

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
 Data File : VV036738.D
 Acq On : 26 Jul 2024 18:01
 Operator : SY/MD
 Sample : P3382-03
 Misc : 8.81g/5.00mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 27 04:18:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 04:14:21 2024
 Response via : Initial Calibration

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

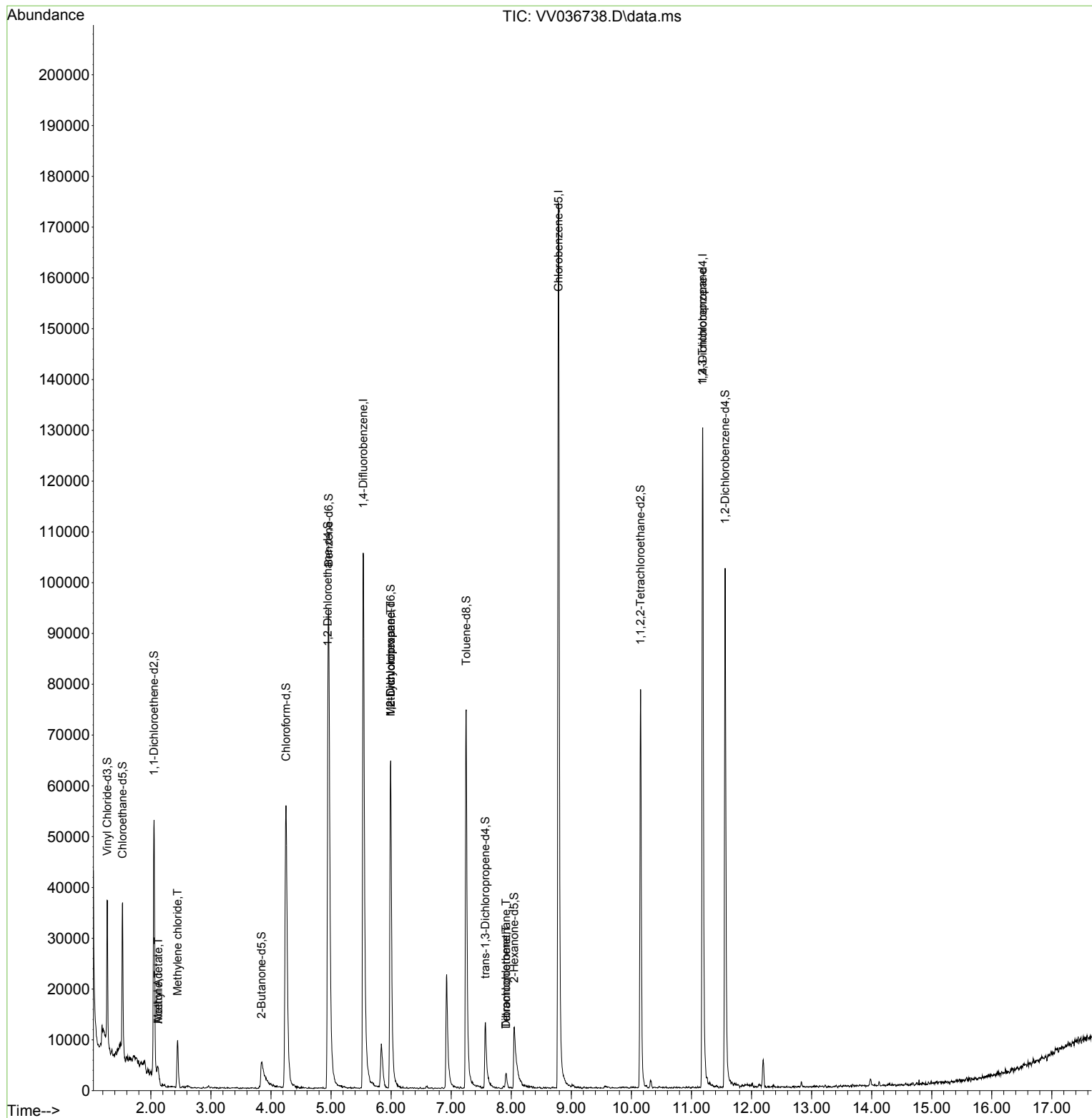
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	106143	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	116242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41145	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	17996	15.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.920%
7) Chloroethane-d5	1.529	69	19777	18.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.360%
11) 1,1-Dichloroethene-d2	2.053	65	8472	13.783	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.120%
21) 2-Butanone-d5	3.841	46	2692	9.922	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.840%#
24) Chloroform-d	4.249	84	66479	23.682	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	4.947	65	35626	25.724	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.880%
32) Benzene-d6	4.960	84	84637	15.363	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.440%
36) 1,2-Dichloropropane-d6	5.992	67	34281	21.838	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.360%
41) Toluene-d8	7.249	98	59989	11.410	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	=	45.640%
43) trans-1,3-Dichloroprop...	7.567	79	10648	15.259	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.040%
47) 2-Hexanone-d5	8.050	63	4360	20.870	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.740%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	39627	28.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.840%
66) 1,2-Dichlorobenzene-d4	11.561	152	31353	21.829	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.320%
Target Compounds						
					Qvalue	
13) Acetone	2.124	43	2022	4.588	ug/L #	55
15) Methyl Acetate	2.124	43	1990	3.870	ug/L #	40
16) Methylene chloride	2.445	84	4819	2.440	ug/L	88
35) Methylcyclohexane	5.992	83	9105	3.165	ug/L #	22
37) 1,2-Dichloropropane	5.992	63	3718	2.447	ug/L #	82
46) Tetrachloroethene	7.915	164	1021	0.476	ug/L	82
49) Dibromochloromethane	7.915	129	963	0.516	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	3847	5.304	ug/L #	52

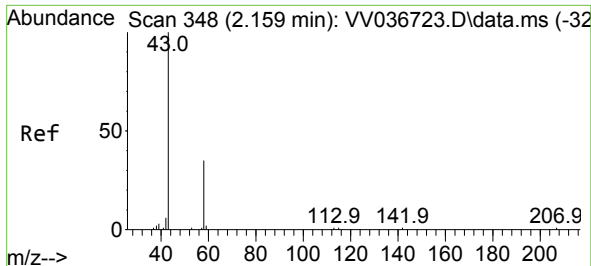
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jul 27 04:14:21 2024
Response via : Initial Calibration

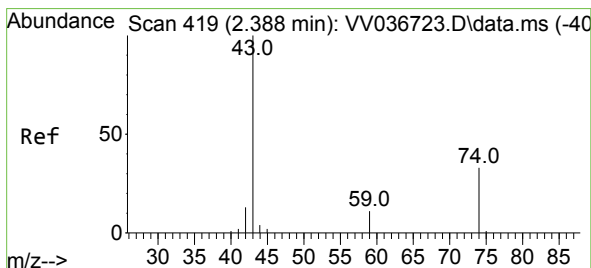
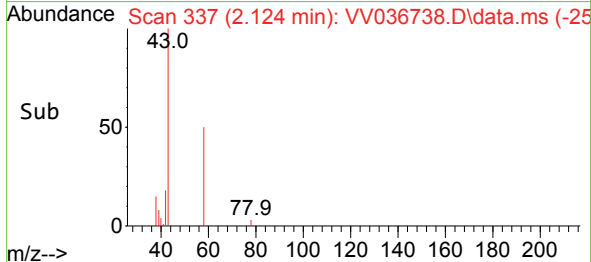
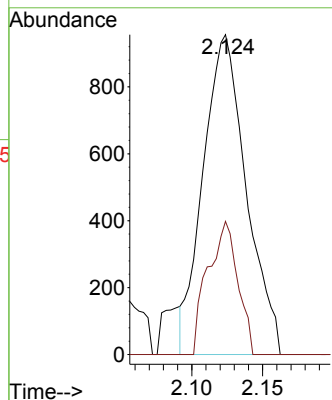
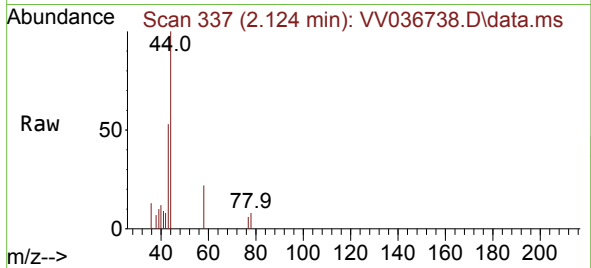




#13
Acetone
Concen: 4.588 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.035 min
Lab File: VV036738.D
Acq: 26 Jul 2024 18:01

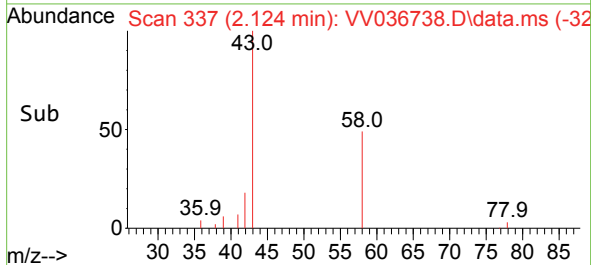
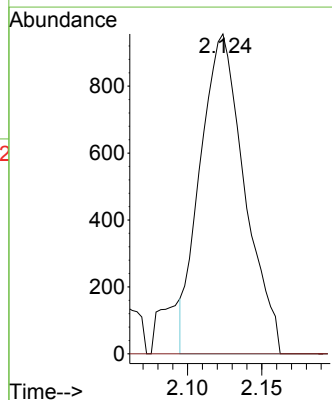
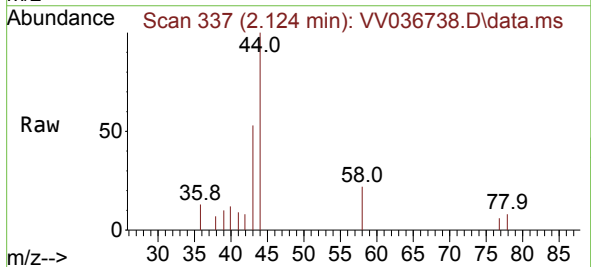
Instrument :
MSVOA_V
ClientSampleId :

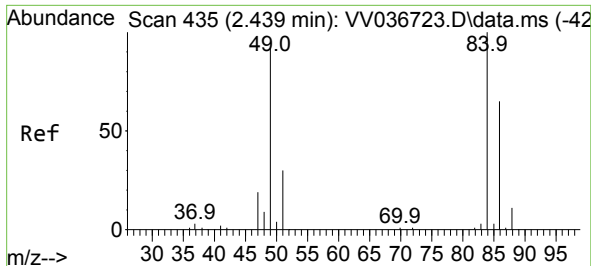
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 28.9 0.0 23.0#



#15
Methyl Acetate
Concen: 3.870 ug/L
RT: 2.124 min Scan# 337
Delta R.T. -0.264 min
Lab File: VV036738.D
Acq: 26 Jul 2024 18:01

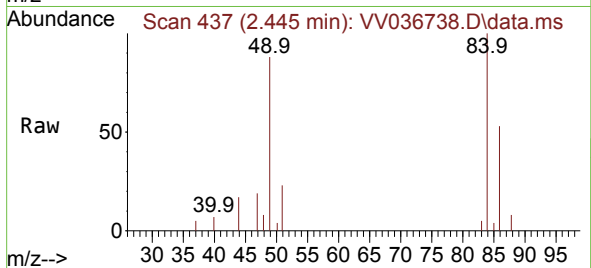
Tgt Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
74 0.0 27.8 41.8#



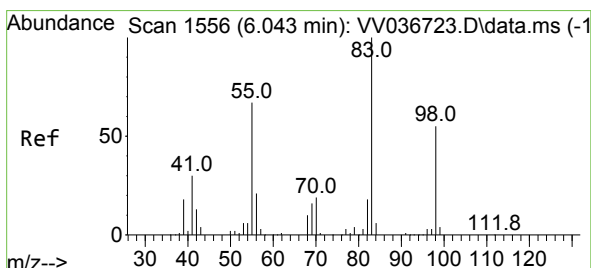
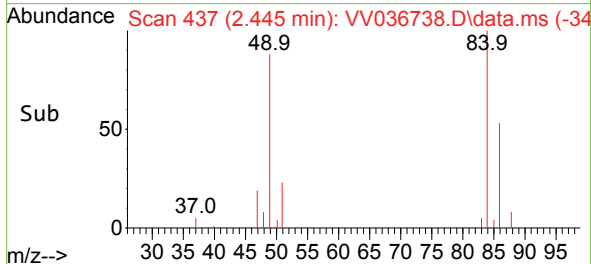
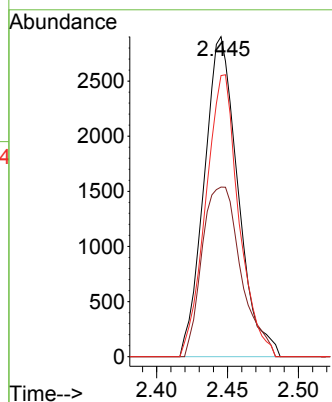


#16
Methylene chloride
Concen: 2.440 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV036738.D
Acq: 26 Jul 2024 18:01

Instrument :
MSVOA_V
ClientSampleId :

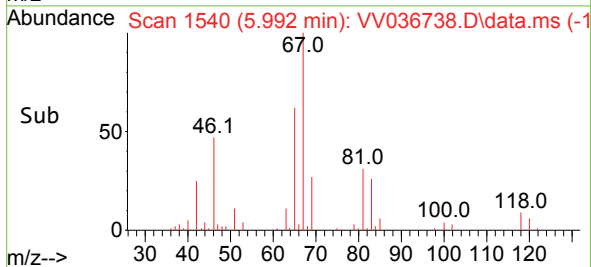
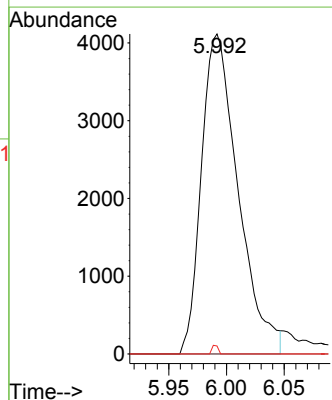
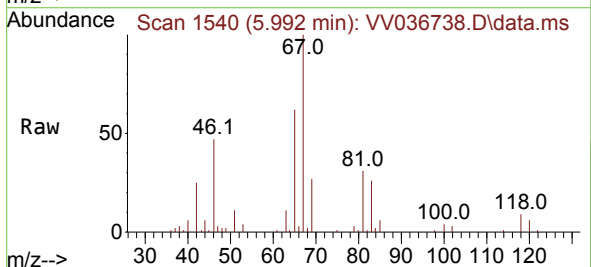


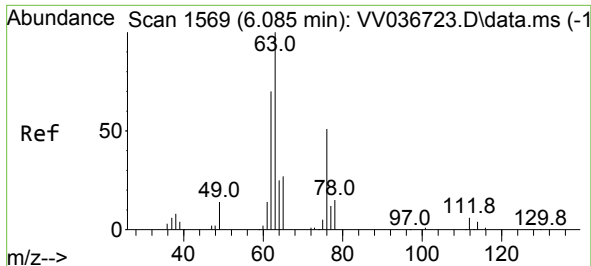
Tgt Ion: 84 Resp: 4819
Ion Ratio Lower Upper
84 100
86 53.0 47.2 87.6
49 87.8 67.3 125.1



#35
Methylcyclohexane
Concen: 3.165 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.052 min
Lab File: VV036738.D
Acq: 26 Jul 2024 18:01

Tgt Ion: 83 Resp: 9105
Ion Ratio Lower Upper
83 100
55 0.0 50.8 76.2#
98 0.5 41.3 61.9#





#37

1,2-Dichloropropane

Concen: 2.447 ug/L

RT: 5.992 min Scan# 11

Delta R.T. -0.093 min

Lab File: VV036738.D

Acq: 26 Jul 2024 18:01

Instrument :

MSVOA_V

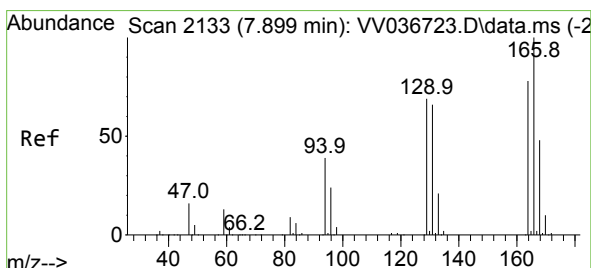
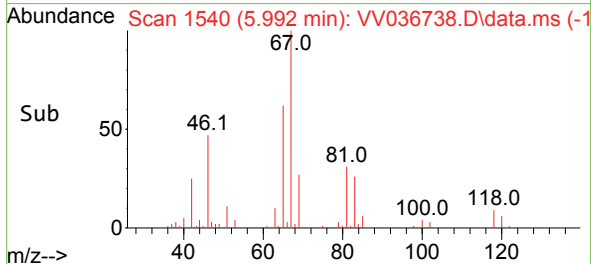
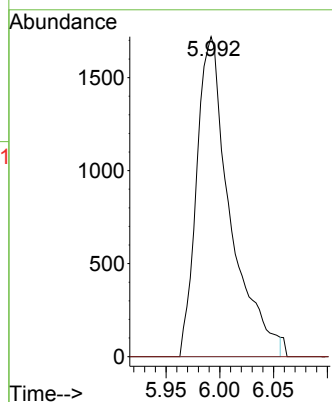
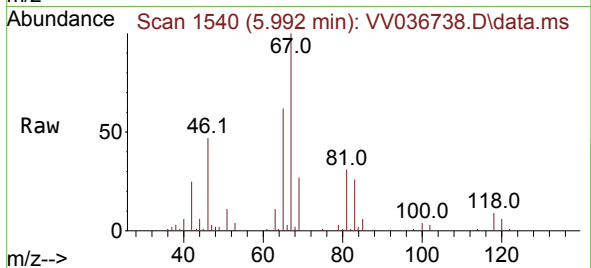
ClientSampleId :

Tgt Ion: 63 Resp: 3718

Ion Ratio Lower Upper

63 100

112 0.0 4.8 7.2#



#46

Tetrachloroethene

Concen: 0.476 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.016 min

Lab File: VV036738.D

Acq: 26 Jul 2024 18:01

Tgt Ion: 164 Resp: 1021

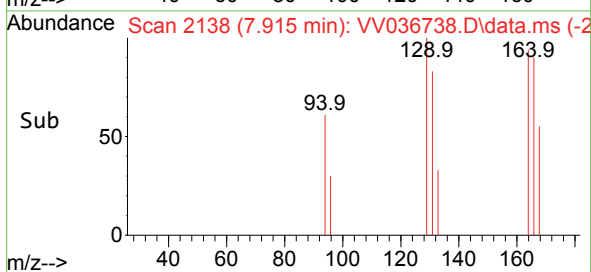
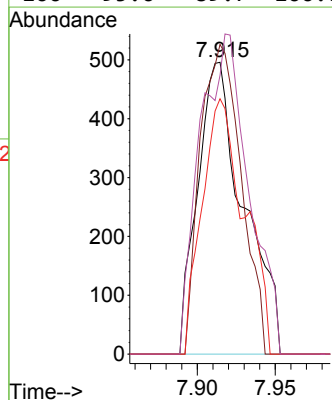
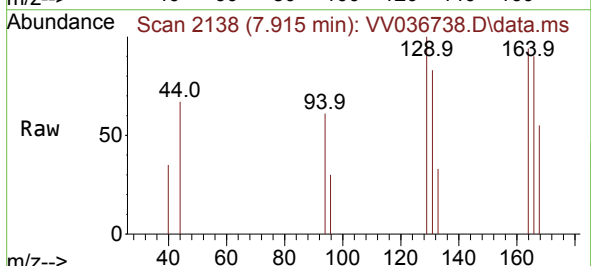
Ion Ratio Lower Upper

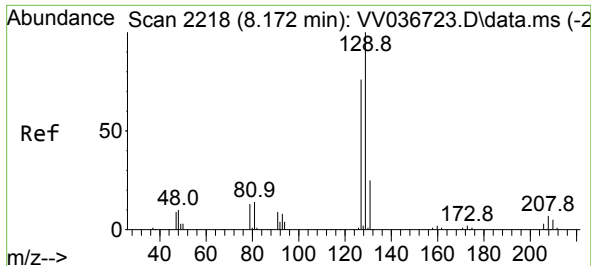
164 100

129 106.0 61.0 113.2

131 87.5 60.1 111.5

166 95.6 89.7 166.7





#49

Dibromochloromethane

Concen: 0.516 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.257 min

Lab File: VV036738.D

Acq: 26 Jul 2024 18:01

Instrument :

MSVOA_V

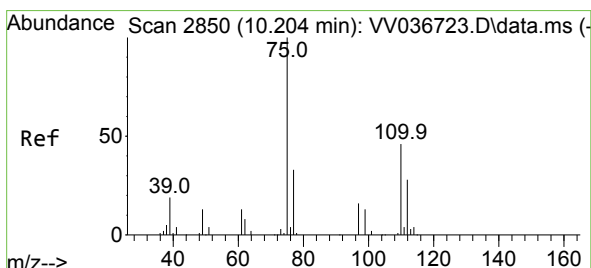
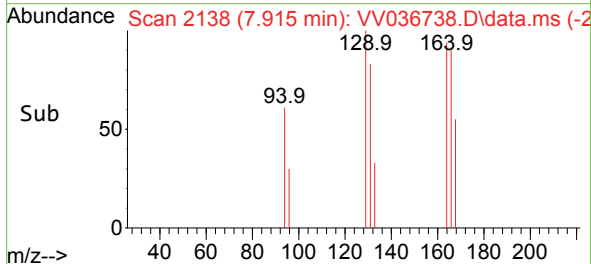
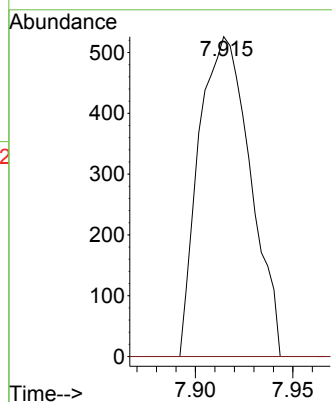
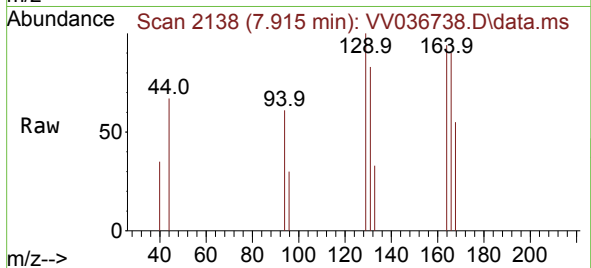
ClientSampleId :

Tgt Ion:129 Resp: 963

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 5.304 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.981 min

Lab File: VV036738.D

Acq: 26 Jul 2024 18:01

Tgt Ion: 75 Resp: 3847

Ion Ratio Lower Upper

75 100

77 43.1 25.9 38.9#

110 0.0 36.2 54.4#

