

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072224\
 Data File : VV036633.D
 Acq On : 22 Jul 2024 17:36
 Operator : SY/MD
 Sample : P3276-04
 Misc : 9.56g/10.0mL/MSVOA_V/SOILA
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 23 02:07:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 23 02:04:44 2024
 Response via : Initial Calibration

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

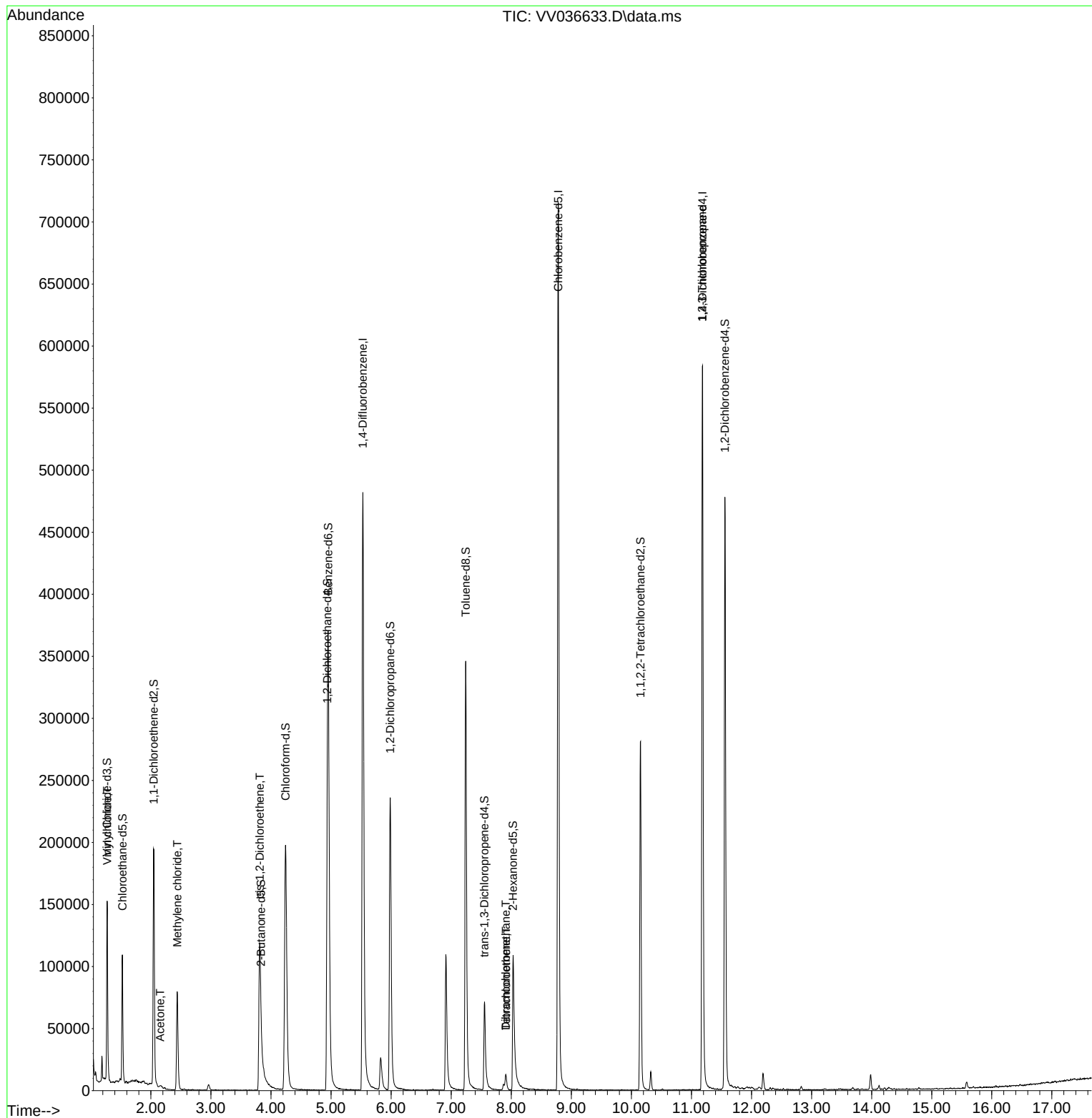
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	462270	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	433774	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	171984	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	64436	12.727	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	50.920%
7) Chloroethane-d5	1.526	69	68828	15.051	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.200%
11) 1,1-Dichloroethene-d2	2.047	65	31953	11.936	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.760%
21) 2-Butanone-d5	3.834	46	54280	45.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.880%
24) Chloroform-d	4.243	84	225538	18.448	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	4.937	65	128290	21.270	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.080%
32) Benzene-d6	4.953	84	324218	15.771	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	63.080%
36) 1,2-Dichloropropane-d6	5.985	67	115373	19.696	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.800%
41) Toluene-d8	7.243	98	254841	12.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	51.960%
43) trans-1,3-Dichloroprop...	7.554	79	47866	18.381	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.520%
47) 2-Hexanone-d5	8.030	63	40009	51.322	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	132553	25.963	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	136639	22.759	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.040%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.275	62	36856	4.941	ug/L	98
13) Acetone	2.156	43	2969	1.547	ug/L #	1
16) Methylene chloride	2.439	84	37911	4.408	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	66187	8.800	ug/L	99
46) Tetrachloroethene	7.911	164	3707	0.463	ug/L	96
49) Dibromochloromethane	7.908	129	3200	0.459	ug/L #	11
61) 1,2,3-Trichloropropane	11.181	75	15106	4.982	ug/L #	59

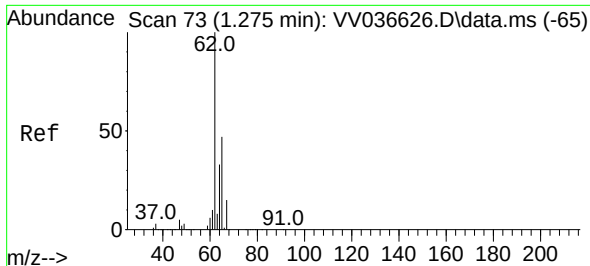
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 23 02:07:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 02:04:44 2024
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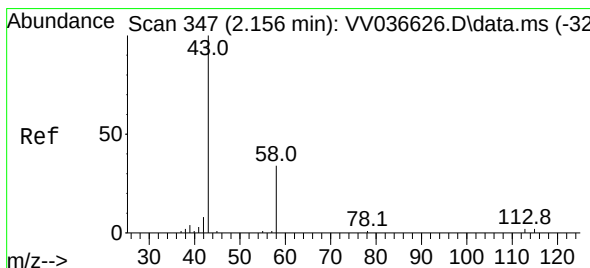
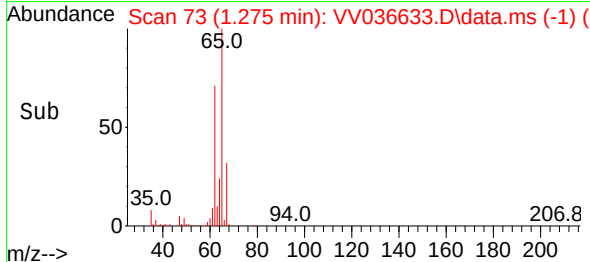
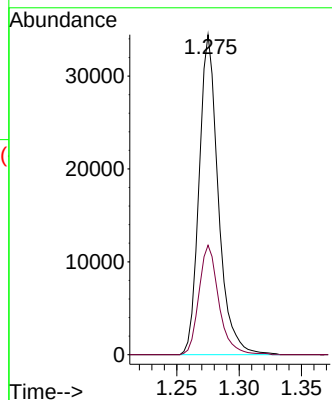
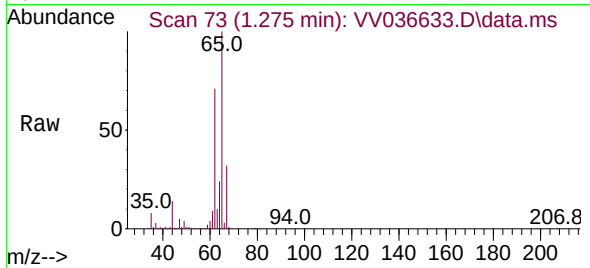




#5
 Vinyl chloride
 Concen: 4.941 ug/L
 RT: 1.275 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VV036633.D
 Acq: 22 Jul 2024 17:36

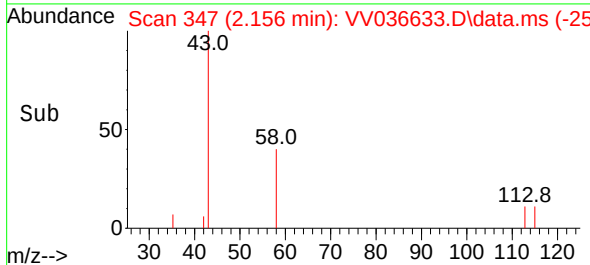
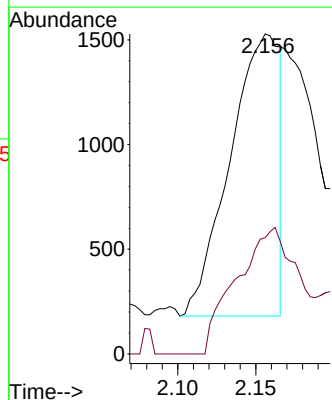
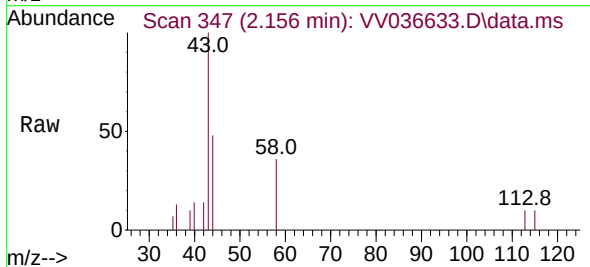
Instrument :
 MSVOA_V
 ClientSampleId :

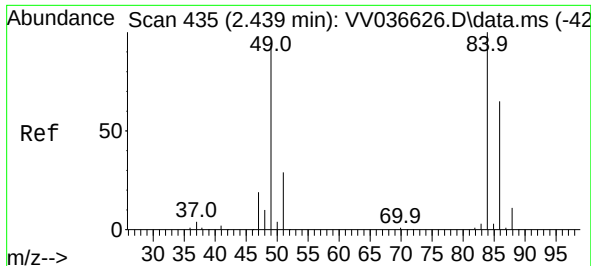
Tgt Ion: 62 Resp: 36856
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.1 42.9



#13
 Acetone
 Concen: 1.547 ug/L
 RT: 2.156 min Scan# 347
 Delta R.T. -0.000 min
 Lab File: VV036633.D
 Acq: 22 Jul 2024 17:36

Tgt Ion: 43 Resp: 2969
 Ion Ratio Lower Upper
 43 100
 58 56.2 0.0 23.0#

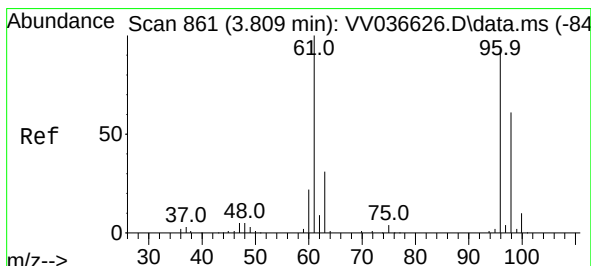
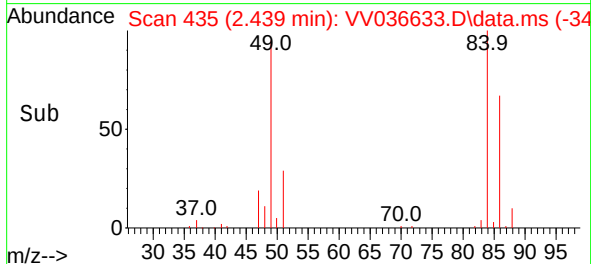
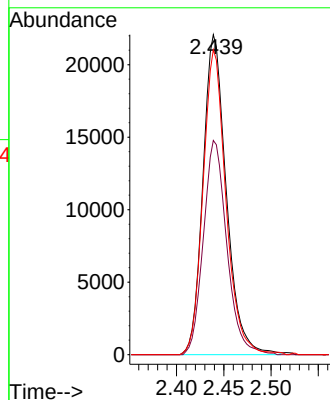
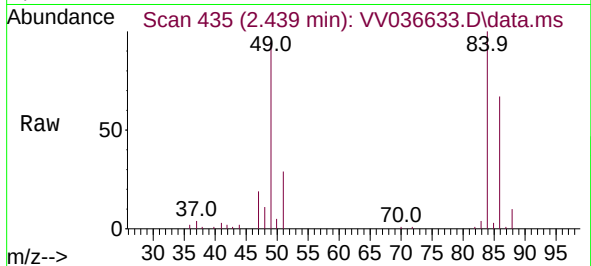




#16
Methylene chloride
Concen: 4.408 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV036633.D
Acq: 22 Jul 2024 17:36

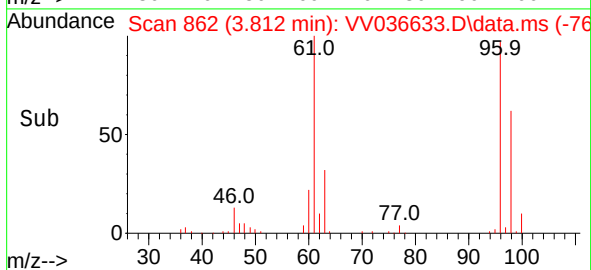
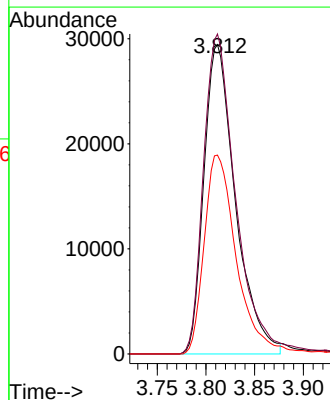
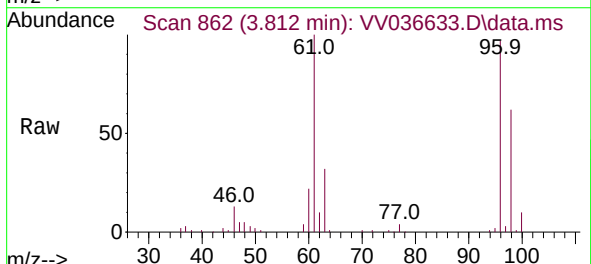
Instrument :
MSVOA_V
ClientSampleId :

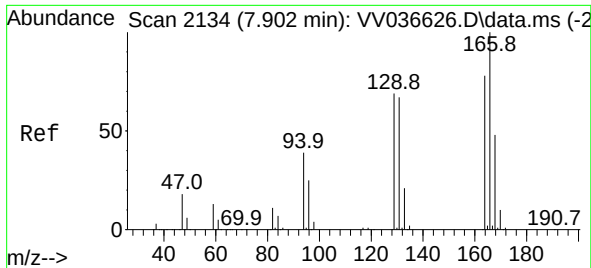
Tgt Ion: 84 Resp: 37911
Ion Ratio Lower Upper
84 100
86 66.9 47.2 87.6
49 95.3 67.3 125.1



#20
cis-1,2-Dichloroethene
Concen: 8.800 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV036633.D
Acq: 22 Jul 2024 17:36

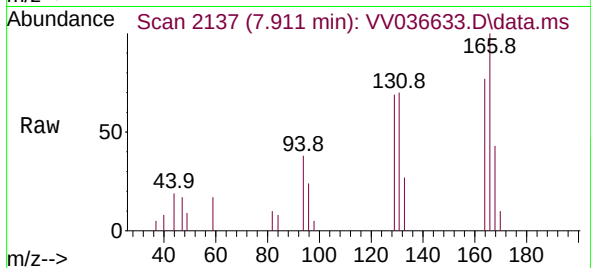
Tgt Ion: 96 Resp: 66187
Ion Ratio Lower Upper
96 100
61 103.5 73.0 135.6
98 64.3 44.8 83.2





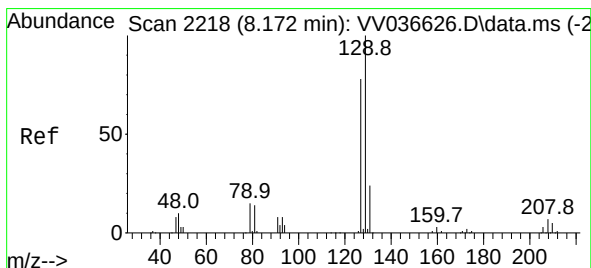
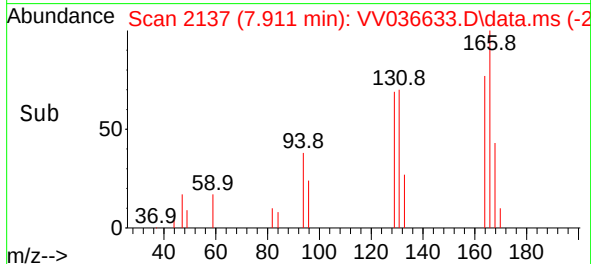
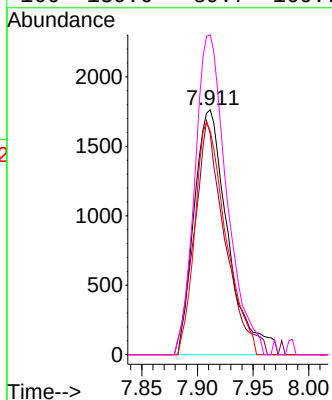
#46
Tetrachloroethene
Concen: 0.463 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.009 min
Lab File: VV036633.D
Acq: 22 Jul 2024 17:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 3707

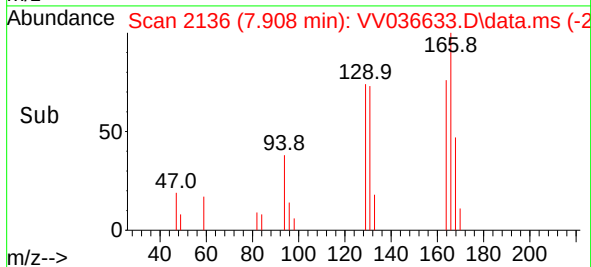
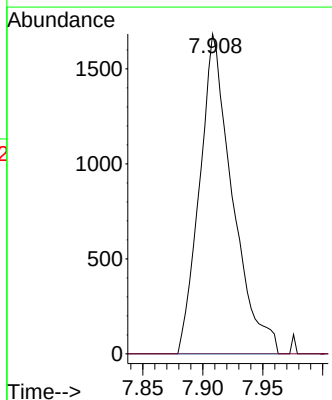
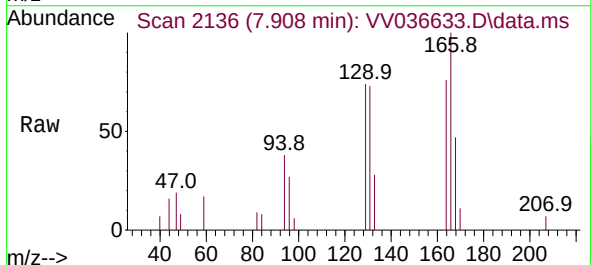
Ion	Ratio	Lower	Upper
164	100		
129	90.2	61.0	113.2
131	91.3	60.1	111.5
166	130.6	89.7	166.7

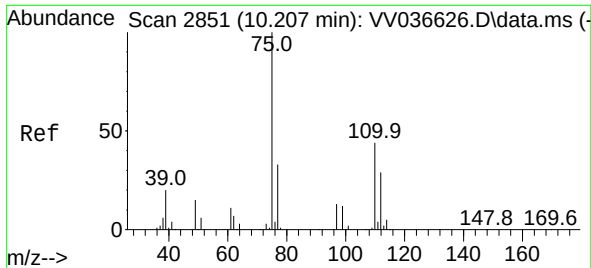


#49
Dibromochloromethane
Concen: 0.459 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.264 min
Lab File: VV036633.D
Acq: 22 Jul 2024 17:36

Tgt Ion:129 Resp: 3200

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#61

1,2,3-Trichloropropane

Concen: 4.982 ug/L

RT: 11.181 min Scan# 31

Delta R.T. 0.974 min

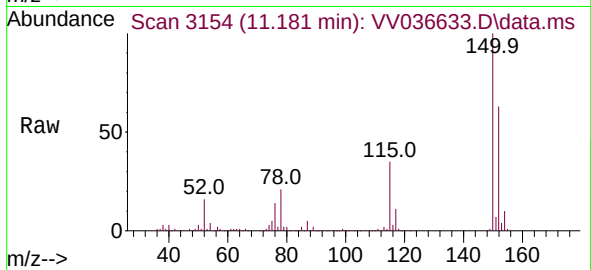
Lab File: VV036633.D

Acq: 22 Jul 2024 17:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 15106

Ion Ratio Lower Upper

75 100

77 36.7 25.9 38.9

110 3.1 36.2 54.4#

