

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072324\
 Data File : VV036639.D
 Acq On : 23 Jul 2024 12:26
 Operator : SY/MD
 Sample : P3328-01
 Misc : 8.80g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 24 00:59:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

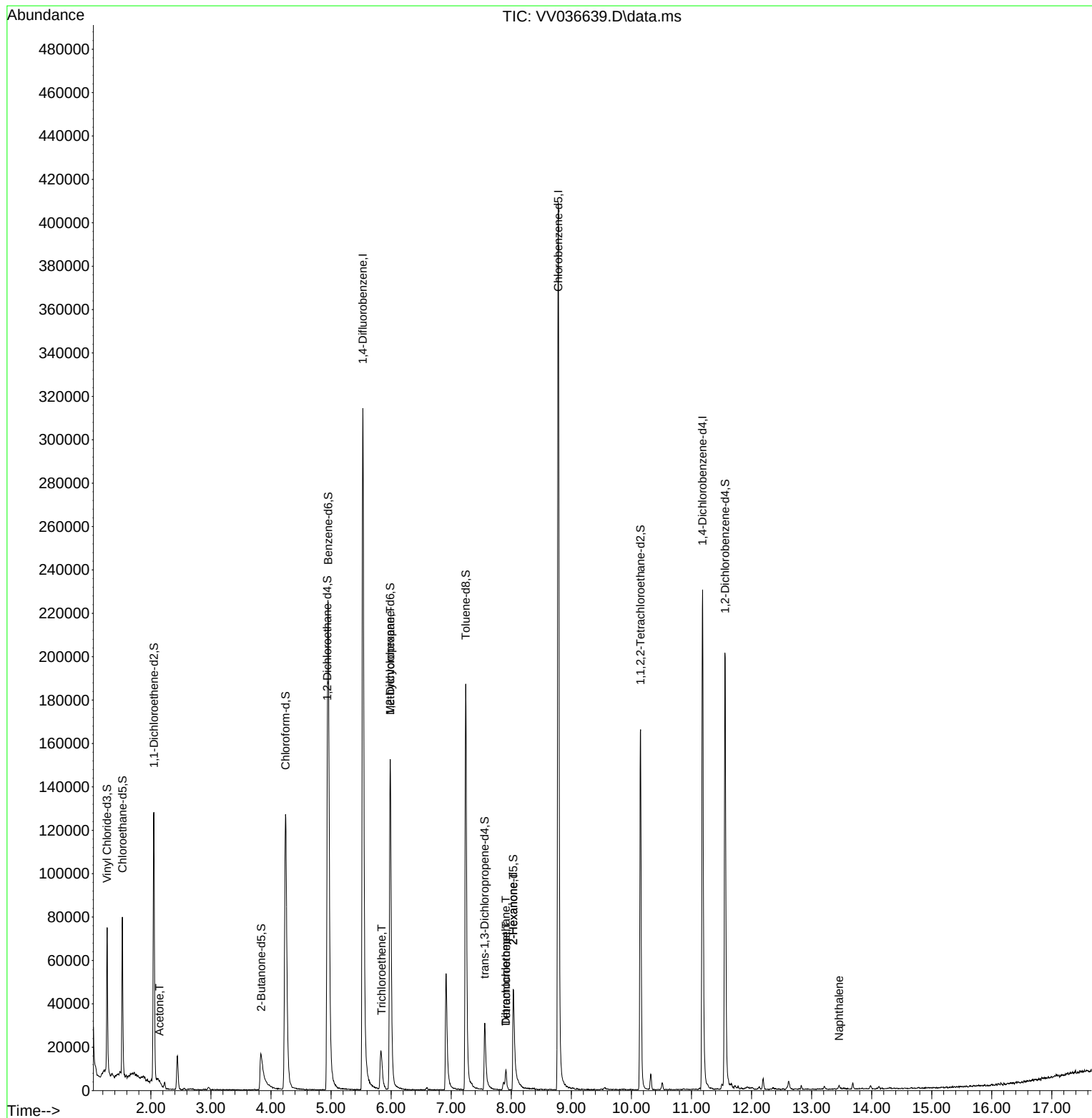
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	298409	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	252622	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	42108	12.884	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.520%
7) Chloroethane-d5	1.526	69	47759	16.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.720%
11) 1,1-Dichloroethene-d2	2.050	65	19924	11.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.120%
21) 2-Butanone-d5	3.838	46	30201	39.595	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.180%
24) Chloroform-d	4.243	84	146535	18.567	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.280%
26) 1,2-Dichloroethane-d4	4.937	65	76349	19.609	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.440%
32) Benzene-d6	4.953	84	196632	16.423	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.680%
36) 1,2-Dichloropropane-d6	5.985	67	74320	21.785	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.160%
41) Toluene-d8	7.243	98	141092	12.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	49.400%
43) trans-1,3-Dichloroprop...	7.558	79	21827	14.392	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.560%
47) 2-Hexanone-d5	8.034	63	17073	37.605	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.200%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	77646	26.114	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.440%
66) 1,2-Dichlorobenzene-d4	11.561	152	58285	23.512	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.040%
Target Compounds						
					Qvalue	
13) Acetone	2.143	43	5564	4.491	ug/L #	67
34) Trichloroethene	5.844	95	2560	0.545	ug/L	83
35) Methylcyclohexane	5.985	83	20527	3.284	ug/L #	23
46) Tetrachloroethene	7.911	164	2244	0.482	ug/L	97
48) 2-Hexanone	8.034	43	2791	2.309	ug/L #	68
49) Dibromochloromethane	7.908	129	2027	0.500	ug/L #	11
71) Naphthalene	13.458	128	1884	0.407	ug/L #	87

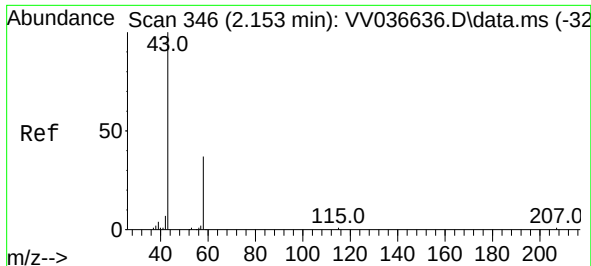
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 24 00:57:38 2024
Response via : Initial Calibration





#13

Acetone

Concen: 4.491 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV036639.D

Acq: 23 Jul 2024 12:26

Instrument :

MSVOA_V

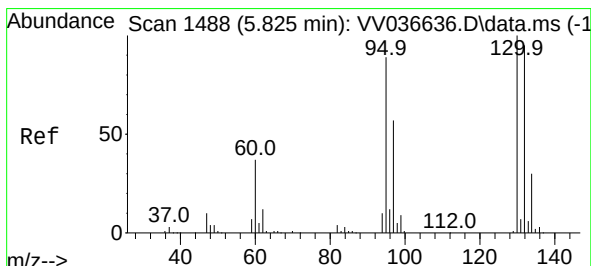
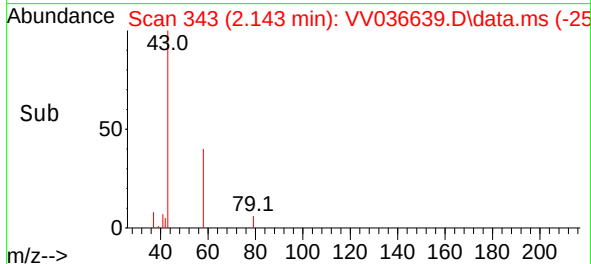
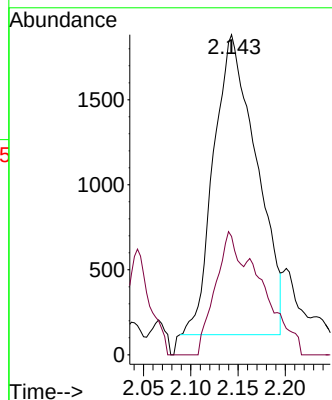
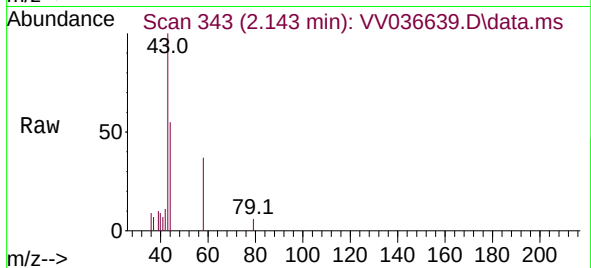
ClientSampleId :

Tgt Ion: 43 Resp: 5564

Ion Ratio Lower Upper

43 100

58 24.1 0.0 23.0#



#34

Trichloroethene

Concen: 0.545 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.019 min

Lab File: VV036639.D

Acq: 23 Jul 2024 12:26

Tgt Ion: 95 Resp: 2560

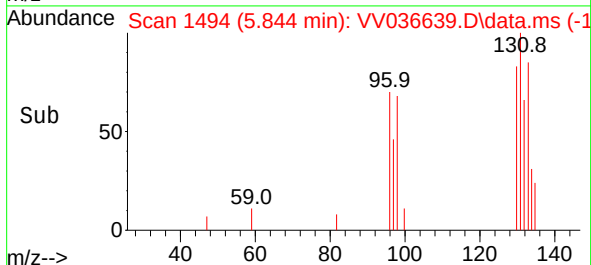
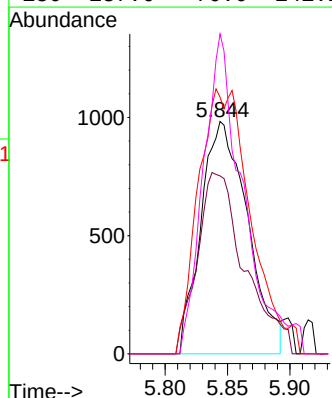
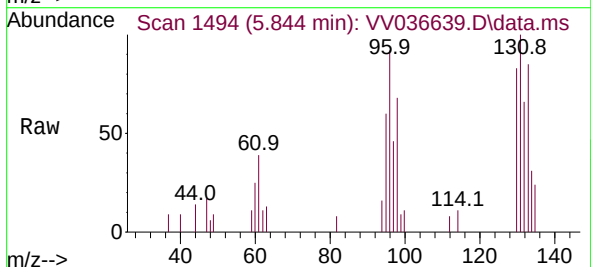
Ion Ratio Lower Upper

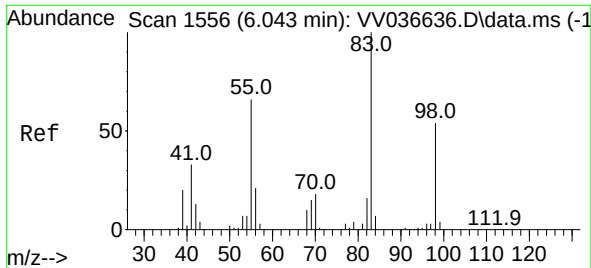
95 100

97 76.6 45.1 83.7

132 110.5 72.7 134.9

130 137.6 76.0 141.2





#35

Methylcyclohexane

Concen: 3.284 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV036639.D

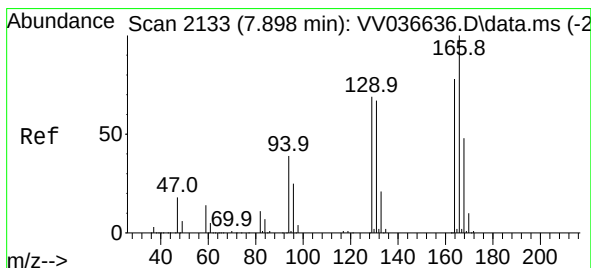
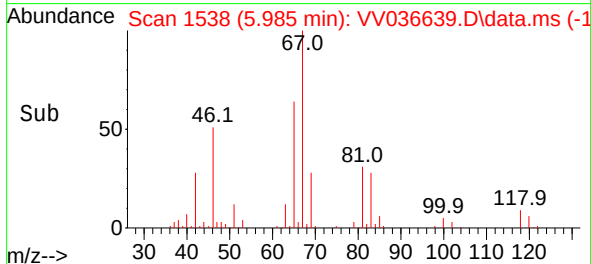
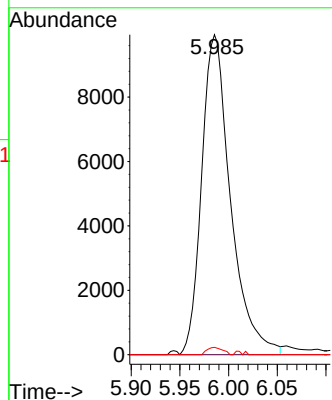
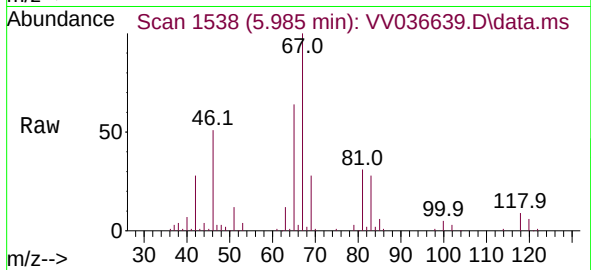
Acq: 23 Jul 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp:	20527
Ion Ratio	Lower	Upper
83	100	
55	0.0	50.8 76.2#
98	1.2	41.3 61.9#



#46

Tetrachloroethene

Concen: 0.482 ug/L

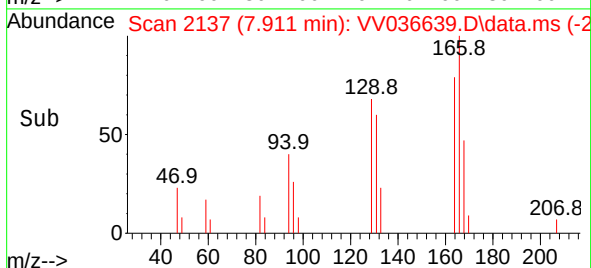
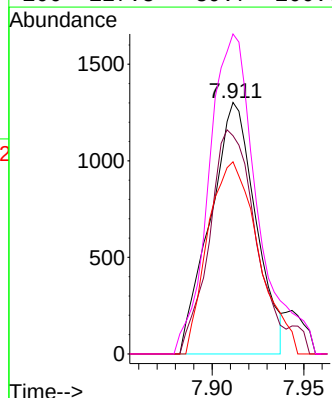
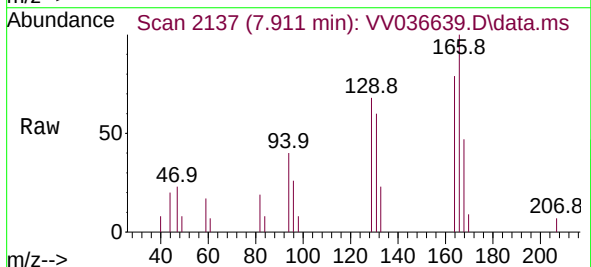
RT: 7.911 min Scan# 2137

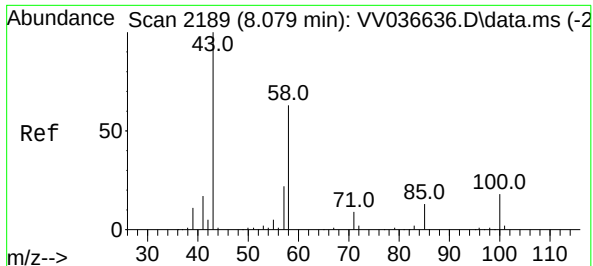
Delta R.T. 0.013 min

Lab File: VV036639.D

Acq: 23 Jul 2024 12:26

Tgt Ion: 164	Resp:	2244
Ion Ratio	Lower	Upper
164	100	
129	86.8	61.0 113.2
131	76.4	60.1 111.5
166	127.3	89.7 166.7

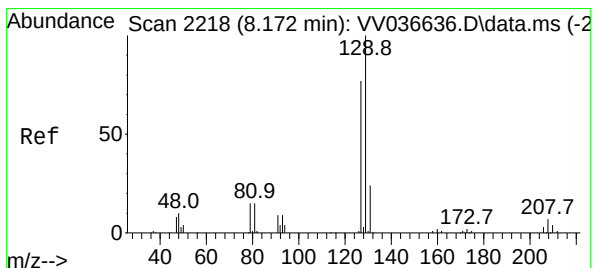
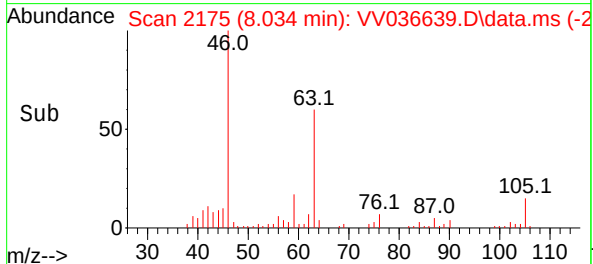
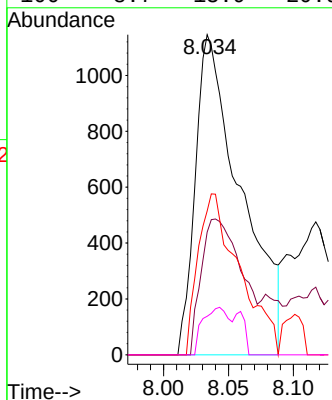
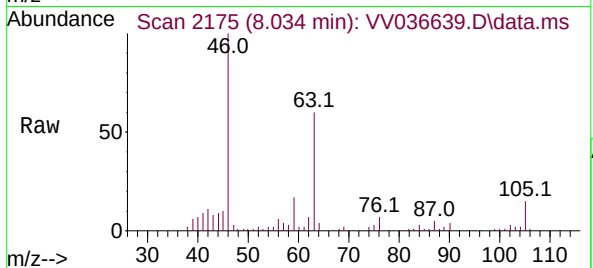




#48
2-Hexanone
Concen: 2.309 ug/L
RT: 8.034 min Scan# 2189
Delta R.T. -0.045 min
Lab File: VV036639.D
Acq: 23 Jul 2024 12:26

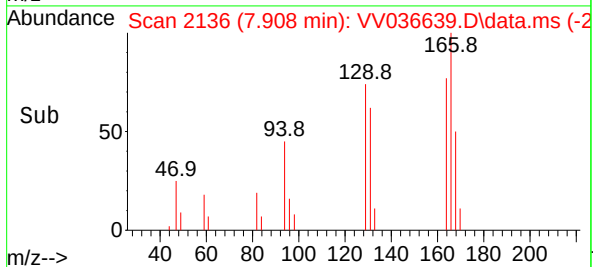
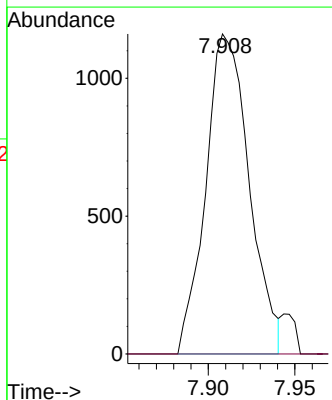
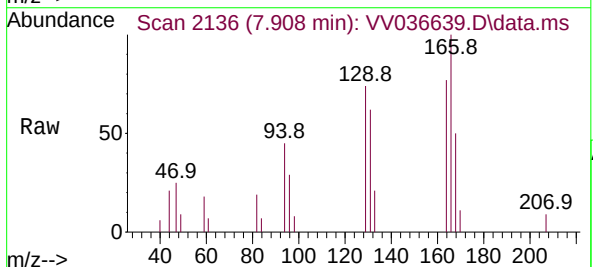
Instrument :
MSVOA_V
ClientSampleId :

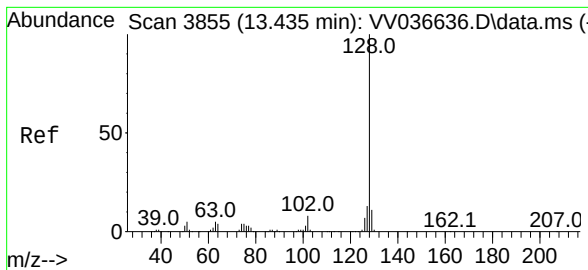
Tgt Ion: 43	Resp: 2791
Ion Ratio	Lower Upper
43 100	
58 38.0	50.6 75.8#
57 40.6	17.7 26.5#
100 8.7	13.9 20.9#



#49
Dibromochloromethane
Concen: 0.500 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.264 min
Lab File: VV036639.D
Acq: 23 Jul 2024 12:26

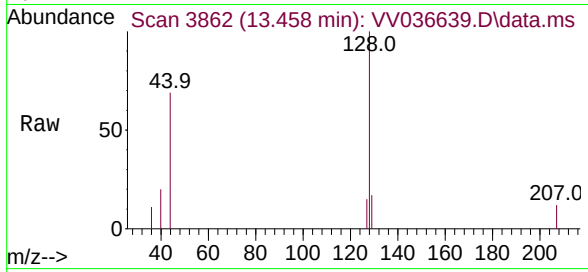
Tgt Ion:129	Resp: 2027
Ion Ratio	Lower Upper
129 100	
127 0.0	54.3 100.9#





#71
Naphthalene
Concen: 0.407 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.023 min
Lab File: VV036639.D
Acq: 23 Jul 2024 12:26

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	1884
Ion	Ratio	Lower	Upper
128	100		
127	6.9	10.4	15.6#
129	6.7	8.7	13.1#

