

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021424\
 Data File : VW034178.D
 Acq On : 14 Feb 2024 13:51
 Operator : SY/MD
 Sample : P1455-02DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 01:30:02 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)

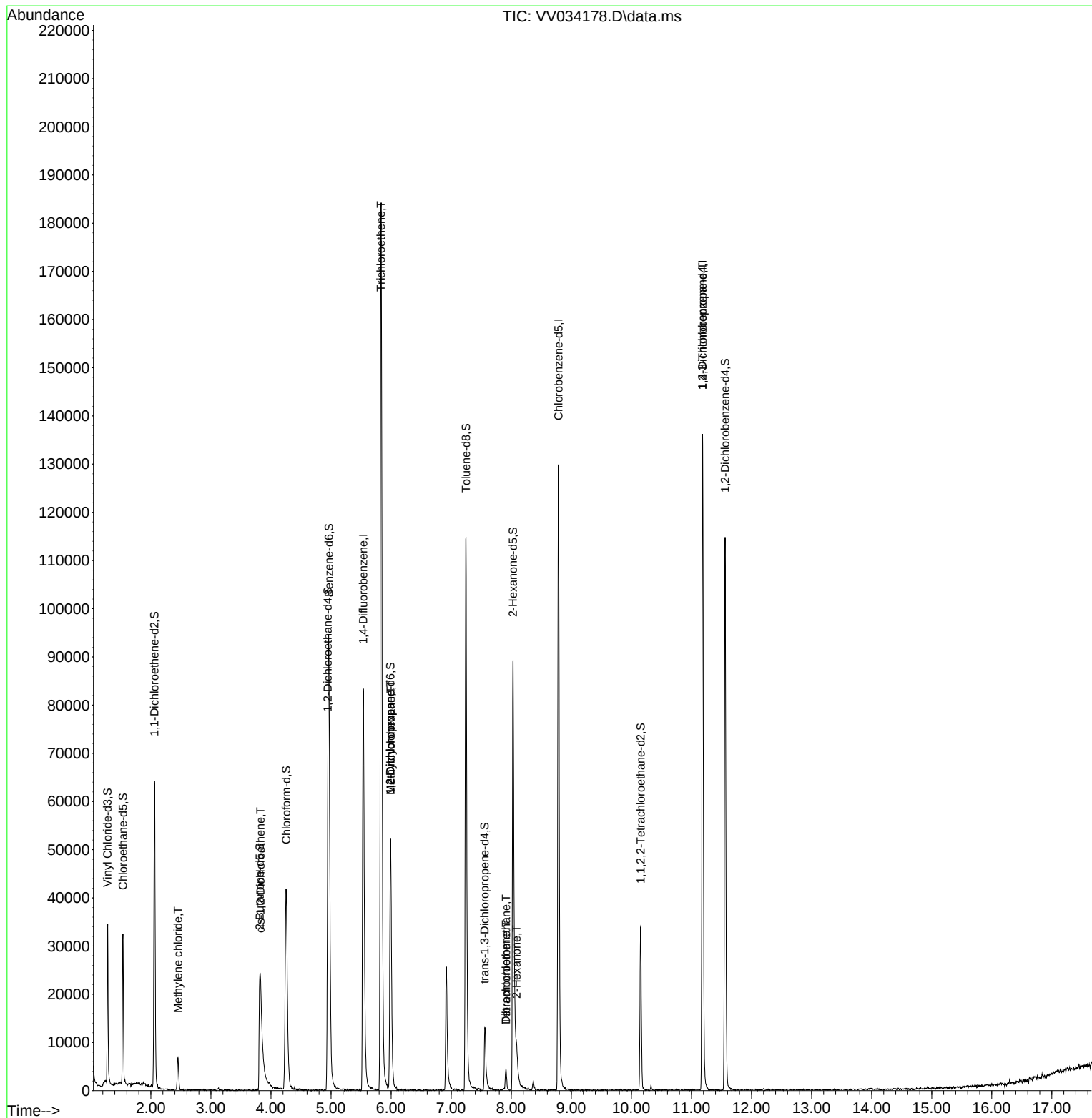
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	73559	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	68660	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20654	3.625	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.536	69	19234	3.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.060	65	10296	3.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.815	46	41402	43.272	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.540%
24) Chloroform-d	4.252	84	45414	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	4.947	65	23313	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.963	84	84628	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	5.989	67	23336	4.053	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.246	98	77367	4.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.558	79	9202	4.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.027	63	31234	40.240	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15232	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	28691	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
16) Methylene chloride	2.452	84	2760	0.560	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	3673	0.619	ug/L	91
34) Trichloroethene	5.831	95	63215	10.607	ug/L	99
35) Methylcyclohexane	5.992	83	6219	0.665	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3298	0.661	ug/L #	87
47) Tetrachloroethene	7.912	164	1136	0.235	ug/L	84
48) 2-Hexanone	8.088	43	4473	2.656	ug/L #	89
49) Dibromochloromethane	7.912	129	1114	0.304	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4203	1.701	ug/L #	62

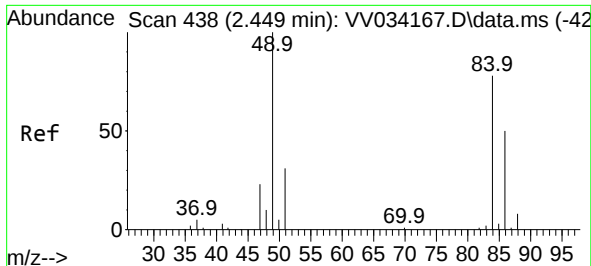
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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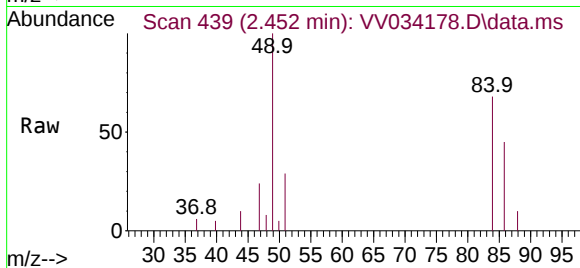
Quant Time: Feb 15 01:30:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
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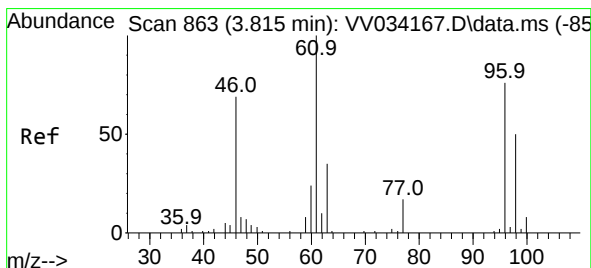
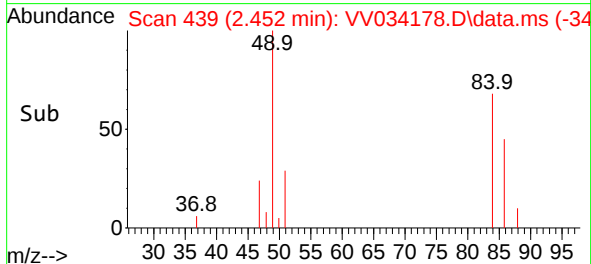
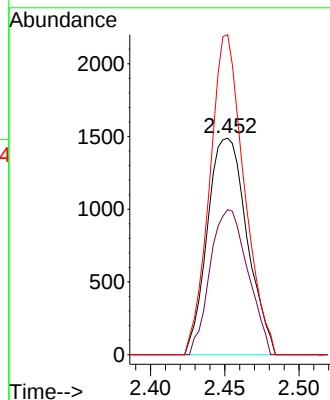
#16
Methylene chloride
Concen: 0.560 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034178.D
Acq: 14 Feb 2024 13:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 2760

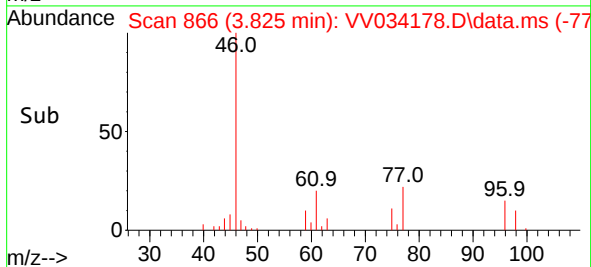
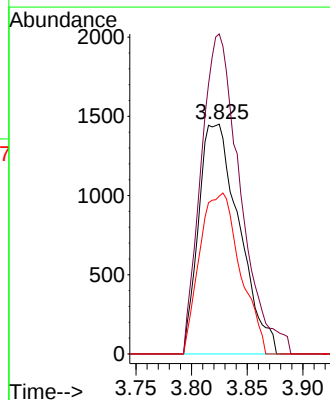
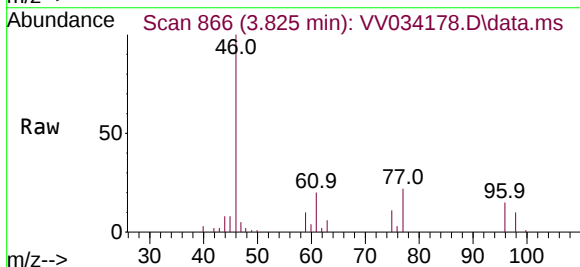
Ion	Ratio	Lower	Upper
84	100		
86	67.1	44.7	83.1
49	147.8	93.7	173.9

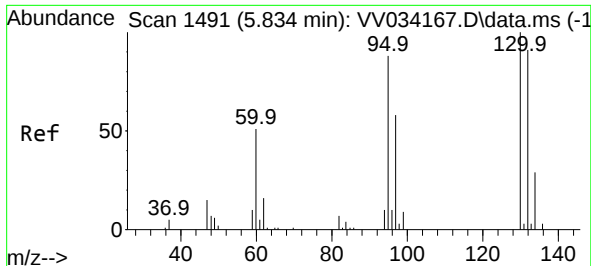


#22
cis-1,2-Dichloroethene
Concen: 0.619 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.010 min
Lab File: VV034178.D
Acq: 14 Feb 2024 13:51

Tgt Ion: 96 Resp: 3673

Ion	Ratio	Lower	Upper
96	100		
61	139.3	90.3	167.7
98	68.7	43.2	80.2

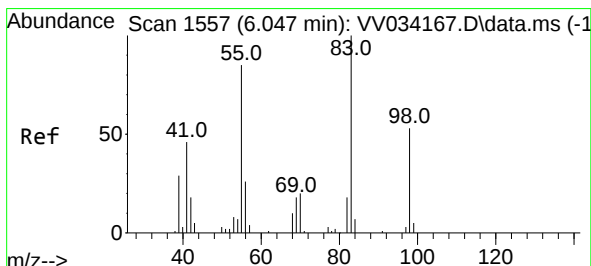
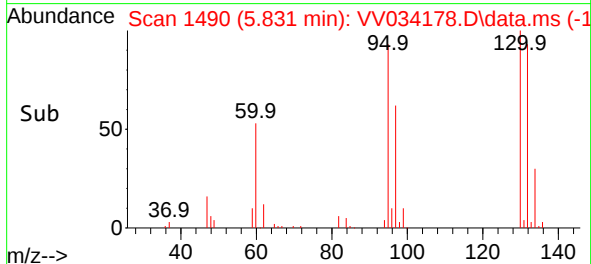
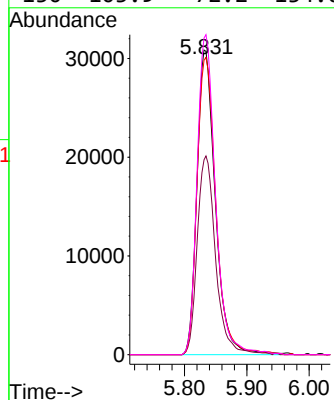
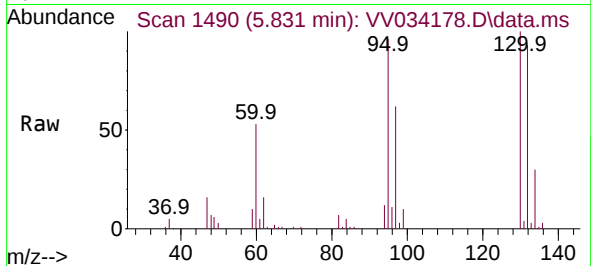




#34
Trichloroethene
Concen: 10.607 ug/L
RT: 5.831 min Scan# 1491
Delta R.T. -0.003 min
Lab File: VV034178.D
Acq: 14 Feb 2024 13:51

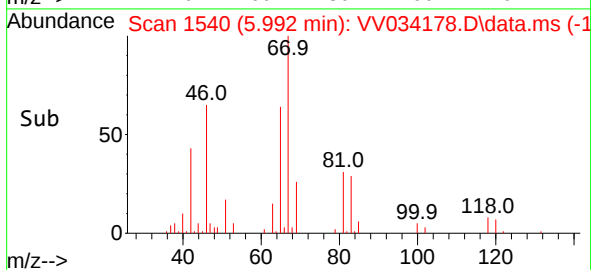
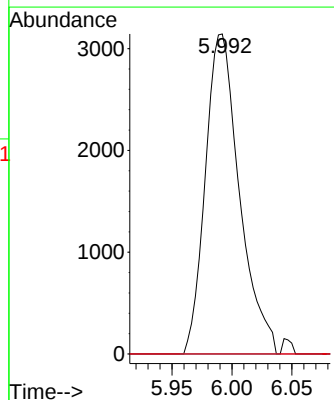
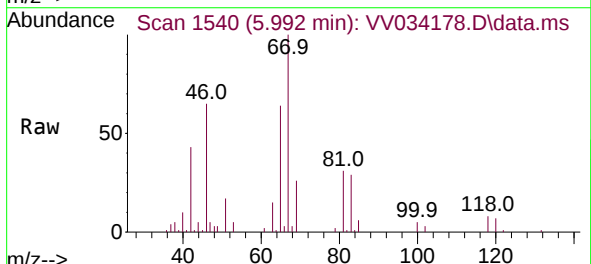
Instrument :
MSVOA_V
ClientSampleId :

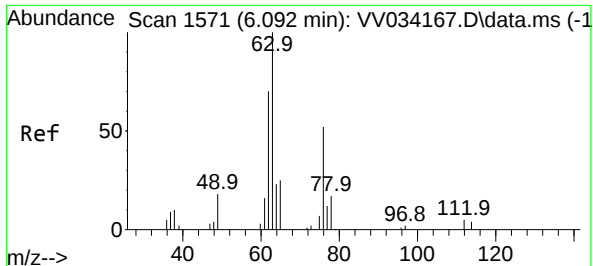
Tgt Ion: 95 Resp: 63215
Ion Ratio Lower Upper
95 100
97 64.0 45.1 83.7
132 96.6 66.0 122.6
130 103.9 72.2 134.0



#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.055 min
Lab File: VV034178.D
Acq: 14 Feb 2024 13:51

Tgt Ion: 83 Resp: 6219
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: 0.661 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034178.D

Acq: 14 Feb 2024 13:51

Instrument :

MSVOA_V

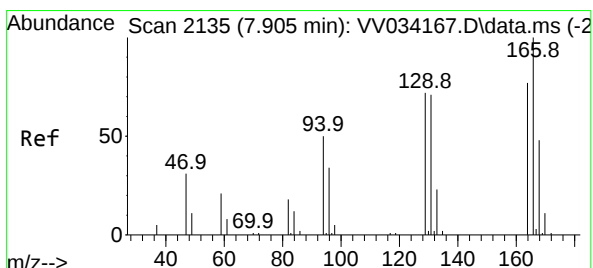
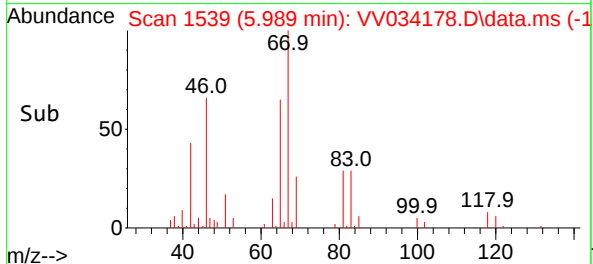
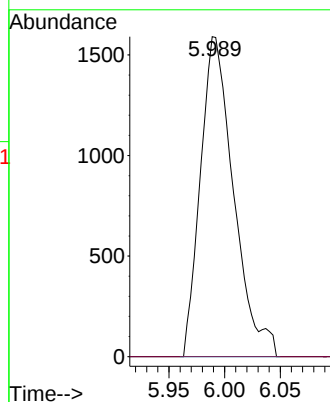
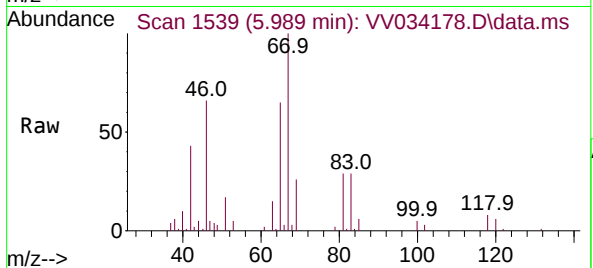
ClientSampleId :

Tgt Ion: 63 Resp: 3298

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#47

Tetrachloroethene

Concen: 0.235 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV034178.D

Acq: 14 Feb 2024 13:51

Tgt Ion:164 Resp: 1136

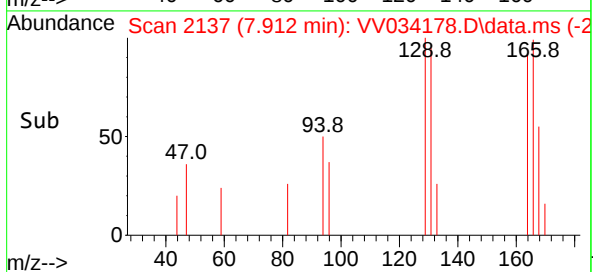
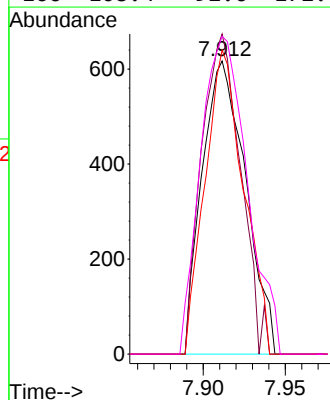
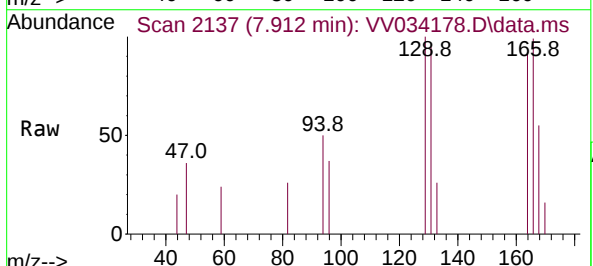
Ion Ratio Lower Upper

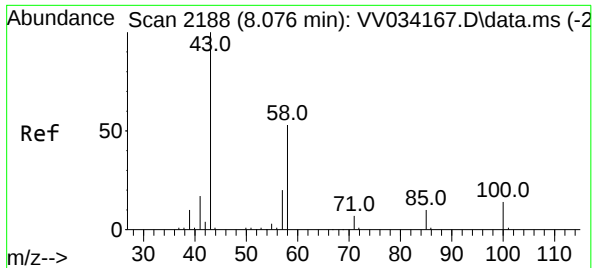
164 100

129 109.2 67.8 125.8

131 103.7 63.0 117.0

166 108.4 92.6 172.0

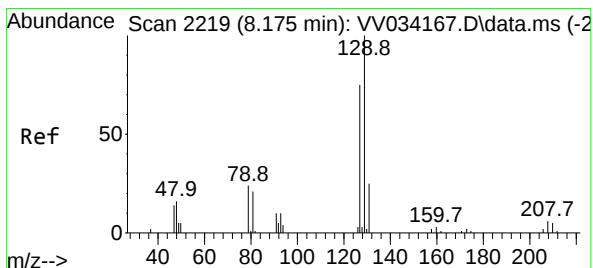
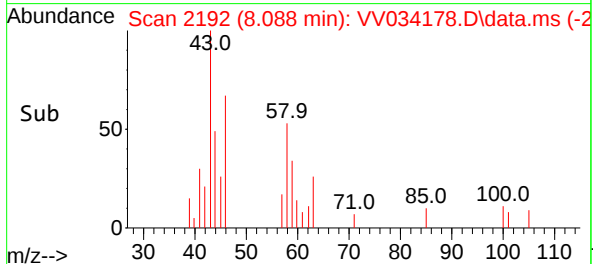
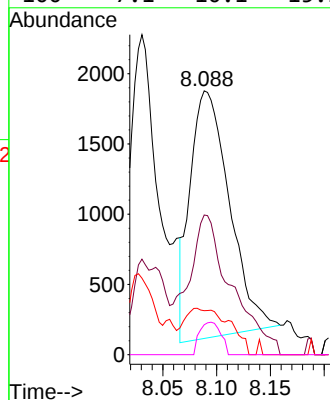
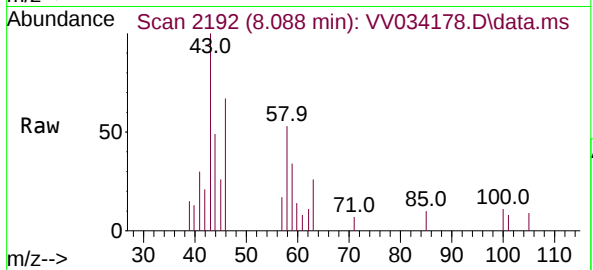




#48
2-Hexanone
Concen: 2.656 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. 0.013 min
Lab File: VV034178.D
Acq: 14 Feb 2024 13:51

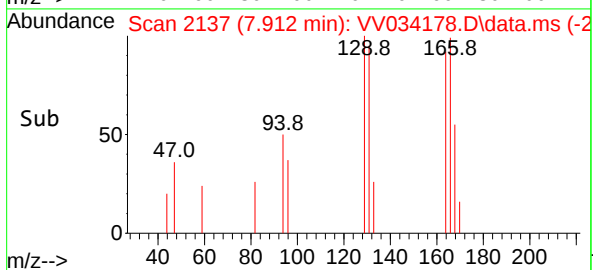
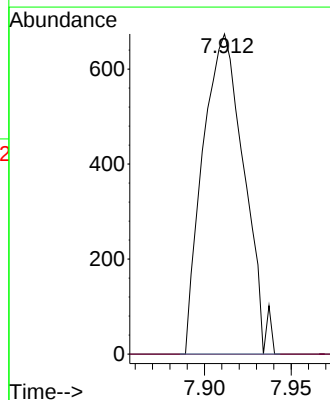
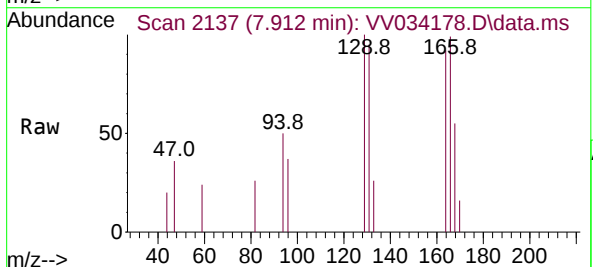
Instrument :
MSVOA_V
ClientSampleId :

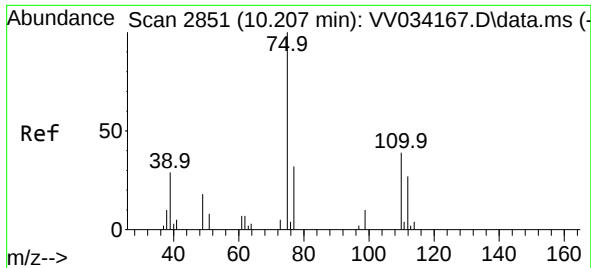
Tgt Ion: 43 Resp: 4473
Ion Ratio Lower Upper
43 100
58 61.9 42.6 64.0
57 21.7 15.5 23.3
100 7.1 10.1 15.1#



#49
Dibromochloromethane
Concen: 0.304 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.264 min
Lab File: VV034178.D
Acq: 14 Feb 2024 13:51

Tgt Ion: 129 Resp: 1114
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.701 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.977 min

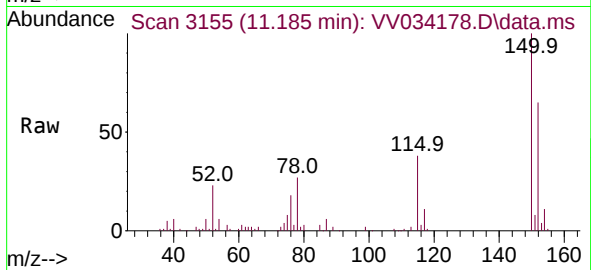
Lab File: VV034178.D

Acq: 14 Feb 2024 13:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4203

Ion Ratio Lower Upper

75 100

77 37.5 26.9 40.3

110 1.4 33.3 49.9#

