

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012424\
 Data File : VW033848.D
 Acq On : 24 Jan 2024 13:09
 Operator : SY/MD
 Sample : P1191-07DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 00:57:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

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

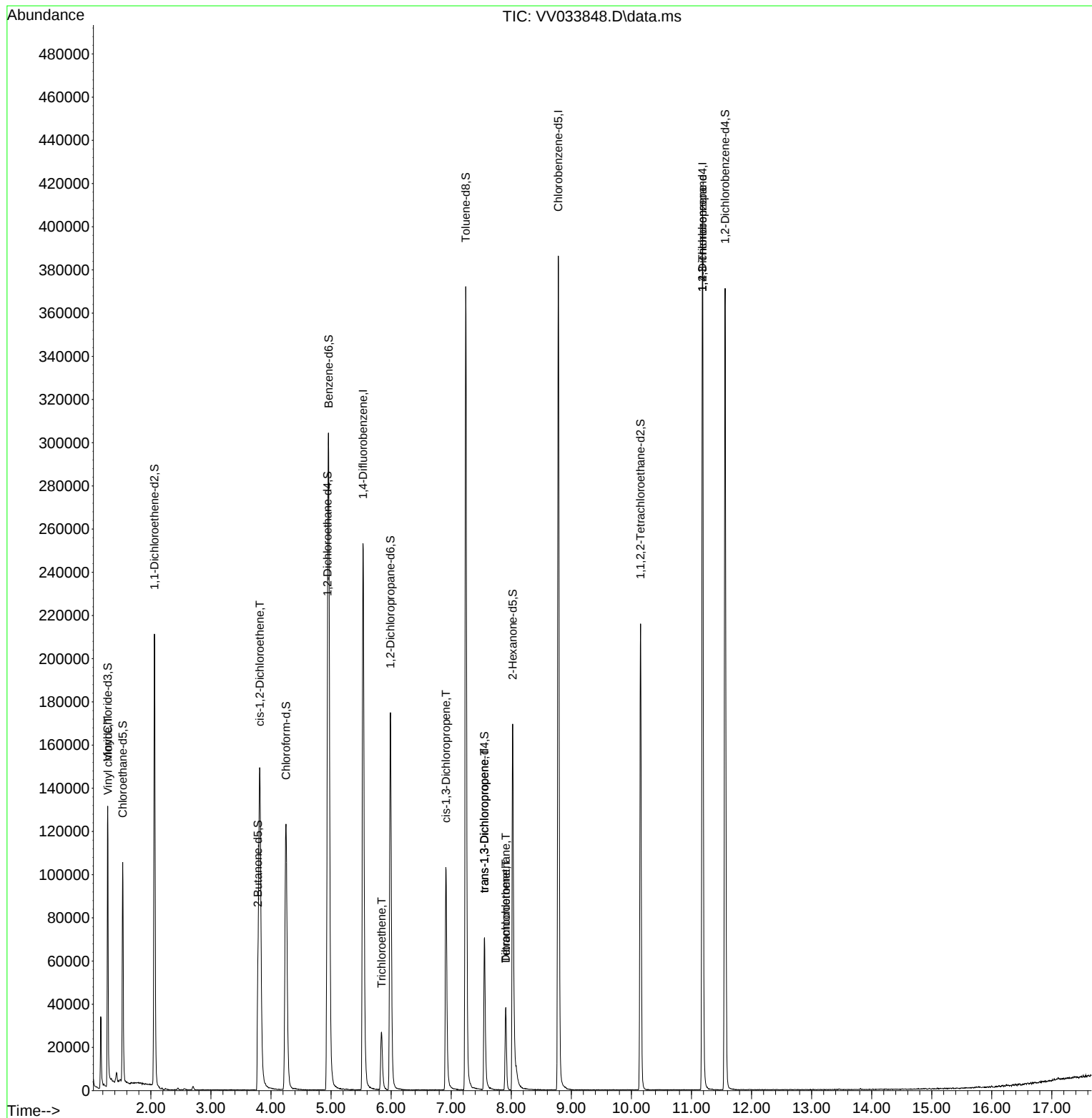
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	215819	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	205326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103782	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	81635	49.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.440%
7) Chloroethane-d5	1.532	69	63940	48.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.360%
11) 1,1-Dichloroethene-d2	2.060	65	35687	49.993	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.980%
21) 2-Butanone-d5	3.783	46	80419	70.686	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.690%
24) Chloroform-d	4.249	84	133416	44.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	4.940	65	92287	48.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.320%
32) Benzene-d6	4.960	84	265584	45.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	5.989	67	82595	42.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.980%
41) Toluene-d8	7.243	98	245843	46.743	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
43) trans-1,3-Dichloroprop...	7.555	79	41372	43.567	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.140%
47) 2-Hexanone-d5	8.024	63	59514	74.672	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.670%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	101067	41.202	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	92426	46.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.880%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	2486	1.273	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	75313	46.770	ug/L	95
34) Trichloroethene	5.841	95	9635	5.956	ug/L	97
39) cis-1,3-Dichloropropene	6.911	75	2846	1.027	ug/L #	70
44) trans-1,3-Dichloropropene	7.555	75	2120	0.830	ug/L	84
46) Tetrachloroethene	7.908	164	8092	6.820	ug/L	97
49) Dibromochloromethane	7.908	129	7269	4.635	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	12456	6.763	ug/L #	65

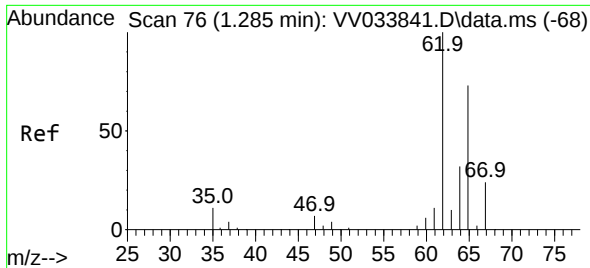
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jan 25 00:55:39 2024
Response via : Initial Calibration

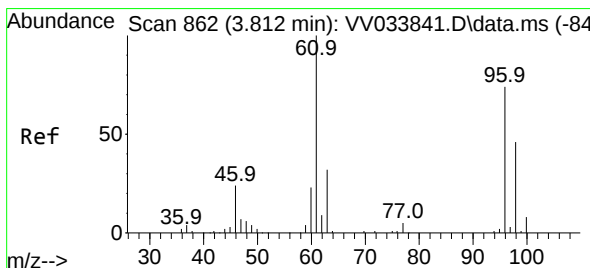
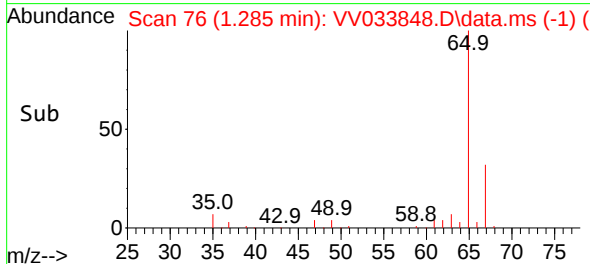
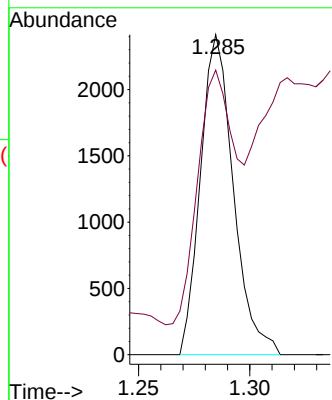
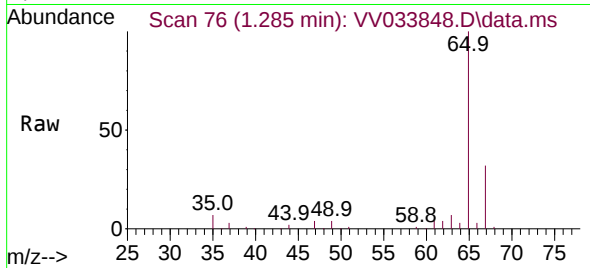




#5
 Vinyl chloride
 Concen: 1.273 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033848.D
 Acq: 24 Jan 2024 13:09

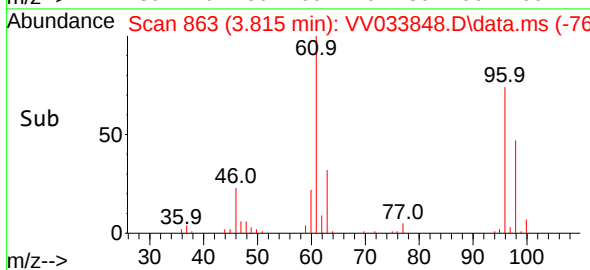
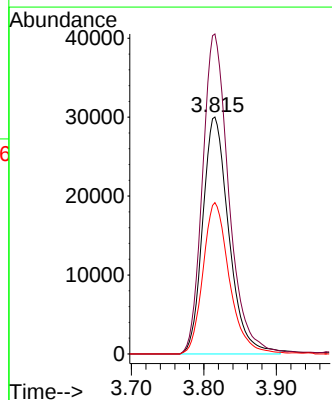
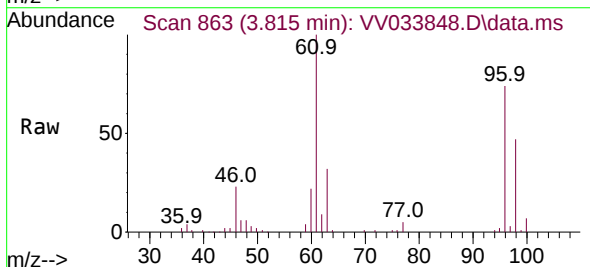
Instrument :
 MSVOA_V
 ClientSampleId :

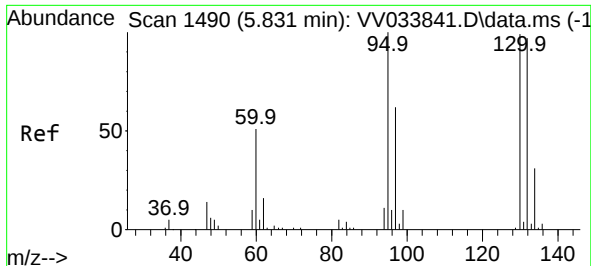
Tgt Ion: 62 Resp: 2486
 Ion Ratio Lower Upper
 62 100
 64 88.9 23.2 43.0#



#20
 cis-1,2-Dichloroethene
 Concen: 46.770 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033848.D
 Acq: 24 Jan 2024 13:09

Tgt Ion: 96 Resp: 75313
 Ion Ratio Lower Upper
 96 100
 61 135.1 100.6 186.8
 98 63.9 44.6 82.8





#34

Trichloroethene

Concen: 5.956 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

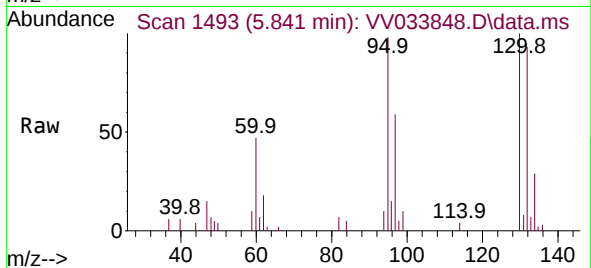
Lab File: VV033848.D

Acq: 24 Jan 2024 13:09

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 9635

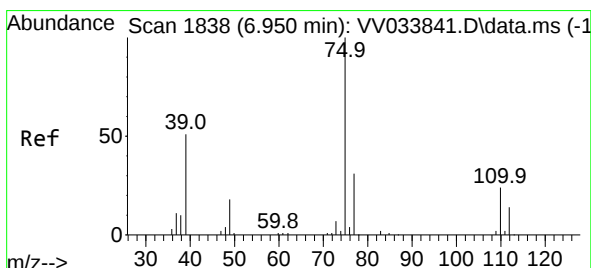
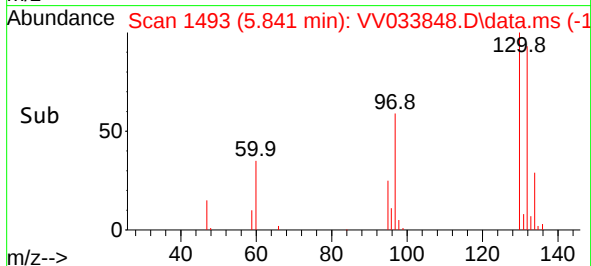
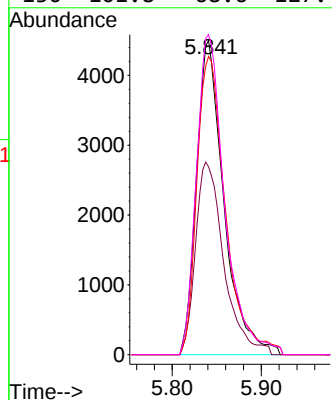
Ion Ratio Lower Upper

95 100

97 59.8 44.4 82.4

132 94.8 65.5 121.7

130 101.8 68.6 127.4



#39

cis-1,3-Dichloropropene

Concen: 1.027 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV033848.D

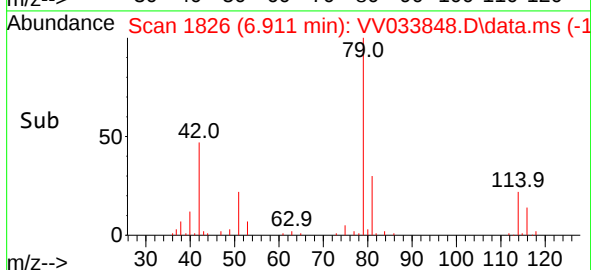
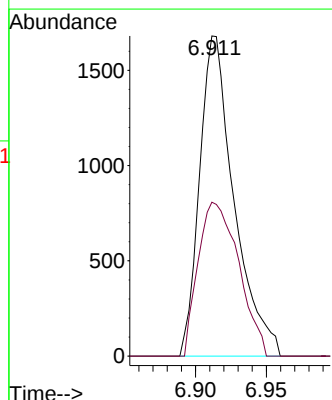
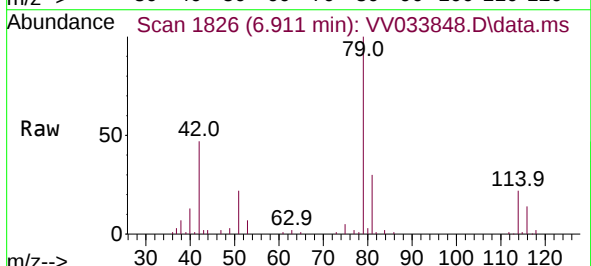
Acq: 24 Jan 2024 13:09

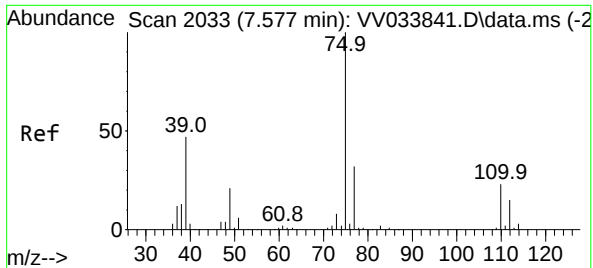
Tgt Ion: 75 Resp: 2846

Ion Ratio Lower Upper

75 100

77 48.1 22.0 41.0#

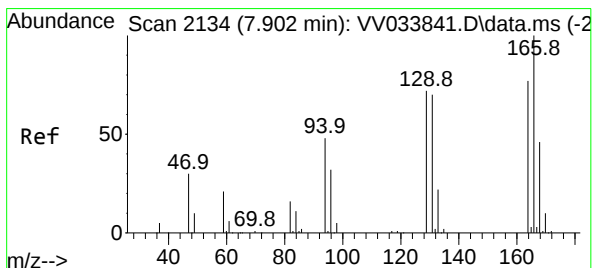
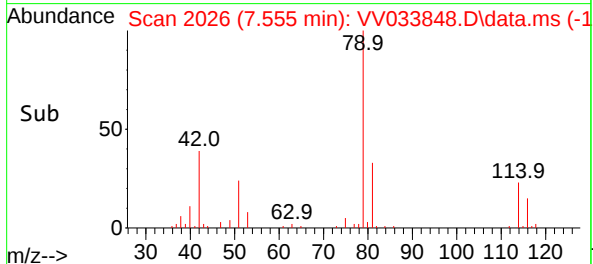
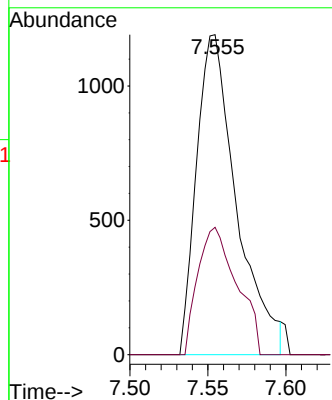
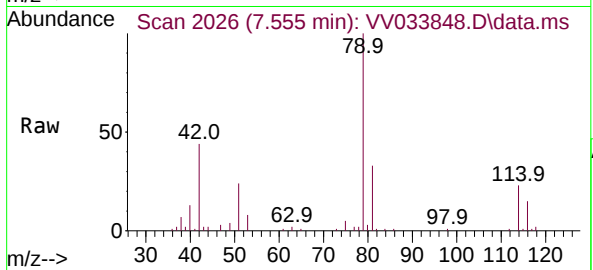




#44
trans-1,3-Dichloropropene
Concen: 0.830 ug/L
RT: 7.555 min Scan# 2033
Delta R.T. -0.023 min
Lab File: VV033848.D
Acq: 24 Jan 2024 13:09

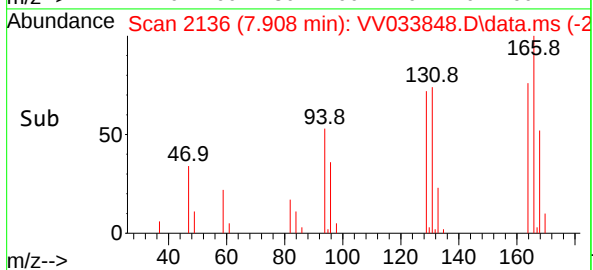
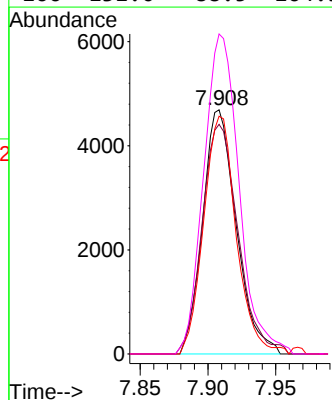
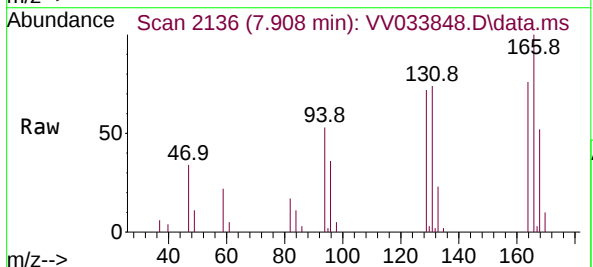
Instrument :
MSVOA_V
ClientSampleId :

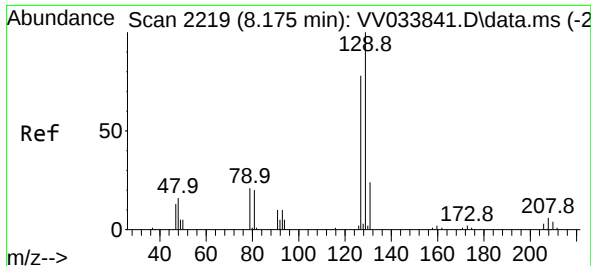
Tgt Ion: 75 Resp: 2120
Ion Ratio Lower Upper
75 100
77 39.8 21.6 40.0



#46
Tetrachloroethene
Concen: 6.820 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.006 min
Lab File: VV033848.D
Acq: 24 Jan 2024 13:09

Tgt Ion: 164 Resp: 8092
Ion Ratio Lower Upper
164 100
129 94.0 66.1 122.7
131 97.4 65.9 122.5
166 131.0 88.5 164.3





#49

Dibromochloromethane

Concen: 4.635 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV033848.D

Acq: 24 Jan 2024 13:09

Instrument :

MSVOA_V

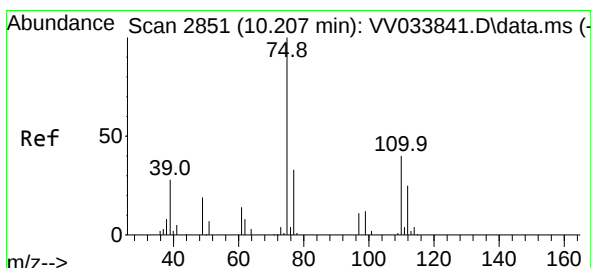
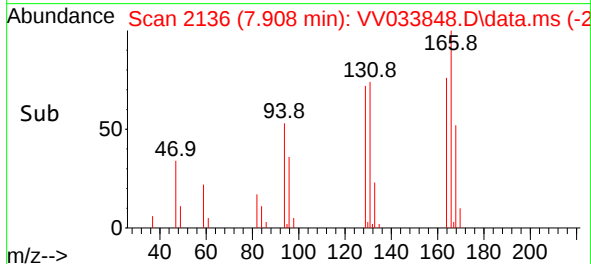
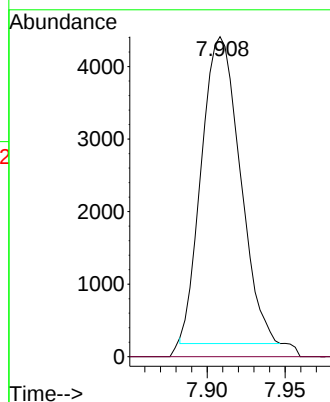
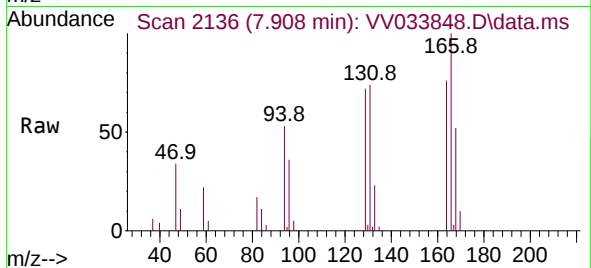
ClientSampleId :

Tgt Ion:129 Resp: 7269

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.3#



#61

1,2,3-Trichloropropane

Concen: 6.763 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033848.D

Acq: 24 Jan 2024 13:09

Tgt Ion: 75 Resp: 12456

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9

110 2.7 29.5 44.3#

