

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031057.D
 Acq On : 16 May 2023 16:50
 Operator : SY/MD
 Sample : 02768-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:45:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

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

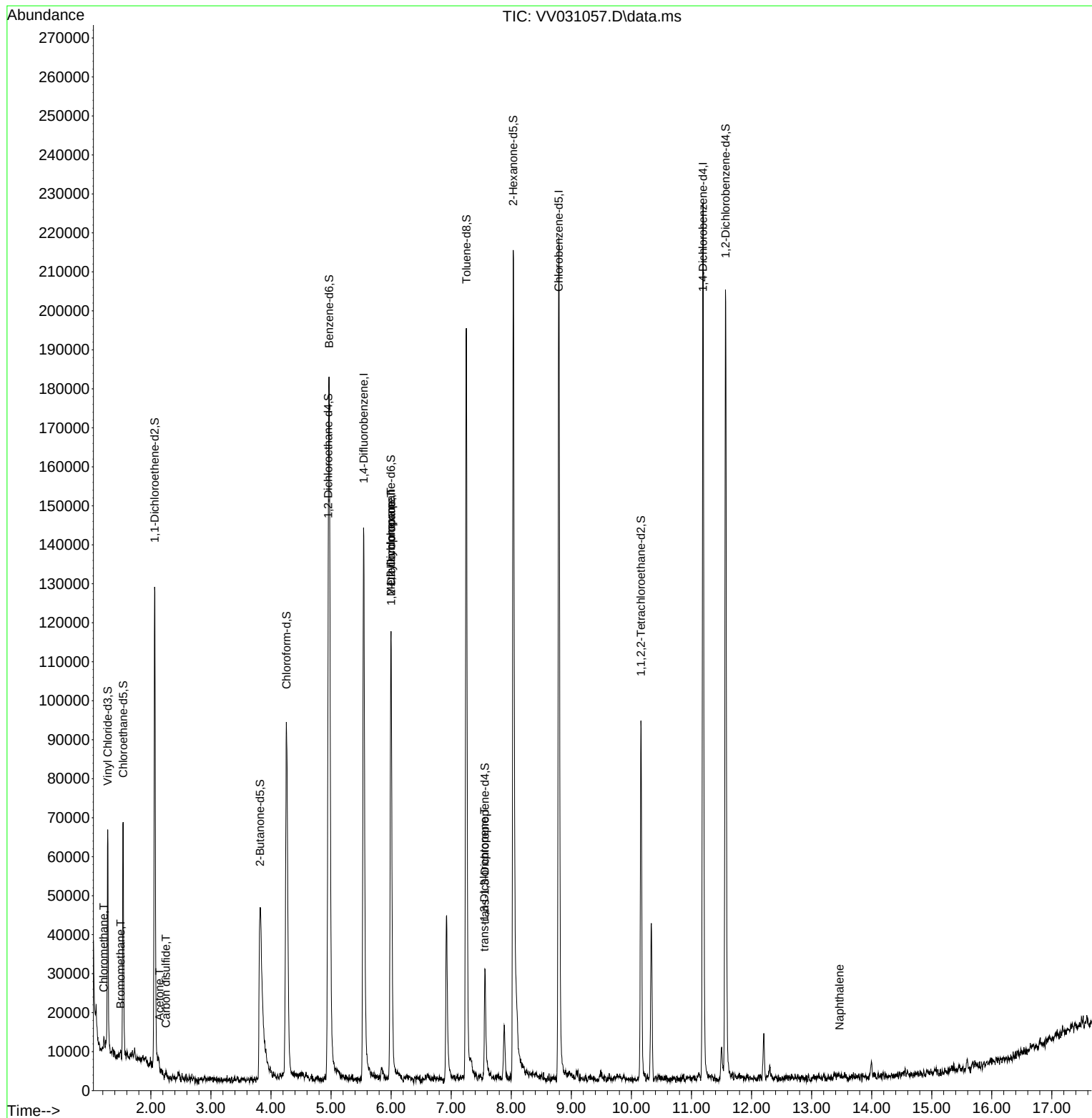
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	120443	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	119314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	63011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	36482	3.676	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.539	69	37862	4.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.063	65	21076	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	3.818	46	100851	57.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.620%
24) Chloroform-d	4.259	84	92949	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.953	65	53729	5.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	4.970	84	155710	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	5.998	67	48032	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.252	98	129026	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.561	79	15803	4.145	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.034	63	73439	54.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.980%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	38996	5.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	53911	4.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1721	0.154	ug/L #	82
6) Bromomethane	1.494	94	722	0.162	ug/L	83
13) Acetone	2.143	43	3342	2.223	ug/L	83
14) Carbon disulfide	2.249	76	2070	0.098	ug/L #	94
35) Methylcyclohexane	5.995	83	12562	1.013	ug/L #	18
37) 1,2-Dichloropropane	6.002	63	6943	0.975	ug/L #	87
44) trans-1,3-Dichloropropene	7.555	75	857	0.094	ug/L	98
71) Naphthalene	13.464	128	1073	0.070	ug/L #	75

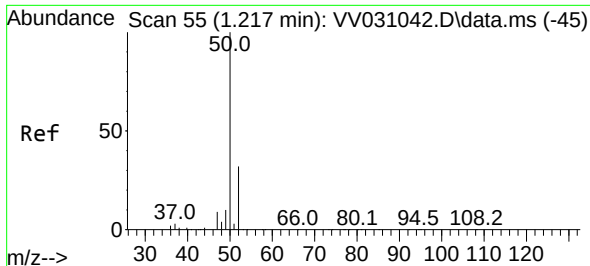
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

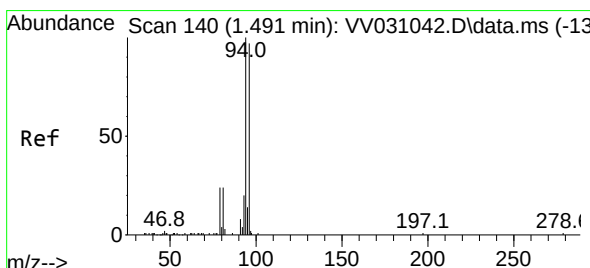
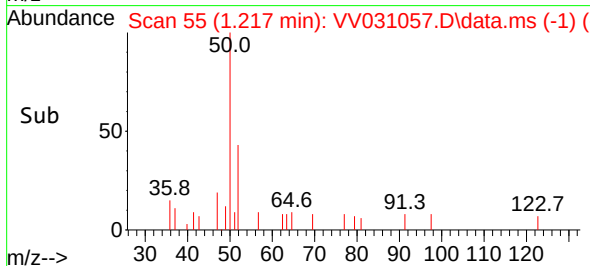
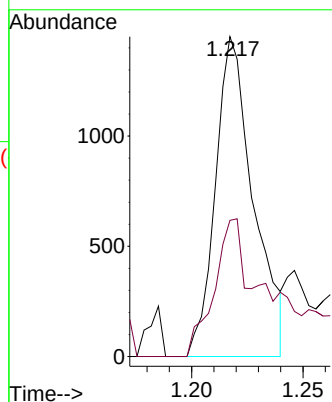
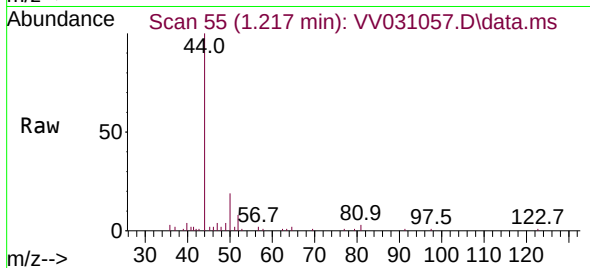




#3
Chloromethane
Concen: 0.154 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031057.D
Acq: 16 May 2023 16:50

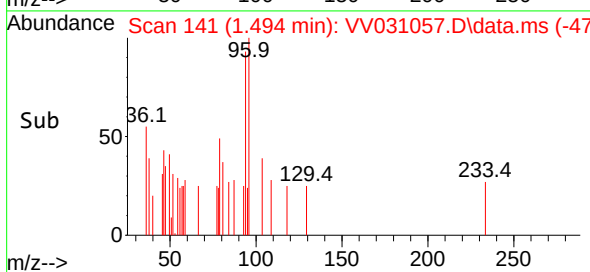
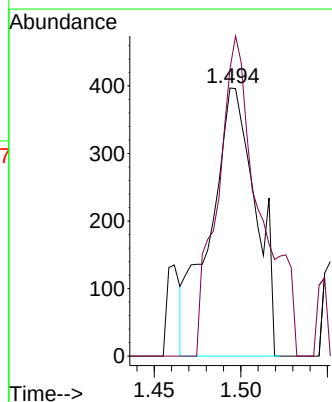
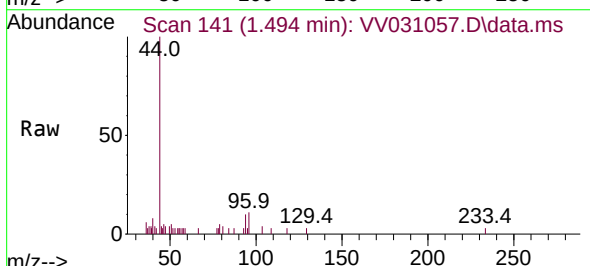
Instrument :
MSVOA_V
ClientSampleId :

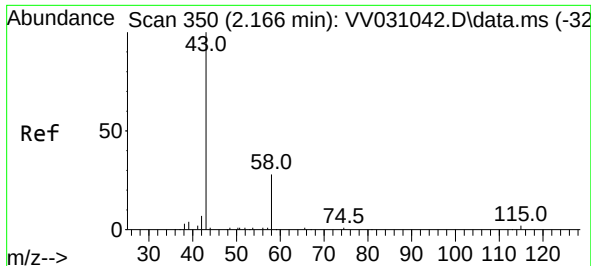
Tgt Ion: 50 Resp: 1721
Ion Ratio Lower Upper
50 100
52 42.6 22.8 42.4#



#6
Bromomethane
Concen: 0.162 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031057.D
Acq: 16 May 2023 16:50

Tgt Ion: 94 Resp: 722
Ion Ratio Lower Upper
94 100
96 107.1 63.4 117.8





#13

Acetone

Concen: 2.223 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.023 min

Lab File: VV031057.D

Acq: 16 May 2023 16:50

Instrument :

MSVOA_V

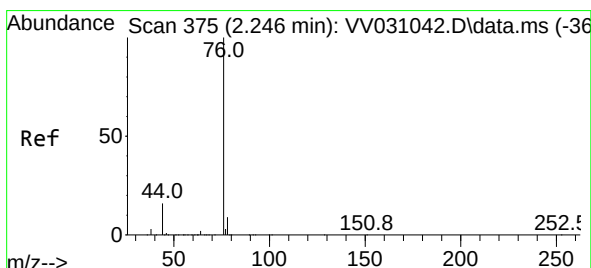
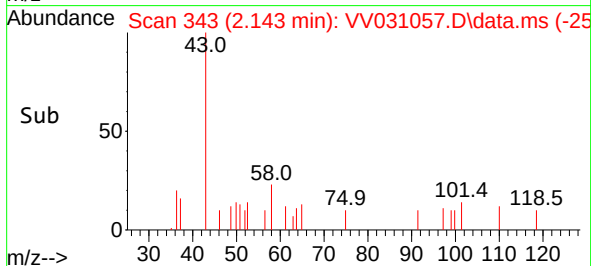
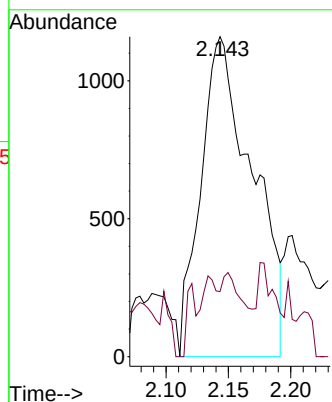
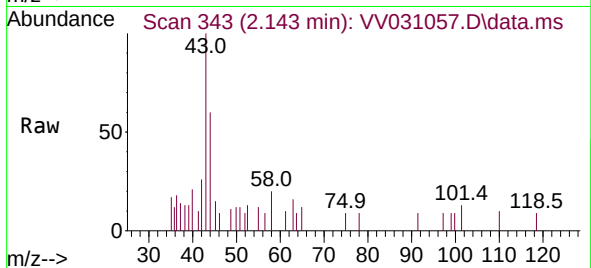
ClientSampleId :

Tgt Ion: 43 Resp: 3342

Ion Ratio Lower Upper

43 100

58 10.7 0.0 37.0



#14

Carbon disulfide

Concen: 0.098 ug/L

RT: 2.249 min Scan# 376

Delta R.T. 0.003 min

Lab File: VV031057.D

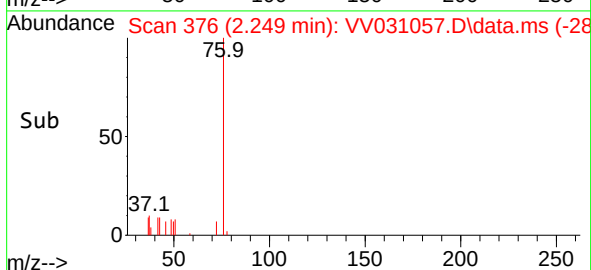
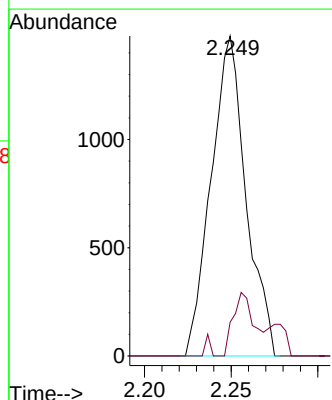
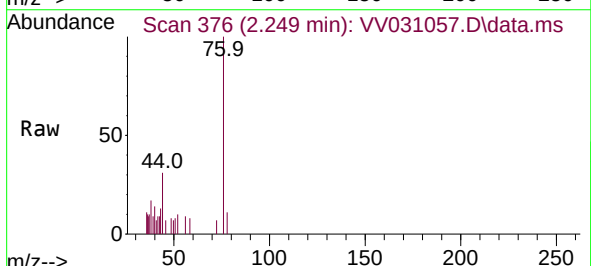
Acq: 16 May 2023 16:50

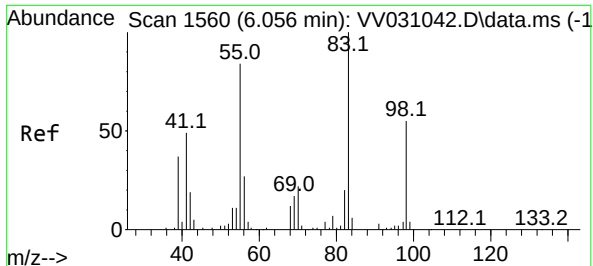
Tgt Ion: 76 Resp: 2070

Ion Ratio Lower Upper

76 100

78 10.6 6.8 10.2#





#35

Methylcyclohexane

Concen: 1.013 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV031057.D

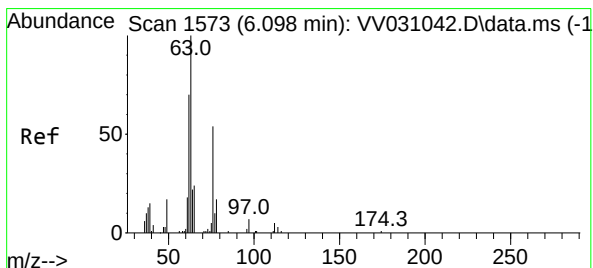
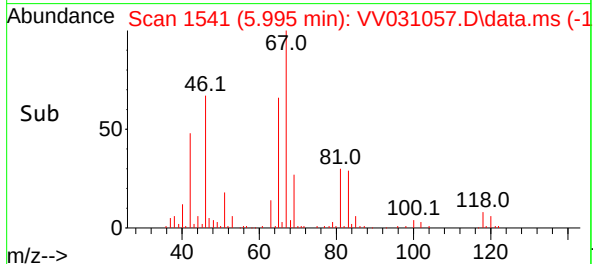
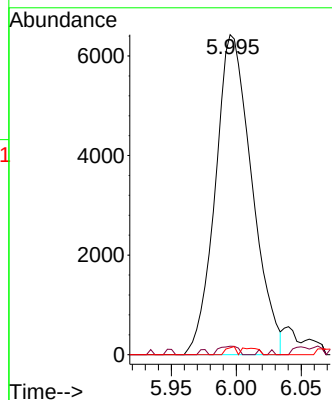
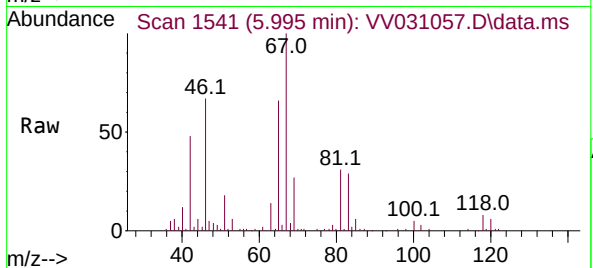
Acq: 16 May 2023 16:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	12562
Ion	Ratio	Lower	Upper
83	100		
55	1.4	62.9	94.3#
98	0.6	40.5	60.7#



#37

1,2-Dichloropropane

Concen: 0.975 ug/L

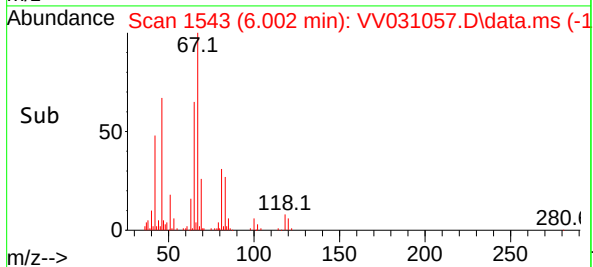
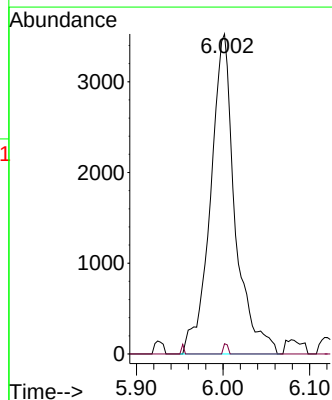
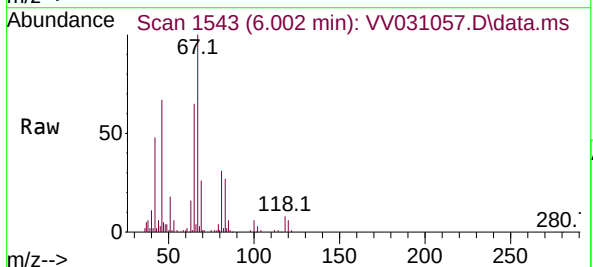
RT: 6.002 min Scan# 1543

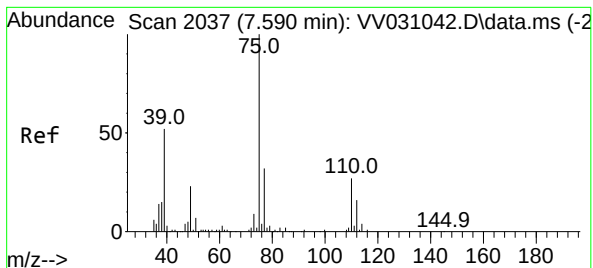
Delta R.T. -0.097 min

Lab File: VV031057.D

Acq: 16 May 2023 16:50

Tgt Ion:	63	Resp:	6943
Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.8#





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.555 min Scan# 2037

Delta R.T. -0.035 min

Lab File: VV031057.D

Acq: 16 May 2023 16:50

Instrument :

MSVOA_V

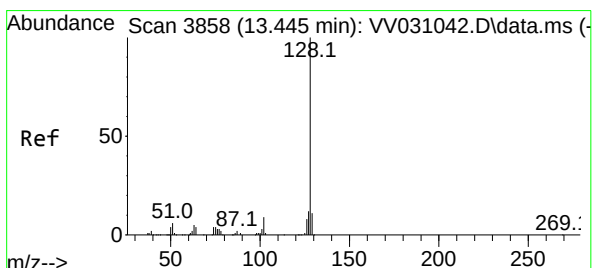
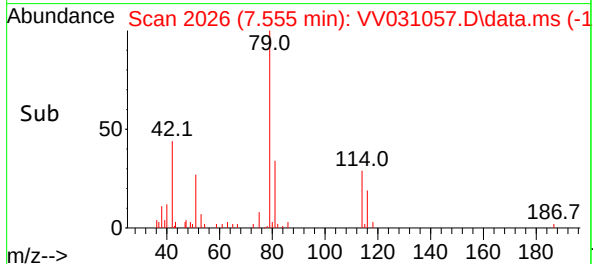
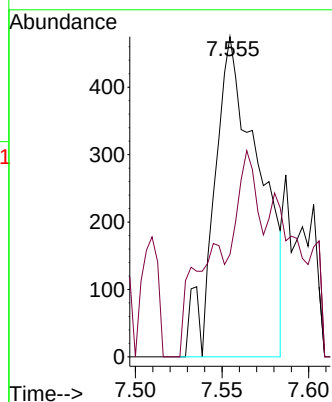
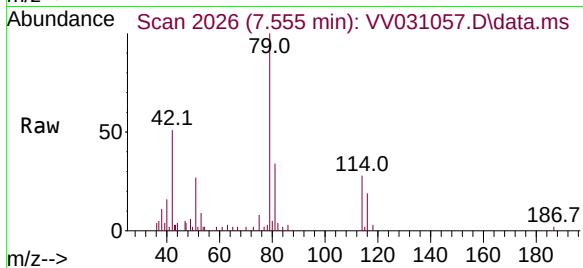
ClientSampleId :

Tgt Ion: 75 Resp: 857

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.0



#71

Naphthalene

Concen: 0.070 ug/L

RT: 13.464 min Scan# 3864

Delta R.T. 0.019 min

Lab File: VV031057.D

Acq: 16 May 2023 16:50

Tgt Ion: 128 Resp: 1073

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 4.5 10.6 16.0#

