

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020624\
 Data File : VV034013.D
 Acq On : 06 Feb 2024 16:19
 Operator : SY/MD
 Sample : P1289-09DL 2000X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:41:55 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)

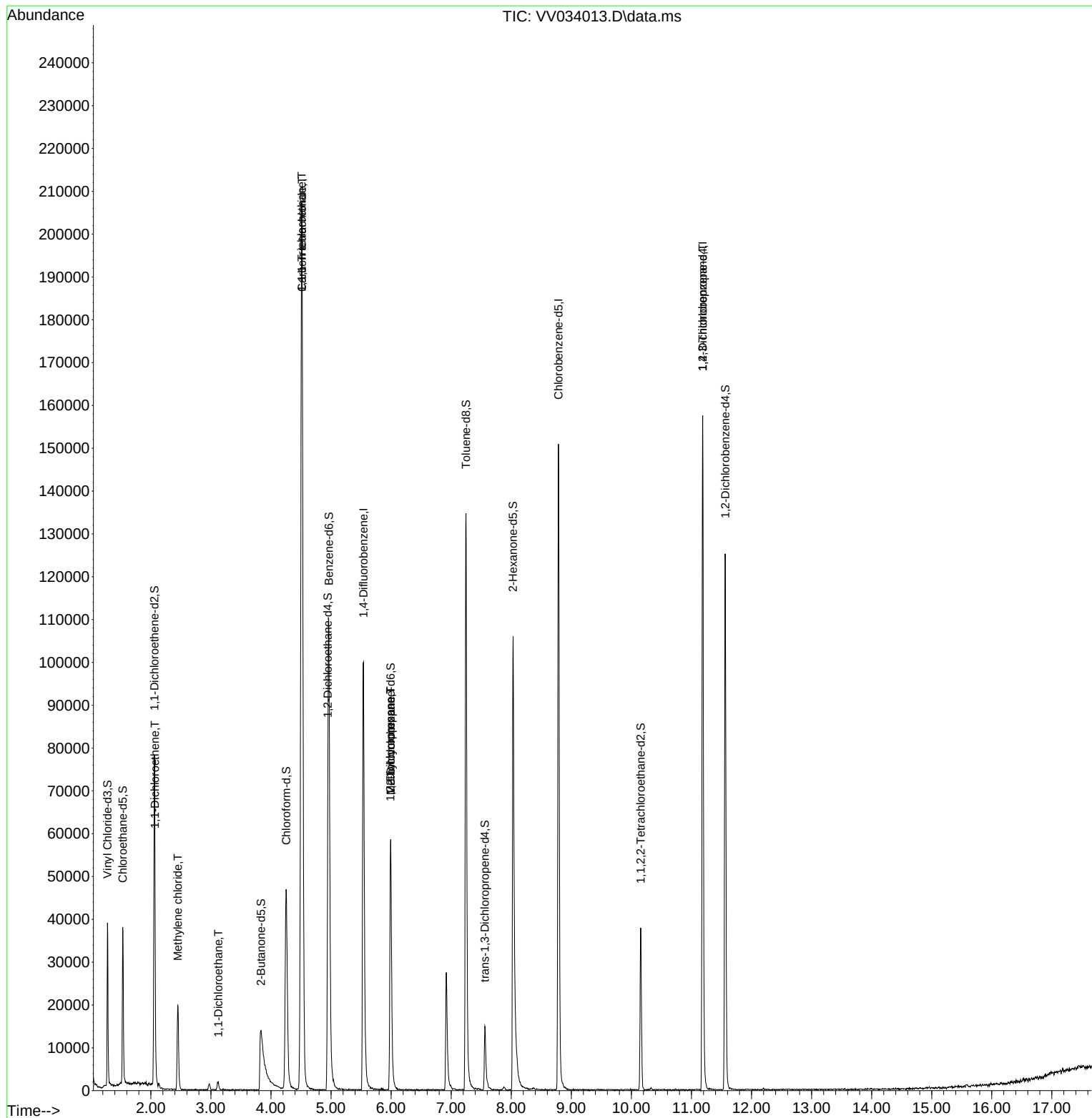
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	88780	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23919	3.479	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.532	69	22776	3.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.060	65	12459	3.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.200%
20) 2-Butanone-d5	3.834	46	47198	40.872	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.740%
24) Chloroform-d	4.252	84	50736	4.061	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.947	65	25126	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	4.963	84	99890	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	5.992	67	27652	4.087	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.246	98	90717	4.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.561	79	10241	4.009	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.030	63	42006	46.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.120%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18069	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	31663	4.246	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	1337	0.216	ug/L #	1
16) Methylene chloride	2.449	84	8175	1.374	ug/L	95
19) 1,1-Dichloroethane	3.124	63	2434	0.210	ug/L #	89
29) 1,1,1-Trichloroethane	4.513	97	173825	16.048	ug/L	99
31) Carbon tetrachloride	4.516	117	21216	2.239	ug/L	100
35) Methylcyclohexane	5.992	83	6914	0.629	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3612	0.616	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	4736	1.680	ug/L #	61

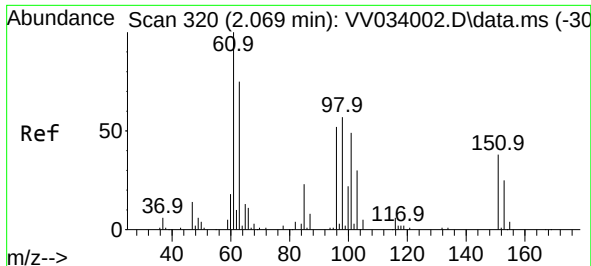
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 07 00:49:42 2024
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#12

1,1-Dichloroethene

Concen: 0.216 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034013.D

Acq: 06 Feb 2024 16:19

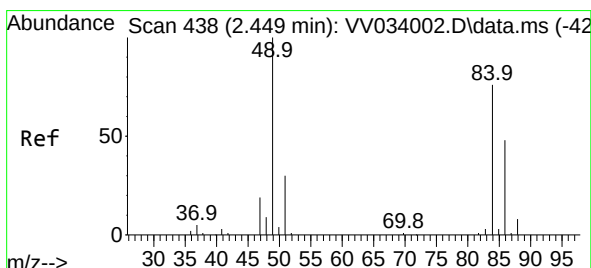
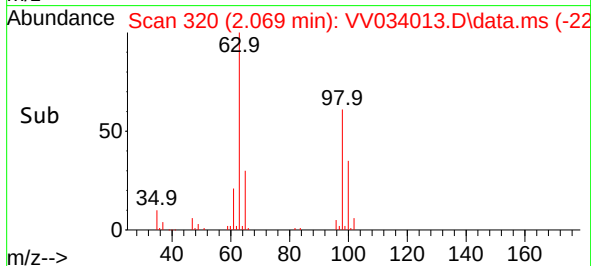
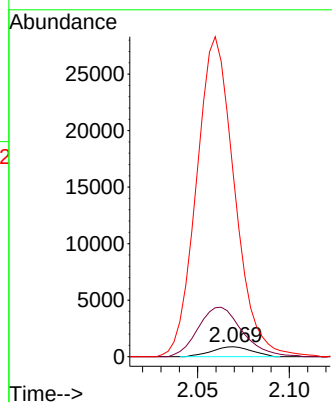
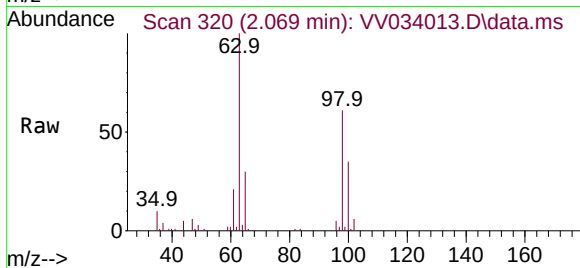
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1337

Ion	Ratio	Lower	Upper
96	100		
61	388.8	128.8	239.2#
63	1856.9	97.9	181.9#



#16

Methylene chloride

Concen: 1.374 ug/L

RT: 2.449 min Scan# 438

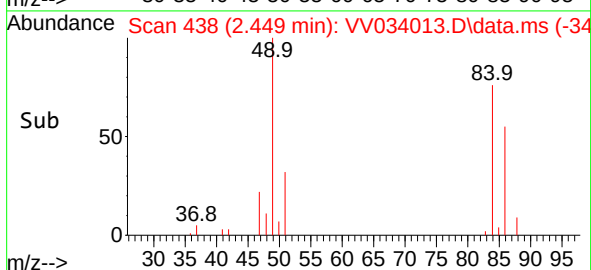
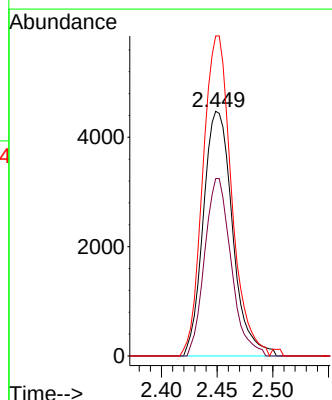
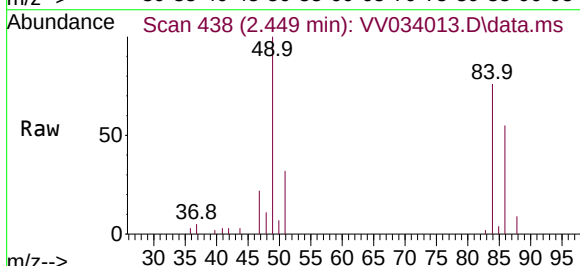
Delta R.T. -0.000 min

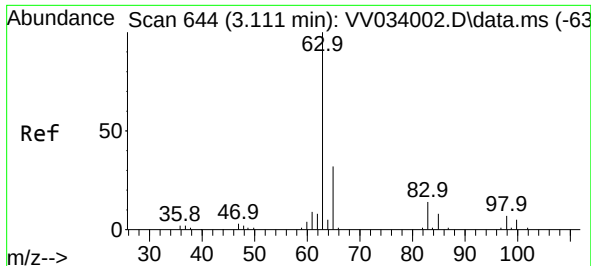
Lab File: VV034013.D

Acq: 06 Feb 2024 16:19

Tgt Ion: 84 Resp: 8175

Ion	Ratio	Lower	Upper
84	100		
86	72.5	44.7	83.1
49	130.8	93.7	173.9





#19

1,1-Dichloroethane

Concen: 0.210 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.013 min

Lab File: VV034013.D

Acq: 06 Feb 2024 16:19

Instrument :

MSVOA_V

ClientSampleId :

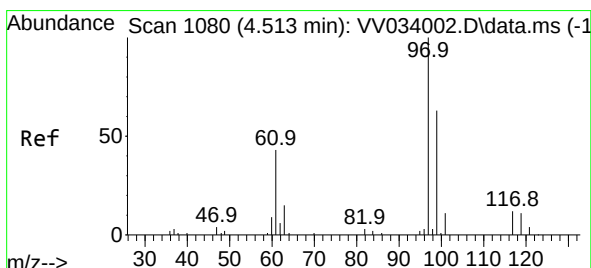
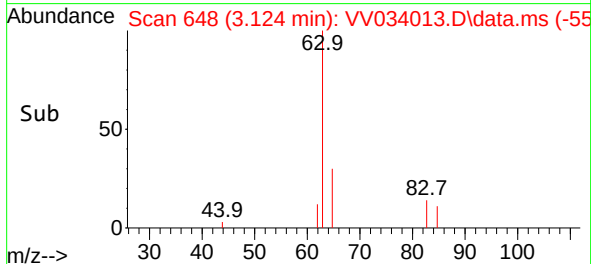
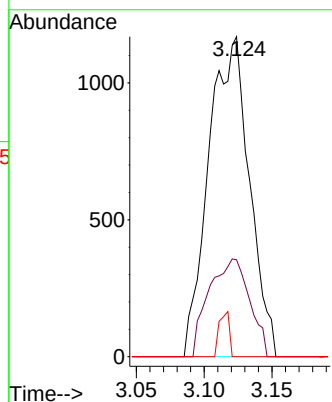
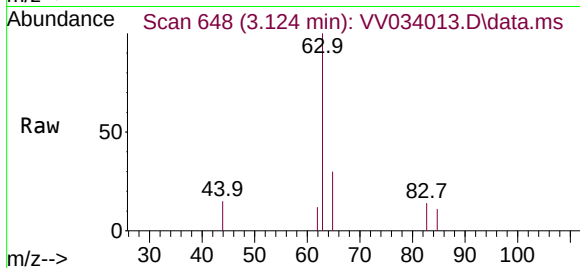
Tgt Ion: 63 Resp: 2434

Ion Ratio Lower Upper

63 100

65 30.3 20.8 38.6

83 0.0 9.4 17.4#



#29

1,1,1-Trichloroethane

Concen: 16.048 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV034013.D

Acq: 06 Feb 2024 16:19

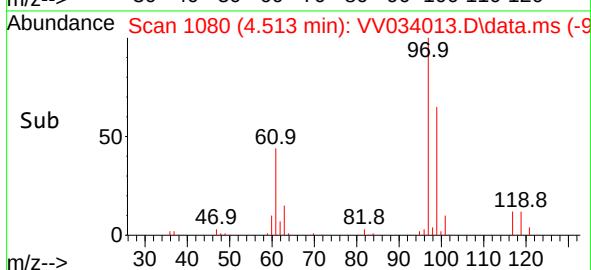
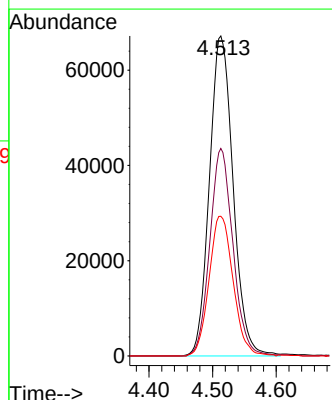
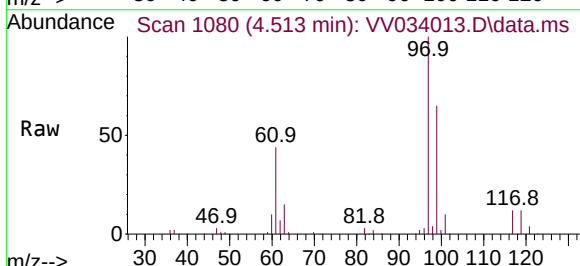
Tgt Ion: 97 Resp: 173825

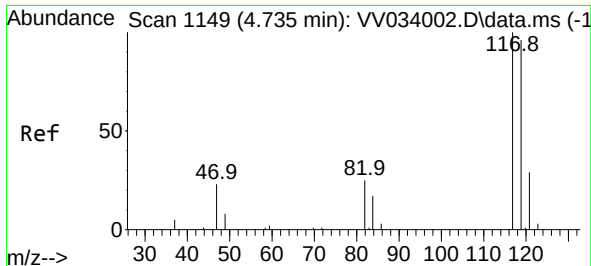
Ion Ratio Lower Upper

97 100

99 63.4 50.6 75.8

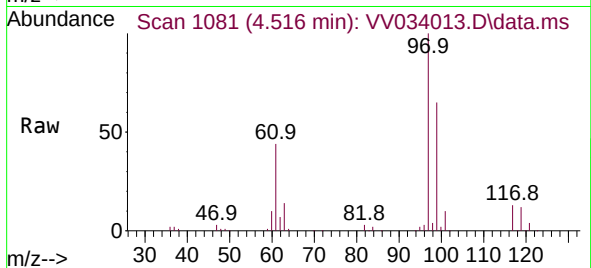
61 44.4 36.8 55.2



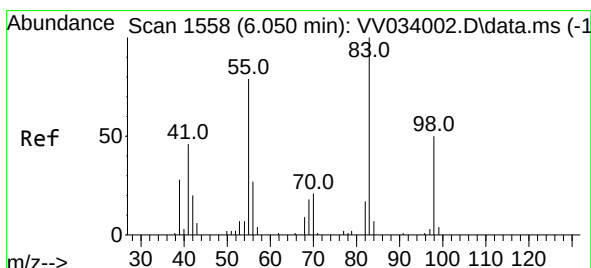
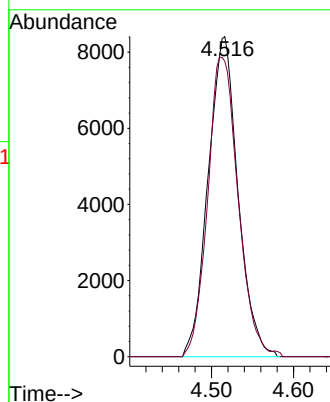
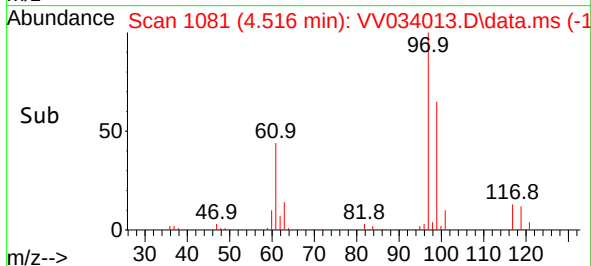


#31
Carbon tetrachloride
Concen: 2.239 ug/L
RT: 4.516 min Scan# 1149
Delta R.T. -0.219 min
Lab File: VV034013.D
Acq: 06 Feb 2024 16:19

Instrument :
MSVOA_V
ClientSampleId :

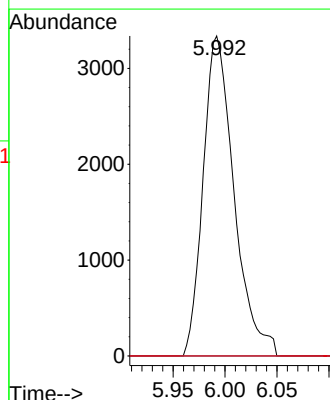
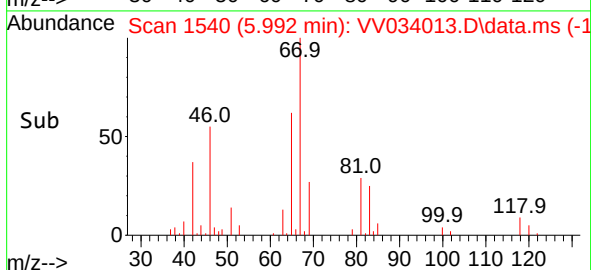
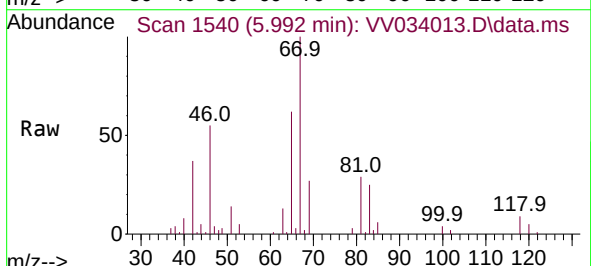


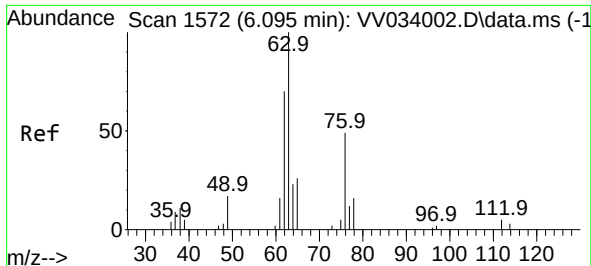
Tgt Ion:117 Resp: 21216
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1



#35
Methylcyclohexane
Concen: 0.629 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034013.D
Acq: 06 Feb 2024 16:19

Tgt Ion: 83 Resp: 6914
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: 0.616 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV034013.D

Acq: 06 Feb 2024 16:19

Instrument :

MSVOA_V

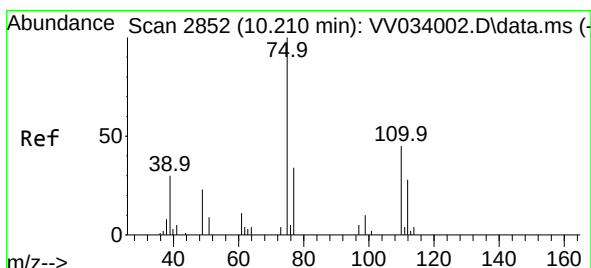
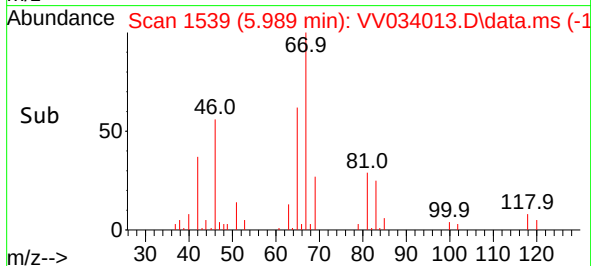
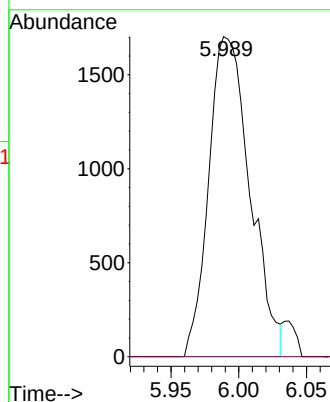
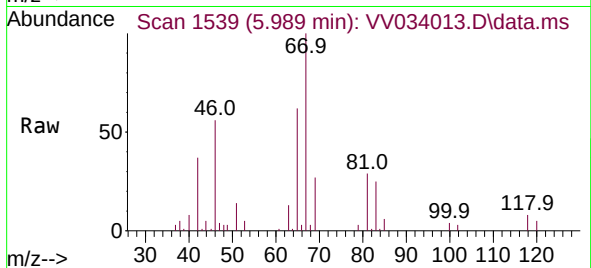
ClientSampleId :

Tgt Ion: 63 Resp: 3612

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#61

1,2,3-Trichloropropane

Concen: 1.680 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.978 min

Lab File: VV034013.D

Acq: 06 Feb 2024 16:19

Tgt Ion: 75 Resp: 4736

Ion Ratio Lower Upper

75 100

77 38.2 26.9 40.3

110 1.4 33.3 49.9#

