

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034277.D
 Acq On : 20 Feb 2024 18:09
 Operator : SY/MD
 Sample : P1498-16DL 1000X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 21 01:46:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 01:41:15 2024
 Response via : Initial Calibration

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

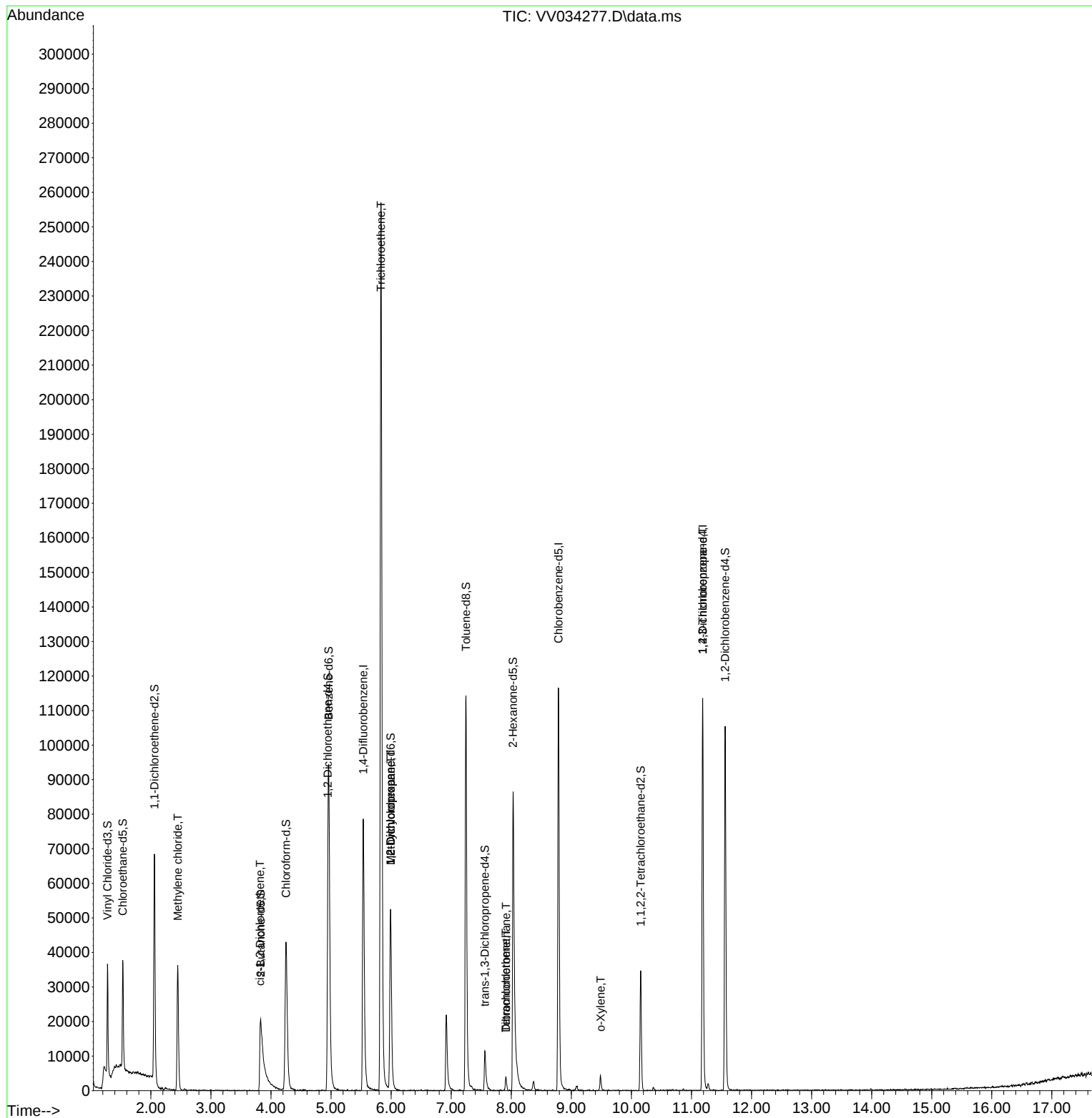
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	67735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	62094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29580	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20214	3.853	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.000%	
7) Chloroethane-d5	1.532	69	19428	4.228	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.060	65	11015	4.354	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	3.831	46	39382	44.700	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.400%	
24) Chloroform-d	4.249	84	45904	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	4.947	65	23710	5.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	4.960	84	85092	4.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	5.992	67	23579	4.528	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.246	98	77500	4.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.561	79	7652	3.891	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.800%	
46) 2-Hexanone-d5	8.030	63	33066	47.105	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.220%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15624	4.949	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	27667	5.143	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						
16) Methylene chloride	2.449	84	14773	3.254	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	3832	0.701	ug/L	96
34) Trichloroethene	5.831	95	86230	15.998	ug/L	98
35) Methylcyclohexane	5.992	83	6362	0.752	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3094	0.686	ug/L #	87
47) Tetrachloroethene	7.908	164	1008	0.230	ug/L	86
49) Dibromochloromethane	7.911	129	780	0.236	ug/L #	11
54) o-Xylene	9.487	106	1152	0.138	ug/L	86
61) 1,2,3-Trichloropropane	11.188	75	3342	1.643	ug/L #	59

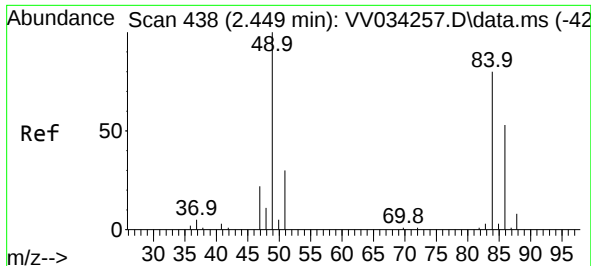
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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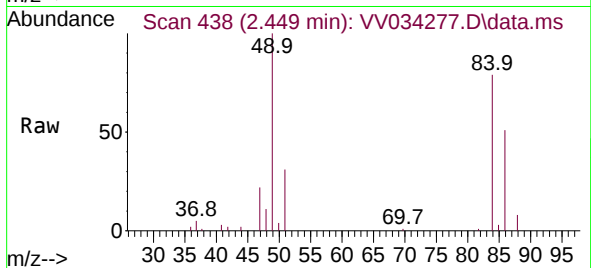
Quant Time: Feb 21 01:46:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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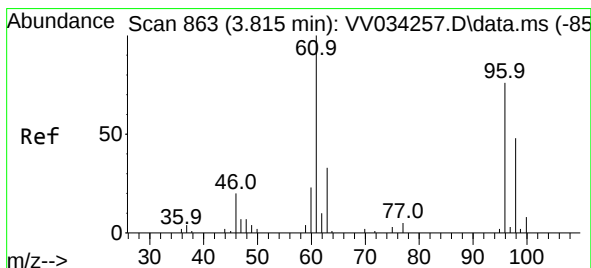
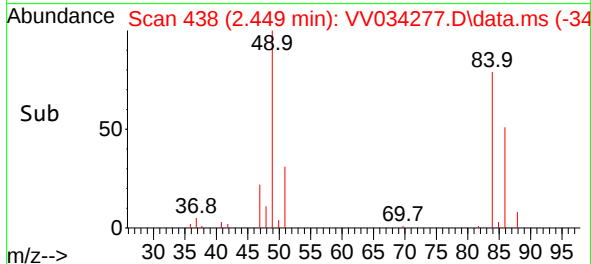
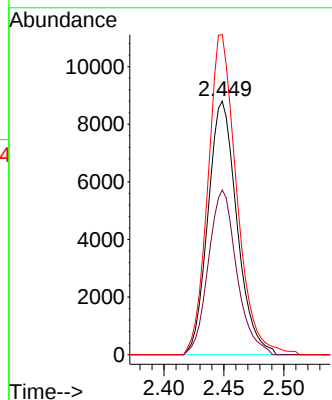
#16
Methylene chloride
Concen: 3.254 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV034277.D
Acq: 20 Feb 2024 18:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 14773

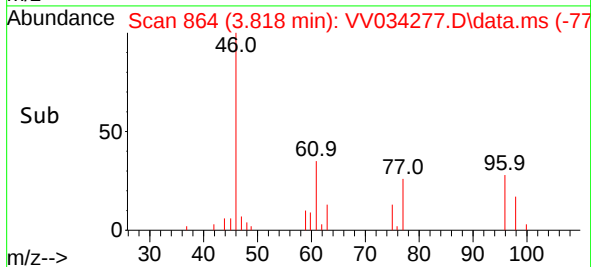
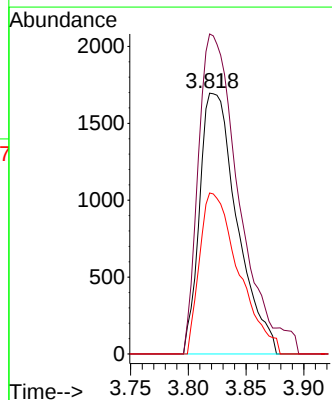
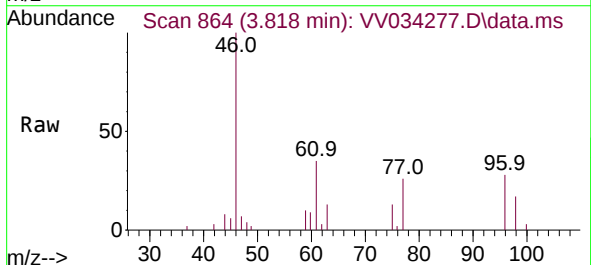
Ion	Ratio	Lower	Upper
84	100		
86	65.0	44.7	83.1
49	126.3	93.7	173.9

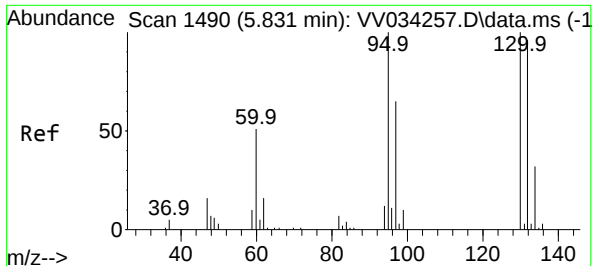


#22
cis-1,2-Dichloroethene
Concen: 0.701 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034277.D
Acq: 20 Feb 2024 18:09

Tgt Ion: 96 Resp: 3832

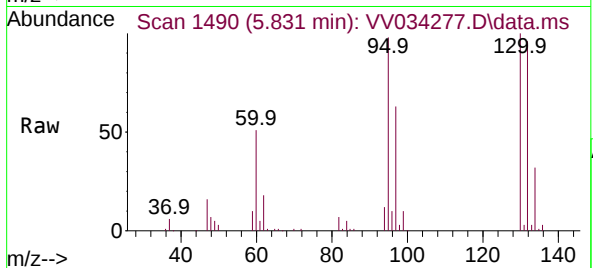
Ion	Ratio	Lower	Upper
96	100		
61	122.7	90.3	167.7
98	61.7	43.2	80.2



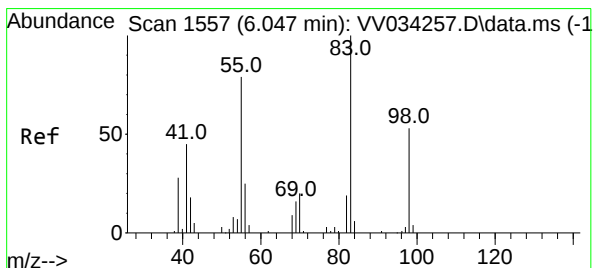
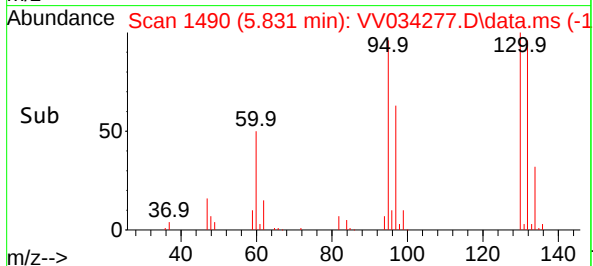
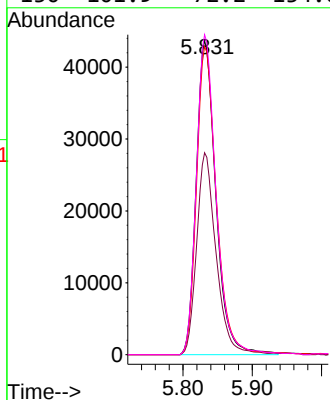


#34
Trichloroethene
Concen: 15.998 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034277.D
Acq: 20 Feb 2024 18:09

Instrument :
MSVOA_V
ClientSampleId :

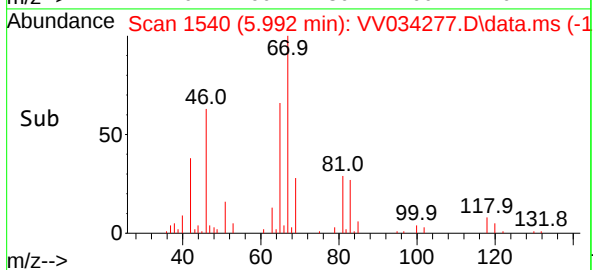
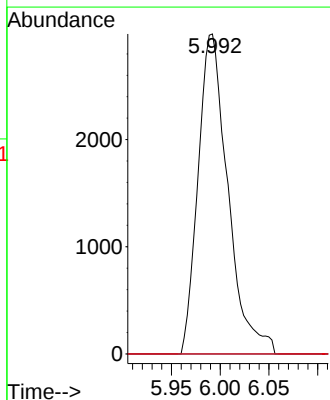
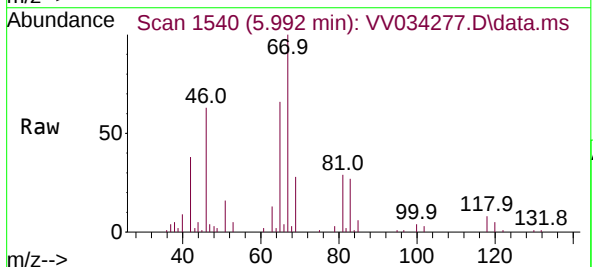


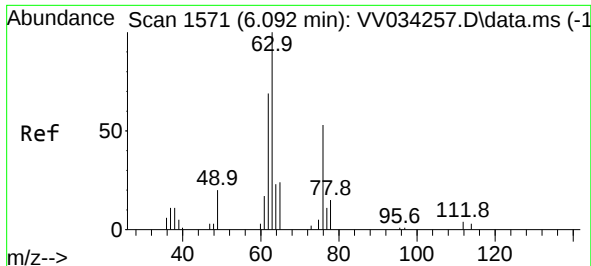
Tgt Ion:	95	Resp:	86230
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.1	83.7
132	98.1	66.0	122.6
130	101.9	72.2	134.0



#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV034277.D
Acq: 20 Feb 2024 18:09

Tgt Ion:	83	Resp:	6362
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: 0.686 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV034277.D

Acq: 20 Feb 2024 18:09

Instrument :

MSVOA_V

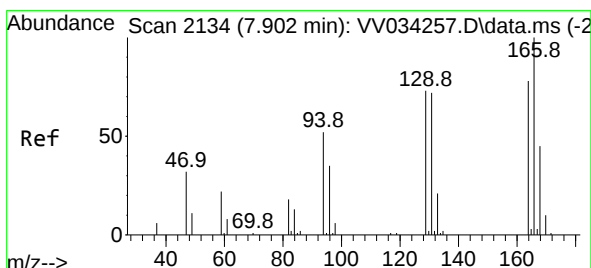
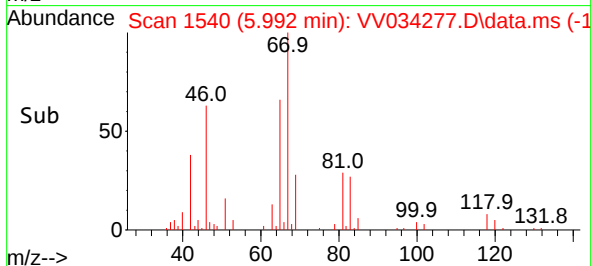
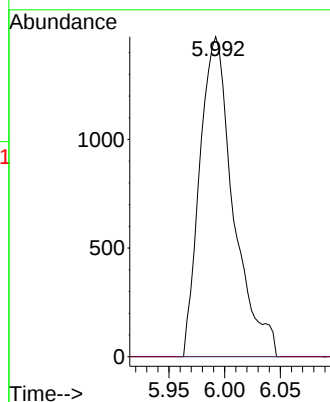
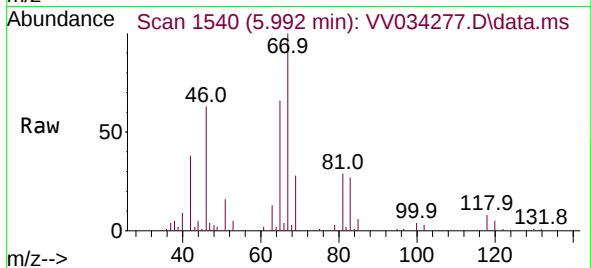
ClientSampleId :

Tgt Ion: 63 Resp: 3094

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 0.230 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.006 min

Lab File: VV034277.D

Acq: 20 Feb 2024 18:09

Tgt Ion:164 Resp: 1008

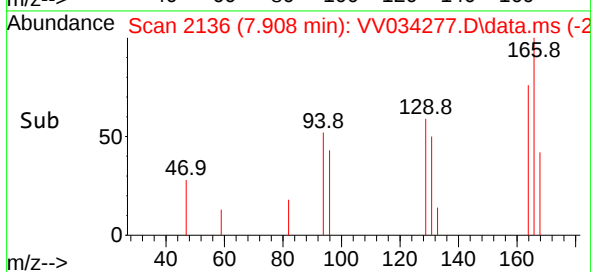
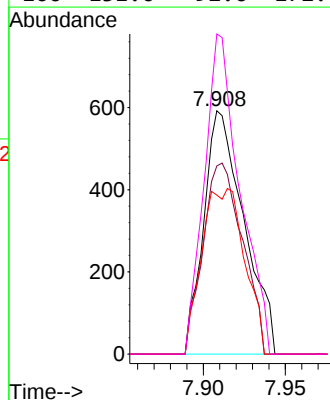
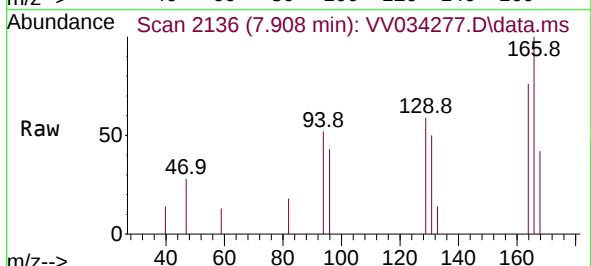
Ion Ratio Lower Upper

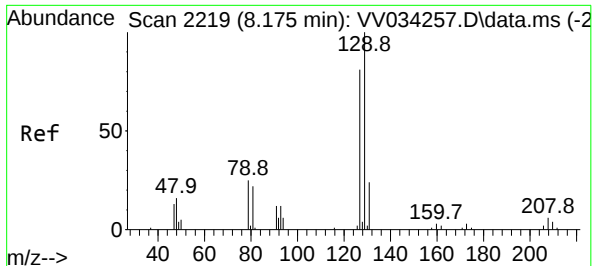
164 100

129 77.4 67.8 125.8

131 65.4 63.0 117.0

166 131.6 92.6 172.0





#49

Dibromochloromethane

Concen: 0.236 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV034277.D

Acq: 20 Feb 2024 18:09

Instrument :

MSVOA_V

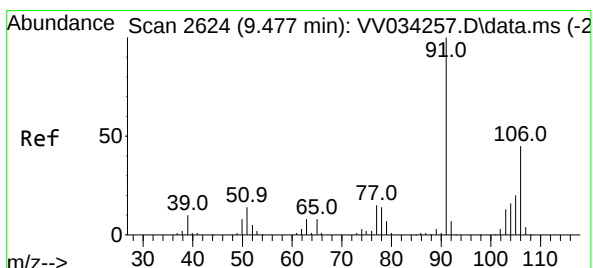
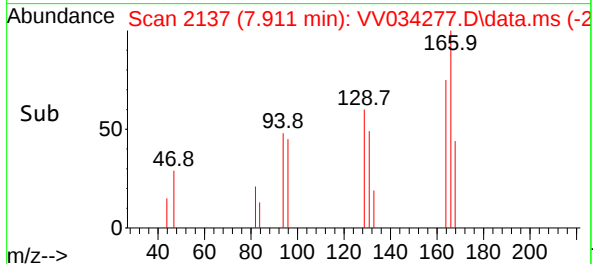
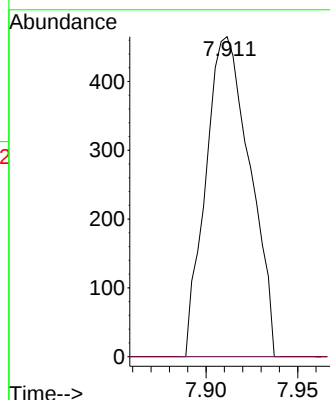
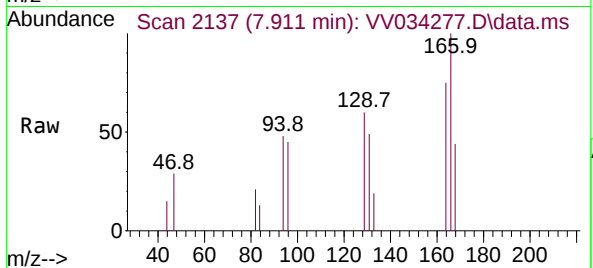
ClientSampleId :

Tgt Ion:129 Resp: 780

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#54

o-Xylene

Concen: 0.138 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.010 min

Lab File: VV034277.D

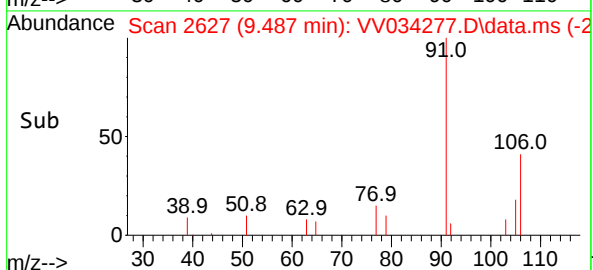
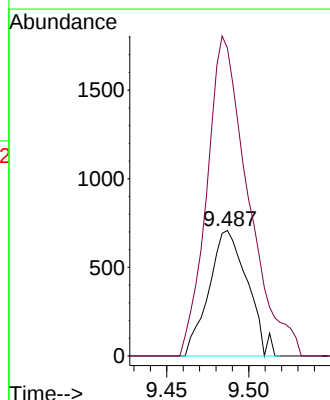
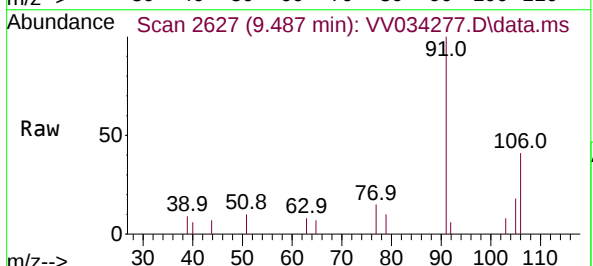
Acq: 20 Feb 2024 18:09

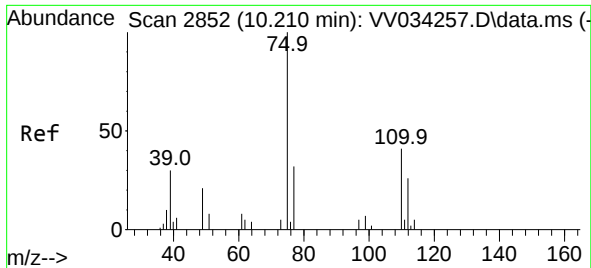
Tgt Ion:106 Resp: 1152

Ion Ratio Lower Upper

106 100

91 245.3 156.2 290.0





#61

1,2,3-Trichloropropane

Concen: 1.643 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.977 min

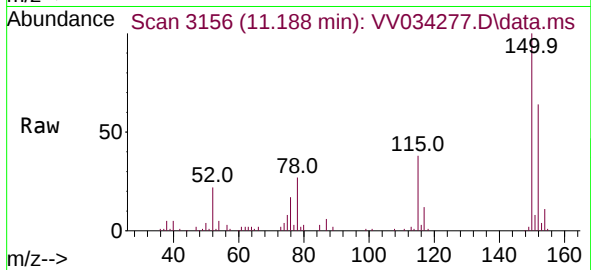
Lab File: VV034277.D

Acq: 20 Feb 2024 18:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 3342

Ion Ratio Lower Upper

75 100

77 39.3 26.9 40.3

110 0.0 33.3 49.9#

