

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020624\
 Data File : VV034008.D
 Acq On : 06 Feb 2024 13:32
 Operator : SY/MD
 Sample : P1289-01DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:40:45 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)

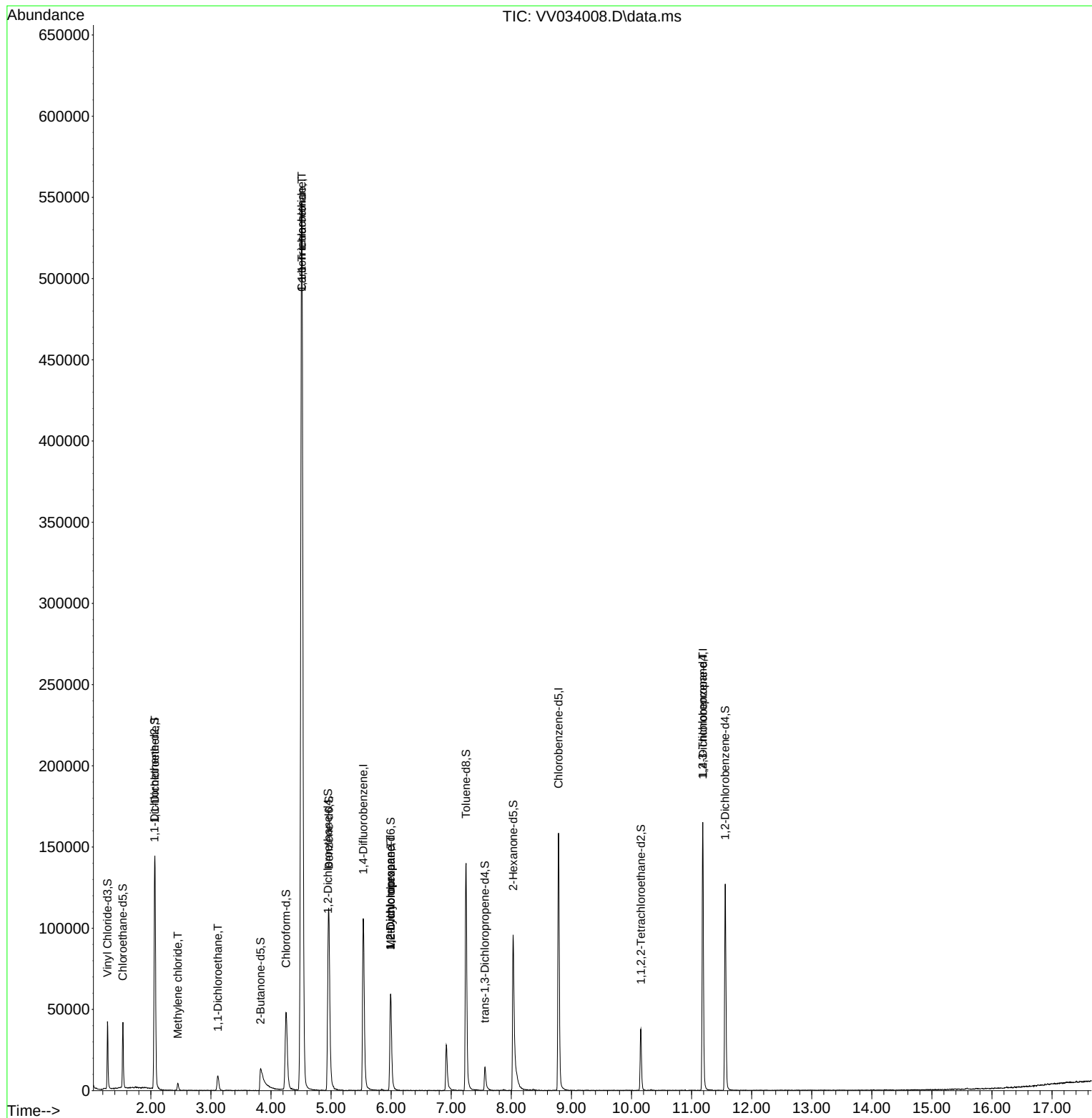
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	92657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	85715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	42183	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26408	3.680	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.600%	
7) Chloroethane-d5	1.532	69	24693	3.929	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.600%	
11) 1,1-Dichloroethene-d2	2.060	65	13326	3.851	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	3.825	46	37407	31.038	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	62.080%	
24) Chloroform-d	4.249	84	52766	4.047	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.000%	
26) 1,2-Dichloroethane-d4	4.947	65	25009	4.104	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.000%	
32) Benzene-d6	4.963	84	101662	3.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
36) 1,2-Dichloropropane-d6	5.992	67	28928	4.024	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.400%	
41) Toluene-d8	7.246	98	95319	4.033	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
43) trans-1,3-Dichloroprop...	7.561	79	9969	3.673	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5	8.030	63	40554	41.852	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.700%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18130	4.160	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	32149	4.191	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.800%	
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	26282	4.060	ug/L	90
16) Methylene chloride	2.449	84	2034	0.327	ug/L	90
19) 1,1-Dichloroethane	3.114	63	10208	0.843	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	454530	39.497	ug/L	99
31) Carbon tetrachloride	4.513	117	54862	5.448	ug/L	97
35) Methylcyclohexane	5.992	83	7178	0.615	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3528	0.567	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	5084	1.753	ug/L #	60

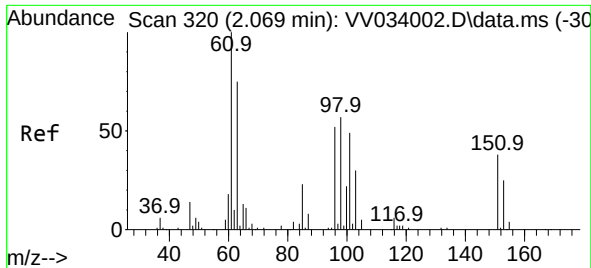
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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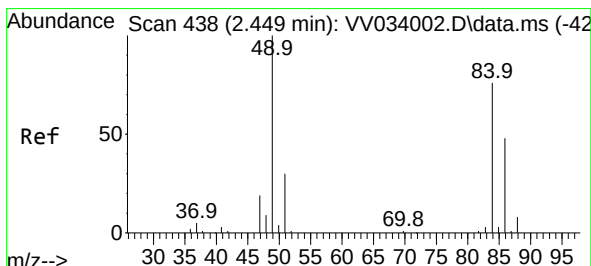
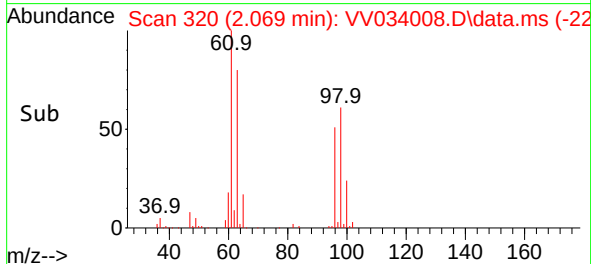
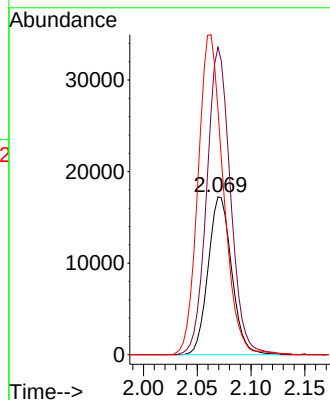
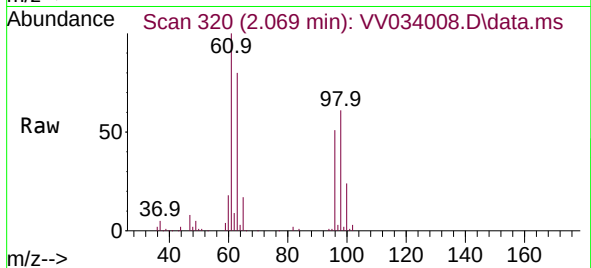




#12
1,1-Dichloroethene
Concen: 4.060 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034008.D
Acq: 06 Feb 2024 13:32

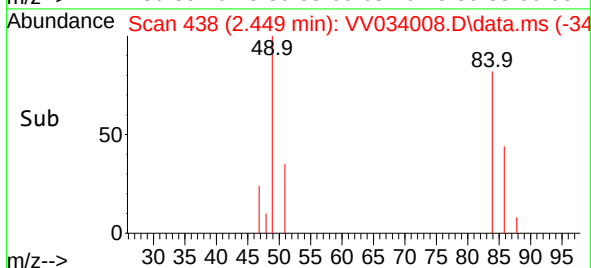
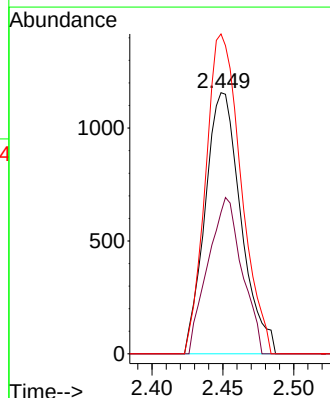
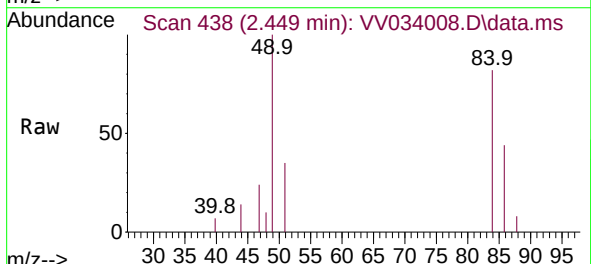
Instrument :
MSVOA_V
ClientSampleId :

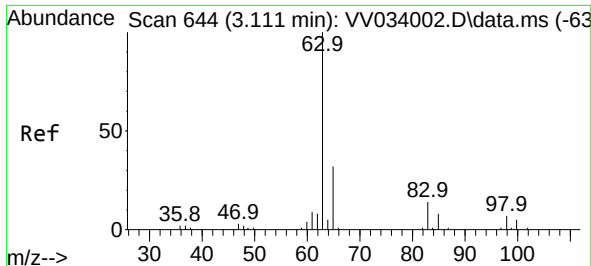
Tgt Ion: 96 Resp: 26282
Ion Ratio Lower Upper
96 100
61 194.7 128.8 239.2
63 155.3 97.9 181.9



#16
Methylene chloride
Concen: 0.327 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034008.D
Acq: 06 Feb 2024 13:32

Tgt Ion: 84 Resp: 2034
Ion Ratio Lower Upper
84 100
86 54.2 44.7 83.1
49 122.5 93.7 173.9





#19

1,1-Dichloroethane

Concen: 0.843 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034008.D

Acq: 06 Feb 2024 13:32

Instrument :

MSVOA_V

ClientSampleId :

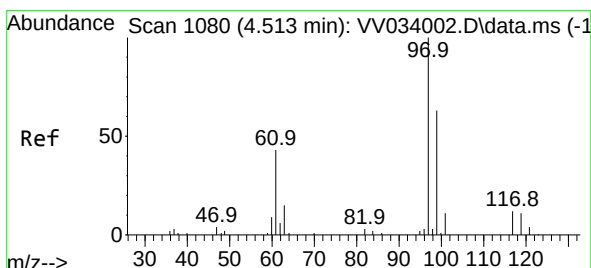
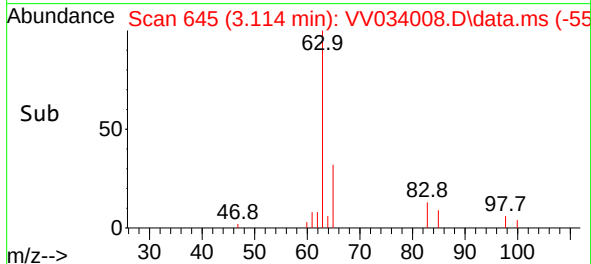
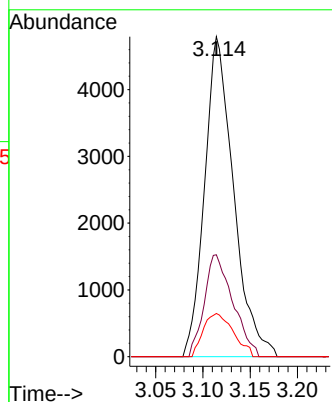
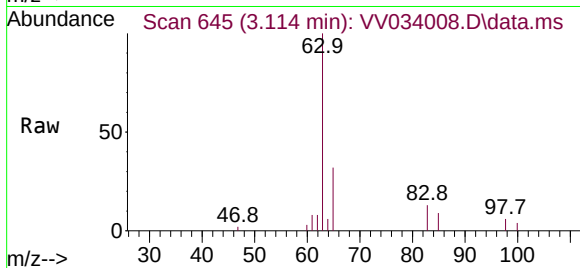
Tgt Ion: 63 Resp: 10208

Ion Ratio Lower Upper

63 100

65 31.9 20.8 38.6

83 13.5 9.4 17.4



#29

1,1,1-Trichloroethane

Concen: 39.497 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV034008.D

Acq: 06 Feb 2024 13:32

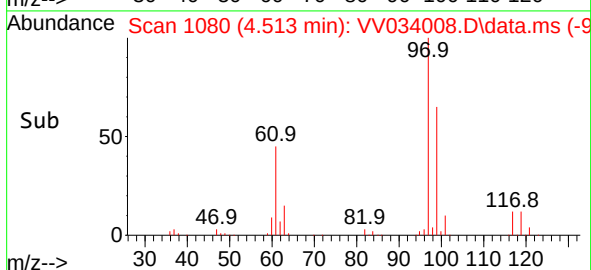
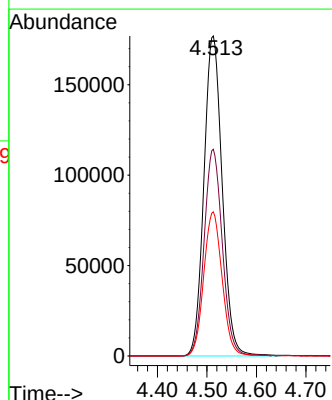
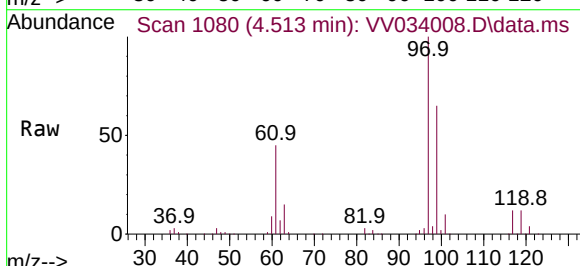
Tgt Ion: 97 Resp: 454530

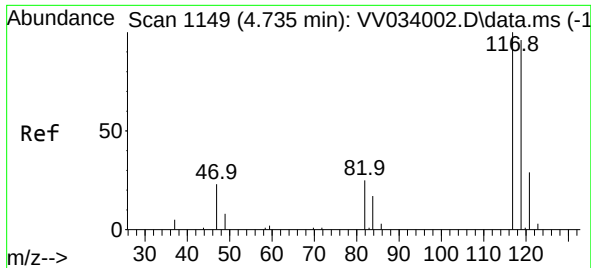
Ion Ratio Lower Upper

97 100

99 64.1 50.6 75.8

61 45.1 36.8 55.2

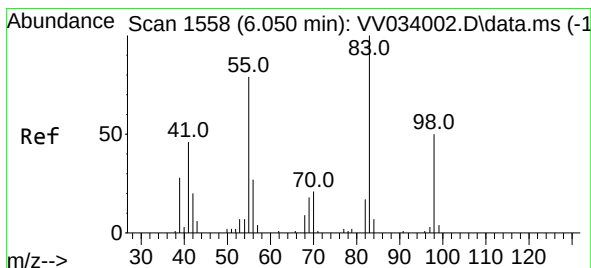
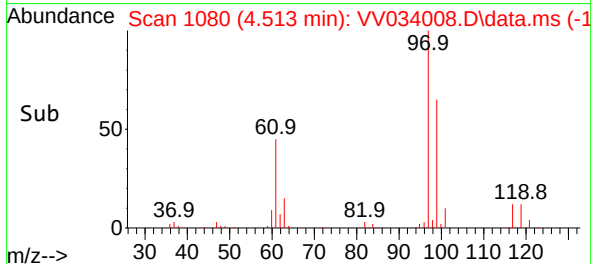
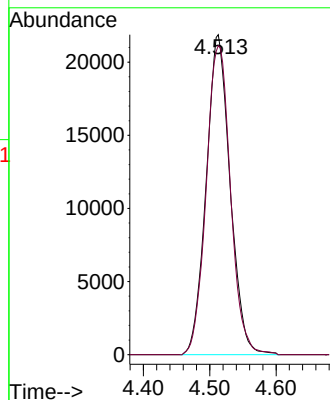
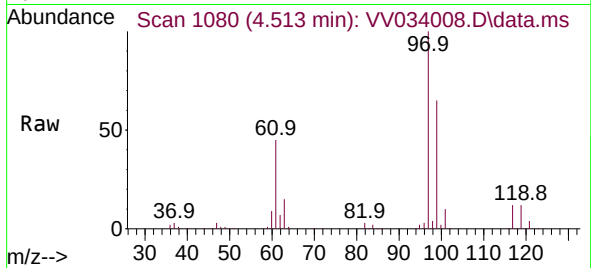




#31
Carbon tetrachloride
Concen: 5.448 ug/L
RT: 4.513 min Scan# 1149
Delta R.T. -0.222 min
Lab File: VV034008.D
Acq: 06 Feb 2024 13:32

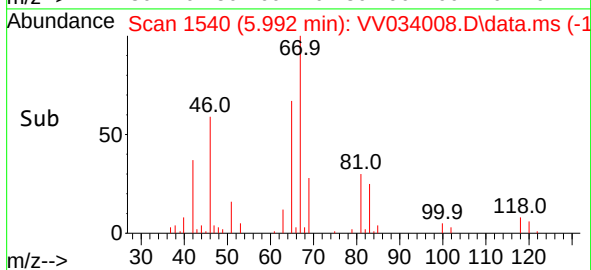
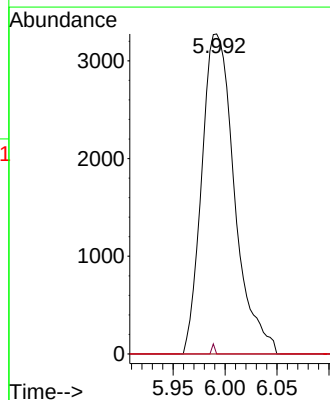
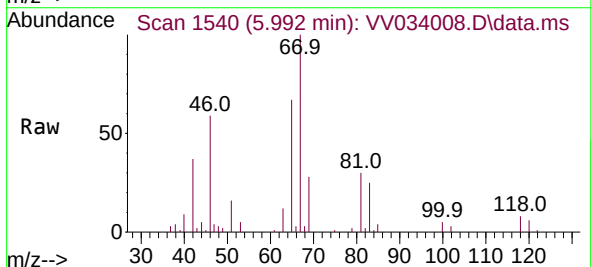
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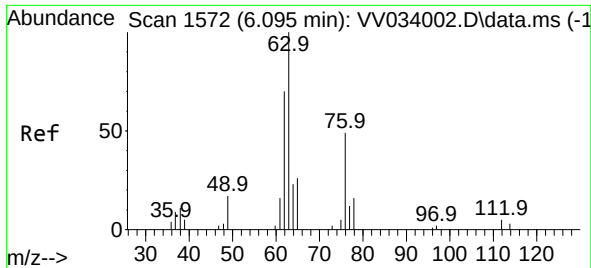
Tgt Ion:117 Resp: 54862
Ion Ratio Lower Upper
117 100
119 98.2 76.1 114.1



#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034008.D
Acq: 06 Feb 2024 13:32

Tgt Ion: 83 Resp: 7178
Ion Ratio Lower Upper
83 100
55 0.3 63.5 95.3#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV034008.D

Acq: 06 Feb 2024 13:32

Instrument :

MSVOA_V

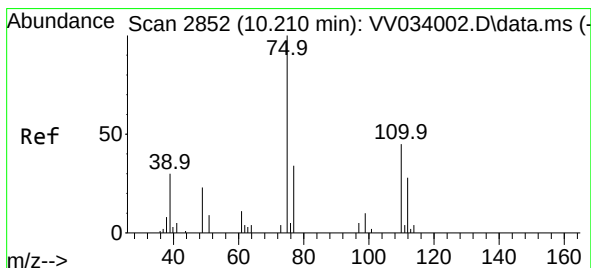
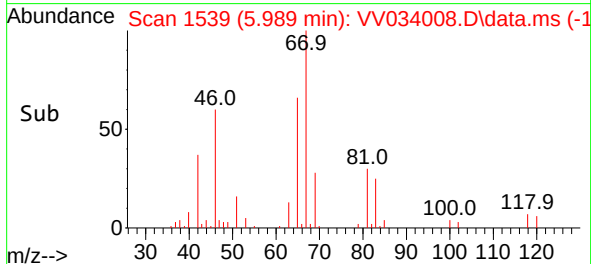
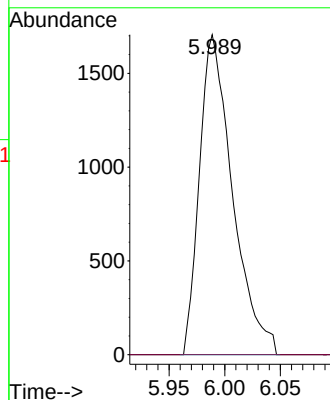
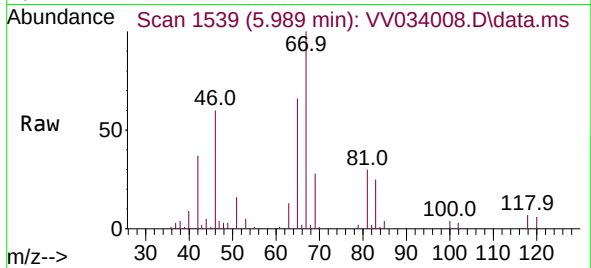
ClientSampleId :

Tgt Ion: 63 Resp: 3528

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#61

1,2,3-Trichloropropane

Concen: 1.753 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.975 min

Lab File: VV034008.D

Acq: 06 Feb 2024 13:32

Tgt Ion: 75 Resp: 5084

Ion Ratio Lower Upper

75 100

77 38.4 26.9 40.3

110 0.9 33.3 49.9#

