

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021424\
 Data File : VW034177.D
 Acq On : 14 Feb 2024 13:28
 Operator : SY/MD
 Sample : P1455-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 01:29:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

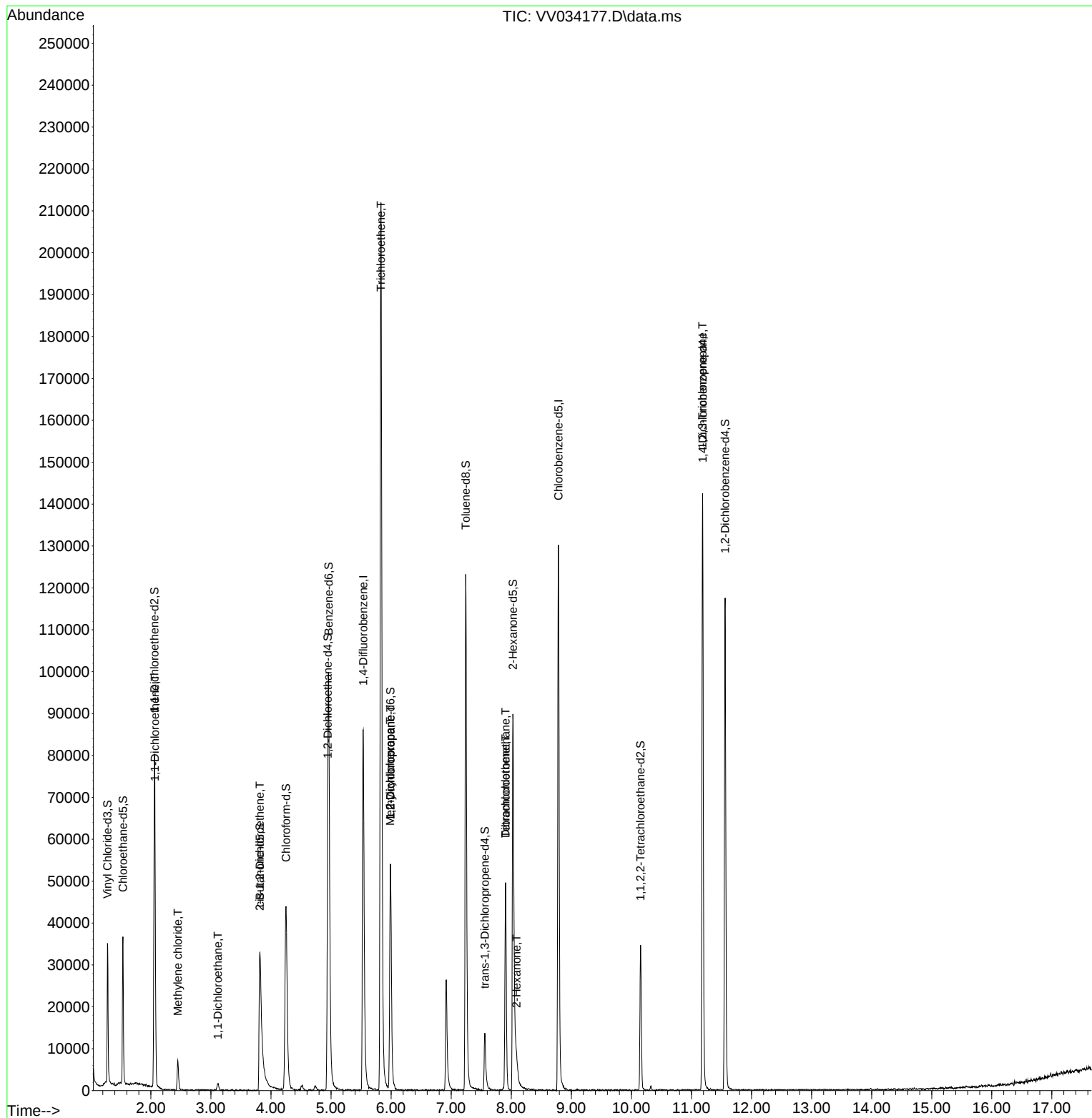
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	77070	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	70976	5.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37070	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21891	3.668	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.400%	
7) Chloroethane-d5	1.536	69	20876	3.993	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.800%	
11) 1,1-Dichloroethene-d2	2.060	65	11080	3.849	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	3.812	46	42932	42.827	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.660%	
24) Chloroform-d	4.249	84	48184	4.442	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	4.944	65	24274	4.789	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	4.960	84	87893	4.127	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	5.989	67	24271	4.077	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.600%	
41) Toluene-d8	7.243	98	81976	4.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.561	79	9259	4.119	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.027	63	31626	39.416	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.840%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15719	4.356	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	30018	4.453	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	6138	1.140	ug/L #	1
16) Methylene chloride	2.449	84	2967	0.574	ug/L	84
19) 1,1-Dichloroethane	3.118	63	2182	0.217	ug/L	91
22) cis-1,2-Dichloroethene	3.815	96	8704	1.399	ug/L	92
34) Trichloroethene	5.831	95	72338	11.741	ug/L	98
35) Methylcyclohexane	5.986	83	6312	0.653	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3060	0.593	ug/L #	87
47) Tetrachloroethene	7.905	164	10702	2.138	ug/L	94
48) 2-Hexanone	8.088	43	4769	2.740	ug/L #	96
49) Dibromochloromethane	7.905	129	9705	2.565	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4391	1.723	ug/L #	63

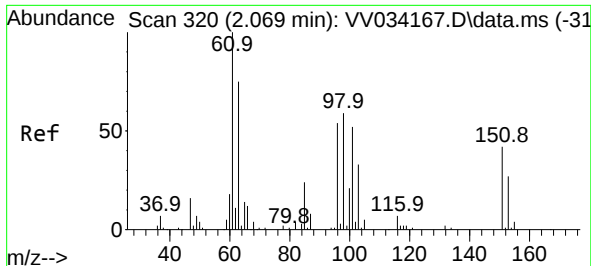
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.140 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034177.D

Acq: 14 Feb 2024 13:28

Instrument :

MSVOA_V

ClientSampleId :

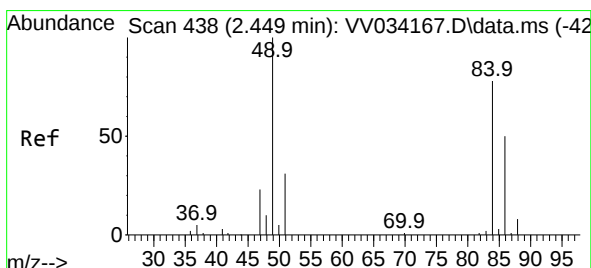
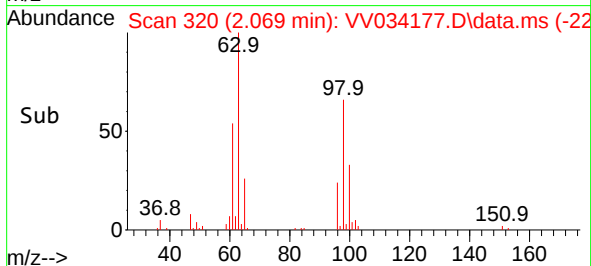
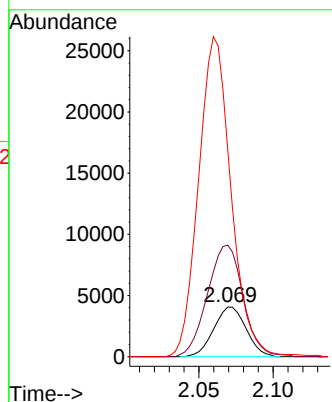
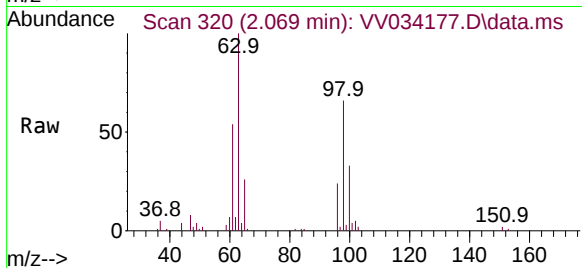
Tgt Ion: 96 Resp: 6138

Ion Ratio Lower Upper

96 100

61 225.0 128.8 239.2

63 417.8 97.9 181.9#



#16

Methylene chloride

Concen: 0.574 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.000 min

Lab File: VV034177.D

Acq: 14 Feb 2024 13:28

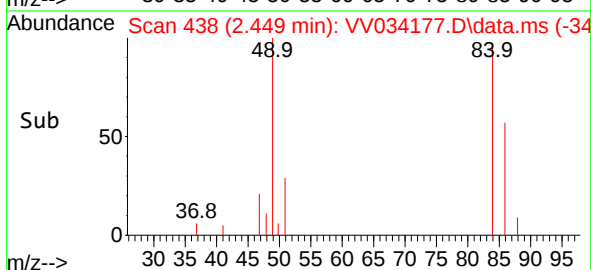
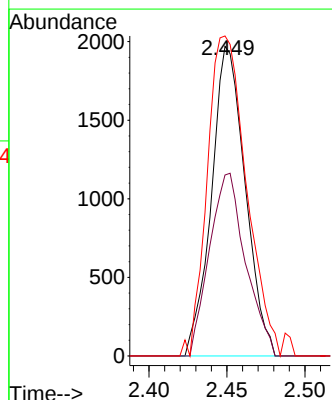
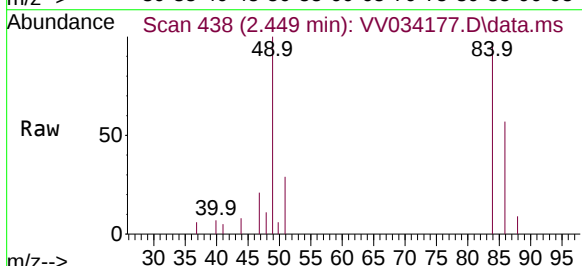
Tgt Ion: 84 Resp: 2967

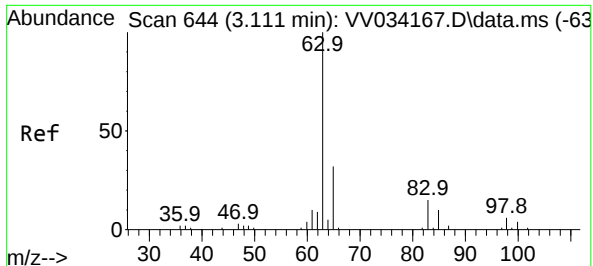
Ion Ratio Lower Upper

84 100

86 58.4 44.7 83.1

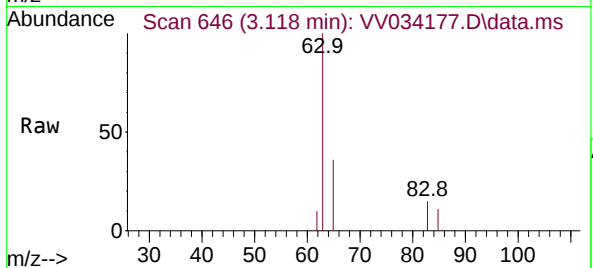
49 109.4 93.7 173.9



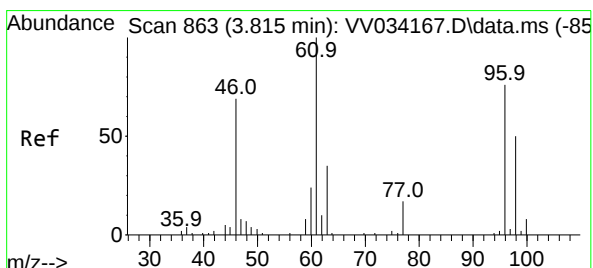
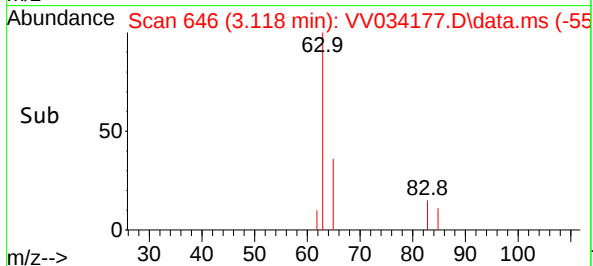
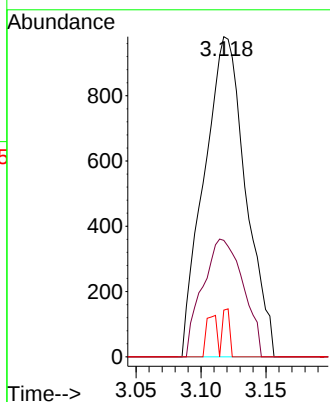


#19
1,1-Dichloroethane
Concen: 0.217 ug/L
RT: 3.118 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV034177.D
Acq: 14 Feb 2024 13:28

Instrument :
MSVOA_V
ClientSampleId :

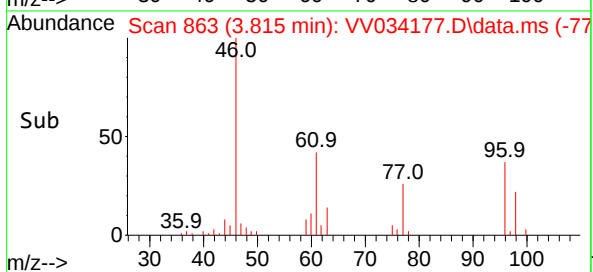
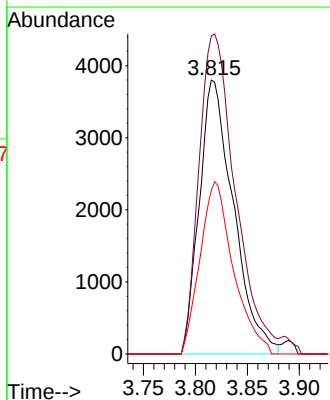
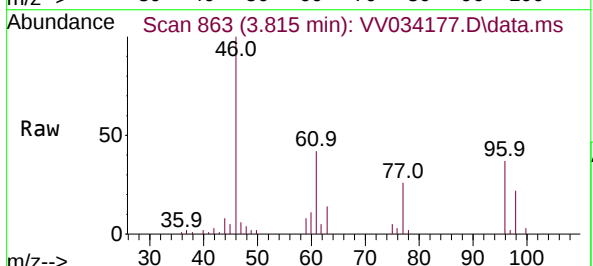


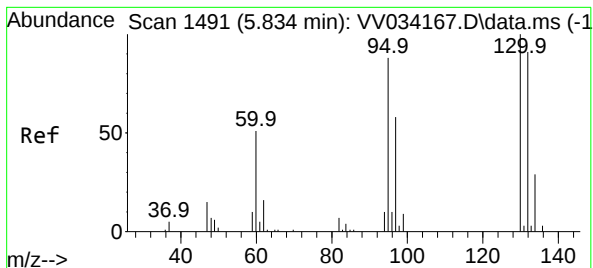
Tgt Ion:	63	Resp:	2182
Ion	Ratio	Lower	Upper
63	100		
65	36.4	20.8	38.6
83	14.6	9.4	17.4



#22
cis-1,2-Dichloroethene
Concen: 1.399 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.000 min
Lab File: VV034177.D
Acq: 14 Feb 2024 13:28

Tgt Ion:	96	Resp:	8704
Ion	Ratio	Lower	Upper
96	100		
61	116.1	90.3	167.7
98	59.7	43.2	80.2





#34

Trichloroethene

Concen: 11.741 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV034177.D

Acq: 14 Feb 2024 13:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 72338

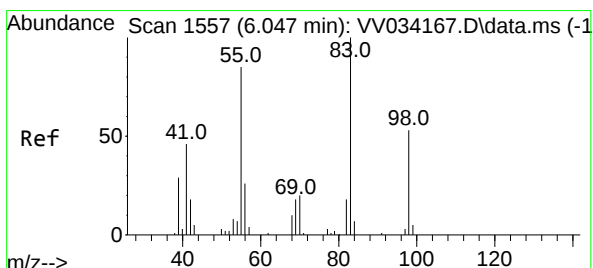
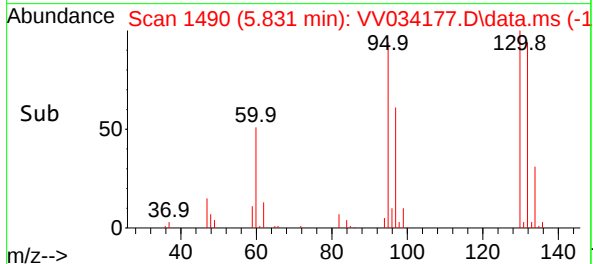
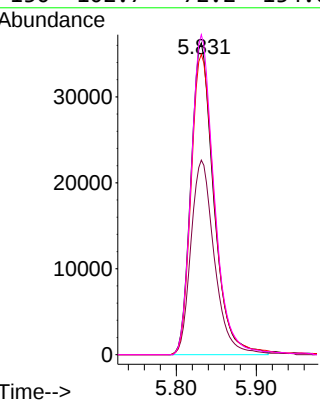
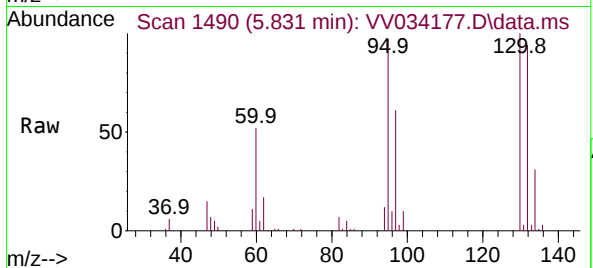
Ion Ratio Lower Upper

95 100

97 62.5 45.1 83.7

132 96.4 66.0 122.6

130 102.7 72.2 134.0



#35

Methylcyclohexane

Concen: 0.653 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.061 min

Lab File: VV034177.D

Acq: 14 Feb 2024 13:28

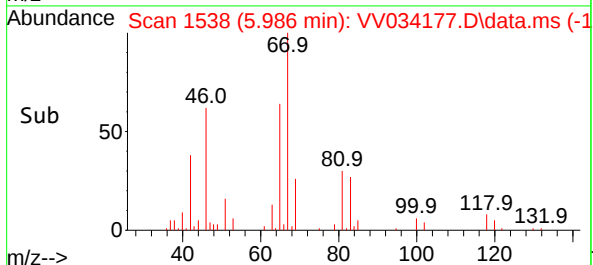
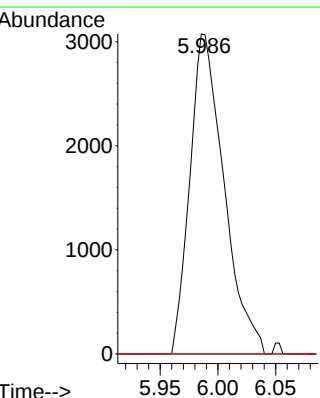
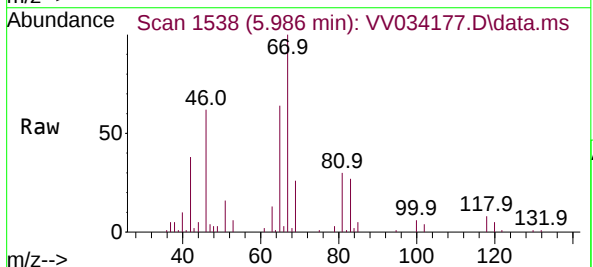
Tgt Ion: 83 Resp: 6312

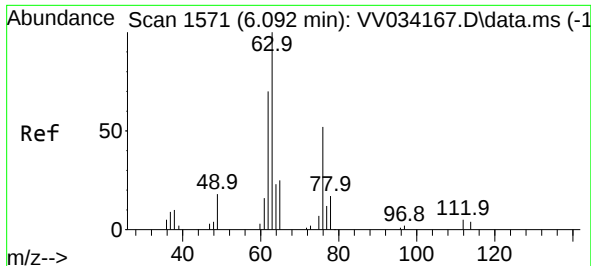
Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.0 39.0 58.4#

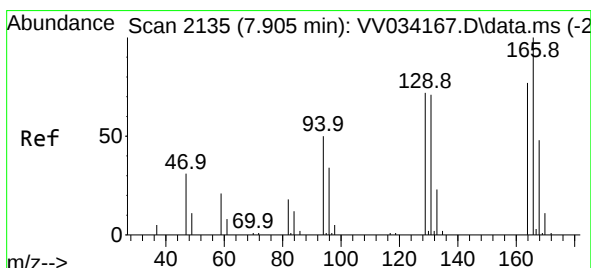
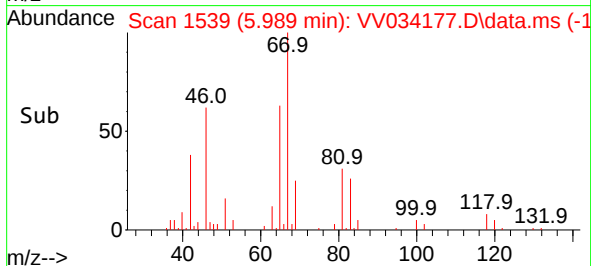
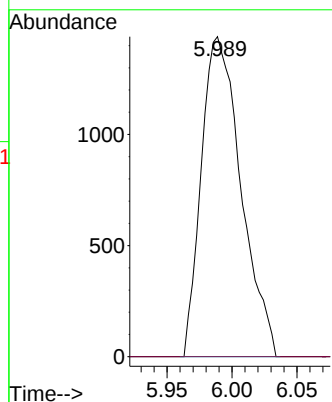
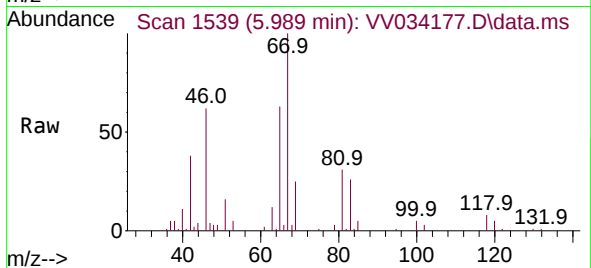




#37
1,2-Dichloropropane
Concen: 0.593 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV034177.D
Acq: 14 Feb 2024 13:28

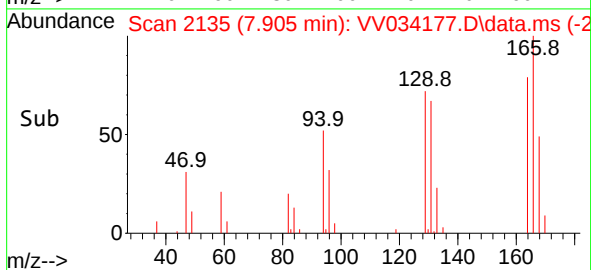
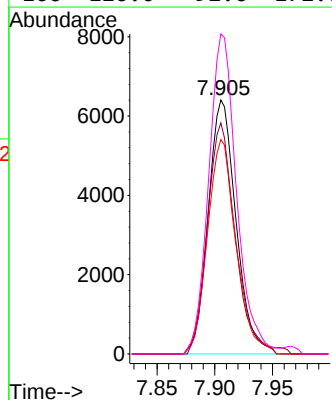
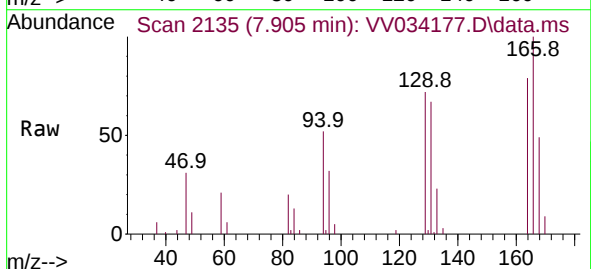
Instrument :
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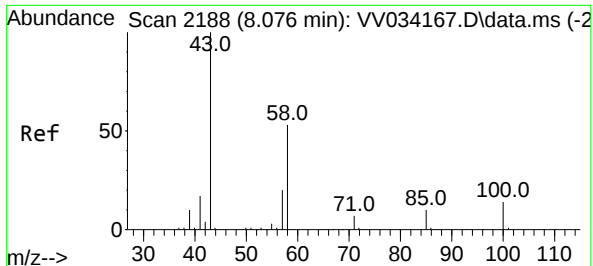
Tgt Ion: 63 Resp: 3060
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#47
Tetrachloroethene
Concen: 2.138 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034177.D
Acq: 14 Feb 2024 13:28

Tgt Ion:164 Resp: 10702
Ion Ratio Lower Upper
164 100
129 91.0 67.8 125.8
131 84.4 63.0 117.0
166 126.0 92.6 172.0

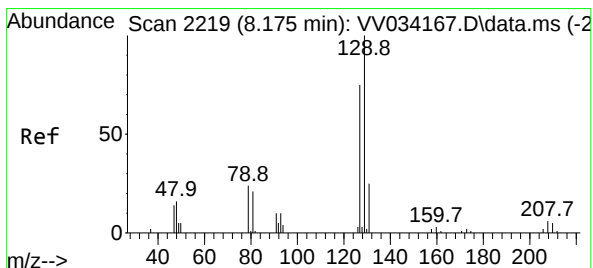
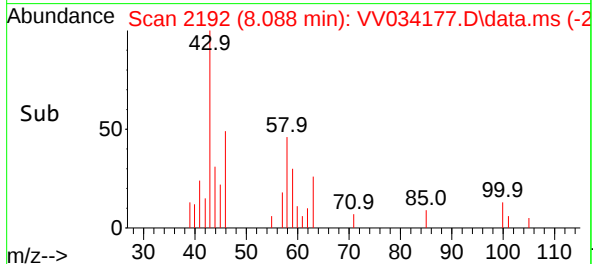
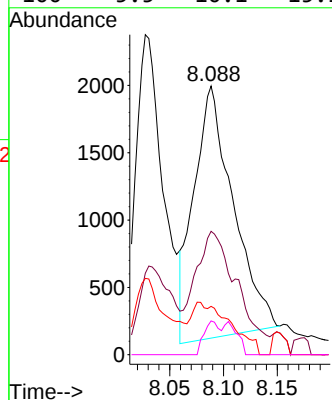
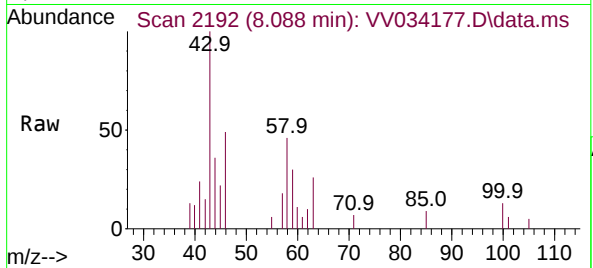




#48
2-Hexanone
Concen: 2.740 ug/L
RT: 8.088 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VV034177.D
Acq: 14 Feb 2024 13:28

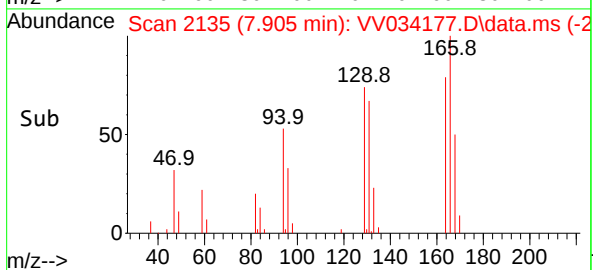
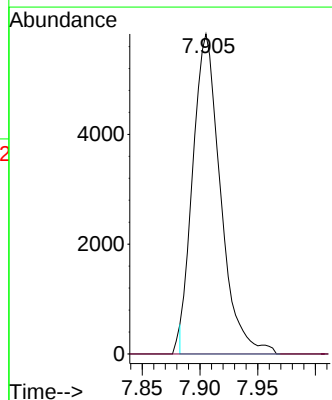
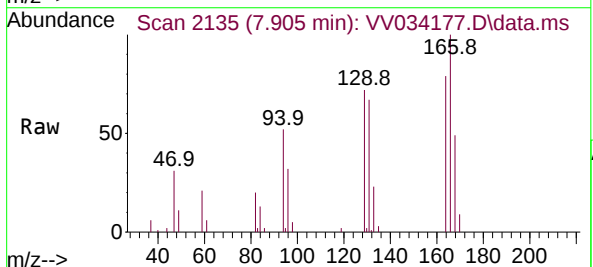
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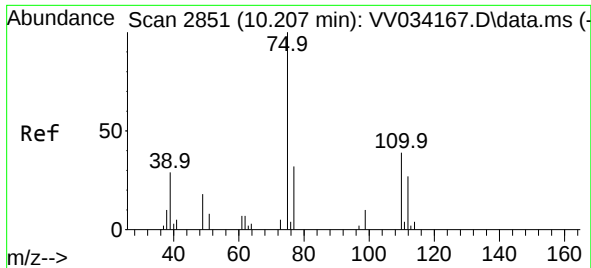
Tgt Ion: 43	Resp: 4769
Ion Ratio	Lower Upper
43 100	
58 53.8	42.6 64.0
57 20.6	15.5 23.3
100 5.5	10.1 15.1#



#49
Dibromochloromethane
Concen: 2.565 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.270 min
Lab File: VV034177.D
Acq: 14 Feb 2024 13:28

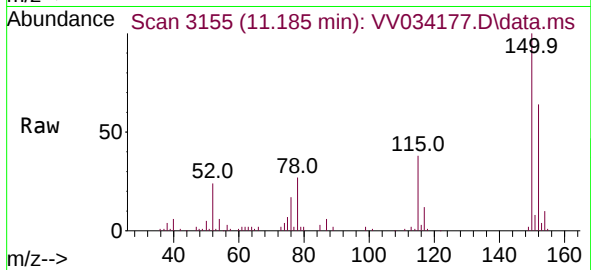
Tgt Ion:129	Resp:	9705	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.5	99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.723 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV034177.D
 Acq: 14 Feb 2024 13:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4391
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.9 40.3
 110 0.0 33.3 49.9#

