

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041724\
 Data File : VV035259.D
 Acq On : 17 Apr 2024 11:29
 Operator : SY/MD
 Sample : P2100-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 00:41:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 00:40:19 2024
 Response via : Initial Calibration

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

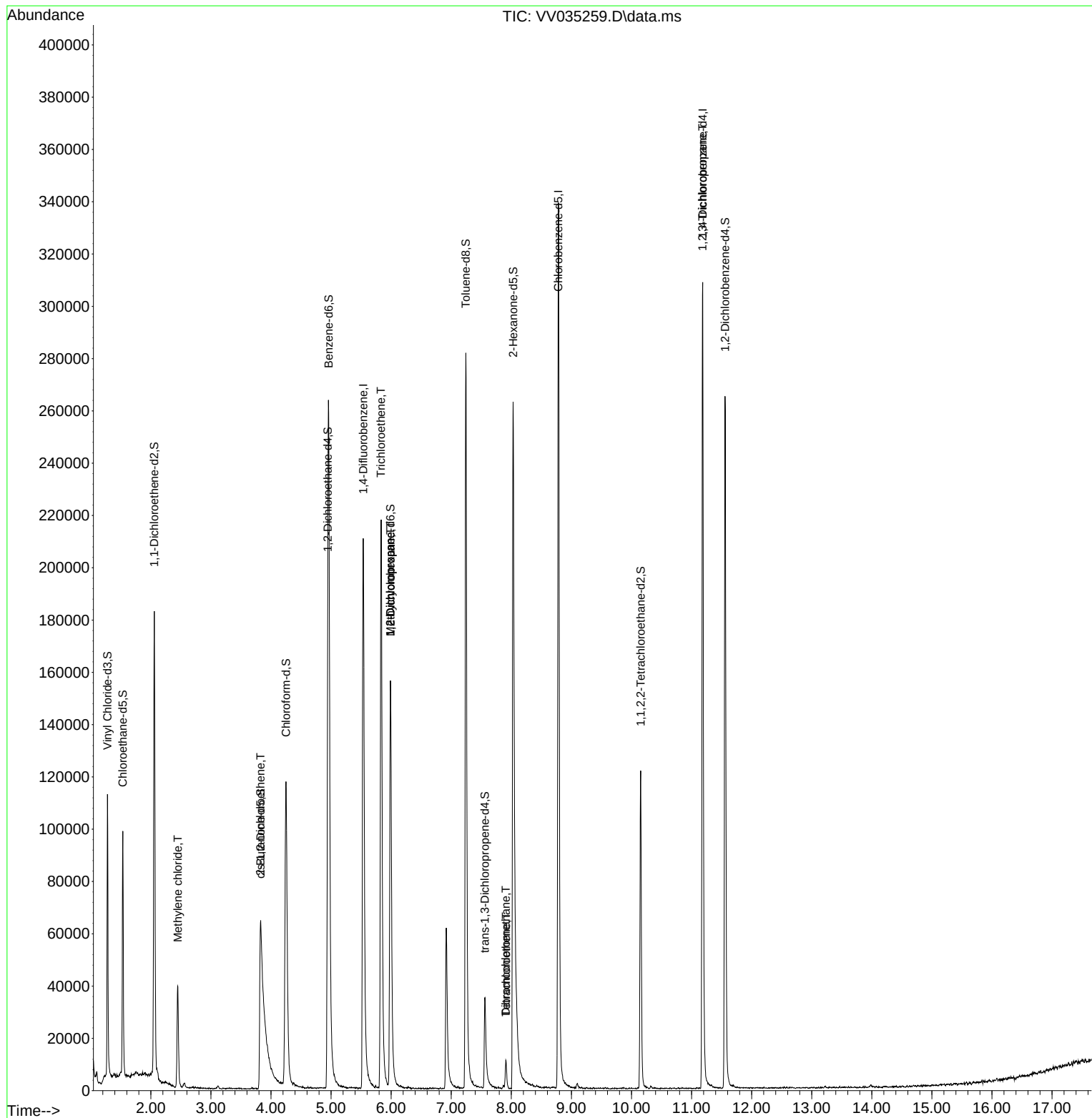
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	190714	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	194772	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82276	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70032	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.532	69	60082	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.056	65	30442	4.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	3.828	46	152996	50.653	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.300%
24) Chloroform-d	4.249	84	127882	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.944	65	65326	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	4.960	84	243023	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	5.989	67	81185	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.243	98	192867	3.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.561	79	25310	4.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.030	63	104665	40.918	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.840%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	61500	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	71524	4.891	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	16528	0.906	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	12242	0.805	ug/L	97
34) Trichloroethene	5.831	95	82758	5.139	ug/L	98
35) Methylcyclohexane	5.989	83	18528	0.764	ug/L #	18
37) 1,2-Dichloropropane	5.989	63	8720	0.539	ug/L #	88
47) Tetrachloroethene	7.912	164	2590	0.203	ug/L	94
49) Dibromochloromethane	7.908	129	2509	0.216	ug/L #	10
61) 1,2,3-Trichloropropane	11.181	75	10328	1.250	ug/L #	65

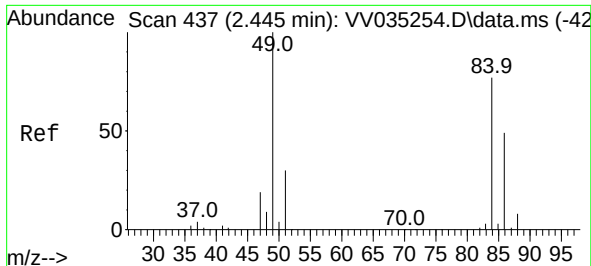
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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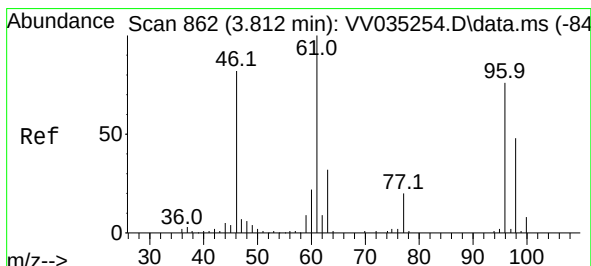
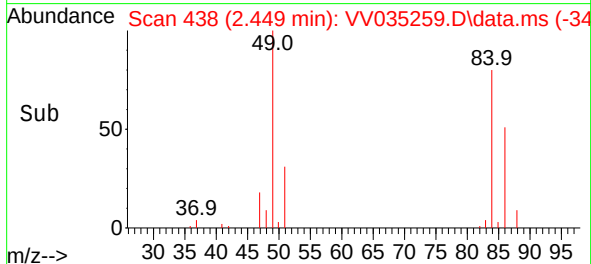
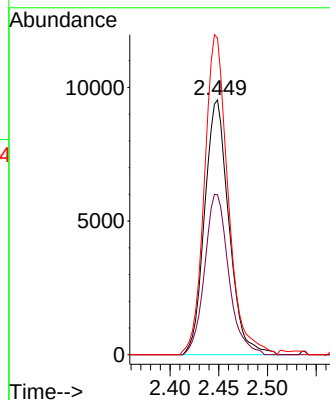
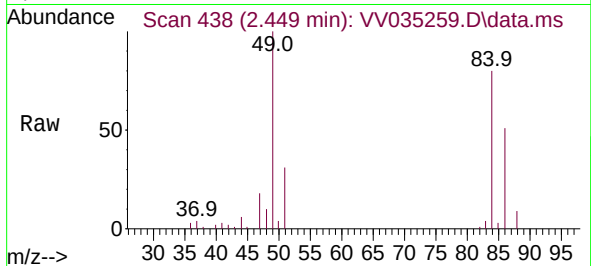




#16
Methylene chloride
Concen: 0.906 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035259.D
Acq: 17 Apr 2024 11:29

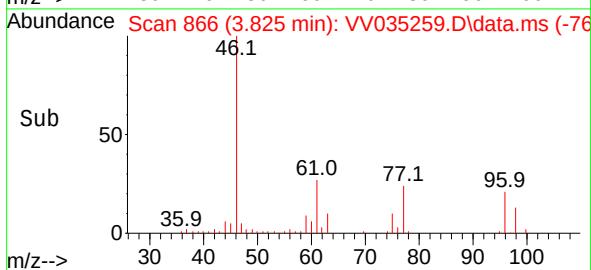
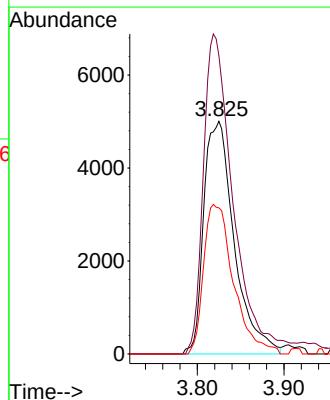
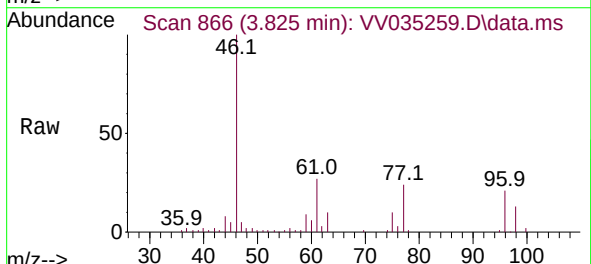
Instrument :
MSVOA_V
ClientSampleId :

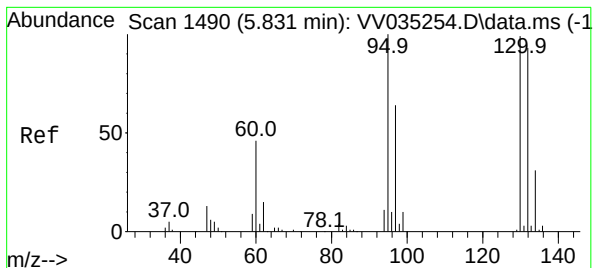
Tgt Ion: 84 Resp: 16528
Ion Ratio Lower Upper
84 100
86 62.8 45.6 84.6
49 124.3 89.5 166.1



#22
cis-1,2-Dichloroethene
Concen: 0.805 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.013 min
Lab File: VV035259.D
Acq: 17 Apr 2024 11:29

Tgt Ion: 96 Resp: 12242
Ion Ratio Lower Upper
96 100
61 128.1 92.8 172.4
98 62.8 45.5 84.5





#34

Trichloroethene

Concen: 5.139 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV035259.D

Acq: 17 Apr 2024 11:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 82758

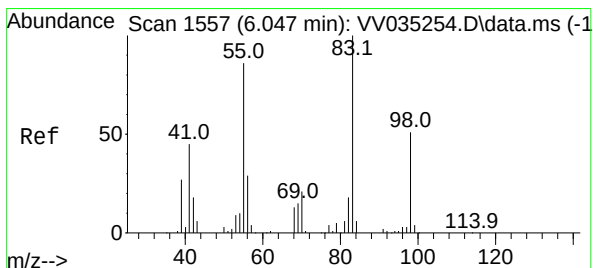
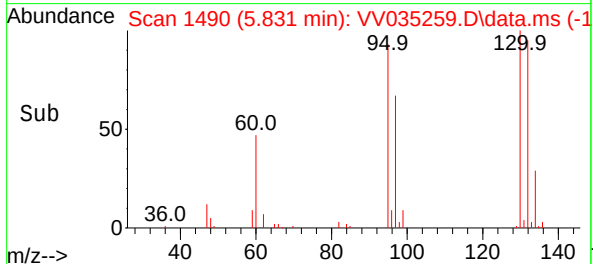
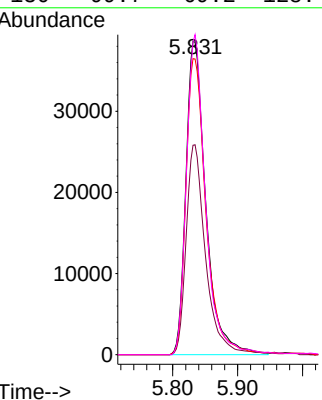
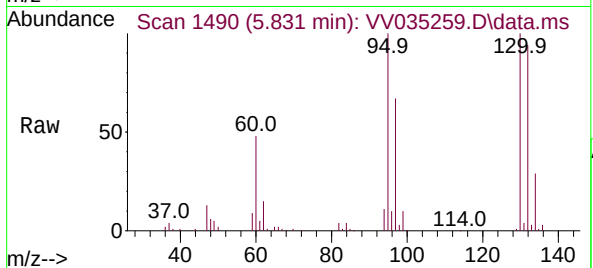
Ion Ratio Lower Upper

95 100

97 66.9 44.7 82.9

132 94.5 64.8 120.3

130 99.7 69.2 128.4



#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035259.D

Acq: 17 Apr 2024 11:29

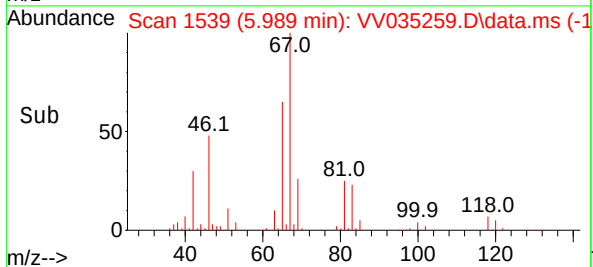
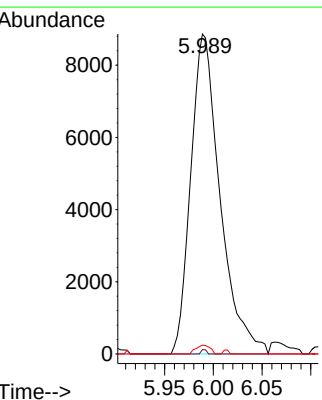
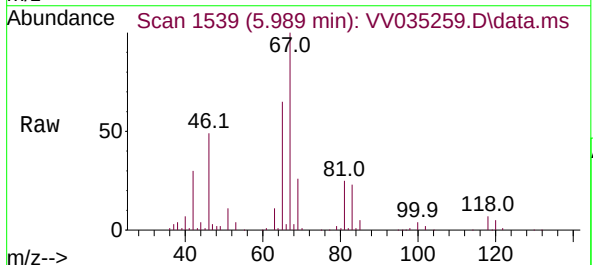
Tgt Ion: 83 Resp: 18528

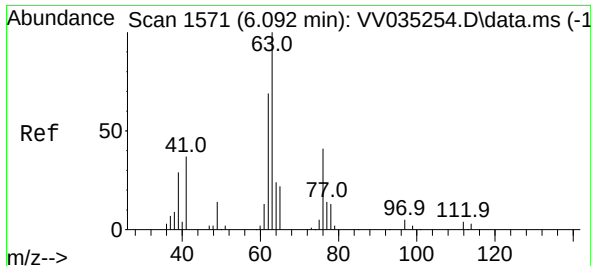
Ion Ratio Lower Upper

83 100

55 0.2 63.8 95.6#

98 1.3 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV035259.D

Acq: 17 Apr 2024 11:29

Instrument :

MSVOA_V

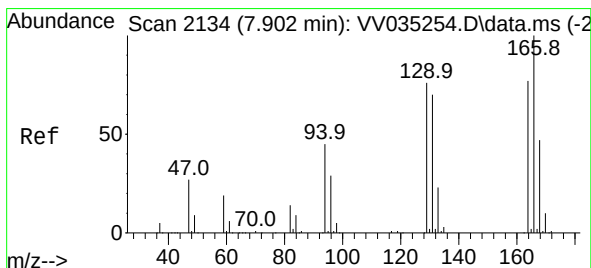
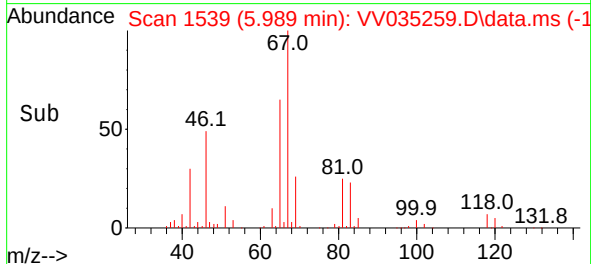
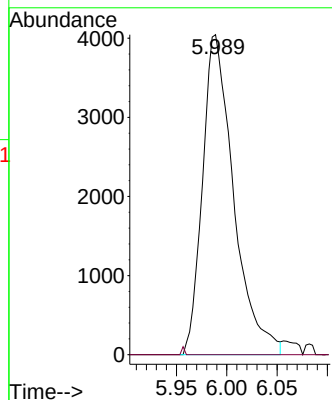
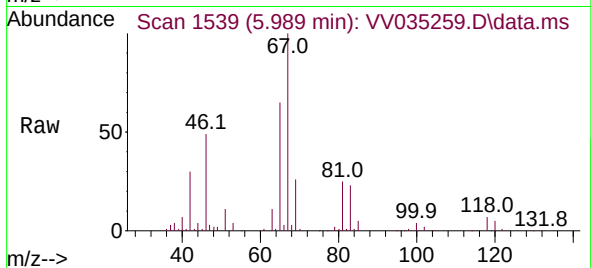
ClientSampleId :

Tgt Ion: 63 Resp: 8720

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.203 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.010 min

Lab File: VV035259.D

Acq: 17 Apr 2024 11:29

Tgt Ion: 164 Resp: 2590

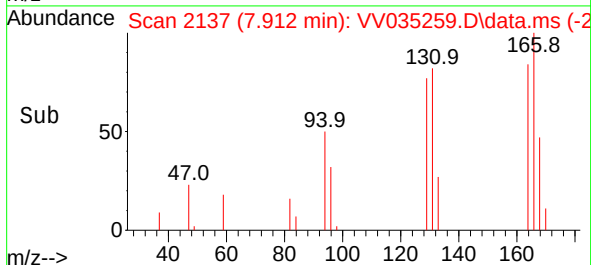
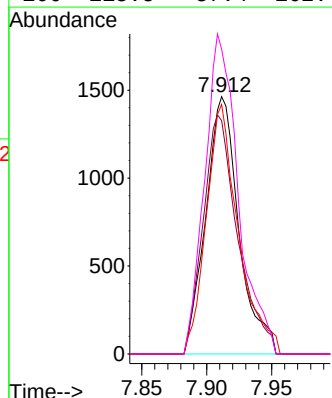
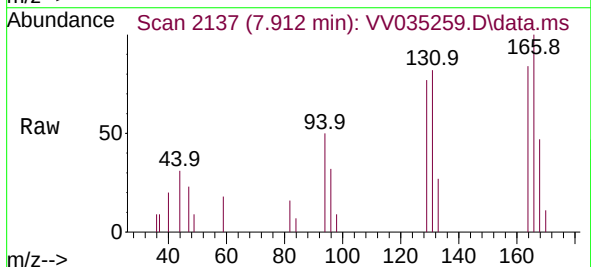
Ion Ratio Lower Upper

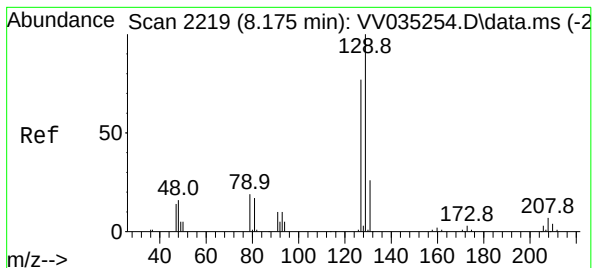
164 100

129 90.7 65.3 121.3

131 97.0 60.9 113.1

166 118.5 87.4 162.4





#49

Dibromochloromethane

Concen: 0.216 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV035259.D

Acq: 17 Apr 2024 11:29

Instrument :

MSVOA_V

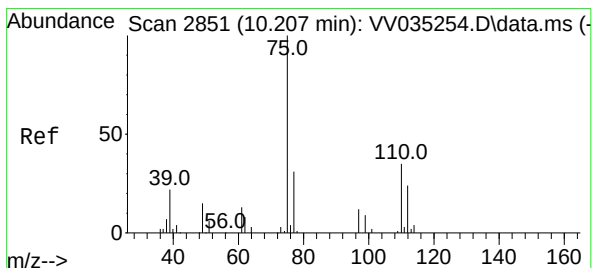
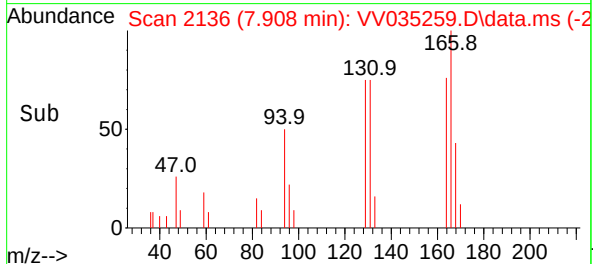
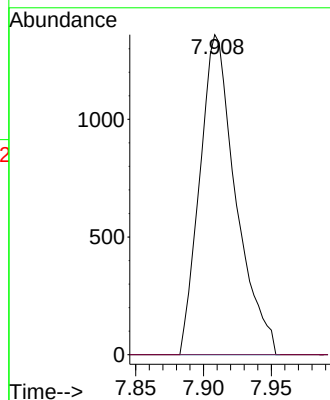
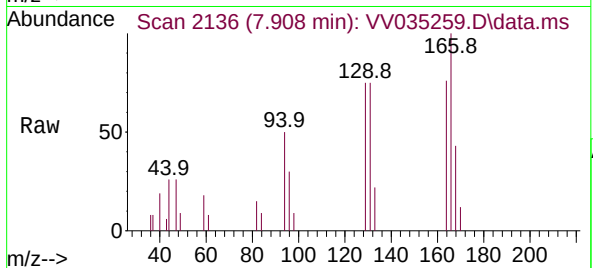
ClientSampleId :

Tgt Ion:129 Resp: 2509

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.250 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.974 min

Lab File: VV035259.D

Acq: 17 Apr 2024 11:29

Tgt Ion: 75 Resp: 10328

Ion Ratio Lower Upper

75 100

77 34.9 25.3 37.9

110 1.5 29.6 44.4#

