

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020624\
 Data File : VV034010.D
 Acq On : 06 Feb 2024 15:07
 Operator : SY/MD
 Sample : P1289-18DL 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:41:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

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

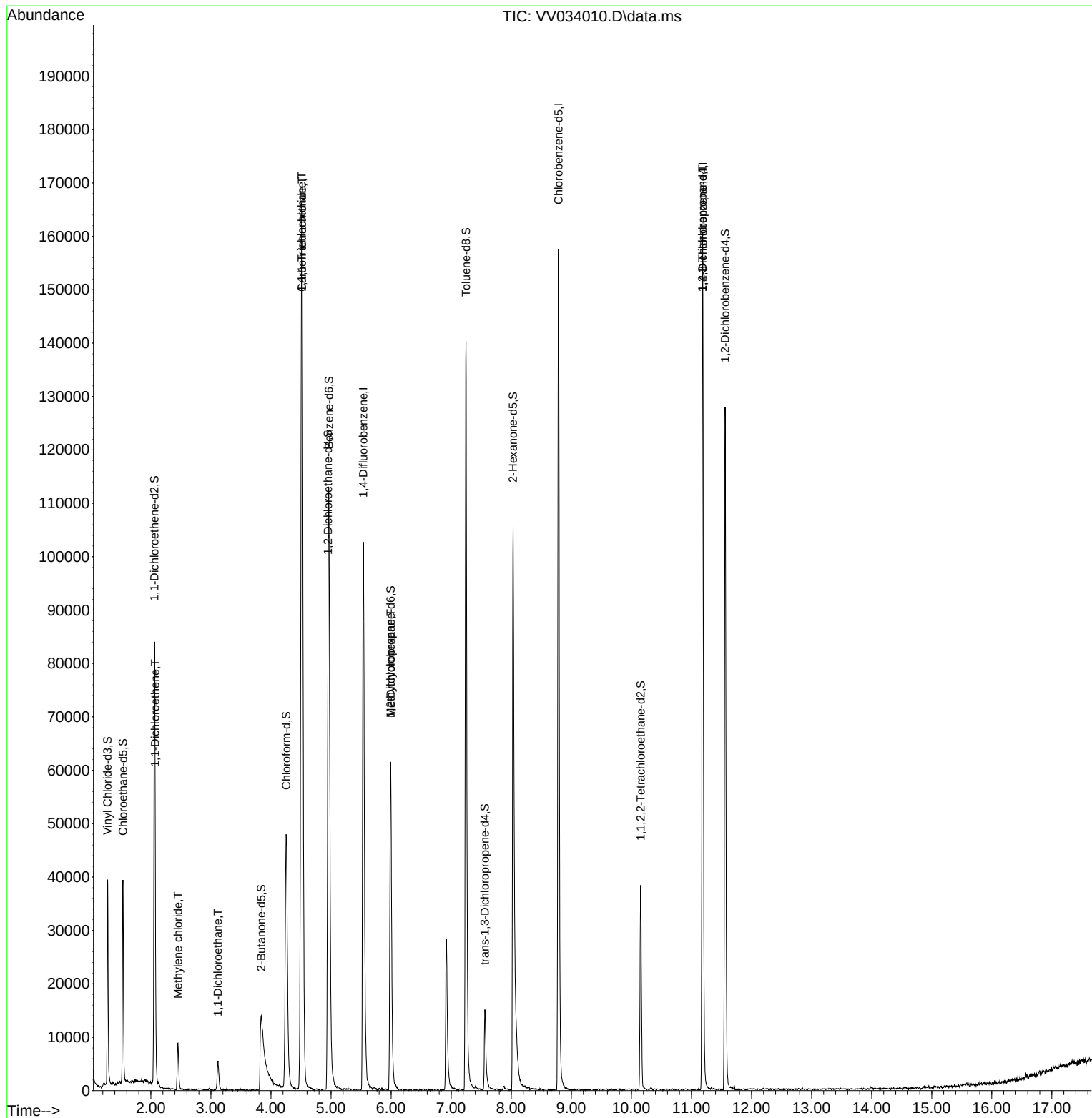
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	92139	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	84706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25325	3.549	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.000%
7) Chloroethane-d5	1.535	69	23931	3.829	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.060	65	12940	3.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.838	46	45264	37.768	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.540%
24) Chloroform-d	4.252	84	52986	4.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	4.950	65	25605	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
32) Benzene-d6	4.963	84	103225	4.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	5.992	67	29149	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.246	98	94261	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.561	79	10575	3.942	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.030	63	43092	45.001	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.000%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18324	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	33357	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.072	96	3961	0.615	ug/L #	1
16) Methylene chloride	2.452	84	3673	0.595	ug/L	93
19) 1,1-Dichloroethane	3.117	63	5759	0.478	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	139981	12.309	ug/L	99
31) Carbon tetrachloride	4.516	117	16727	1.681	ug/L	96
35) Methylcyclohexane	5.992	83	7156	0.620	ug/L #	17
61) 1,2,3-Trichloropropane	11.185	75	5243	1.809	ug/L #	63

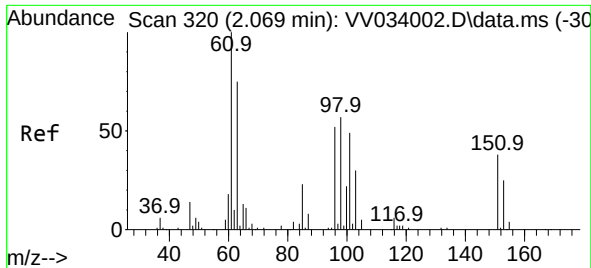
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 07 00:49:42 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.615 ug/L

RT: 2.072 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034010.D

Acq: 06 Feb 2024 15:07

Instrument :

MSVOA_V

ClientSampleId :

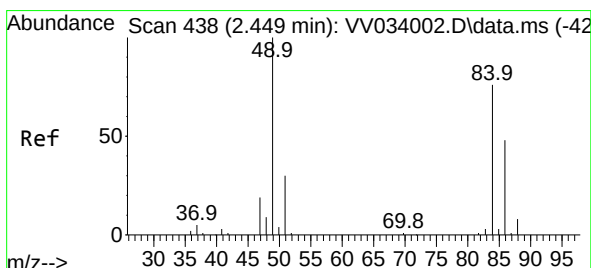
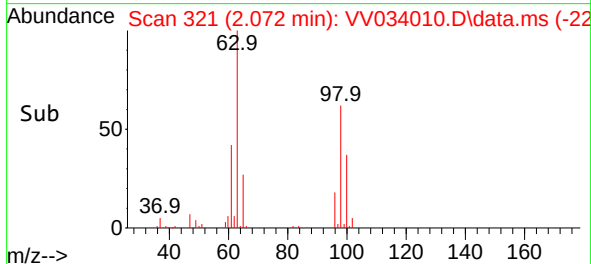
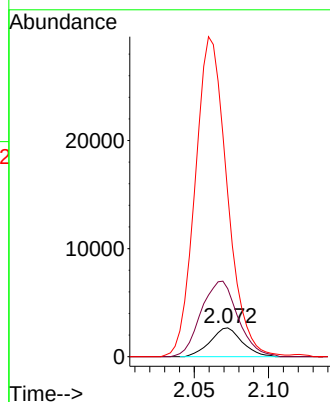
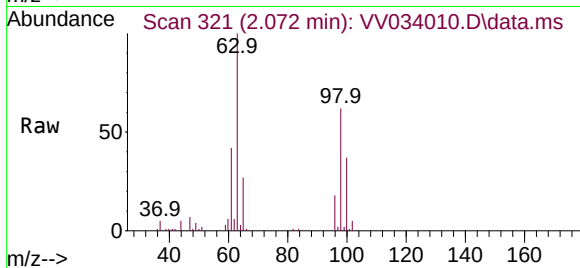
Tgt Ion: 96 Resp: 3961

Ion Ratio Lower Upper

96 100

61 235.3 128.8 239.2

63 564.6 97.9 181.9#



#16

Methylene chloride

Concen: 0.595 ug/L

RT: 2.452 min Scan# 439

Delta R.T. 0.003 min

Lab File: VV034010.D

Acq: 06 Feb 2024 15:07

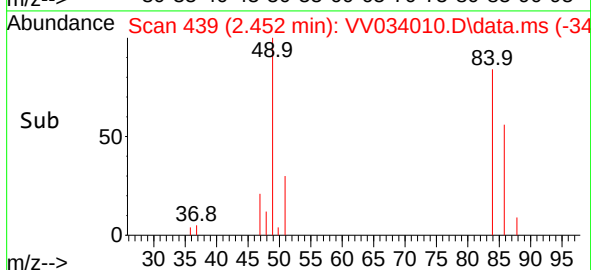
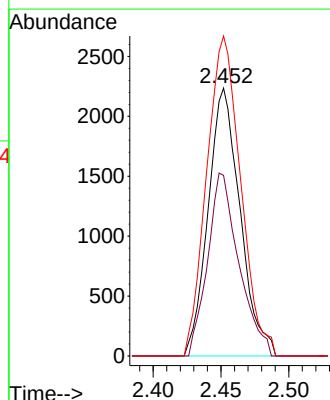
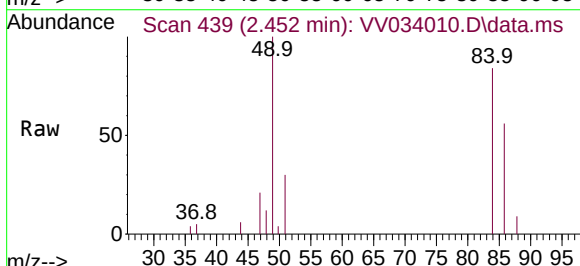
Tgt Ion: 84 Resp: 3673

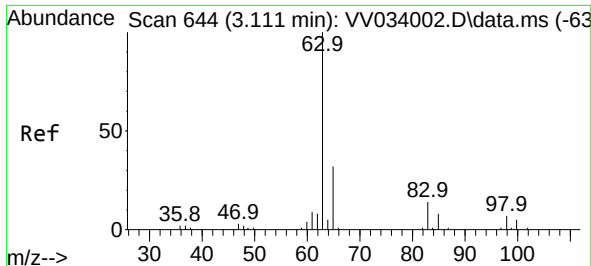
Ion Ratio Lower Upper

84 100

86 67.4 44.7 83.1

49 124.6 93.7 173.9





#19

1,1-Dichloroethane

Concen: 0.478 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034010.D

Acq: 06 Feb 2024 15:07

Instrument :

MSVOA_V

ClientSampleId :

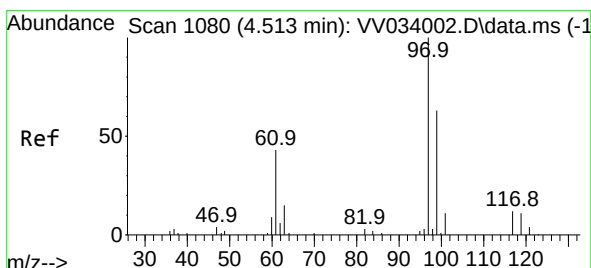
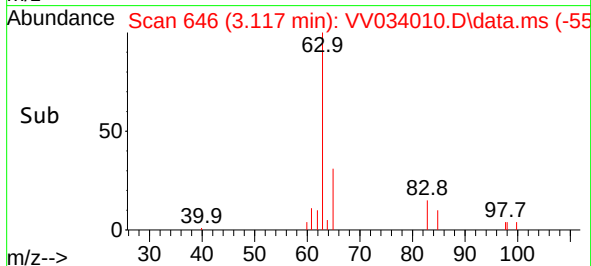
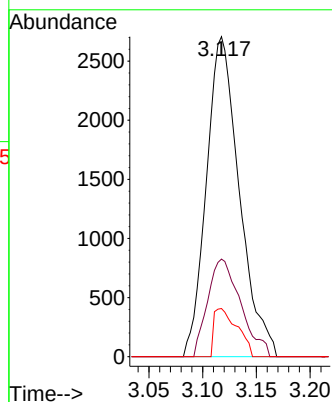
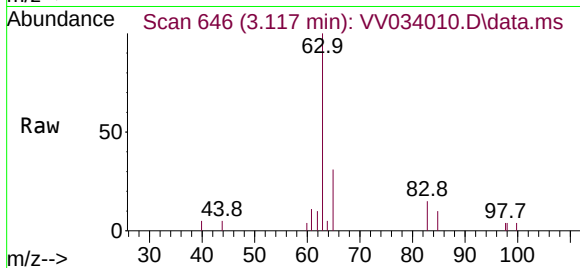
Tgt Ion: 63 Resp: 5759

Ion Ratio Lower Upper

63 100

65 29.2 20.8 38.6

83 14.4 9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 12.309 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV034010.D

Acq: 06 Feb 2024 15:07

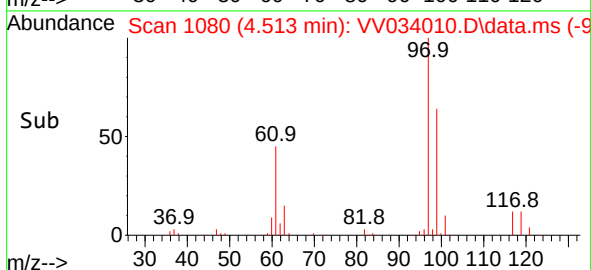
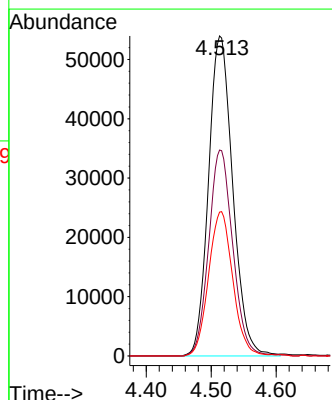
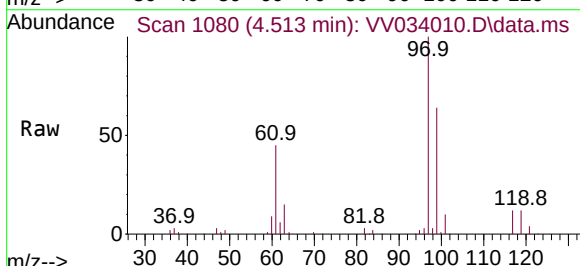
Tgt Ion: 97 Resp: 139981

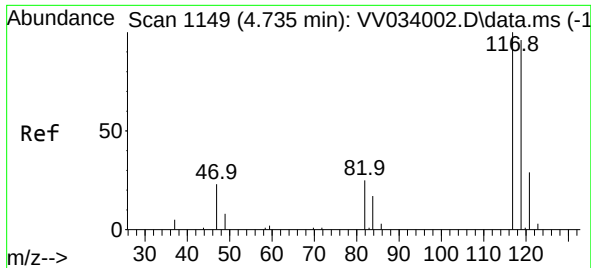
Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 45.0 36.8 55.2

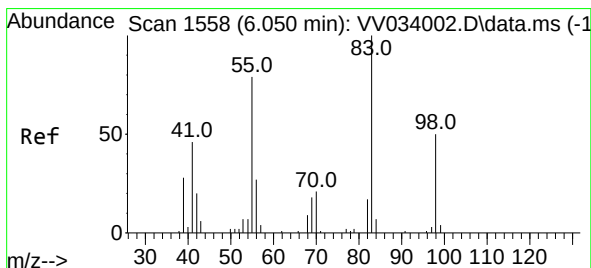
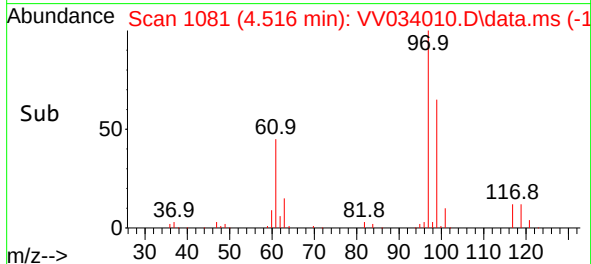
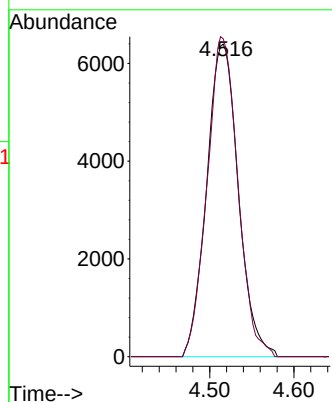
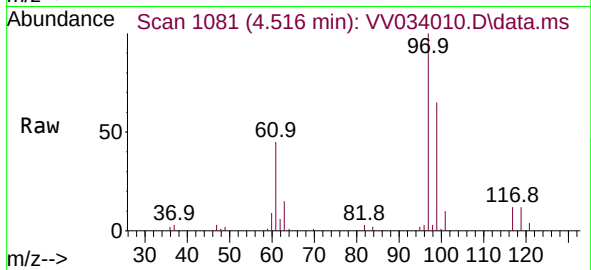




#31
Carbon tetrachloride
Concen: 1.681 ug/L
RT: 4.516 min Scan# 1149
Delta R.T. -0.219 min
Lab File: VV034010.D
Acq: 06 Feb 2024 15:07

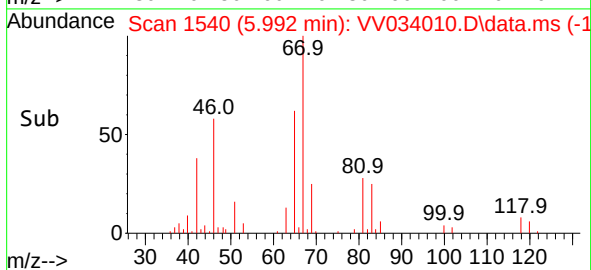
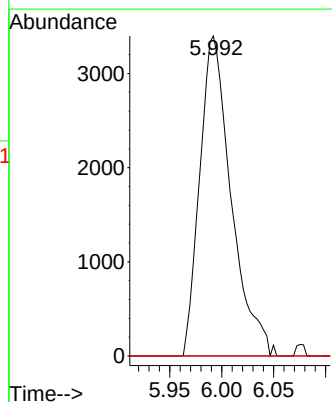
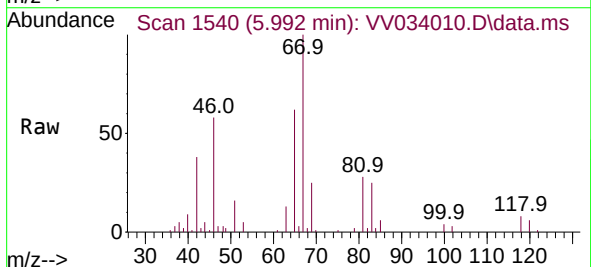
Instrument :
MSVOA_V
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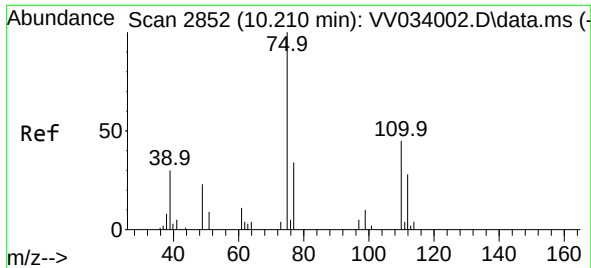
Tgt Ion:117 Resp: 16727
Ion Ratio Lower Upper
117 100
119 99.5 76.1 114.1



#35
Methylcyclohexane
Concen: 0.620 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034010.D
Acq: 06 Feb 2024 15:07

Tgt Ion: 83 Resp: 7156
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.3 39.0 58.4#





#61

1,2,3-Trichloropropane

Concen: 1.809 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.975 min

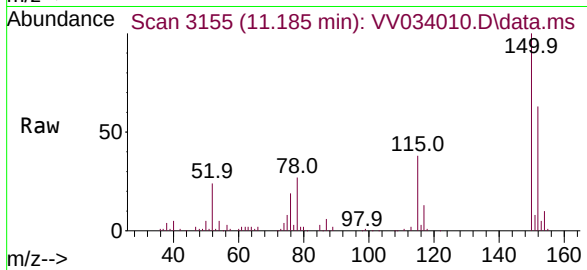
Lab File: VV034010.D

Acq: 06 Feb 2024 15:07

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5243

Ion Ratio Lower Upper

75 100

77 33.7 26.9 40.3

110 0.0 33.3 49.9#

