

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020624\
 Data File : VV034011.D
 Acq On : 06 Feb 2024 15:31
 Operator : SY/MD
 Sample : P1289-12DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:41:26 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)

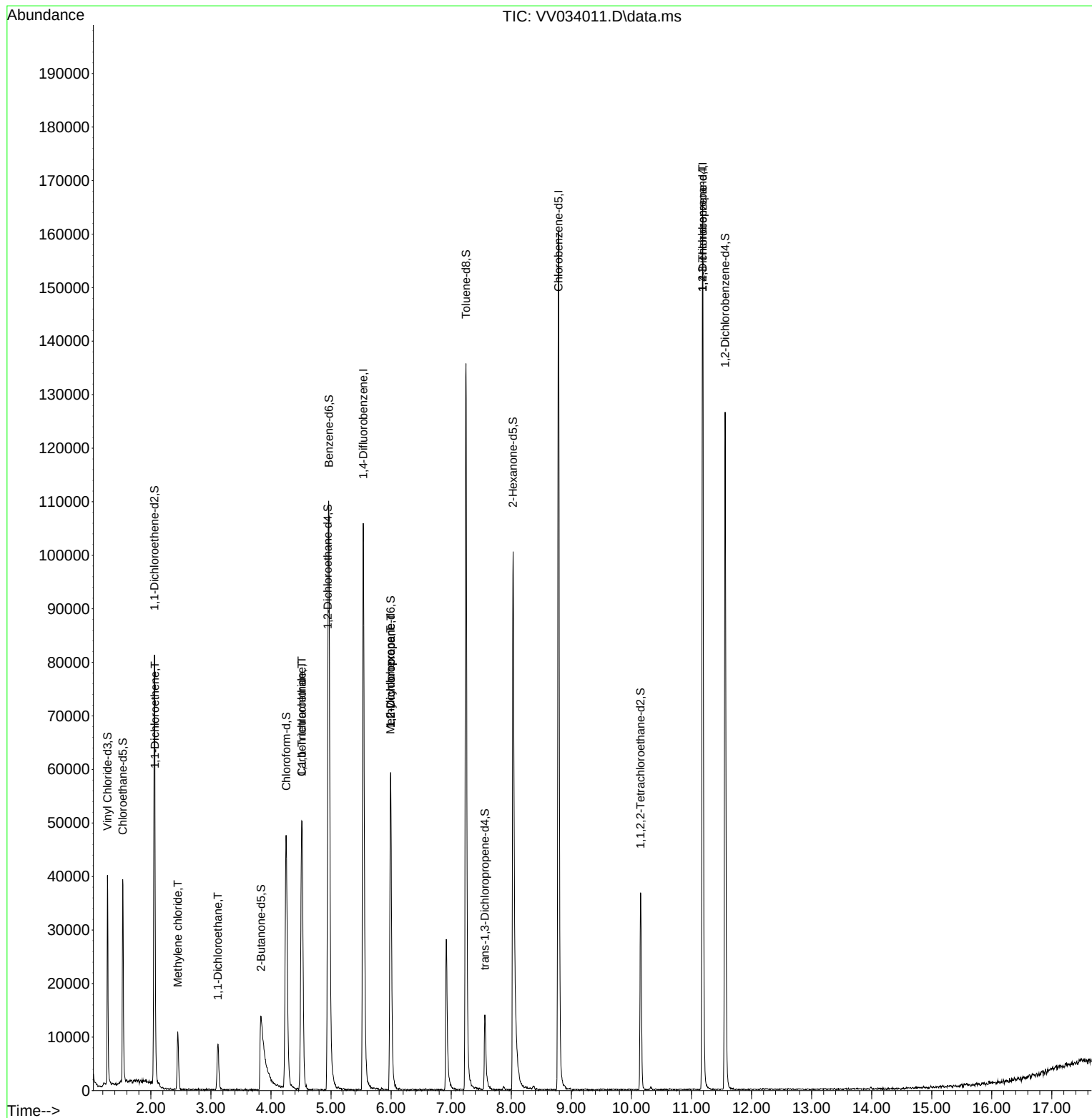
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	93730	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	86727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24879	3.427	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.532	69	23736	3.733	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.060	65	13295	3.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.834	46	44503	36.503	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.000%
24) Chloroform-d	4.252	84	52012	3.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	4.947	65	25277	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
32) Benzene-d6	4.963	84	99403	3.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	5.992	67	28877	3.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.246	98	93021	3.890	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.561	79	10209	3.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.030	63	41461	42.289	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.580%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18328	4.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	32190	4.134	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	1888	0.288	ug/L #	1
16) Methylene chloride	2.449	84	4553	0.725	ug/L	93
19) 1,1-Dichloroethane	3.117	63	9056	0.739	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	43226	3.712	ug/L	98
31) Carbon tetrachloride	4.513	117	4946	0.485	ug/L	92
35) Methylcyclohexane	5.989	83	7138	0.604	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3325	0.528	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	5250	1.784	ug/L #	63

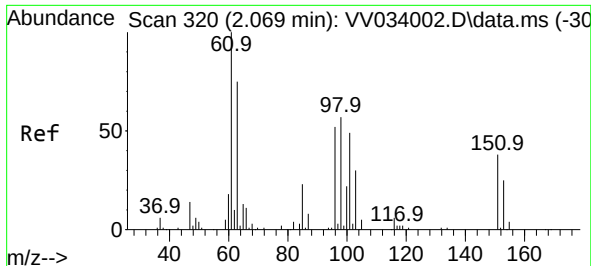
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020624\
Data File : VV034011.D
Acq On : 06 Feb 2024 15:31
Operator : SY/MD
Sample : P1289-12DL 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Feb 07 04:41:26 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





#12

1,1-Dichloroethene

Concen: 0.288 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

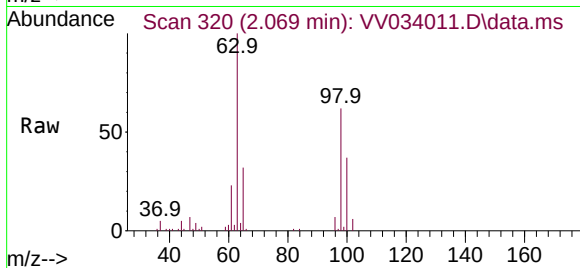
Lab File: VV034011.D

Acq: 06 Feb 2024 15:31

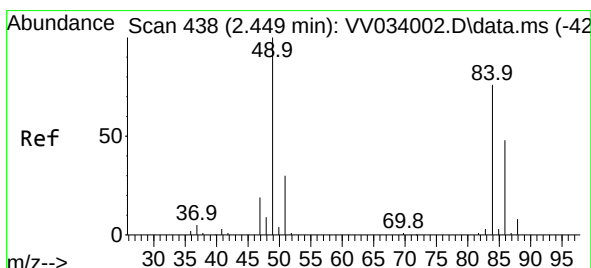
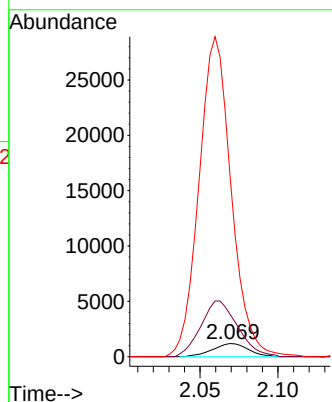
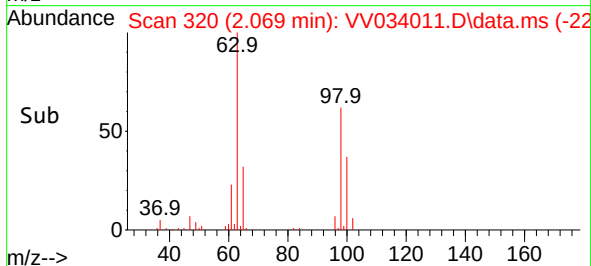
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	1888
Ion	Ratio	Lower	Upper
96	100		
61	323.6	128.8	239.2#
63	1381.8	97.9	181.9#



#16

Methylene chloride

Concen: 0.725 ug/L

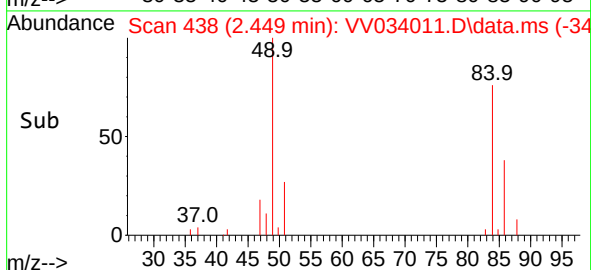
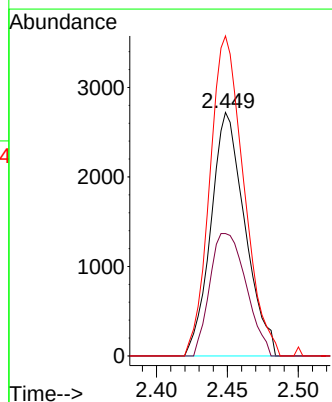
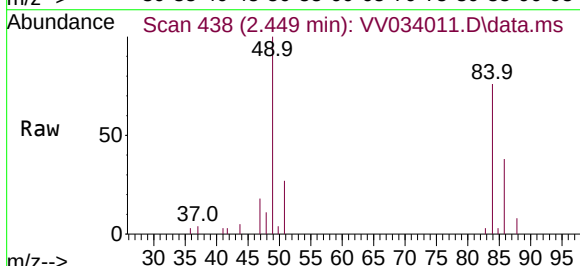
RT: 2.449 min Scan# 438

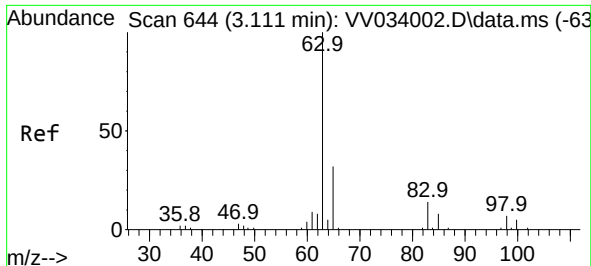
Delta R.T. -0.000 min

Lab File: VV034011.D

Acq: 06 Feb 2024 15:31

Tgt Ion:	84	Resp:	4553
Ion	Ratio	Lower	Upper
84	100		
86	50.3	44.7	83.1
49	136.8	93.7	173.9





#19

1,1-Dichloroethane

Concen: 0.739 ug/L

RT: 3.117 min Scan# 644

Delta R.T. 0.006 min

Lab File: VV034011.D

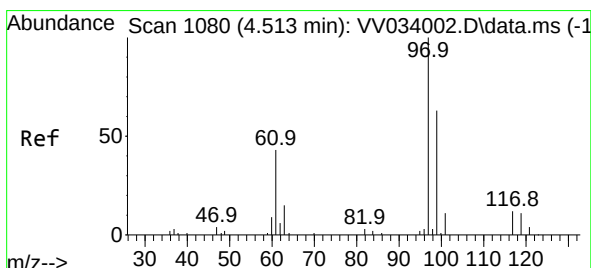
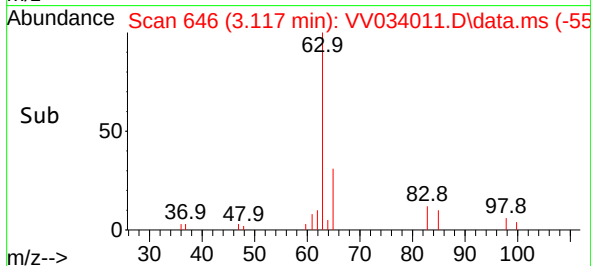
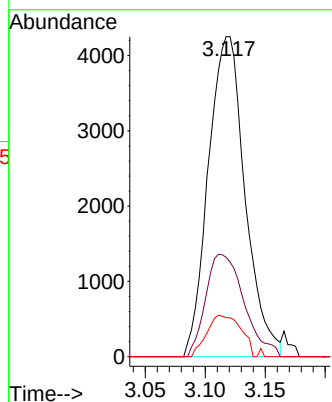
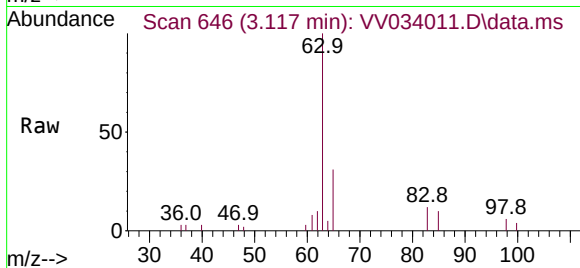
Acq: 06 Feb 2024 15:31

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 9056
Ion Ratio	Lower Upper
63 100	
65 31.1	20.8 38.6
83 12.2	9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 3.712 ug/L

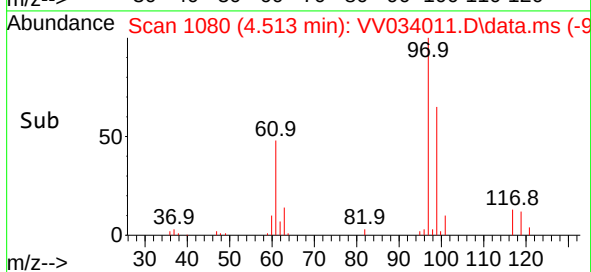
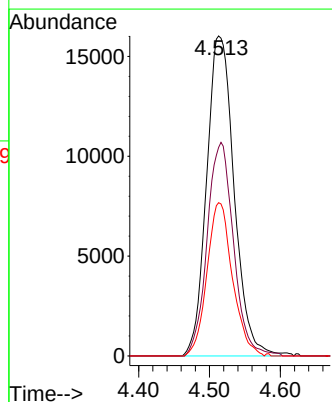
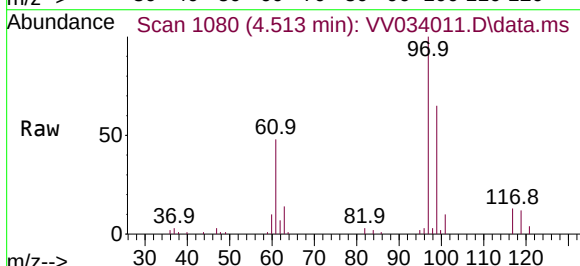
RT: 4.513 min Scan# 1080

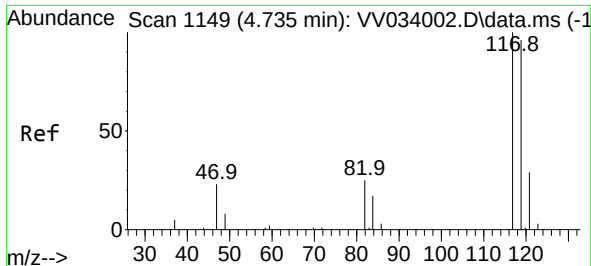
Delta R.T. -0.000 min

Lab File: VV034011.D

Acq: 06 Feb 2024 15:31

Tgt Ion: 97	Resp: 43226
Ion Ratio	Lower Upper
97 100	
99 64.0	50.6 75.8
61 44.4	36.8 55.2

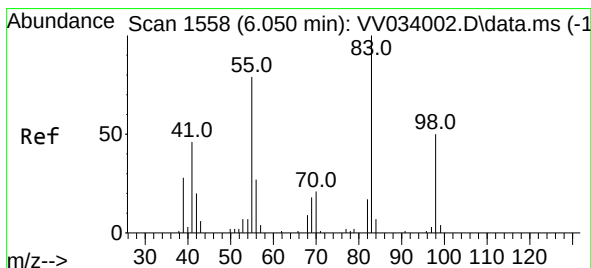
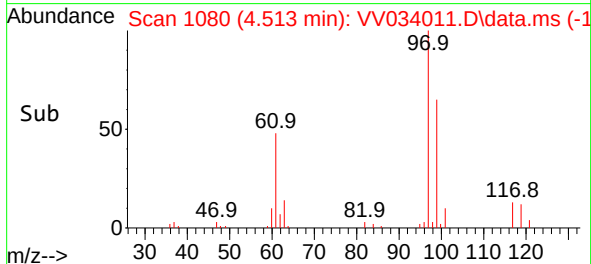
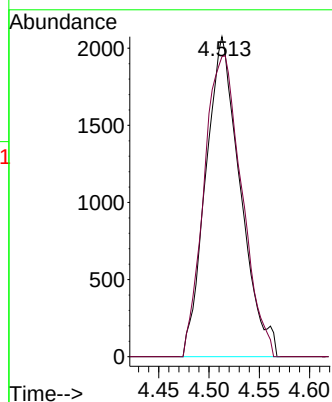
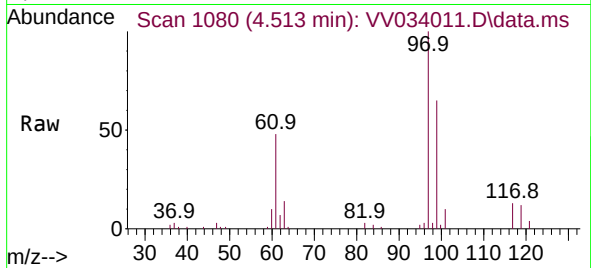




#31
Carbon tetrachloride
Concen: 0.485 ug/L
RT: 4.513 min Scan# 1149
Delta R.T. -0.222 min
Lab File: VV034011.D
Acq: 06 Feb 2024 15:31

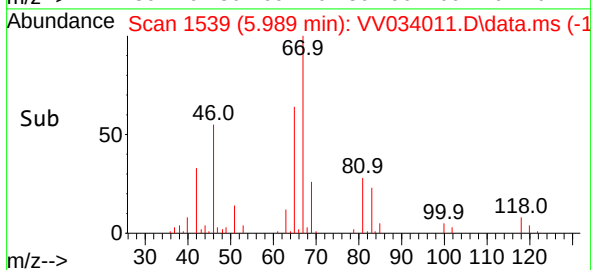
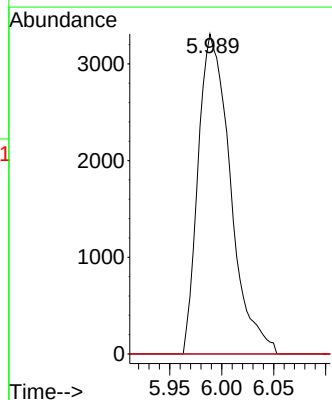
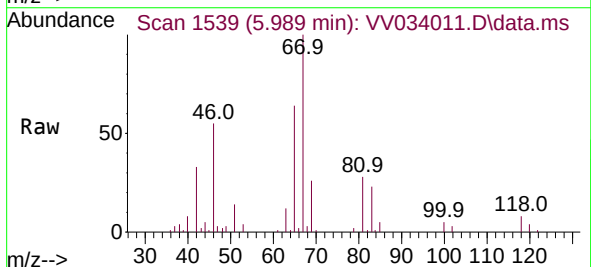
Instrument :
MSVOA_V
ClientSampleId :

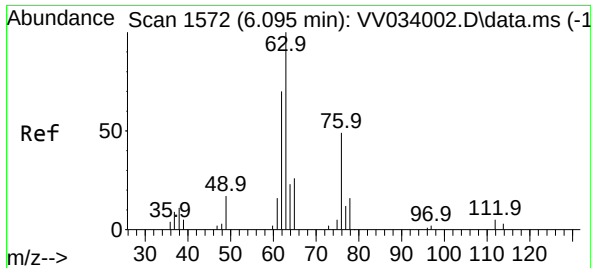
Tgt Ion:117 Resp: 4946
Ion Ratio Lower Upper
117 100
119 102.7 76.1 114.1



#35
Methylcyclohexane
Concen: 0.604 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034011.D
Acq: 06 Feb 2024 15:31

Tgt Ion: 83 Resp: 7138
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.528 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034011.D

Acq: 06 Feb 2024 15:31

Instrument :

MSVOA_V

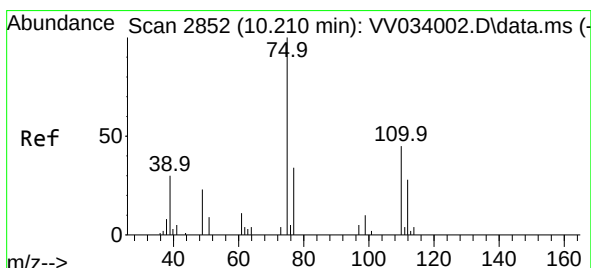
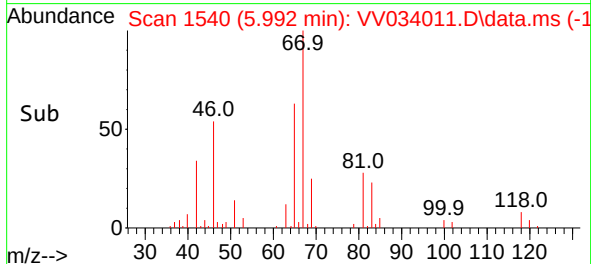
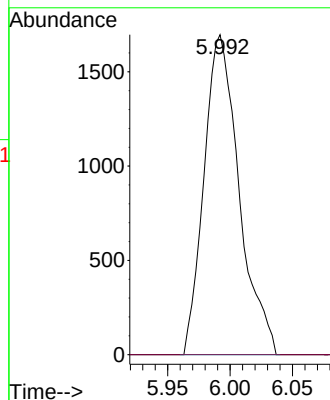
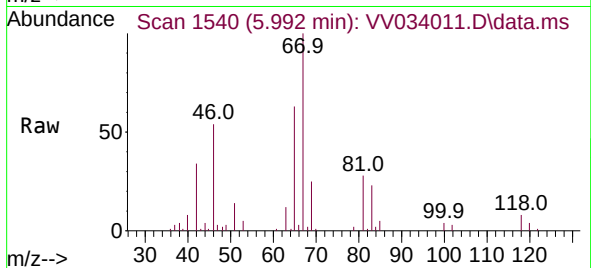
ClientSampleId :

Tgt Ion: 63 Resp: 3325

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#61

1,2,3-Trichloropropane

Concen: 1.784 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.975 min

Lab File: VV034011.D

Acq: 06 Feb 2024 15:31

Tgt Ion: 75 Resp: 5250

Ion Ratio Lower Upper

75 100

77 35.2 26.9 40.3

110 0.8 33.3 49.9#

