

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
 Data File : VV036247.D
 Acq On : 24 Jun 2024 15:38
 Operator : SY/MD
 Sample : P2897-19
 Misc : 5.04g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 25 04:58:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 04:55:15 2024
 Response via : Initial Calibration

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

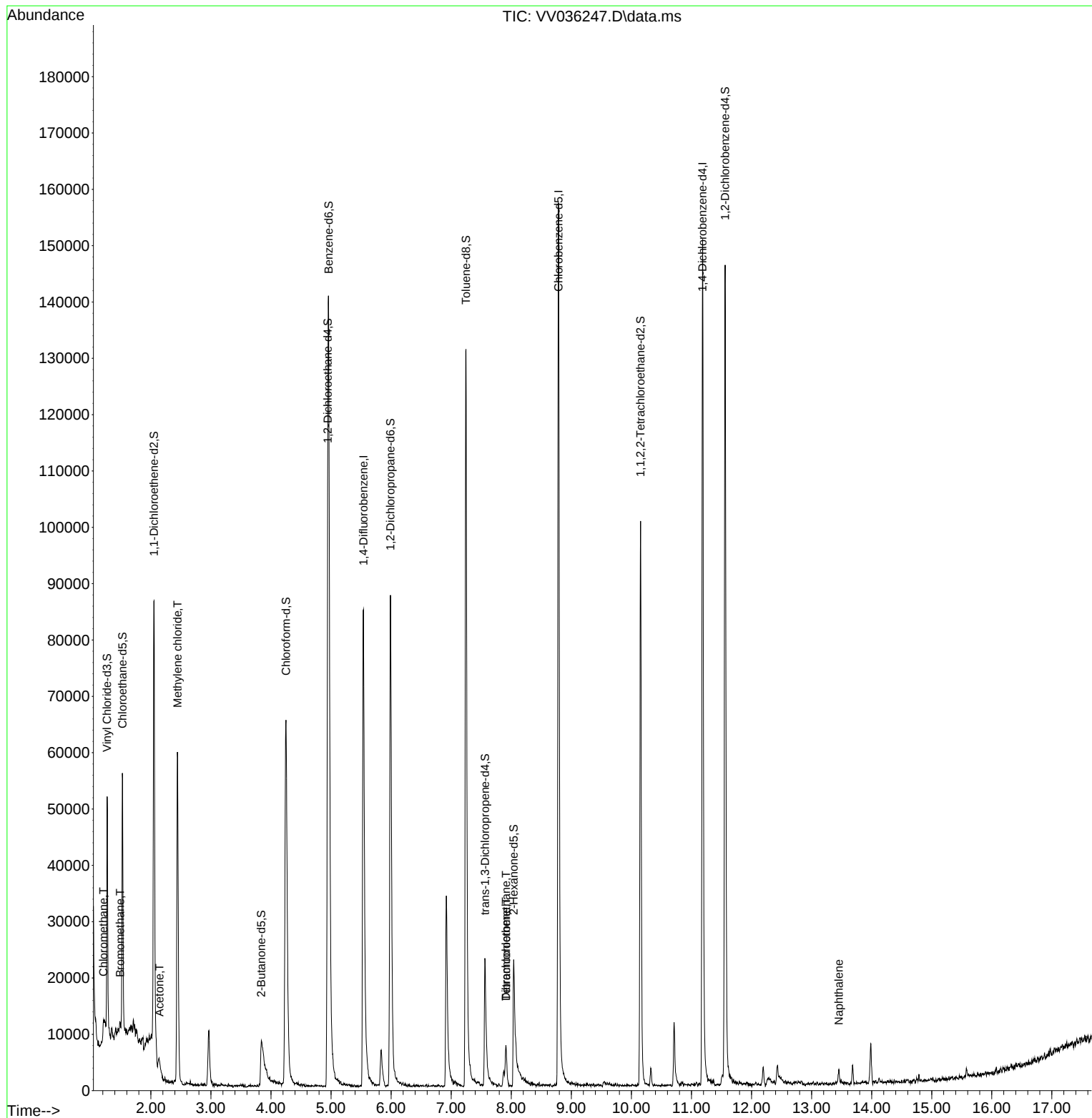
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	77107	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	89340	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	41808	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	25548	18.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.080%
7) Chloroethane-d5	1.526	69	29571	26.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.640%
11) 1,1-Dichloroethene-d2	2.053	65	13672	21.664	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.640%
21) 2-Butanone-d5	3.838	46	4100	12.606	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	25.220%
24) Chloroform-d	4.249	84	73115	29.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.320%
26) 1,2-Dichloroethane-d4	4.944	65	44760	34.825	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	139.320%#
32) Benzene-d6	4.960	84	122849	23.133	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	5.989	67	44592	26.664	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.640%
41) Toluene-d8	7.246	98	96964	20.694	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.760%
43) trans-1,3-Dichloroprop...	7.564	79	15527	22.644	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.560%
47) 2-Hexanone-d5	8.040	63	8481	37.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.860%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	50304	40.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	161.000%#
66) 1,2-Dichlorobenzene-d4	11.561	152	39891	26.019	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.080%
Target Compounds						Qvalue
3) Chloromethane	1.211	50	928	0.582	ug/L	97
6) Bromomethane	1.487	94	530	0.509	ug/L	95
13) Acetone	2.143	43	5321	10.502	ug/L	80
16) Methylene chloride	2.442	84	25722	14.742	ug/L	94
46) Tetrachloroethene	7.911	164	1892	1.445	ug/L	90
49) Dibromochloromethane	7.911	129	1506	1.084	ug/L #	11
71) Naphthalene	13.455	128	2546	0.940	ug/L #	95

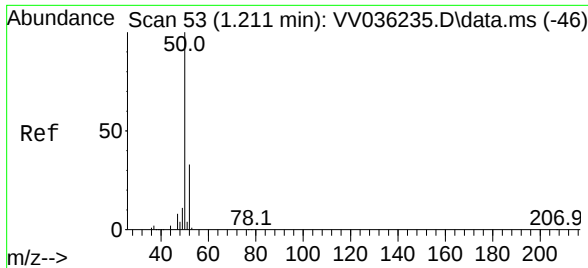
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
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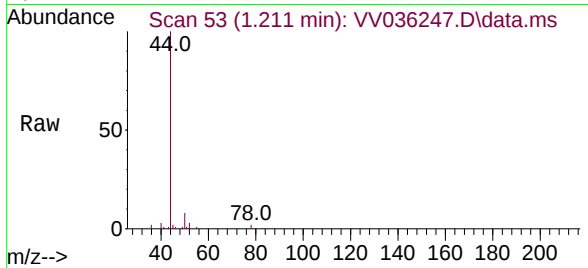
Quant Time: Jun 25 04:58:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 04:55:15 2024
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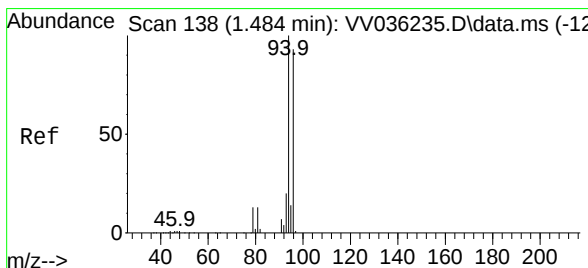
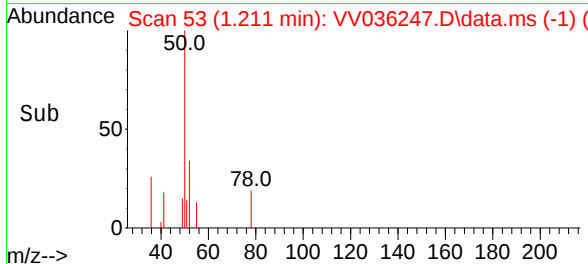
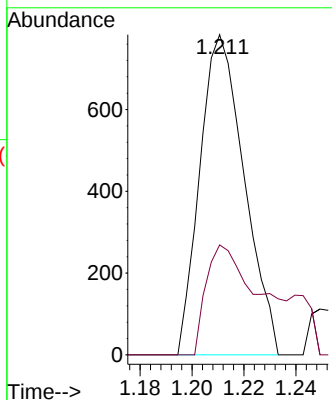


#3
Chloromethane
Concen: 0.582 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV036247.D
Acq: 24 Jun 2024 15:38

Instrument :
MSVOA_V
ClientSampleId :

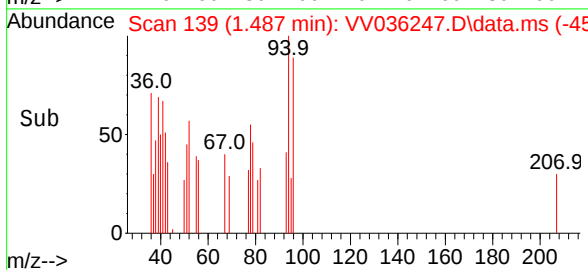
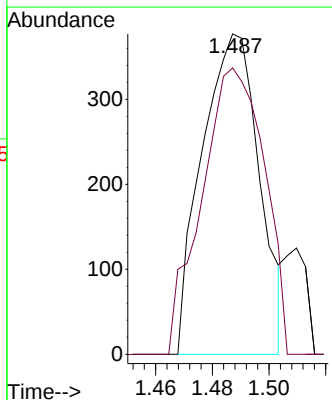
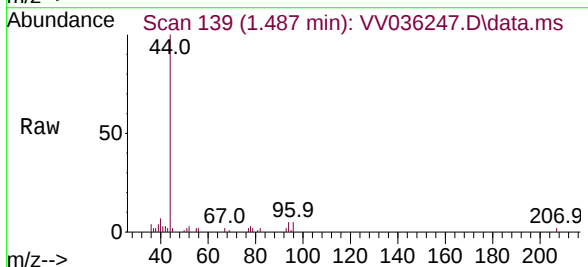


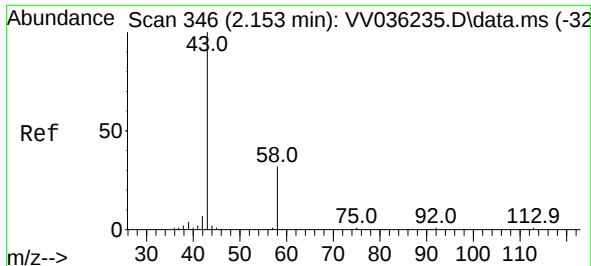
Tgt Ion: 50 Resp: 928
Ion Ratio Lower Upper
50 100
52 34.4 22.8 42.4



#6
Bromomethane
Concen: 0.509 ug/L
RT: 1.487 min Scan# 139
Delta R.T. 0.003 min
Lab File: VV036247.D
Acq: 24 Jun 2024 15:38

Tgt Ion: 94 Resp: 530
Ion Ratio Lower Upper
94 100
96 89.4 65.7 122.1





#13

Acetone

Concen: 10.502 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV036247.D

Acq: 24 Jun 2024 15:38

Instrument :

MSVOA_V

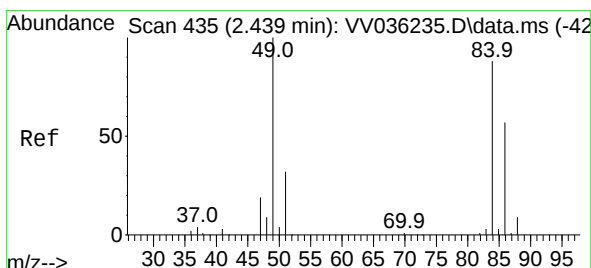
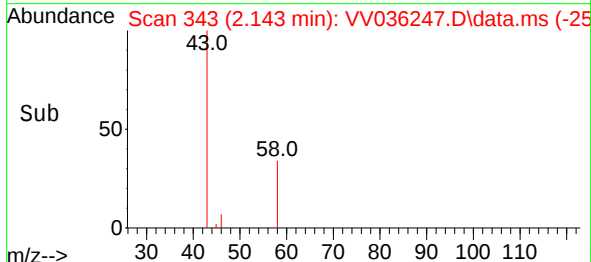
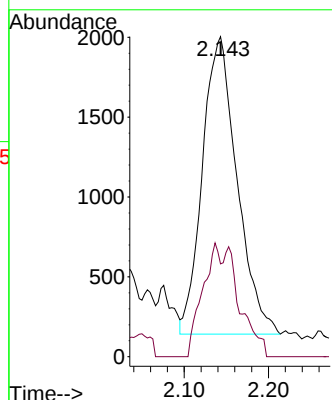
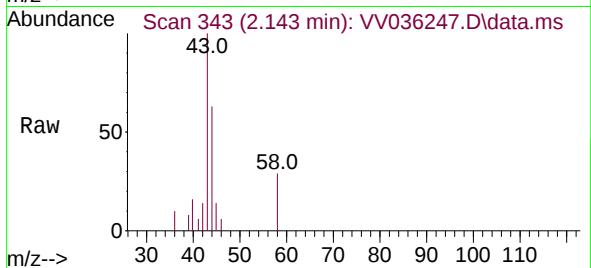
ClientSampleId :

Tgt Ion: 43 Resp: 5321

Ion Ratio Lower Upper

43 100

58 19.7 0.0 24.2



#16

Methylene chloride

Concen: 14.742 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036247.D

Acq: 24 Jun 2024 15:38

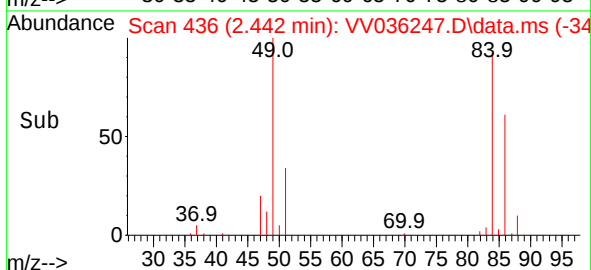
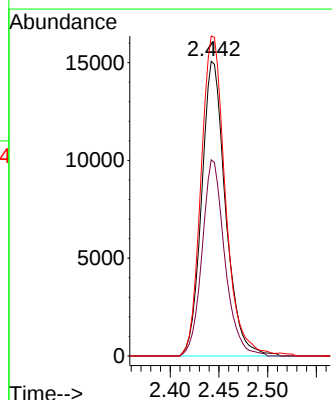
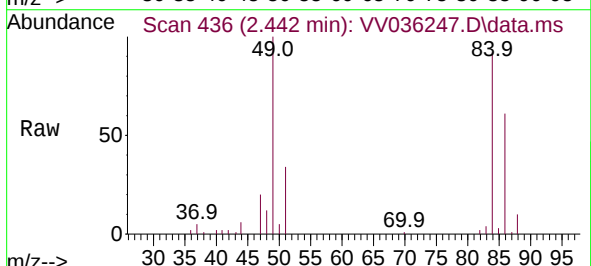
Tgt Ion: 84 Resp: 25722

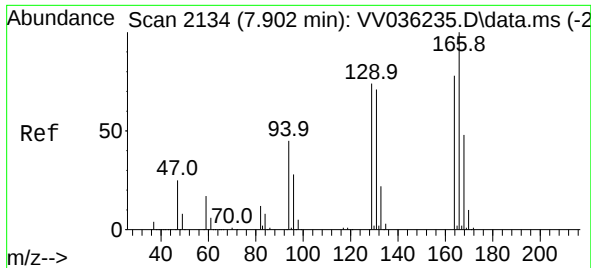
Ion Ratio Lower Upper

84 100

86 66.6 44.6 82.8

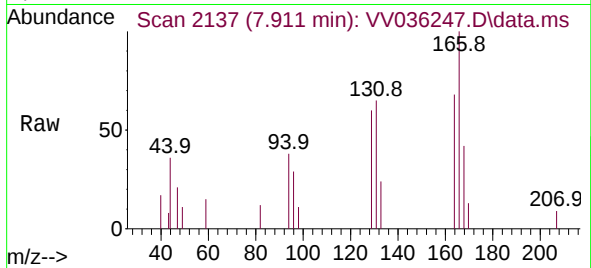
49 108.6 81.1 150.5



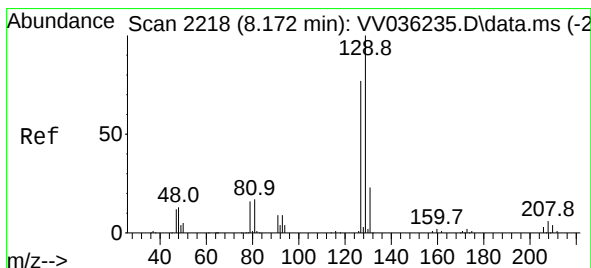
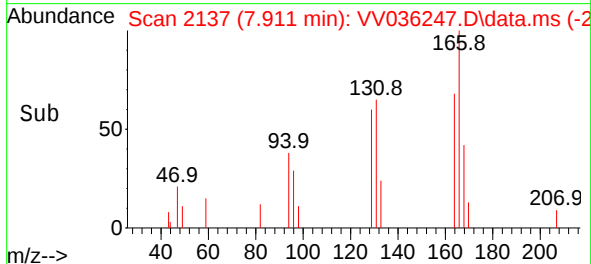
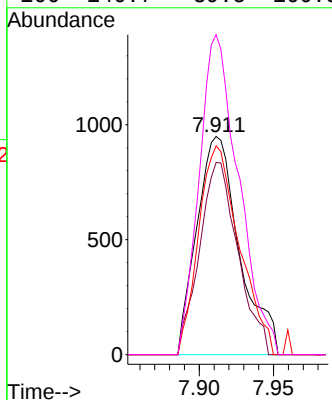


#46
Tetrachloroethene
Concen: 1.445 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.010 min
Lab File: VV036247.D
Acq: 24 Jun 2024 15:38

Instrument :
MSVOA_V
ClientSampleId :

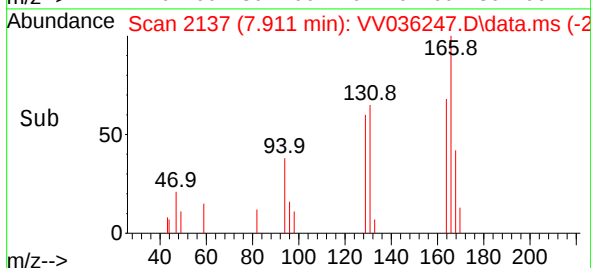
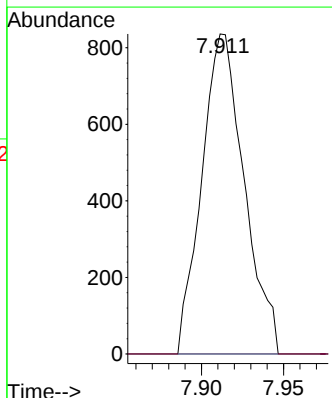
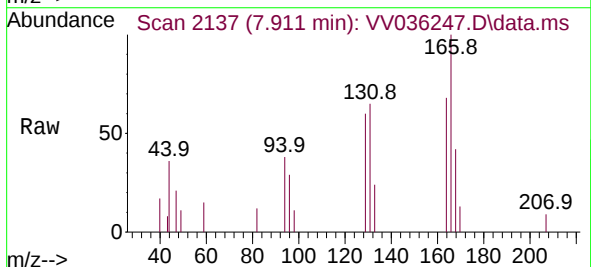


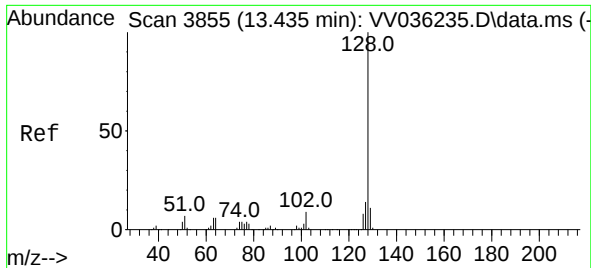
Tgt Ion:	164	Resp:	1892
Ion	Ratio	Lower	Upper
164	100		
129	88.1	64.6	120.0
131	95.7	63.2	117.4
166	146.7	89.5	166.3



#49
Dibromochloromethane
Concen: 1.084 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.261 min
Lab File: VV036247.D
Acq: 24 Jun 2024 15:38

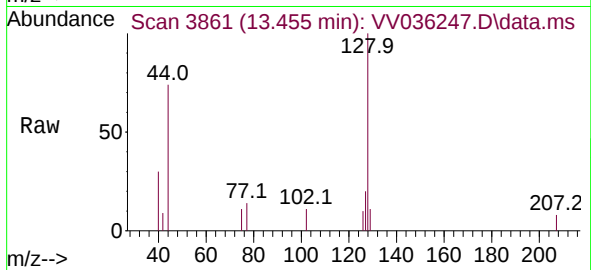
Tgt Ion:	129	Resp:	1506
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#71
Naphthalene
Concen: 0.940 ug/L
RT: 13.455 min Scan# 3855
Delta R.T. 0.019 min
Lab File: VV036247.D
Acq: 24 Jun 2024 15:38

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 2546
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 7.3 8.8 13.2#

