

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121423\
 Data File : VW033370.D
 Acq On : 15 Dec 2023 05:06
 Operator : SY/MD
 Sample : 05802-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 15 06:14:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

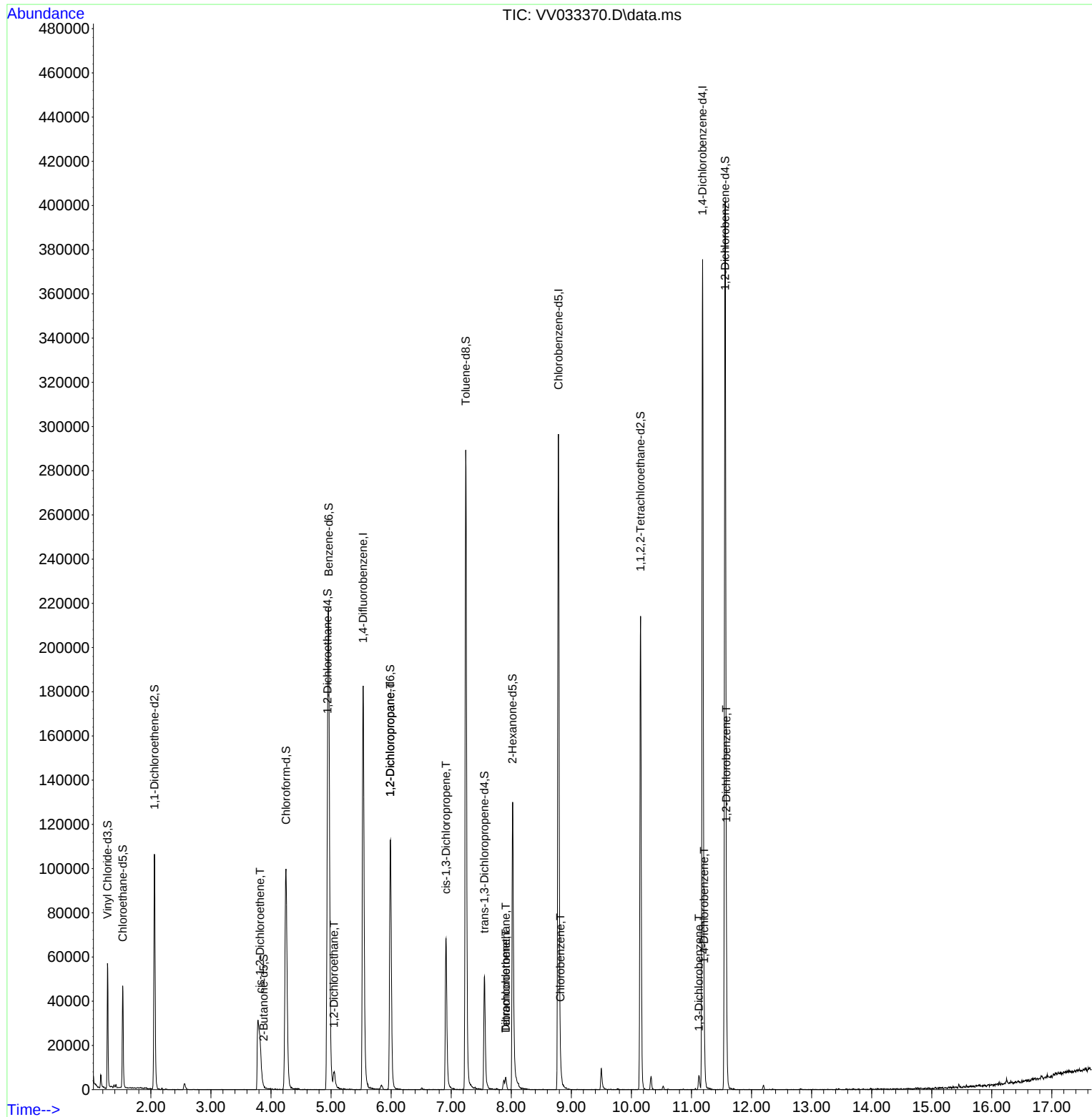
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	178644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	183704	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	110601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33376	31.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.500%
7) Chloroethane-d5	1.532	69	28198	37.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.059	65	16136	39.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.440%
21) 2-Butanone-d5	3.879	46	574	1.082	ug/L	0.10
Spiked Amount	100.000	Range	40 - 130	Recovery	=	1.080%#
24) Chloroform-d	4.249	84	110919	48.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	4.940	65	77136	54.743	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.480%
32) Benzene-d6	4.960	84	205674	47.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.740%
36) 1,2-Dichloropropane-d6	5.985	67	44325	38.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.740%
41) Toluene-d8	7.243	98	203600	49.676	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.360%
43) trans-1,3-Dichloroprop...	7.551	79	31589	43.244	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.480%
47) 2-Hexanone-d5	8.021	63	45415	97.859	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.860%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	83775	51.015	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.020%
66) 1,2-Dichlorobenzene-d4	11.561	152	114126	57.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.000%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.818	96	10601	8.496	ug/L	83
27) 1,2-Dichloroethane	5.046	62	3137	1.774	ug/L #	90
37) 1,2-Dichloropropane	5.985	63	6944	6.445	ug/L #	83
39) cis-1,3-Dichloropropene	6.915	75	2275	1.164	ug/L #	79
46) Tetrachloroethene	7.908	164	1345	1.125	ug/L #	69
49) Dibromochloromethane	7.908	129	1288	0.864	ug/L #	11
51) Chlorobenzene	8.818	112	5026	1.362	ug/L	90
64) 1,3-Dichlorobenzene	11.123	146	3574	1.049	ug/L	92
65) 1,4-Dichlorobenzene	11.213	146	8172	2.309	ug/L	90
67) 1,2-Dichlorobenzene	11.580	146	12553	3.758	ug/L	97

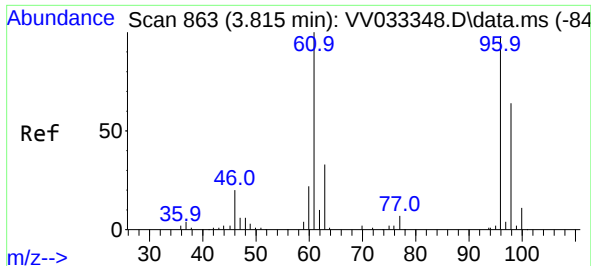
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121423\
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ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

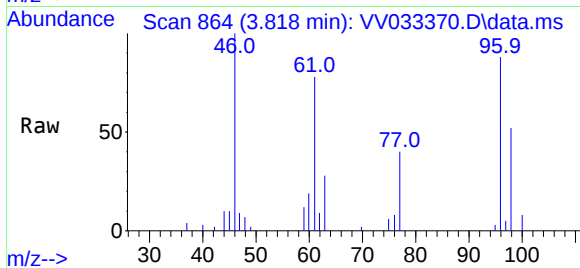
Quant Time: Dec 15 06:14:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 08 21:51:12 2023
Response via : Initial Calibration



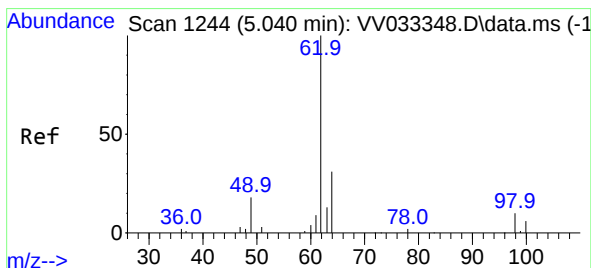
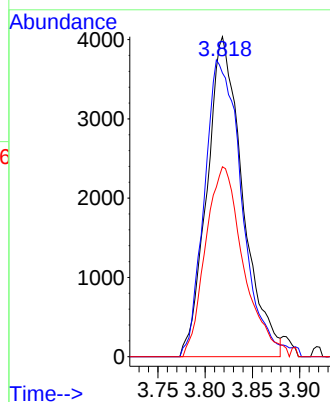
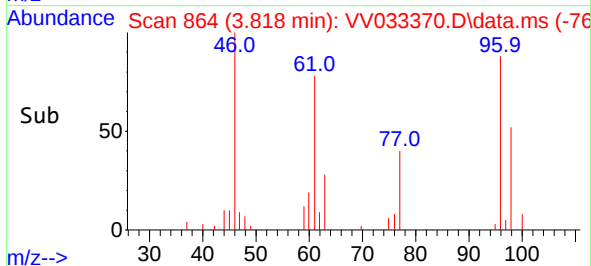


#20
 cis-1,2-Dichloroethene
 Concen: 8.496 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.006 min
 Lab File: VV033370.D
 Acq: 15 Dec 2023 05:06

Instrument :
 MSVOA_V
 ClientSampleId :

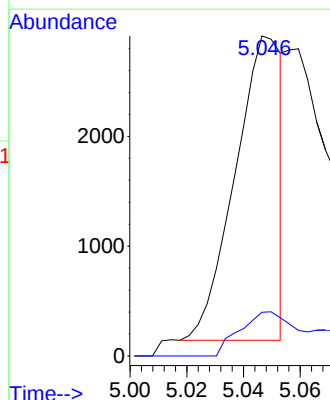
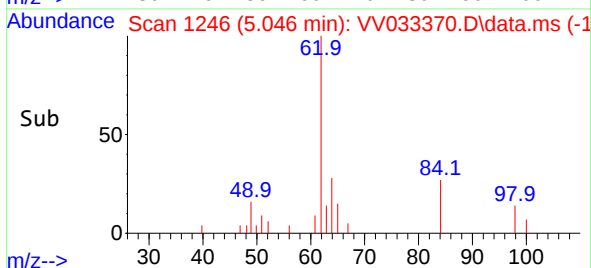
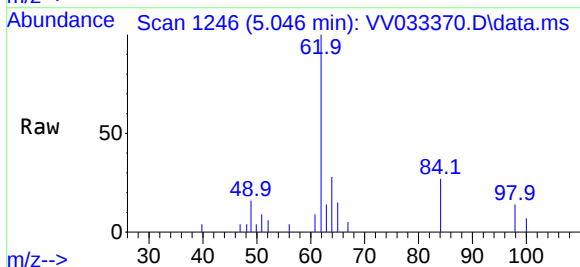


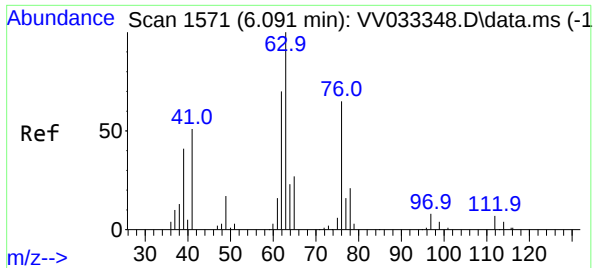
Tgt Ion: 96 Resp: 10601
 Ion Ratio Lower Upper
 96 100
 61 88.7 79.1 146.9
 98 59.4 45.1 83.7



#27
 1,2-Dichloroethane
 Concen: 1.774 ug/L
 RT: 5.046 min Scan# 1246
 Delta R.T. 0.010 min
 Lab File: VV033370.D
 Acq: 15 Dec 2023 05:06

Tgt Ion: 62 Resp: 3137
 Ion Ratio Lower Upper
 62 100
 98 13.7 7.8 11.8#

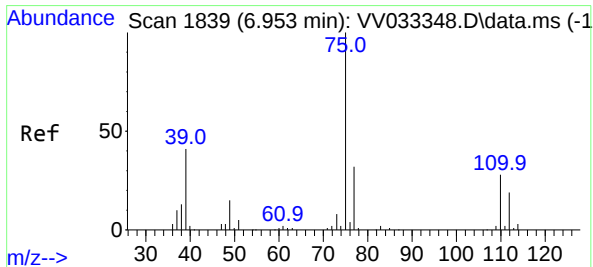
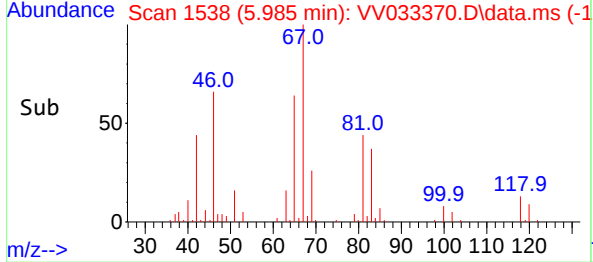
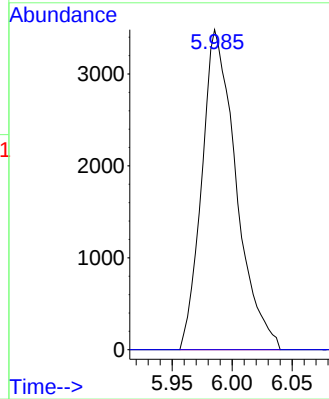
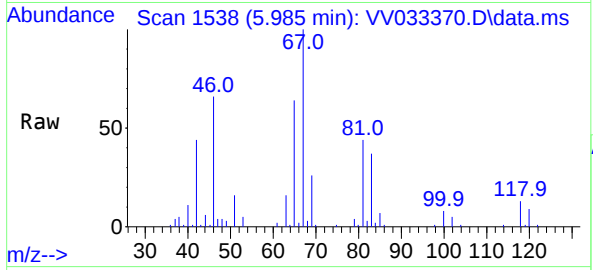




#37
1,2-Dichloropropane
Concen: 6.445 ug/L
RT: 5.985 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

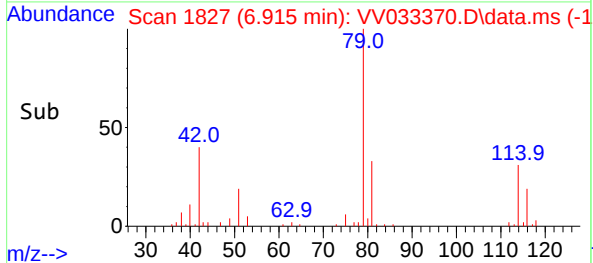
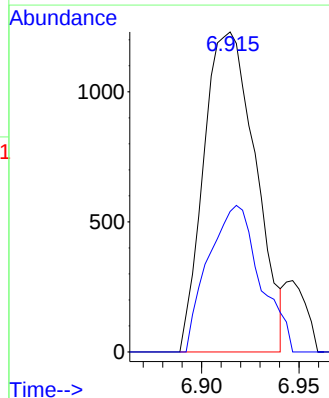
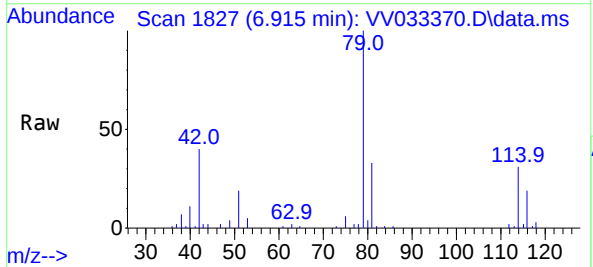
Instrument :
MSVOA_V
ClientSampleId :

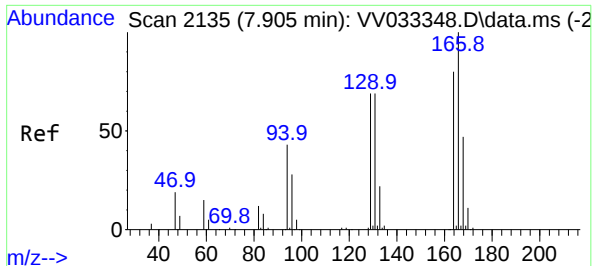
Tgt Ion: 63 Resp: 6944
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



#39
cis-1,3-Dichloropropene
Concen: 1.164 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.035 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

Tgt Ion: 75 Resp: 2275
Ion Ratio Lower Upper
75 100
77 43.9 22.4 41.6#





#46

Tetrachloroethene

Concen: 1.125 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV033370.D

Acq: 15 Dec 2023 05:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 1345

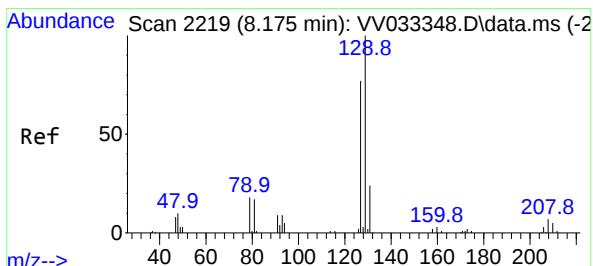
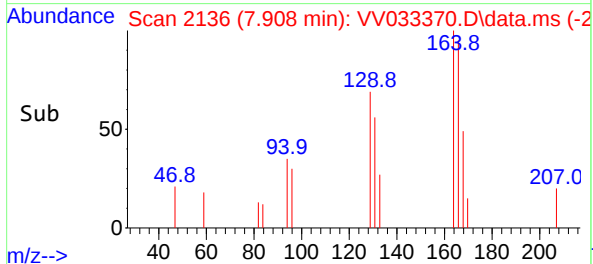
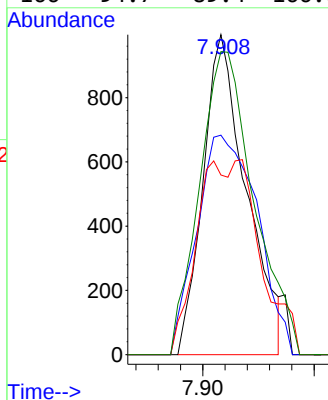
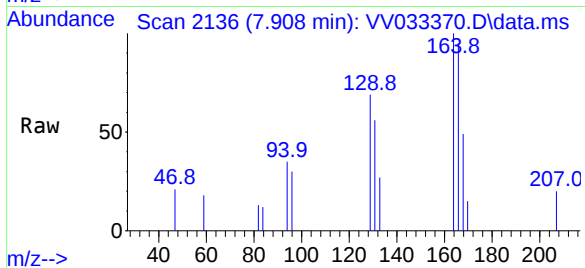
Ion Ratio Lower Upper

164 100

129 68.6 65.6 121.8

131 56.1 64.7 120.1#

166 94.7 89.4 166.0



#49

Dibromochloromethane

Concen: 0.864 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.267 min

Lab File: VV033370.D

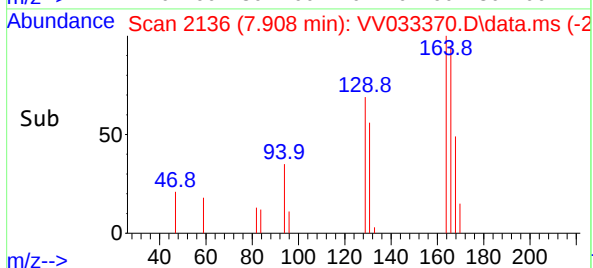
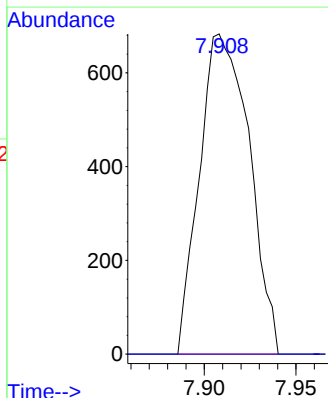
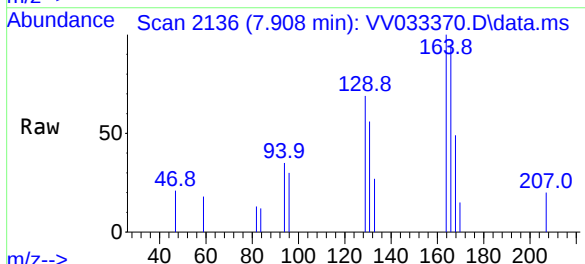
Acq: 15 Dec 2023 05:06

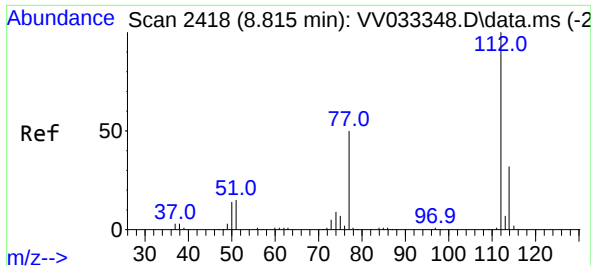
Tgt Ion:129 Resp: 1288

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



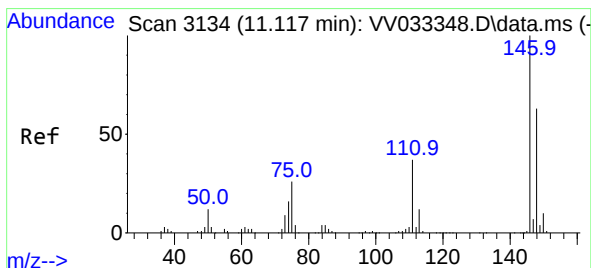
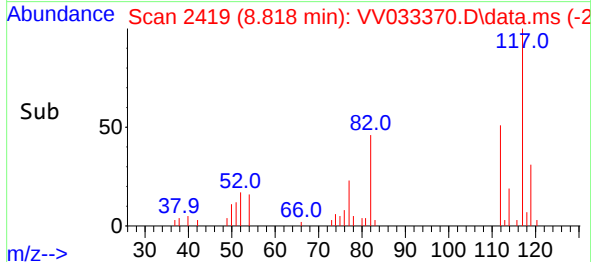
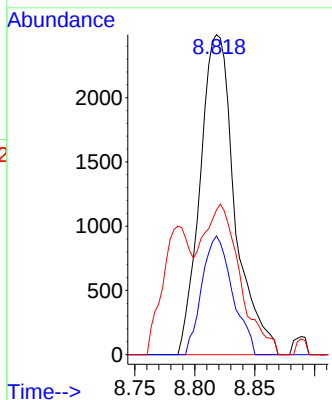
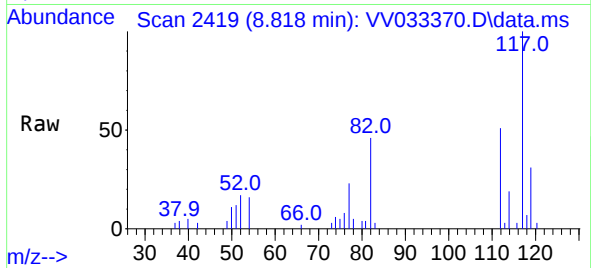


#51
Chlorobenzene
Concen: 1.362 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:112 Resp: 5026

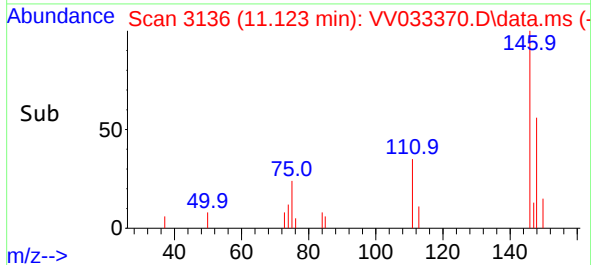
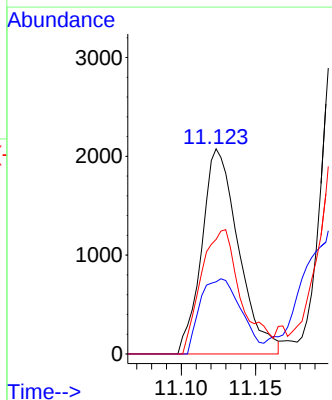
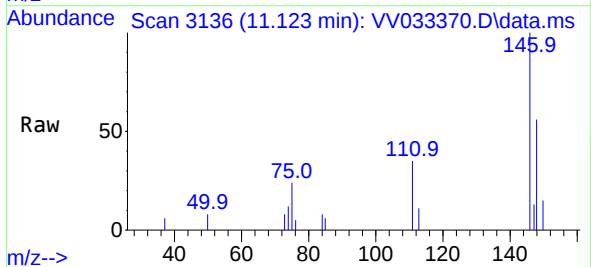
Ion	Ratio	Lower	Upper
112	100		
114	37.1	22.9	42.5
77	45.2	42.6	64.0

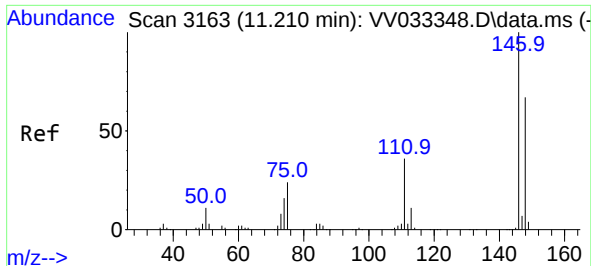


#64
1,3-Dichlorobenzene
Concen: 1.049 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

Tgt Ion:146 Resp: 3574

Ion	Ratio	Lower	Upper
146	100		
111	35.2	26.2	48.6
148	55.8	44.5	82.7

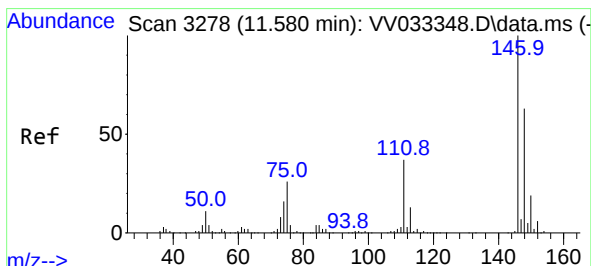
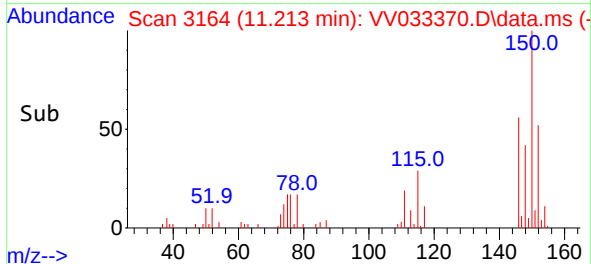
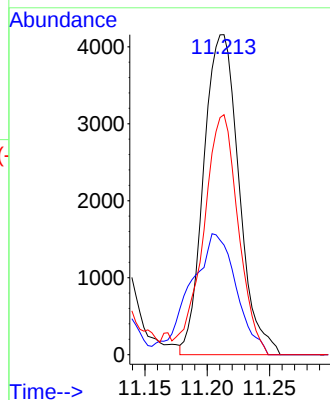
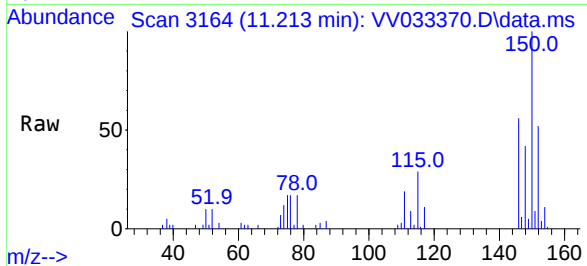




#65
1,4-Dichlorobenzene
Concen: 2.309 ug/L
RT: 11.213 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 8172
Ion Ratio Lower Upper
146 100
111 34.2 25.9 48.1
148 75.0 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 3.758 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV033370.D
Acq: 15 Dec 2023 05:06

Tgt Ion:146 Resp: 12553
Ion Ratio Lower Upper
146 100
111 44.2 32.4 48.6
148 65.5 51.8 77.8

