

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121523\
 Data File : VW033408.D
 Acq On : 16 Dec 2023 03:41
 Operator : SY/MD
 Sample : 05802-18DL 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 16 04:27:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 16 01:35:53 2023
 Response via : Initial Calibration

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

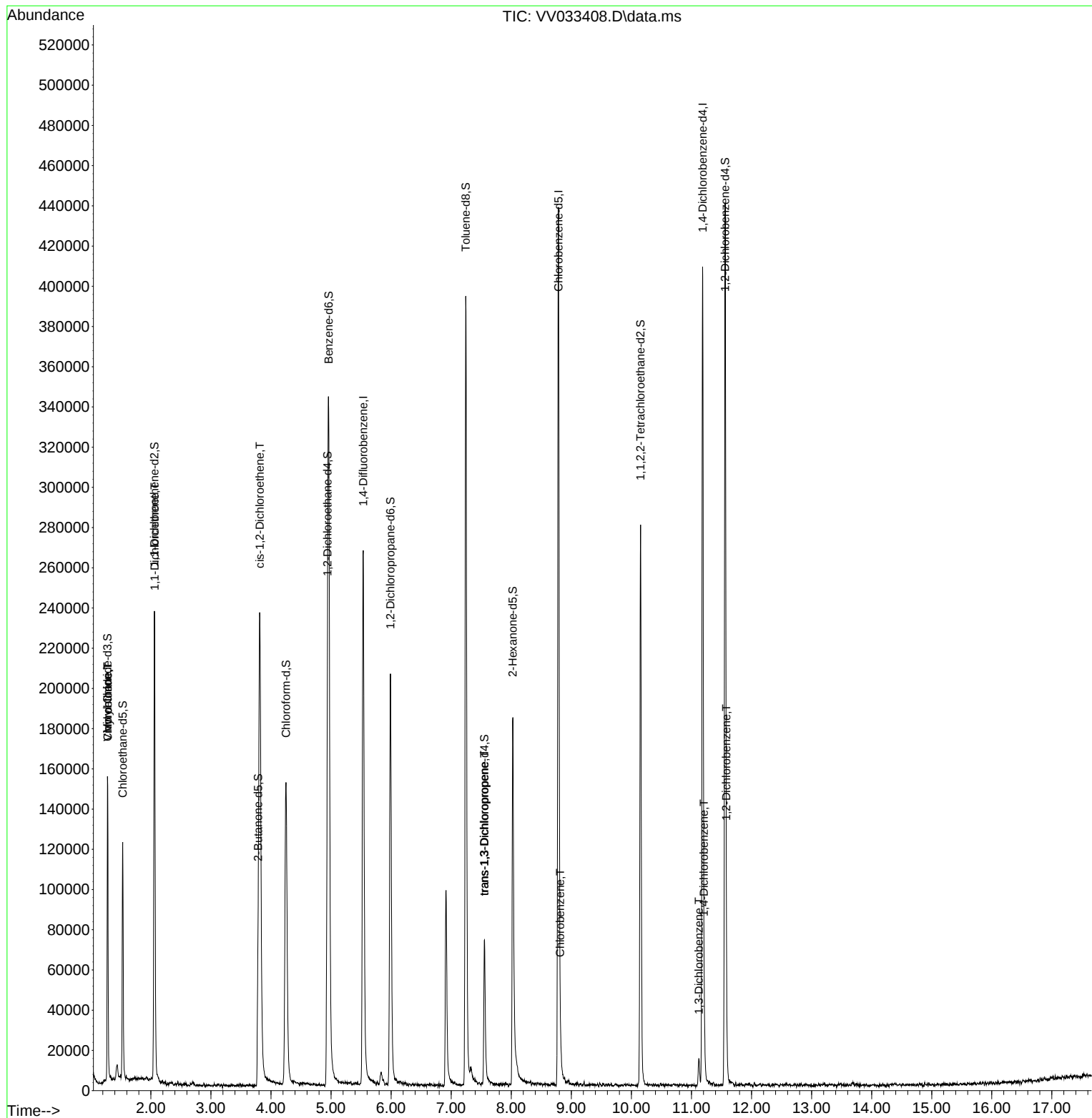
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	225640	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	237271	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	101548	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79749	45.895	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.800%		
7) Chloroethane-d5	1.532	69	74478	47.761	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.520%		
11) 1,1-Dichloroethene-d2	2.060	65	38522	44.535	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.060%		
21) 2-Butanone-d5	3.786	46	90507	103.348	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.350%		
24) Chloroform-d	4.249	84	159814	46.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.000%		
26) 1,2-Dichloroethane-d4	4.941	65	102502	48.545	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.080%		
32) Benzene-d6	4.960	84	302208	47.290	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.580%		
36) 1,2-Dichloropropane-d6	5.989	67	94752	48.854	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.700%		
41) Toluene-d8	7.243	98	260482	44.547	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.100%		
43) trans-1,3-Dichloroprop...	7.551	79	40400	42.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.000%		
47) 2-Hexanone-d5	8.024	63	59378	91.022	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.020%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	127759	45.832	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.660%		
66) 1,2-Dichlorobenzene-d4	11.561	152	104034	54.518	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.040%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	18829	10.291	ug/L	94
8) Chloroethane	1.282	64	7214	5.841	ug/L	91
12) 1,1-Dichloroethene	2.063	96	1816	1.142	ug/L #	1
20) cis-1,2-Dichloroethene	3.812	96	123324	72.371	ug/L	96
44) trans-1,3-Dichloropropene	7.555	75	2013	0.804	ug/L #	82
51) Chlorobenzene	8.815	112	9158	1.896	ug/L	92
64) 1,3-Dichlorobenzene	11.124	146	5164	1.723	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	9804	3.039	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	8165	2.617	ug/L #	93

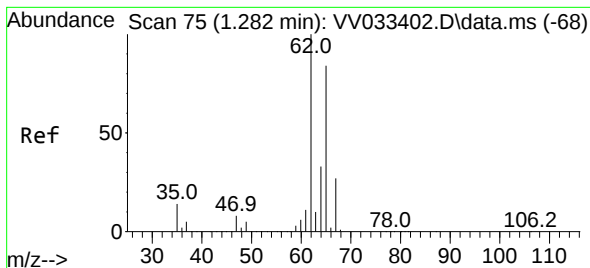
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 16 01:35:53 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 10.291 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV033408.D

Acq: 16 Dec 2023 03:41

Instrument :

MSVOA_V

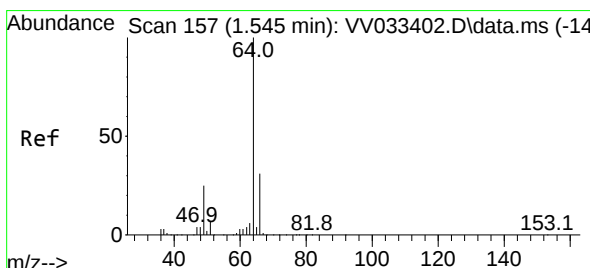
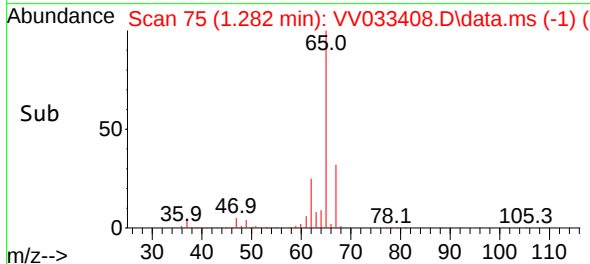
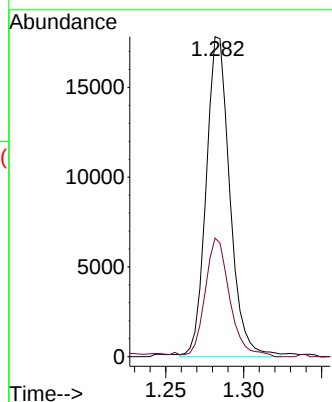
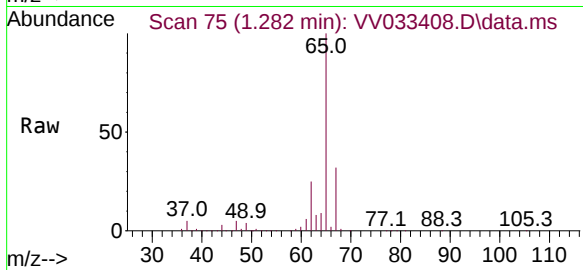
ClientSampleId :

Tgt Ion: 62 Resp: 18829

Ion Ratio Lower Upper

62 100

64 37.0 23.4 43.6



#8

Chloroethane

Concen: 5.841 ug/L

RT: 1.282 min Scan# 75

Delta R.T. -0.264 min

Lab File: VV033408.D

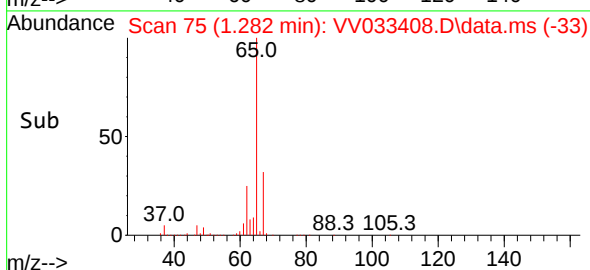
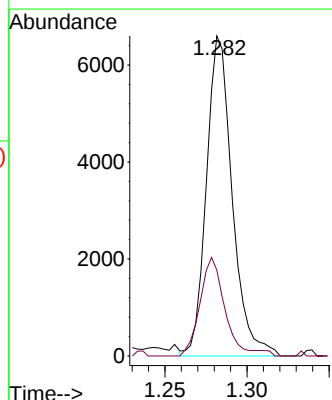
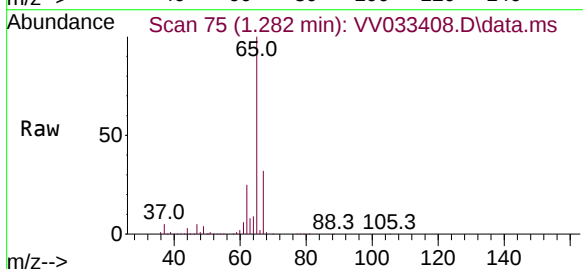
Acq: 16 Dec 2023 03:41

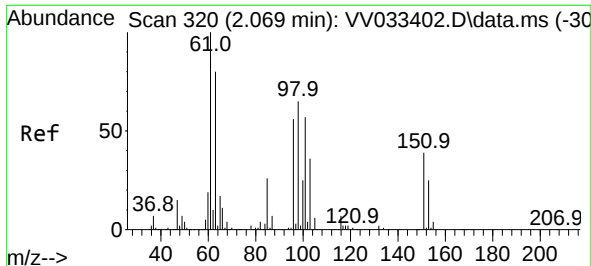
Tgt Ion: 64 Resp: 7214

Ion Ratio Lower Upper

64 100

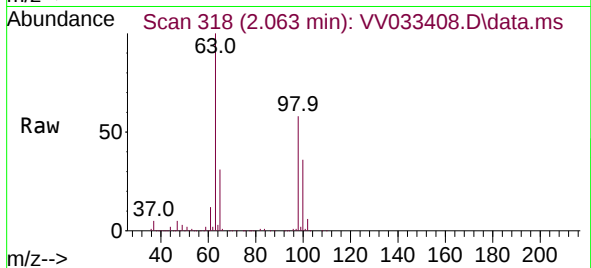
66 26.8 22.1 41.1



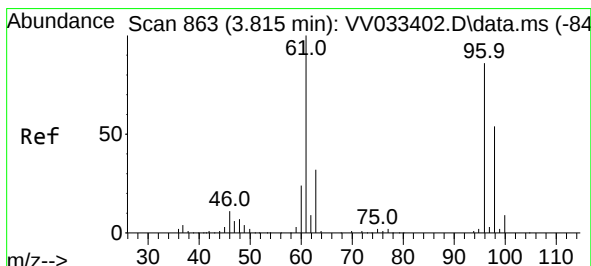
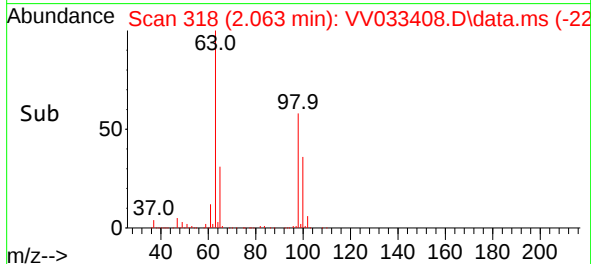
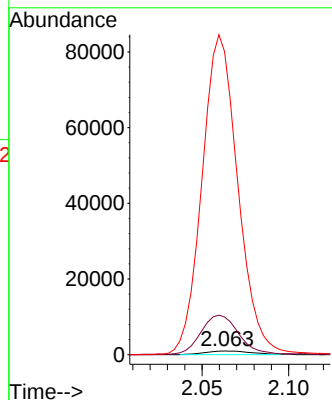


#12
 1,1-Dichloroethene
 Concen: 1.142 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.006 min
 Lab File: VV033408.D
 Acq: 16 Dec 2023 03:41

Instrument :
 MSVOA_V
 ClientSampleId :

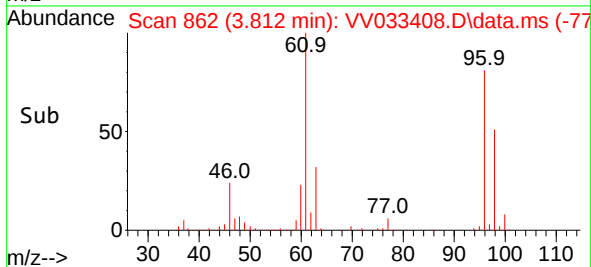
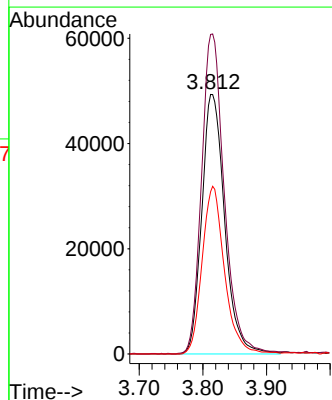
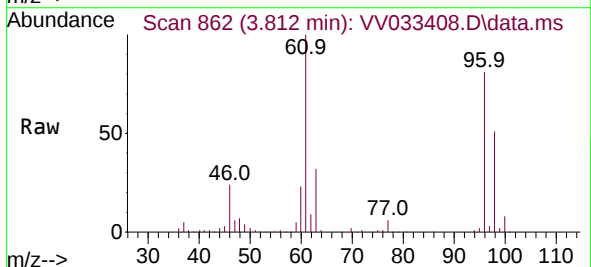


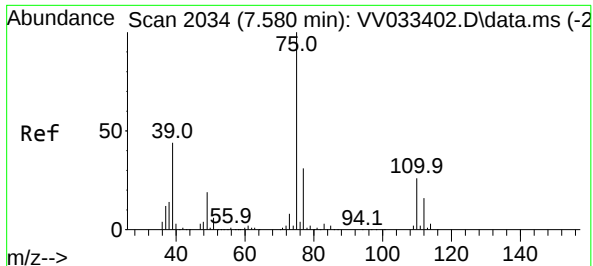
Tgt Ion: 96 Resp: 1816
 Ion Ratio Lower Upper
 96 100
 61 1039.2 124.3 230.8#
 63 8353.7 108.1 200.7#



#20
 cis-1,2-Dichloroethene
 Concen: 72.371 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. -0.003 min
 Lab File: VV033408.D
 Acq: 16 Dec 2023 03:41

Tgt Ion: 96 Resp: 123324
 Ion Ratio Lower Upper
 96 100
 61 123.1 81.9 152.1
 98 62.5 44.3 82.3

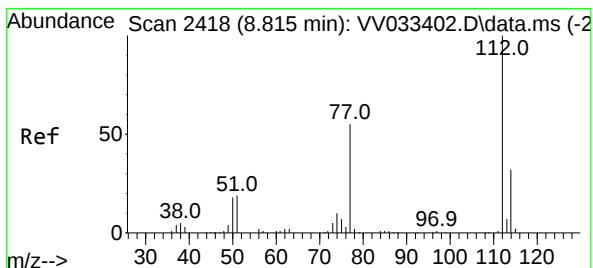
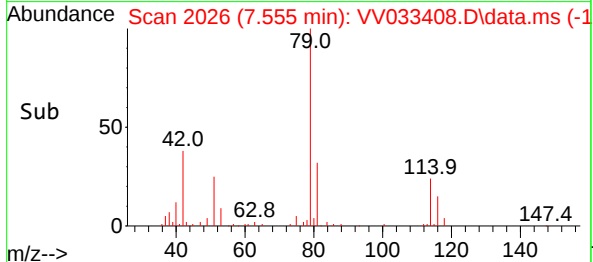
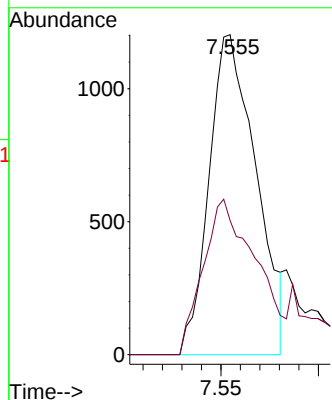
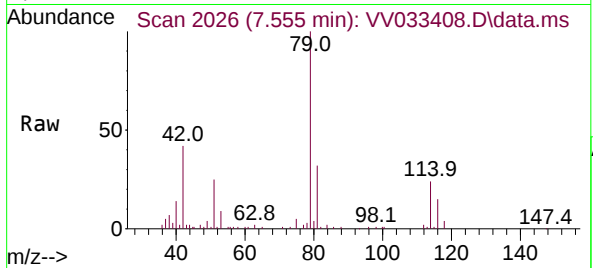




#44
trans-1,3-Dichloropropene
Concen: 0.804 ug/L
RT: 7.555 min Scan# 2034
Delta R.T. -0.026 min
Lab File: VV033408.D
Acq: 16 Dec 2023 03:41

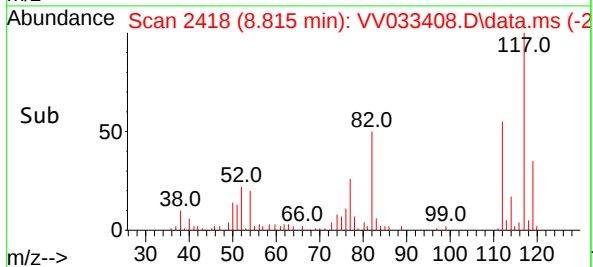
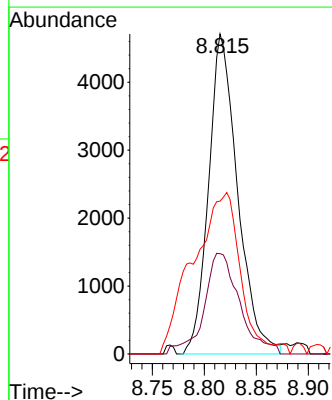
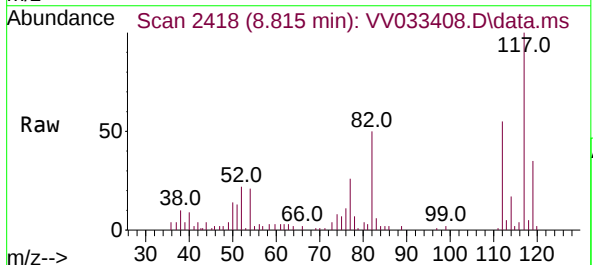
Instrument :
MSVOA_V
ClientSampleId :

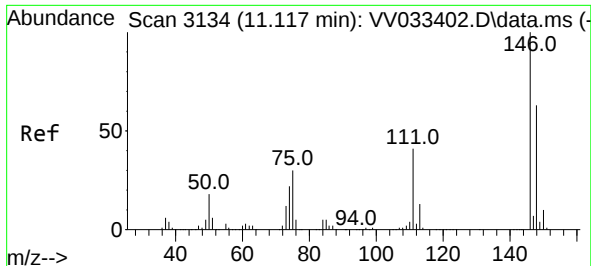
Tgt Ion: 75 Resp: 2013
Ion Ratio Lower Upper
75 100
77 41.9 22.4 41.6#



#51
Chlorobenzene
Concen: 1.896 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033408.D
Acq: 16 Dec 2023 03:41

Tgt Ion: 112 Resp: 9158
Ion Ratio Lower Upper
112 100
114 31.4 22.5 41.7
77 47.7 45.2 67.8

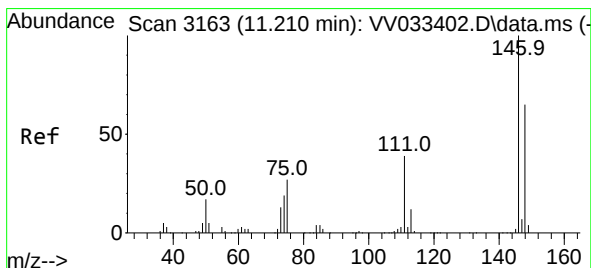
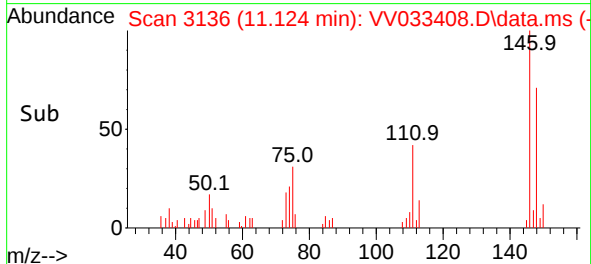
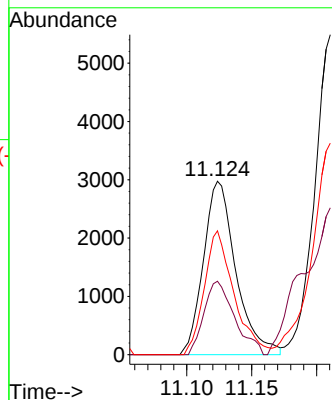
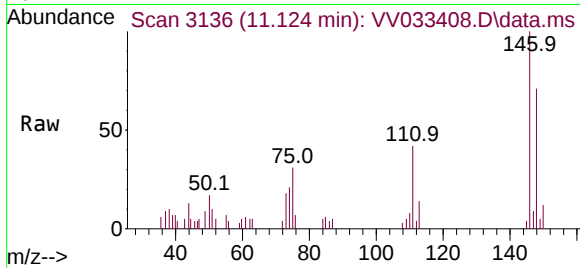




#64
1,3-Dichlorobenzene
Concen: 1.723 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.007 min
Lab File: VV033408.D
Acq: 16 Dec 2023 03:41

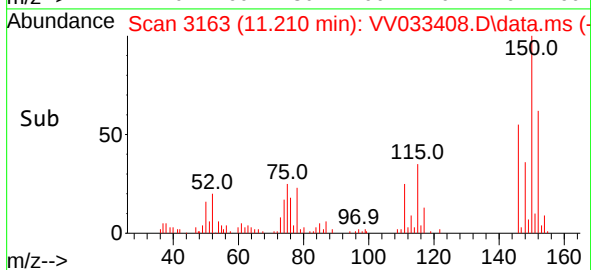
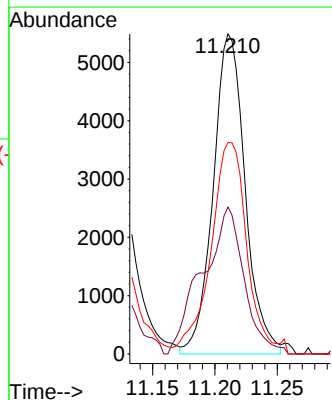
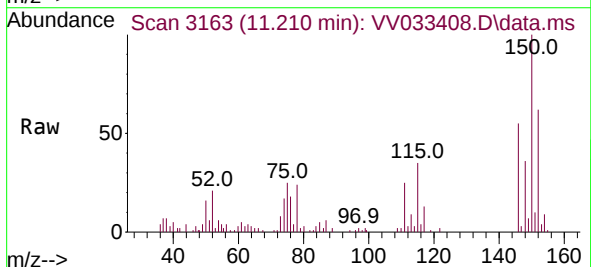
Instrument :
MSVOA_V
ClientSampleId :

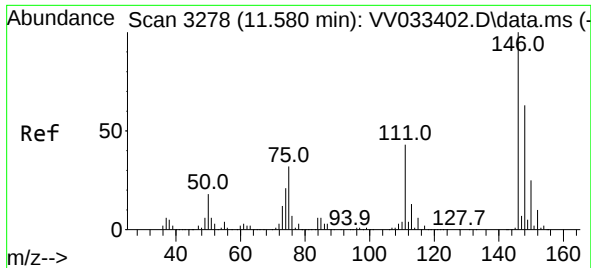
Tgt Ion:146 Resp: 5164
Ion Ratio Lower Upper
146 100
111 42.3 29.3 54.5
148 71.4 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 3.039 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033408.D
Acq: 16 Dec 2023 03:41

Tgt Ion:146 Resp: 9804
Ion Ratio Lower Upper
146 100
111 45.9 27.9 51.7
148 66.1 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 2.617 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

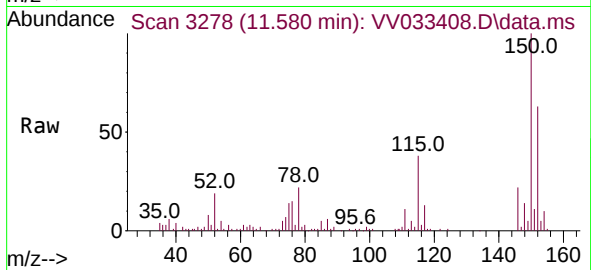
Lab File: VV033408.D

Acq: 16 Dec 2023 03:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 8165

Ion Ratio Lower Upper

146 100

111 51.9 33.5 50.3#

148 64.4 51.1 76.7

