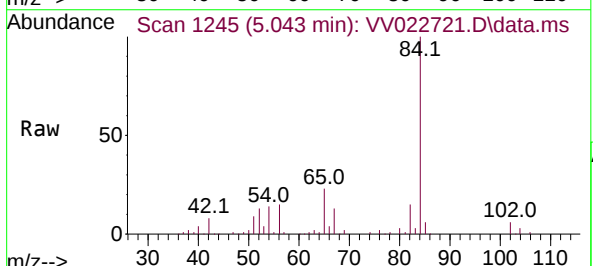
Acq: 11 Oct 2021 11:53

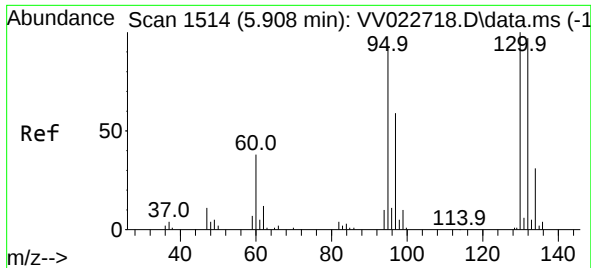
Tgt Ion: 62 Resp: 872

Ion Ratio Lower Upper

62 100

98 0.0 9.7 14.5#

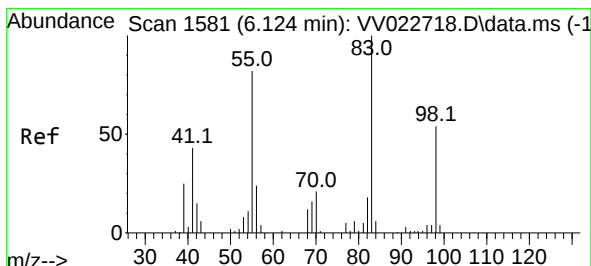
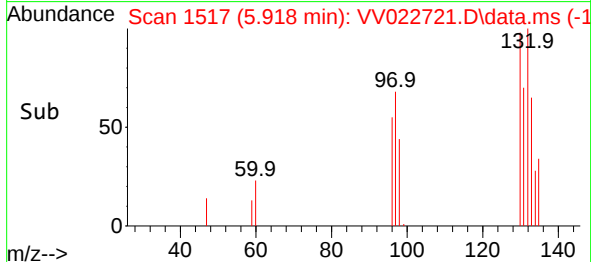
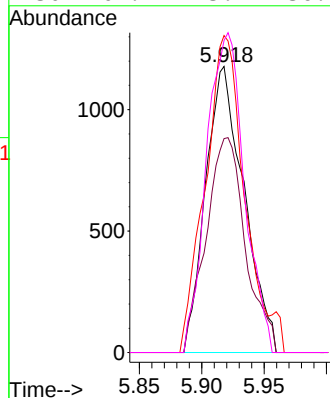
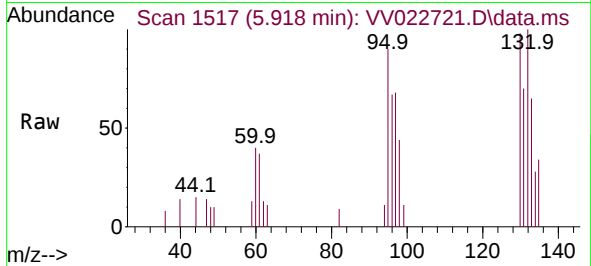




#34
Trichloroethene
Concen: 0.310 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

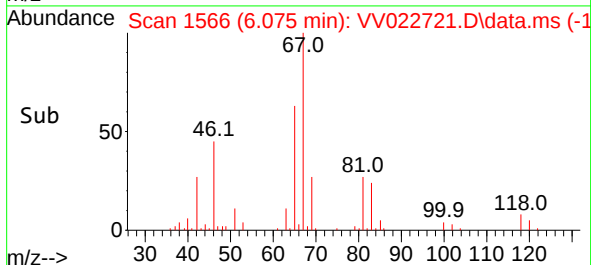
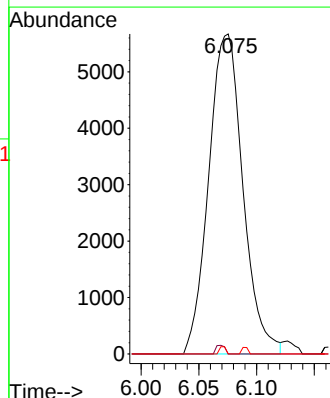
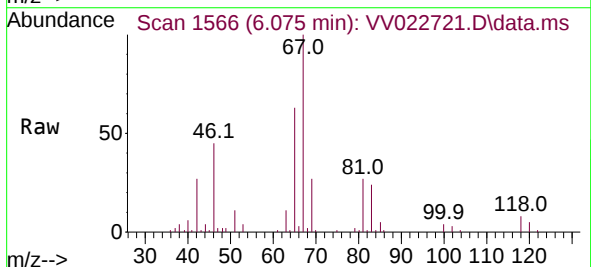
Instrument :
MSVOA_V
ClientSampled :

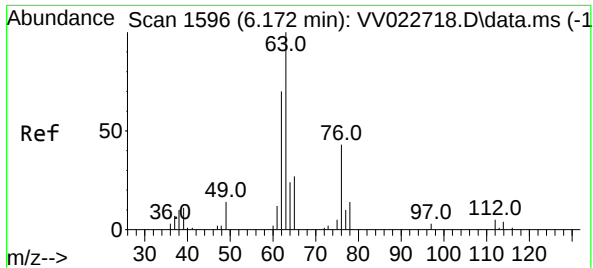
Tgt Ion: 95 Resp: 2521
Ion Ratio Lower Upper
95 100
97 74.8 45.8 85.2
132 110.8 72.2 134.0
130 109.1 73.4 136.4



#35
Methylcyclohexane
Concen: 1.026 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.048 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

Tgt Ion: 83 Resp: 11678
Ion Ratio Lower Upper
83 100
55 0.7 63.8 95.6#
98 18.0 42.1 63.1#

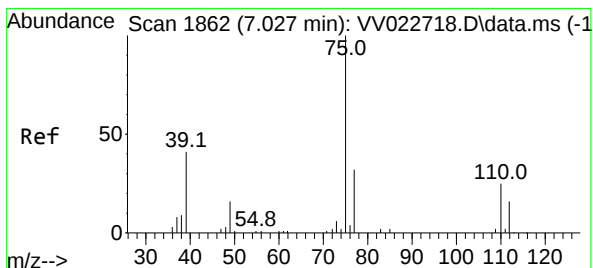
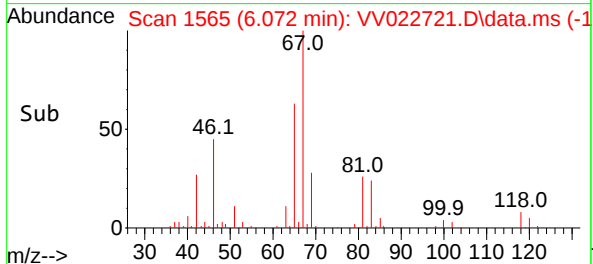
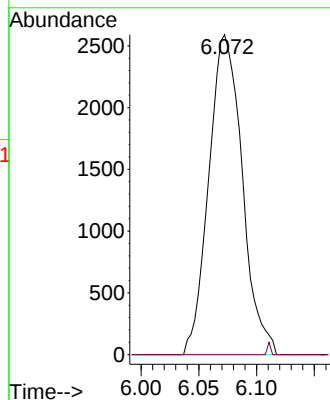
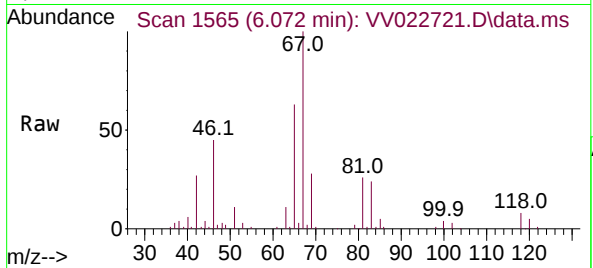




#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

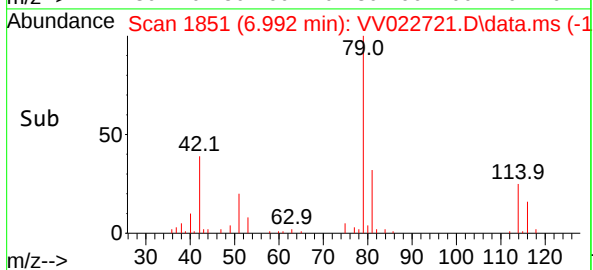
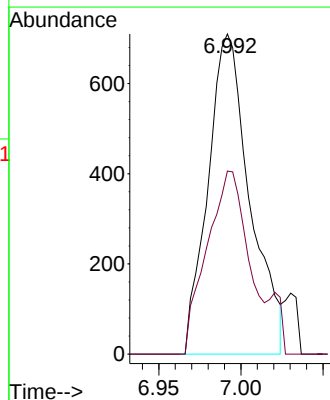
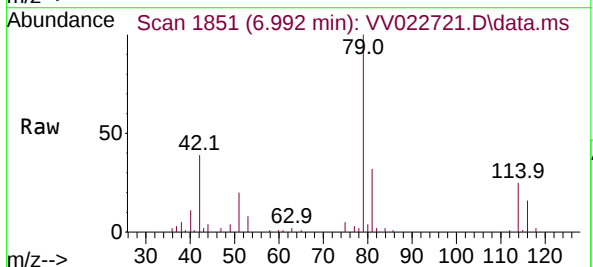
Instrument :
MSVOA_V
ClientSampled :

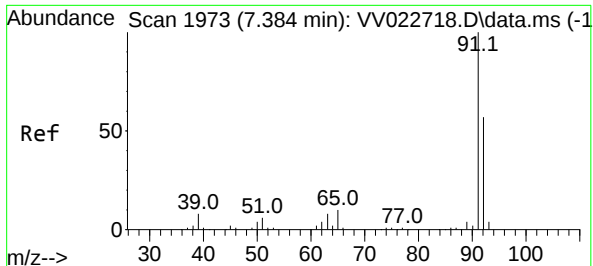
Tgt Ion: 63 Resp: 5208
Ion Ratio Lower Upper
63 100
112 0.4 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.133 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

Tgt Ion: 75 Resp: 1260
Ion Ratio Lower Upper
75 100
77 57.2 22.3 41.3#





#42

Toluene

Concen: 0.062 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.013 min

Lab File: VV022721.D

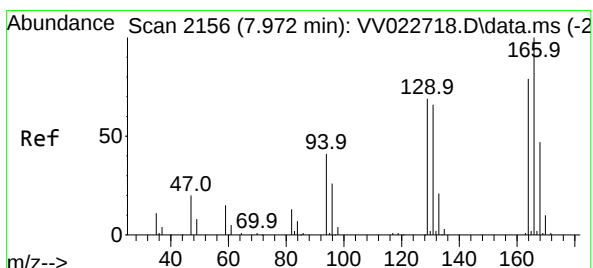
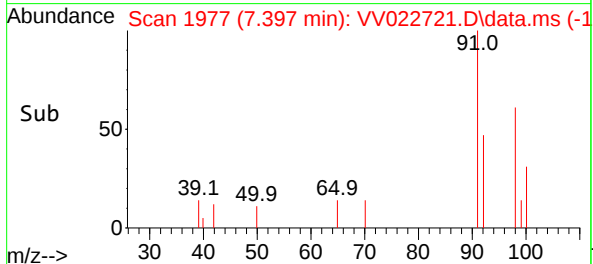
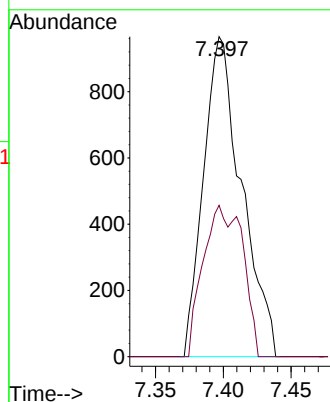
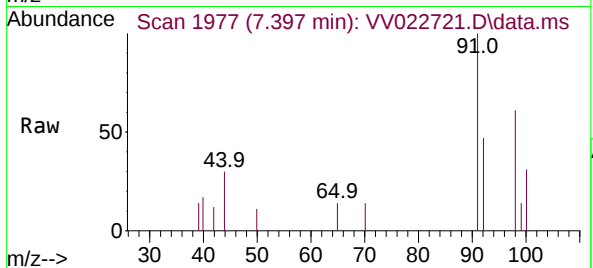
Acq: 11 Oct 2021 11:53

Tgt Ion: 91 Resp: 1886

Ion Ratio Lower Upper

91 100

92 47.3 40.7 75.7



#47

Tetrachloroethene

Concen: 6.363 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022721.D

Acq: 11 Oct 2021 11:53

Tgt Ion: 164 Resp: 41788

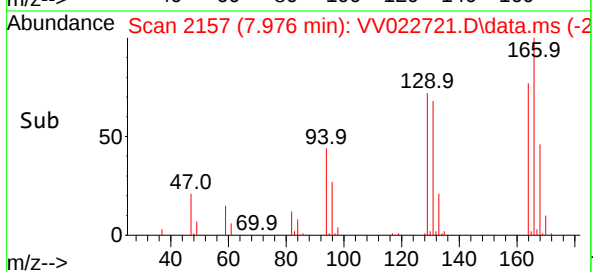
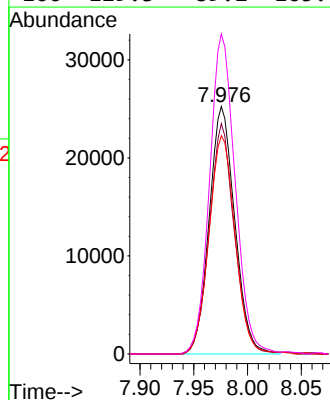
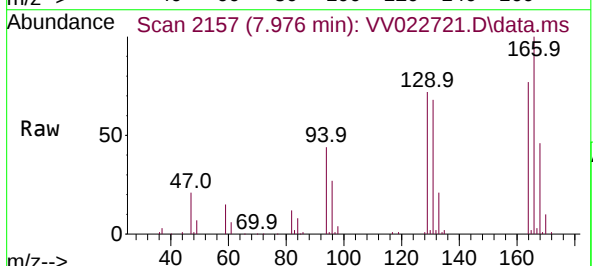
Ion Ratio Lower Upper

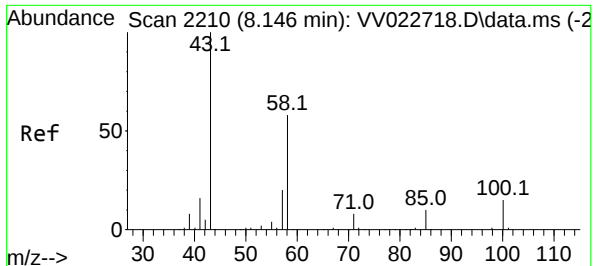
164 100

129 93.1 65.0 120.6

131 88.2 62.2 115.4

166 129.3 89.2 165.8

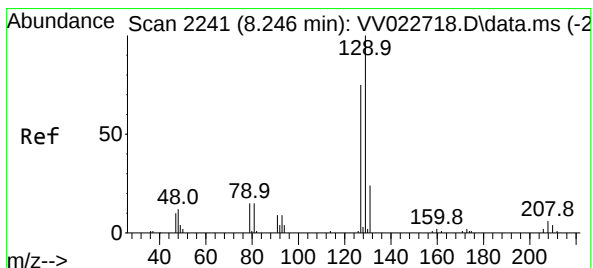
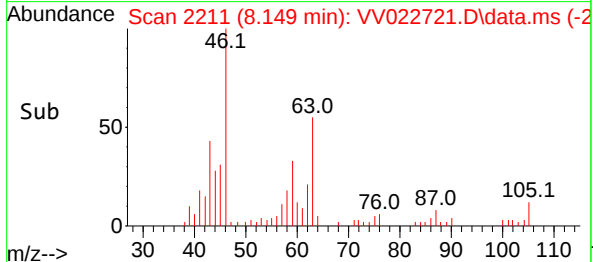
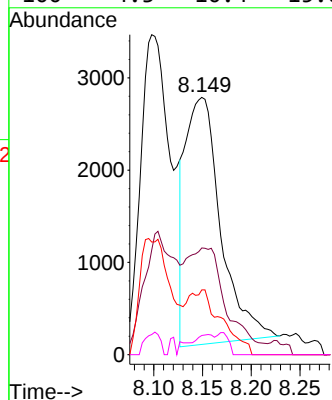
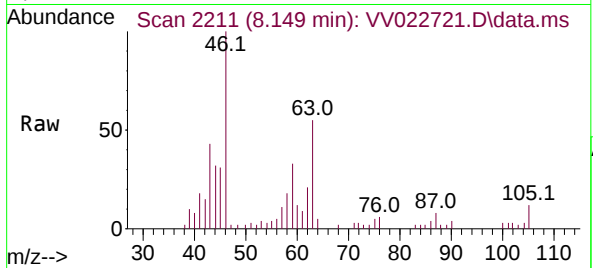




#48
2-Hexanone
Concen: 2.395 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.003 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

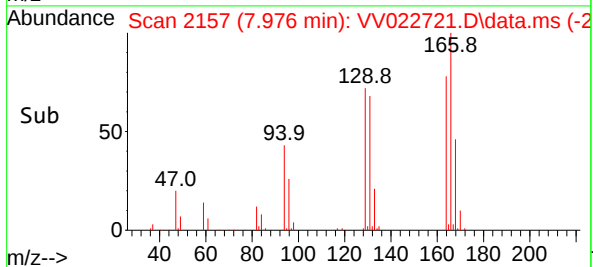
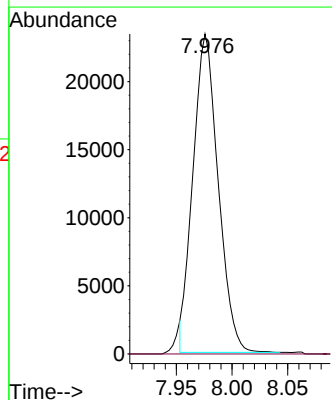
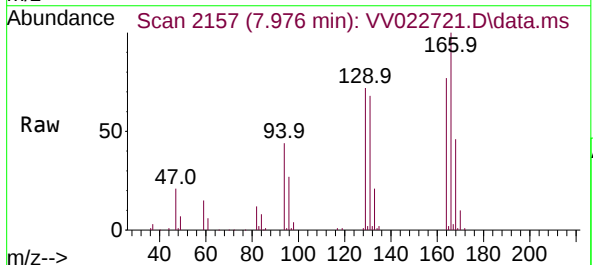
Instrument :
MSVOA_V
ClientSampled :

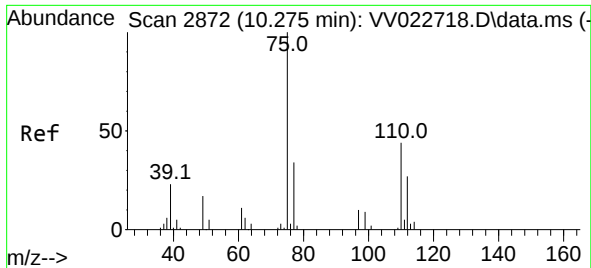
Tgt Ion:	43	Resp:	6758
Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.4	71.0#
57	24.9	15.3	22.9#
100	4.3	10.4	15.6#



#49
Dibromochloromethane
Concen: 5.880 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

Tgt Ion:	129	Resp:	36684
Ion	Ratio	Lower	Upper
129	100		
127	0.0	59.1	109.9#





#61
1,2,3-Trichloropropane
Concen: 1.590 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022721.D
Acq: 11 Oct 2021 11:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 5434
Ion Ratio Lower Upper
75 100
77 36.2 25.4 38.2
110 1.3 34.2 51.4#

