

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026757.D
 Acq On : 13 Jul 2022 16:45
 Operator : SY/MD
 Sample : N3598-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

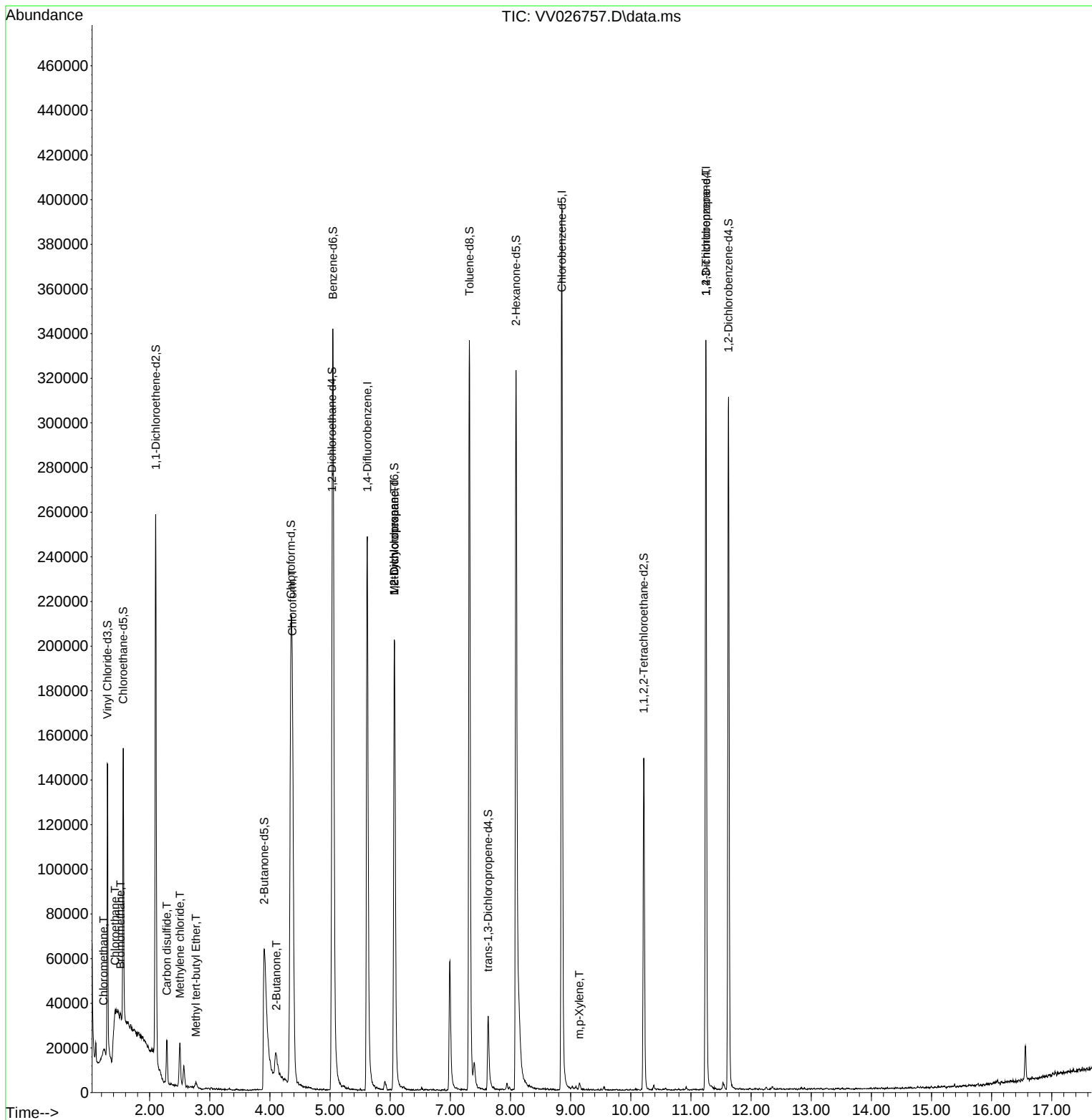
Quant Time: Jul 13 23:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

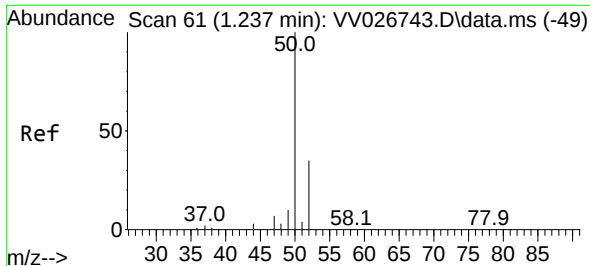
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	216408	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	222283	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86575	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	86677	4.390	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.561	69	79538	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.101	63	128799	3.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.905	46	140937	45.739	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.480%
24) Chloroform-d	4.349	84	177017	5.128	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.034	65	81054	5.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.050	84	315753	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.069	67	103898	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.317	98	232784	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.628	79	21404	3.230	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.091	63	125425	43.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	73520	4.660	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	79951	5.300	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1386	0.052	ug/L	100
6) Bromomethane	1.516	94	1145	0.071	ug/L	84
8) Chloroethane	1.426	64	30642	1.935	ug/L #	49
14) Carbon disulfide	2.285	76	22532	0.403	ug/L	100
16) Methylene chloride	2.503	84	8497	0.376	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	2051	0.063	ug/L #	78
21) 2-Butanone	4.108	43	23948	7.921	ug/L #	47
25) Chloroform	4.375	83	144287	4.326	ug/L	99
35) Methylcyclohexane	6.069	83	24742	0.888	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	11218	0.631	ug/L #	87
53) m,p-Xylene	9.143	106	1169	0.040	ug/L	76
61) 1,2,3-Trichloropropane	11.249	75	10443	1.308	ug/L #	66

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

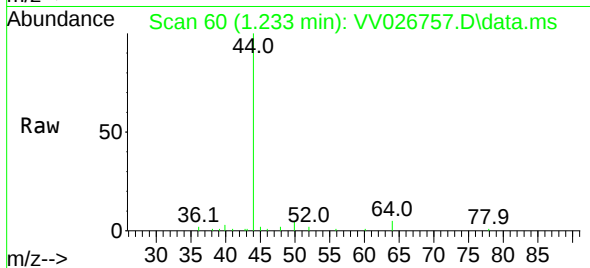
Quant Time: Jul 13 23:04:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
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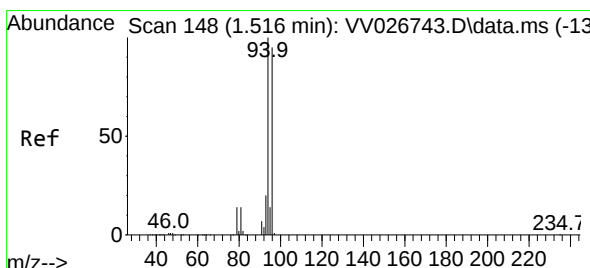
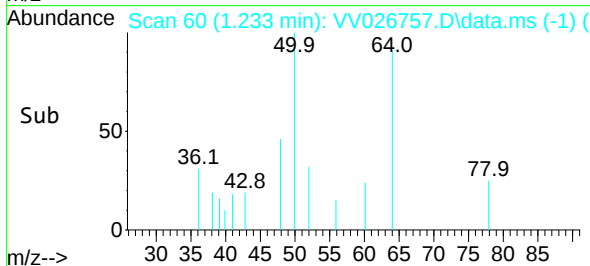
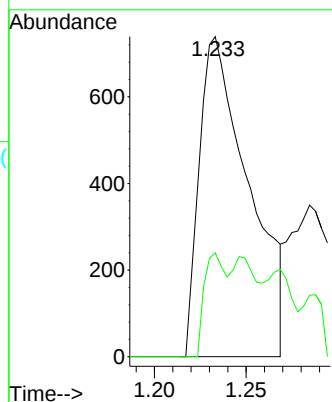


#3
Chloromethane
Concen: 0.052 ug/L
RT: 1.233 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

Instrument :
MSVOA_V
ClientSampleId :

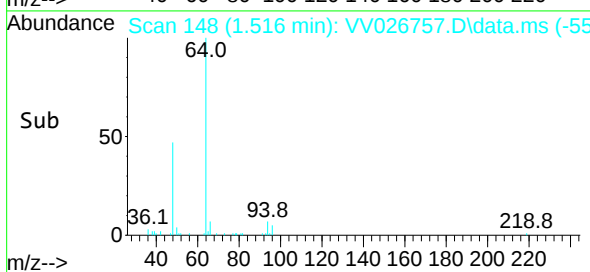
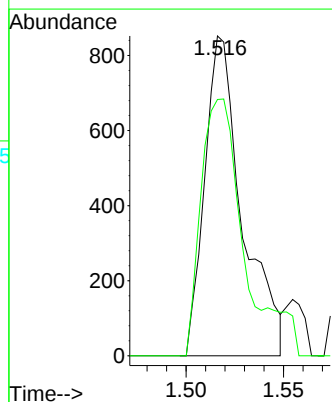
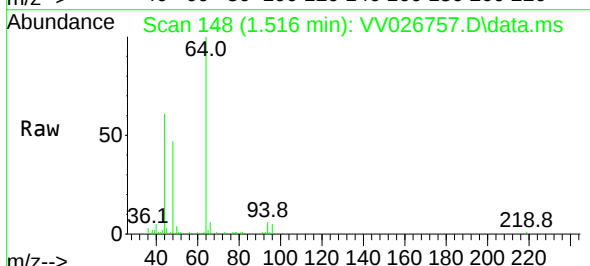


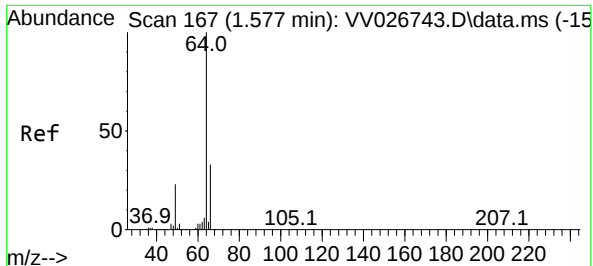
Tgt Ion: 50 Resp: 1386
Ion Ratio Lower Upper
50 100
52 32.5 22.8 42.4



#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

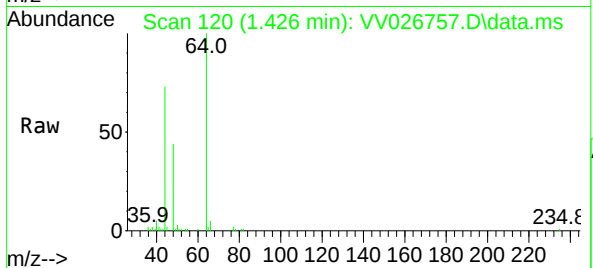
Tgt Ion: 94 Resp: 1145
Ion Ratio Lower Upper
94 100
96 80.2 67.1 124.7



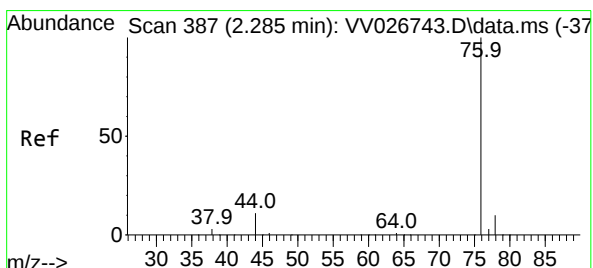
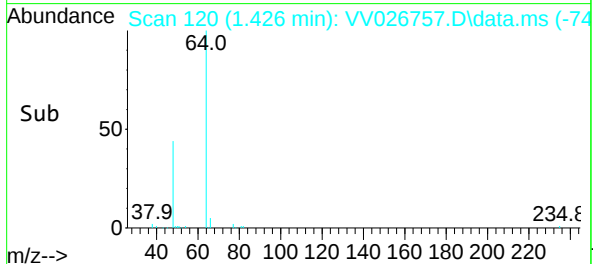
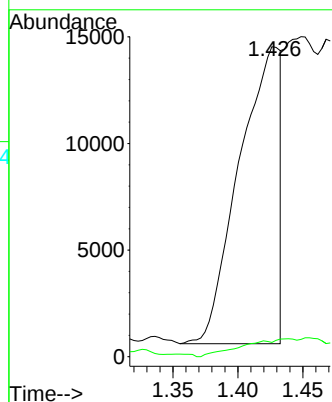


#8
Chloroethane
Concen: 1.935 ug/L
RT: 1.426 min Scan# 11
Delta R.T. -0.151 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

Instrument :
MSVOA_V
ClientSampleId :

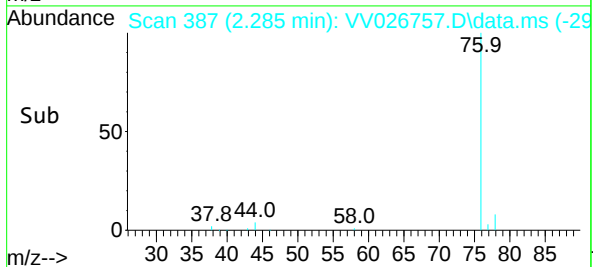
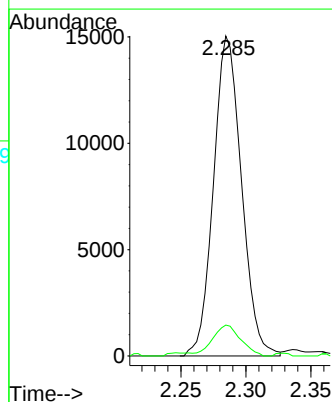
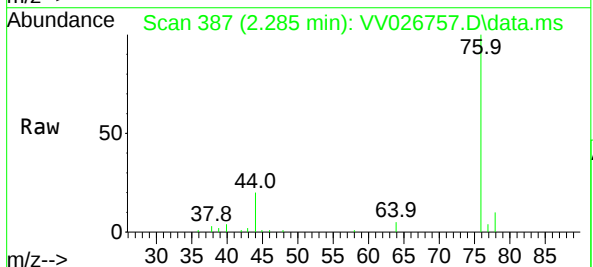


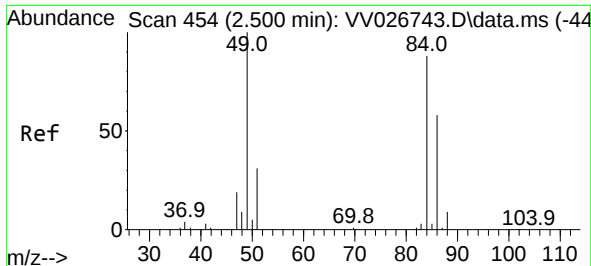
Tgt Ion: 64 Resp: 30642
Ion Ratio Lower Upper
64 100
66 4.6 23.9 44.5#



#14
Carbon disulfide
Concen: 0.403 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.000 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

Tgt Ion: 76 Resp: 22532
Ion Ratio Lower Upper
76 100
78 9.6 7.7 11.5

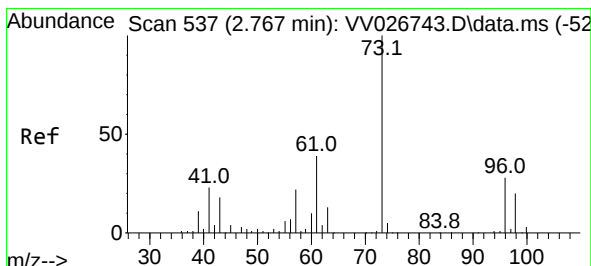
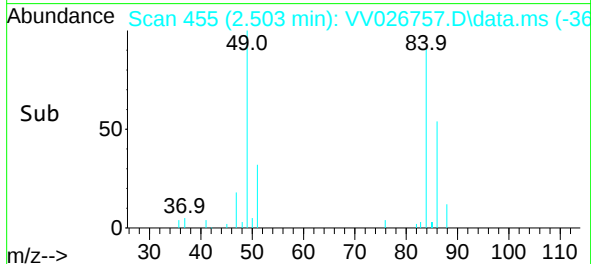
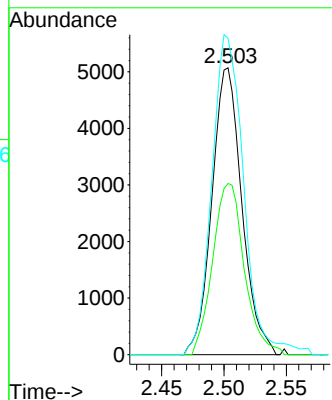
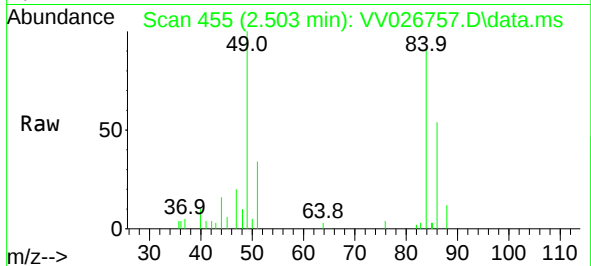




#16
Methylene chloride
Concen: 0.376 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

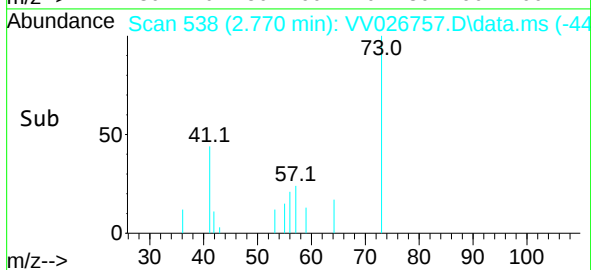
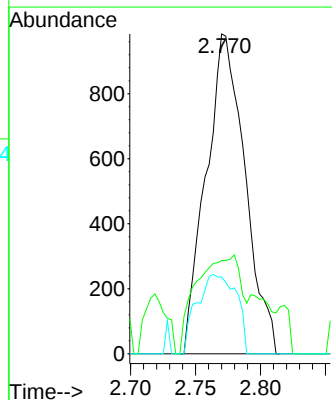
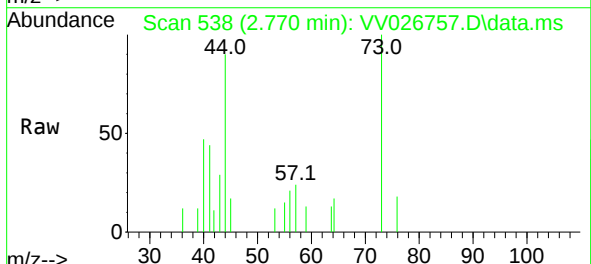
Instrument :
MSVOA_V
ClientSampleId :

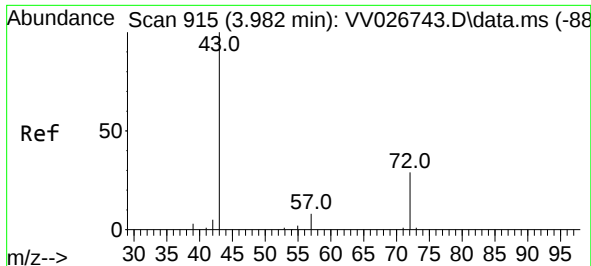
Tgt Ion: 84 Resp: 8497
Ion Ratio Lower Upper
84 100
86 59.7 44.8 83.2
49 110.3 78.7 146.1



#17
Methyl tert-butyl Ether
Concen: 0.063 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

Tgt Ion: 73 Resp: 2051
Ion Ratio Lower Upper
73 100
43 35.6 14.0 21.0#
57 25.0 17.6 26.4

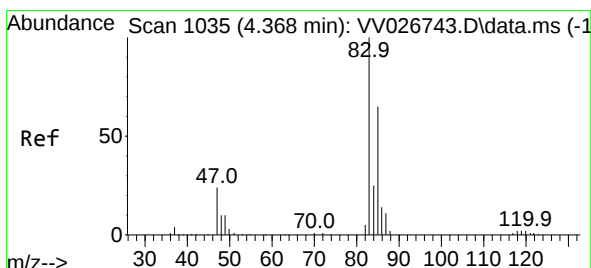
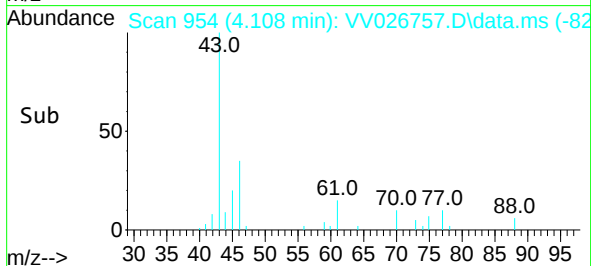
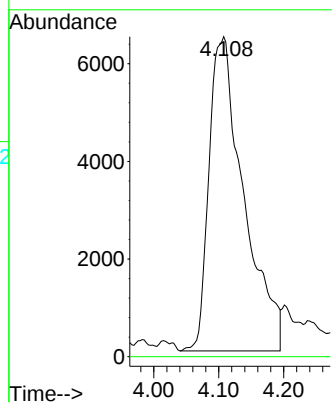
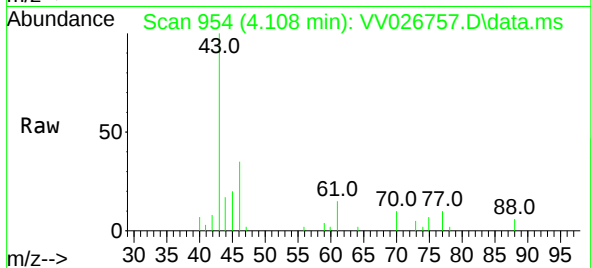




#21
2-Butanone
Concen: 7.921 ug/L
RT: 4.108 min Scan# 915
Delta R.T. 0.125 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

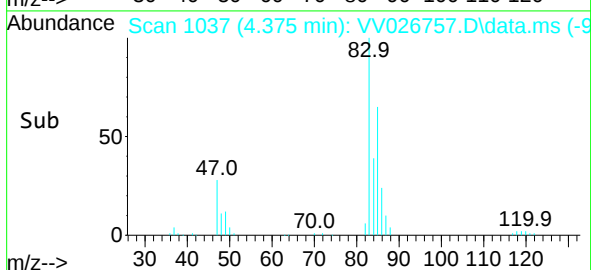
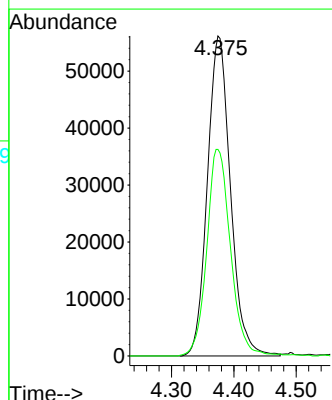
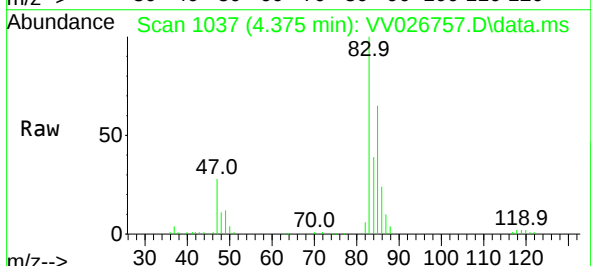
Instrument :
MSVOA_V
ClientSampleId :

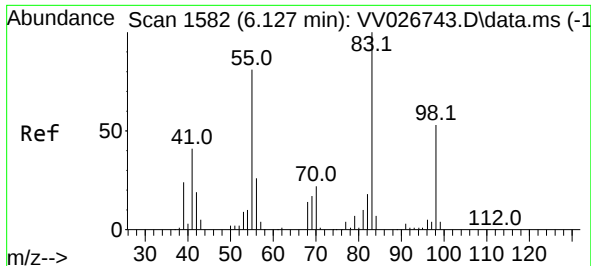
Tgt Ion: 43 Resp: 23948
Ion Ratio Lower Upper
43 100
72 0.0 13.9 41.7#



#25
Chloroform
Concen: 4.326 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

Tgt Ion: 83 Resp: 144287
Ion Ratio Lower Upper
83 100
85 64.5 45.7 84.9

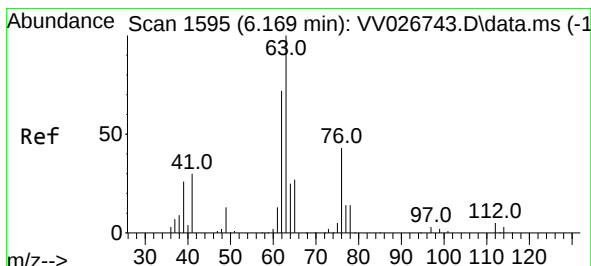
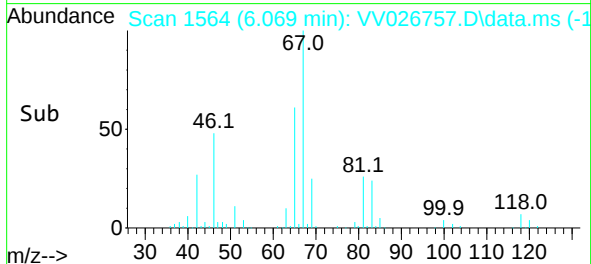
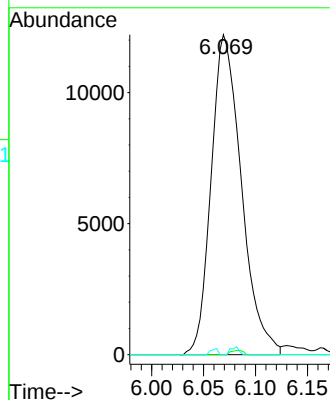
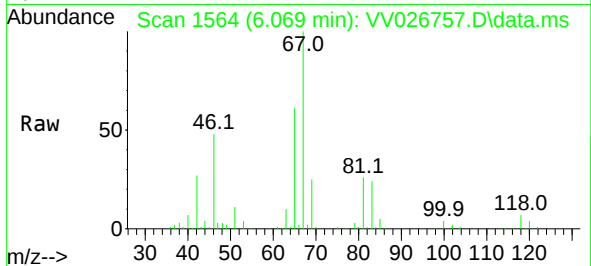




#35
Methylcyclohexane
Concen: 0.888 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

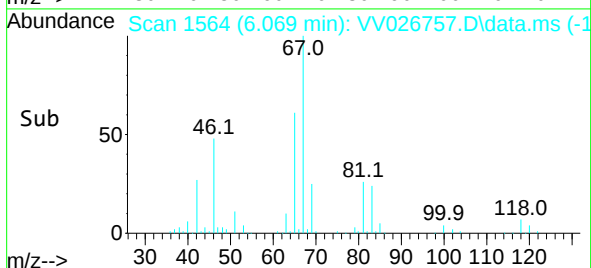
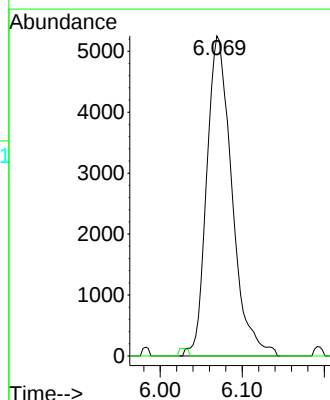
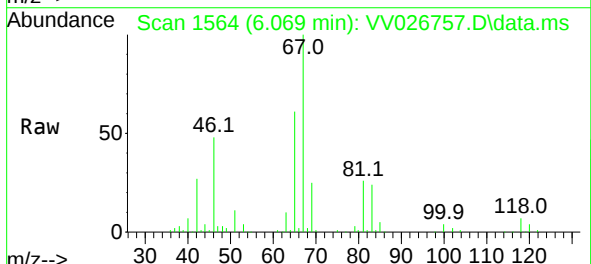
Instrument :
MSVOA_V
ClientSampleId :

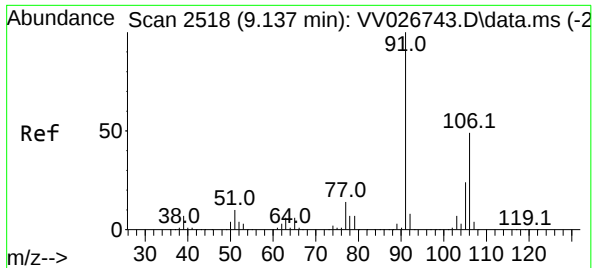
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.4	38.3	57.5#



#37
1,2-Dichloropropane
Concen: 0.631 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.8	4.2	6.2#

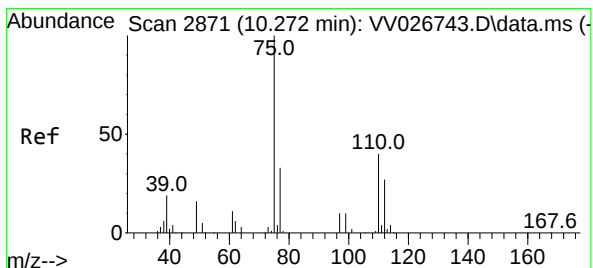
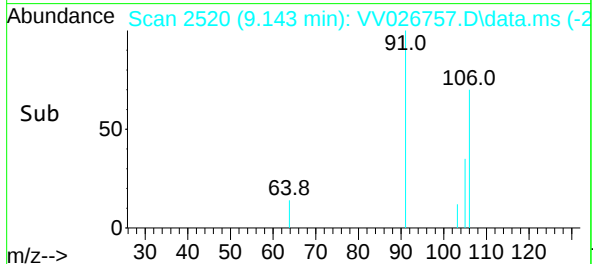
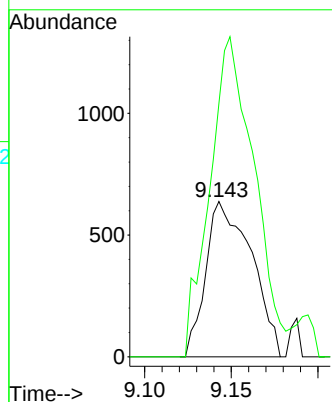
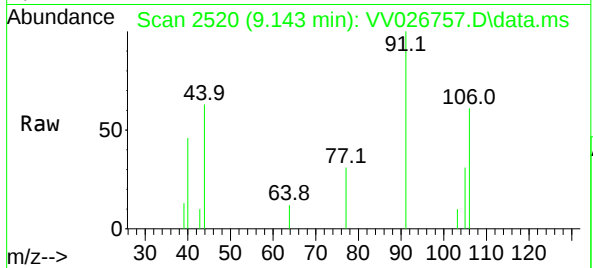




#53
m,p-Xylene
Concen: 0.040 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1169
Ion Ratio Lower Upper
106 100
91 163.2 139.3 258.7



#61
1,2,3-Trichloropropane
Concen: 1.308 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026757.D
Acq: 13 Jul 2022 16:45

Tgt Ion: 75 Resp: 10443
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
110 2.6 31.8 47.6#

