

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121423\
 Data File : VW033369.D
 Acq On : 15 Dec 2023 04:43
 Operator : SY/MD
 Sample : 05802-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 15 06:14:47 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)

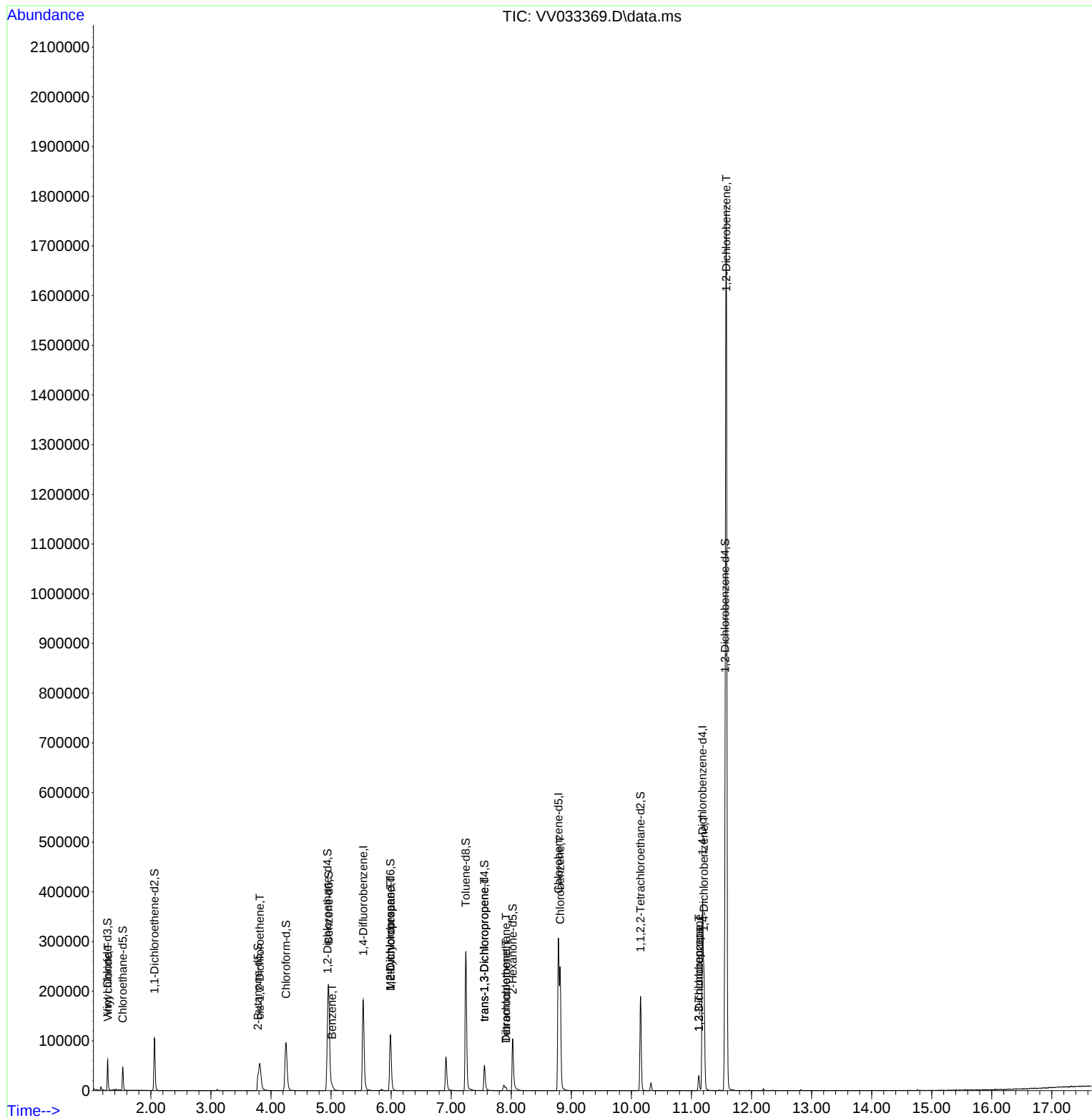
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	180749	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.786	117	179538	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	109115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35240	32.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.220%
7) Chloroethane-d5	1.532	69	28875	38.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.700%
11) 1,1-Dichloroethene-d2	2.059	65	15816	38.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.960%
21) 2-Butanone-d5	3.783	46	37928	70.673	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.670%
24) Chloroform-d	4.249	84	109724	47.850	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
26) 1,2-Dichloroethane-d4	4.940	65	74499	52.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.520%
32) Benzene-d6	4.960	84	197366	47.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	5.989	67	43953	38.931	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.860%
41) Toluene-d8	7.243	98	198105	49.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	7.551	79	29587	41.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
47) 2-Hexanone-d5	8.024	63	37640	82.988	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.990%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	73796	45.981	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.960%
66) 1,2-Dichlorobenzene-d4	11.561	152	110358	56.844	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.680%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	2201	1.761	ug/L #	59
20) cis-1,2-Dichloroethene	3.815	96	30617	24.252	ug/L	90
33) Benzene	5.014	78	9650	2.121	ug/L	100
35) Methylcyclohexane	5.989	83	15942	8.081	ug/L #	20
37) 1,2-Dichloropropane	5.989	63	6726	6.388	ug/L #	83
44) trans-1,3-Dichloropropene	7.551	75	1481	0.767	ug/L	99
46) Tetrachloroethene	7.911	164	2048	1.753	ug/L	82
49) Dibromochloromethane	7.911	129	1393	0.956	ug/L #	11
51) Chlorobenzene	8.815	112	142330	39.478	ug/L	95
61) 1,2,3-Trichloropropane	11.123	75	3502	2.574	ug/L #	20
64) 1,3-Dichlorobenzene	11.123	146	15075	4.485	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	97882	28.034	ug/L	95
67) 1,2-Dichlorobenzene	11.580	146	736830	223.608	ug/L	97

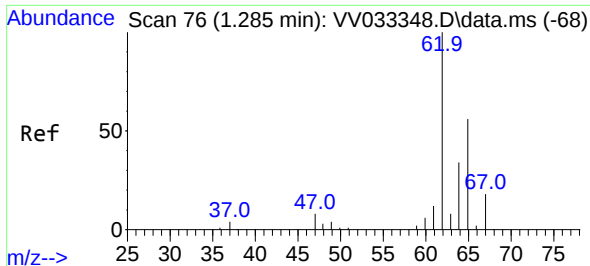
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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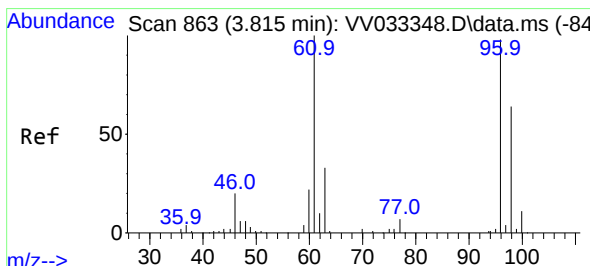
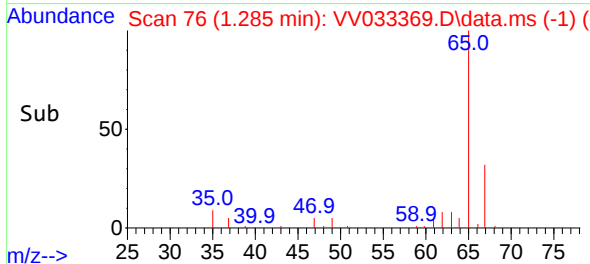
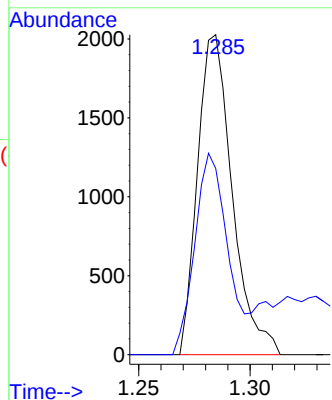
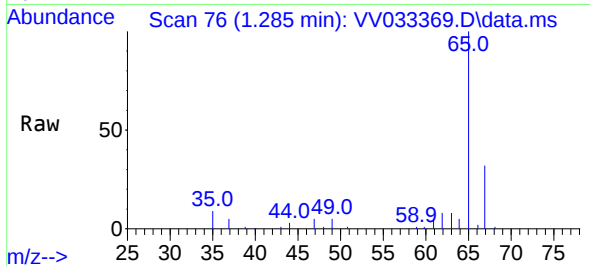




#5
 Vinyl chloride
 Concen: 1.761 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033369.D
 Acq: 15 Dec 2023 04:43

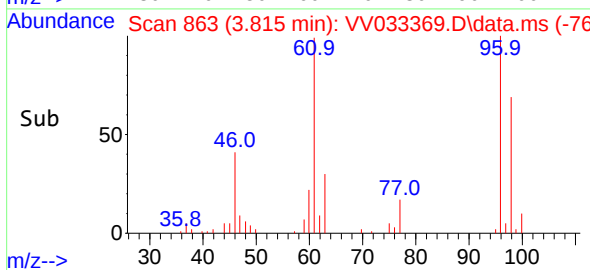
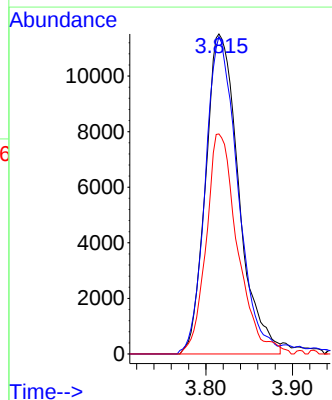
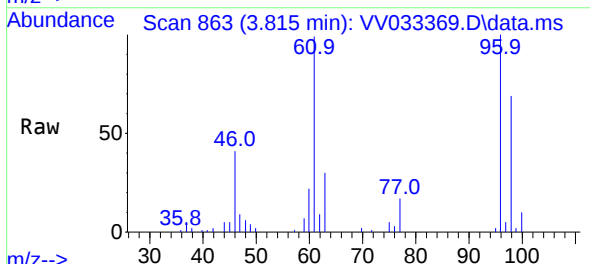
Instrument :
 MSVOA_V
 ClientSampleId :

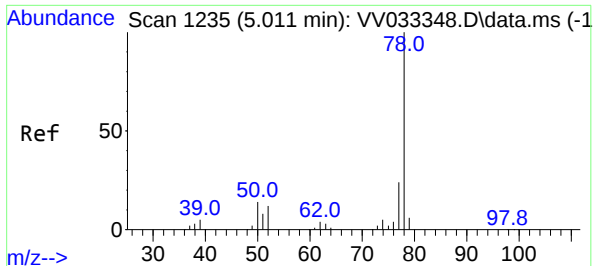
Tgt Ion: 62 Resp: 2201
 Ion Ratio Lower Upper
 62 100
 64 58.2 24.2 45.0#



#20
 cis-1,2-Dichloroethene
 Concen: 24.252 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033369.D
 Acq: 15 Dec 2023 04:43

Tgt Ion: 96 Resp: 30617
 Ion Ratio Lower Upper
 96 100
 61 99.1 79.1 146.9
 98 68.8 45.1 83.7

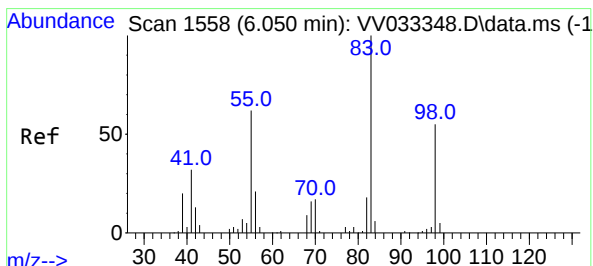
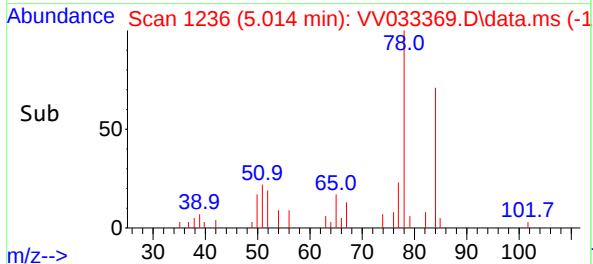
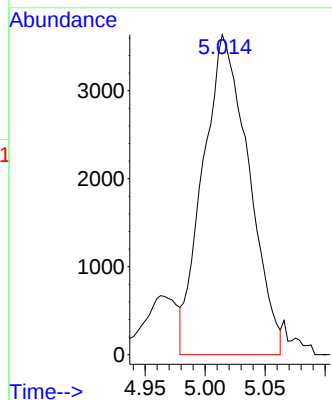
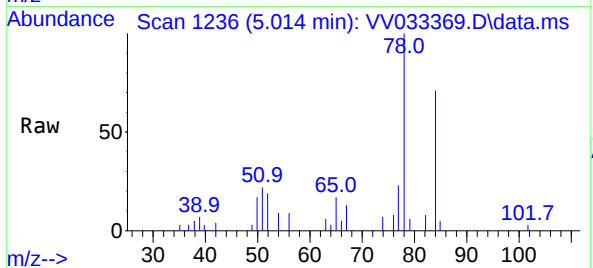




#33
Benzene
Concen: 2.121 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV033369.D
Acq: 15 Dec 2023 04:43

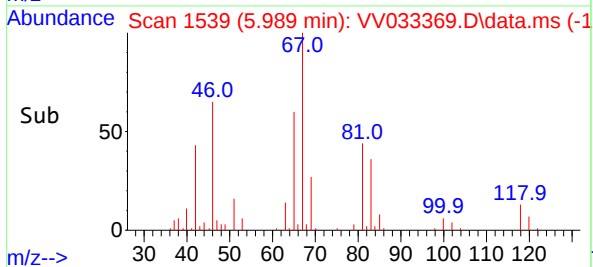
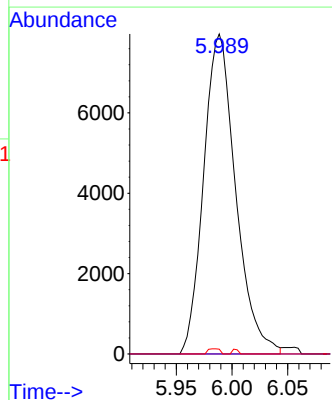
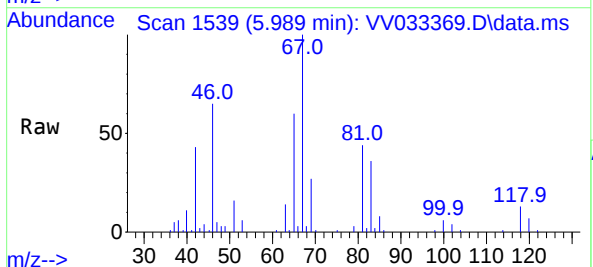
Instrument :
MSVOA_V
ClientSampleId :

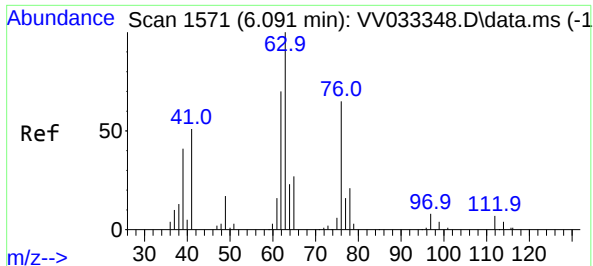
Tgt Ion: 78 Resp: 9650



#35
Methylcyclohexane
Concen: 8.081 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV033369.D
Acq: 15 Dec 2023 04:43

Tgt Ion: 83 Resp: 15942
Ion Ratio Lower Upper
83 100
55 0.0 54.8 82.2#
98 0.3 41.4 62.0#

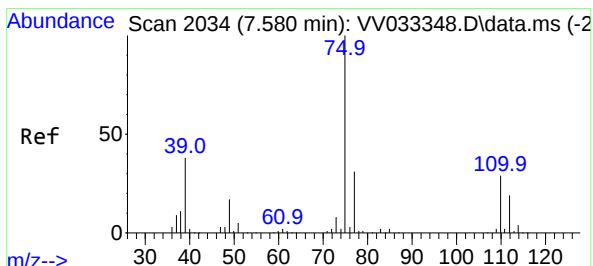
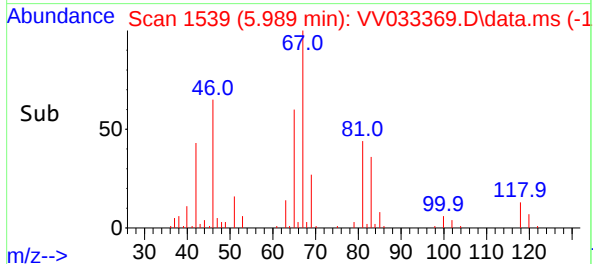
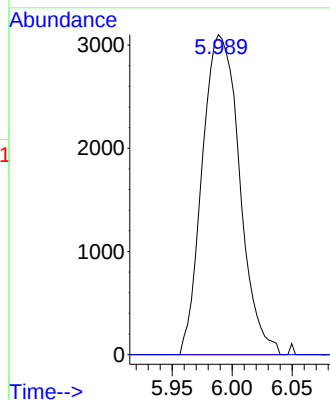
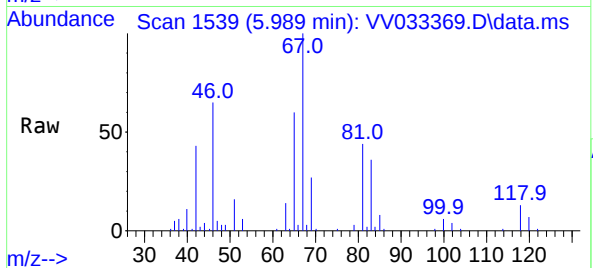




#37
1,2-Dichloropropane
Concen: 6.388 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV033369.D
Acq: 15 Dec 2023 04:43

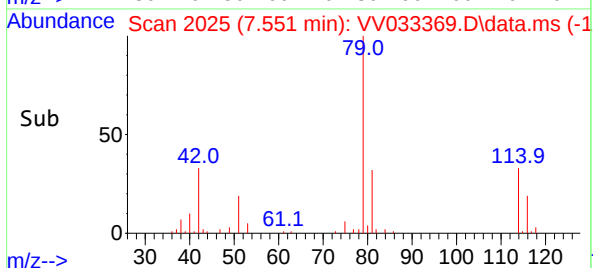
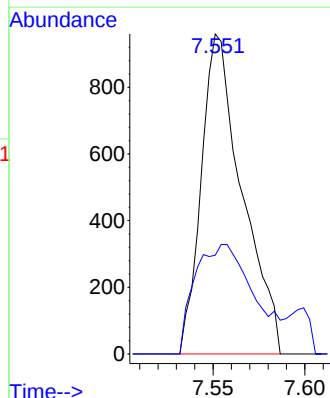
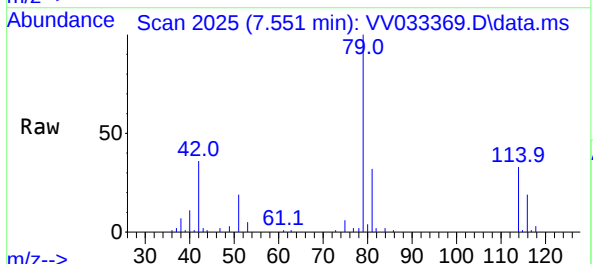
Instrument :
MSVOA_V
ClientSampleId :

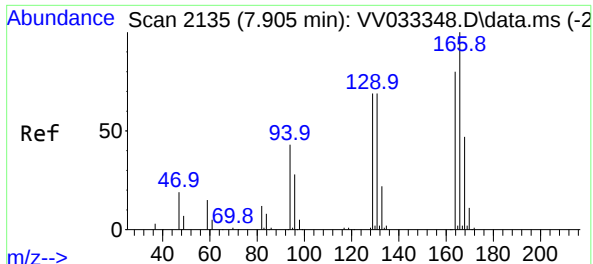
Tgt Ion: 63 Resp: 6726
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#



#44
trans-1,3-Dichloropropene
Concen: 0.767 ug/L
RT: 7.551 min Scan# 2025
Delta R.T. -0.029 min
Lab File: VV033369.D
Acq: 15 Dec 2023 04:43

Tgt Ion: 75 Resp: 1481
Ion Ratio Lower Upper
75 100
77 30.8 22.0 41.0





#46

Tetrachloroethene

Concen: 1.753 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. 0.006 min

Lab File: VV033369.D

Acq: 15 Dec 2023 04:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 2048

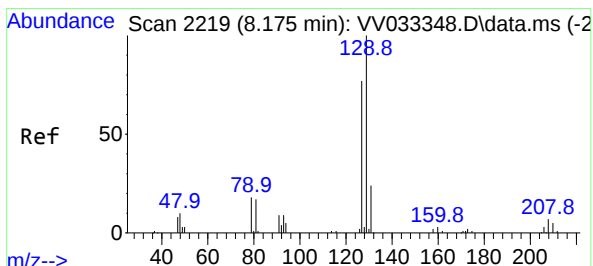
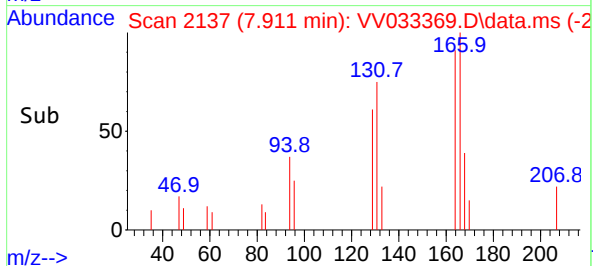
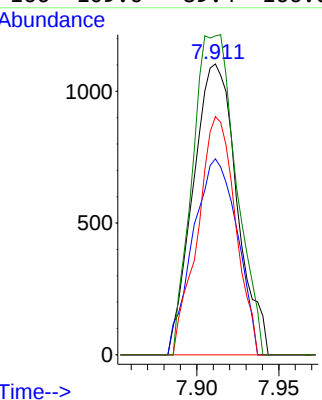
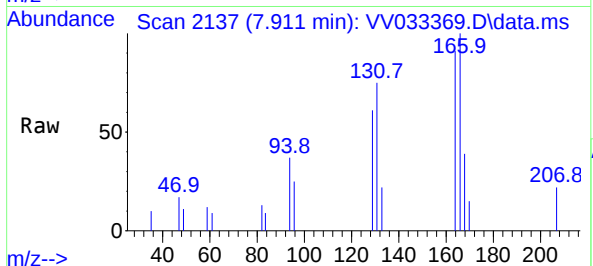
Ion Ratio Lower Upper

164 100

129 67.4 65.6 121.8

131 81.9 64.7 120.1

166 109.6 89.4 166.0



#49

Dibromochloromethane

Concen: 0.956 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.264 min

Lab File: VV033369.D

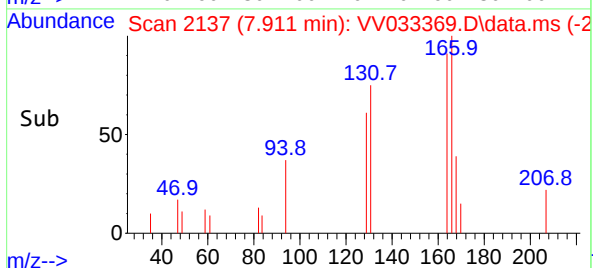
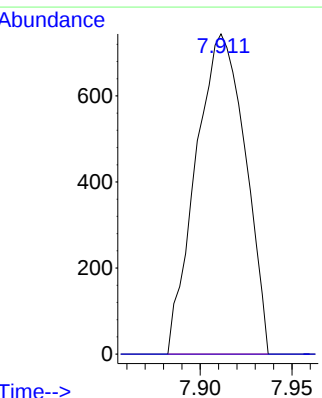
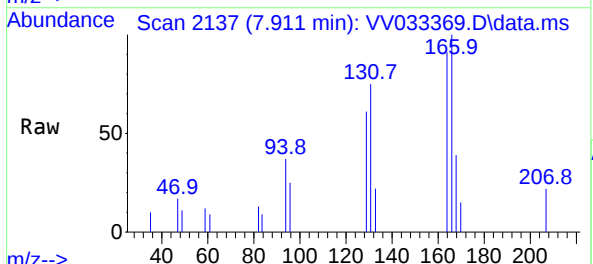
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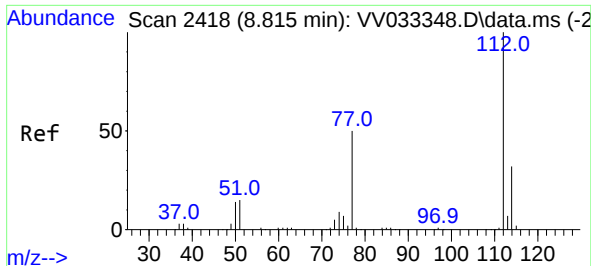
Tgt Ion:129 Resp: 1393

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

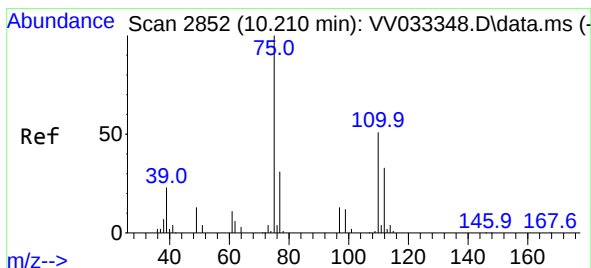
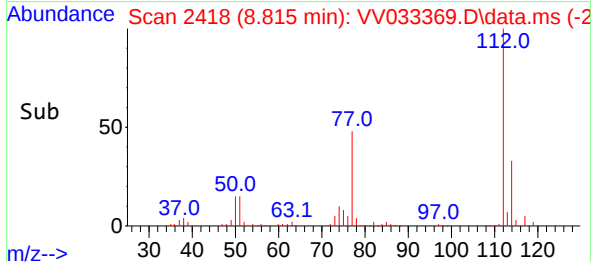
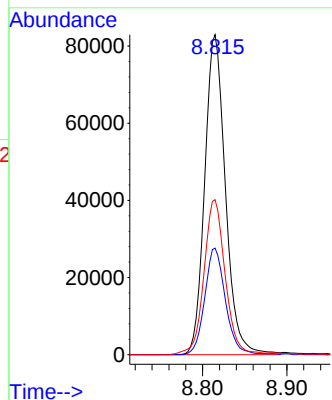
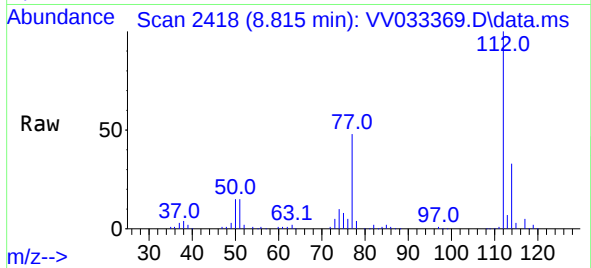




#51
Chlorobenzene
Concen: 39.478 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033369.D
Acq: 15 Dec 2023 04:43

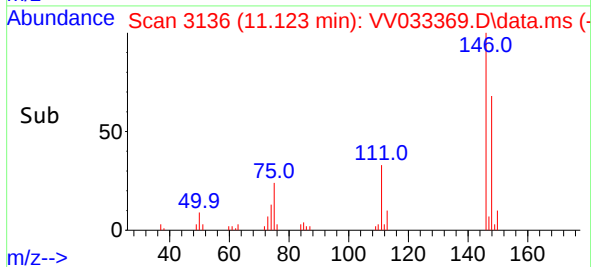
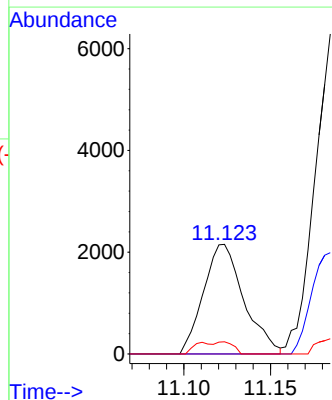
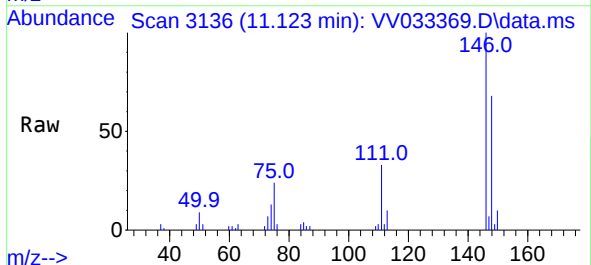
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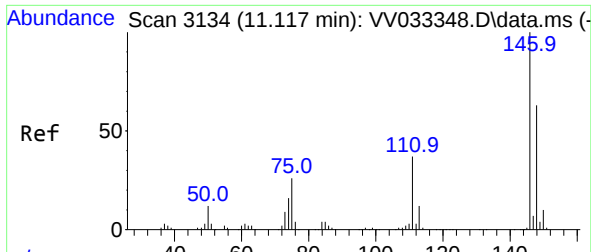
Tgt Ion:112 Resp: 142330
Ion Ratio Lower Upper
112 100
114 33.3 22.9 42.5
77 48.5 42.6 64.0



#61
1,2,3-Trichloropropane
Concen: 2.574 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.916 min
Lab File: VV033369.D
Acq: 15 Dec 2023 04:43

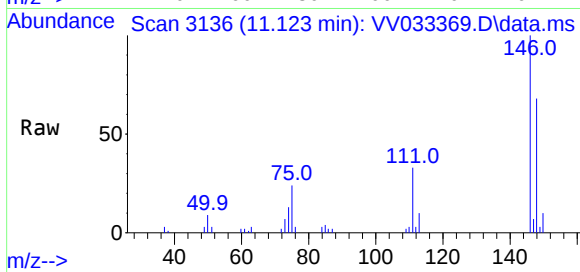
Tgt Ion: 75 Resp: 3502
Ion Ratio Lower Upper
75 100
77 92.7 27.0 40.6#
110 4.5 38.1 57.1#



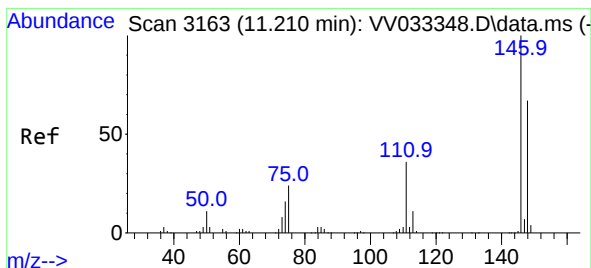
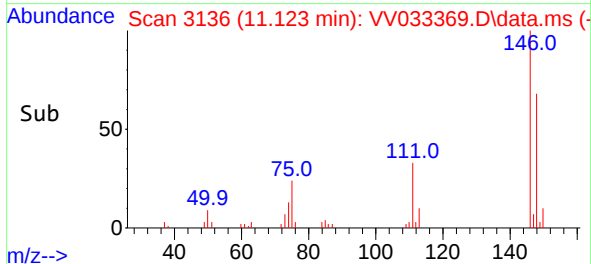
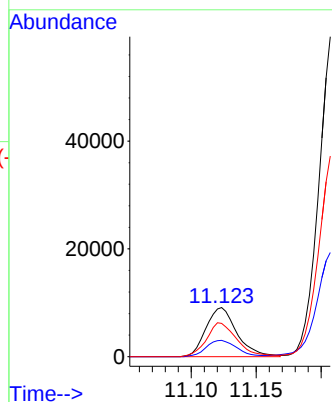


#64
1,3-Dichlorobenzene
Concen: 4.485 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033369.D
Acq: 15 Dec 2023 04:43

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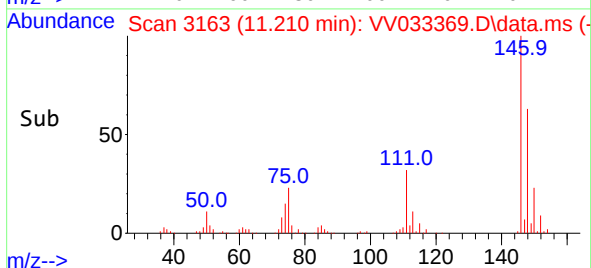
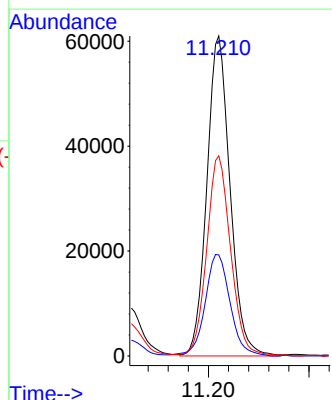
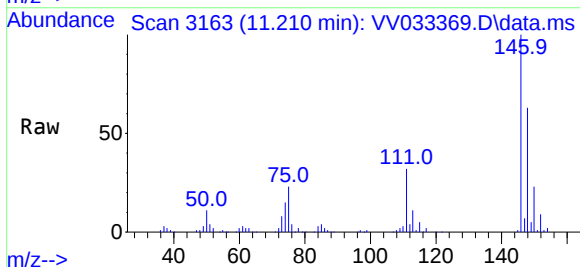


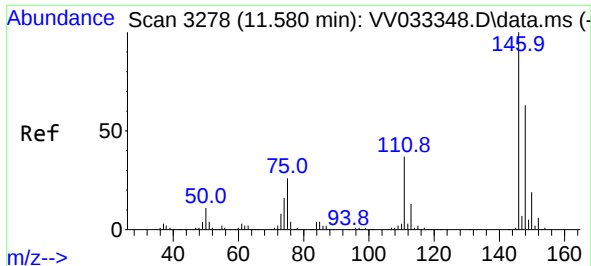
Tgt Ion:146 Resp: 15075
Ion Ratio Lower Upper
146 100
111 33.1 26.2 48.6
148 67.7 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 28.034 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033369.D
Acq: 15 Dec 2023 04:43

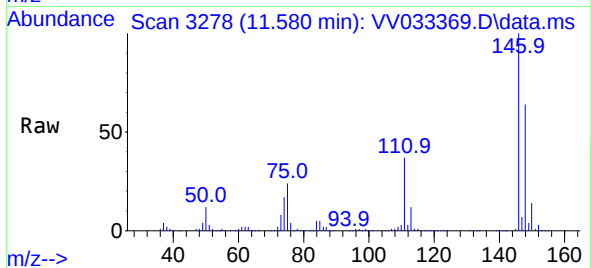
Tgt Ion:146 Resp: 97882
Ion Ratio Lower Upper
146 100
111 31.6 25.9 48.1
148 62.6 44.9 83.5





#67
 1,2-Dichlorobenzene
 Concen: 223.608 ug/L
 RT: 11.580 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033369.D
 Acq: 15 Dec 2023 04:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:146 Resp: 736830
 Ion Ratio Lower Upper
 146 100
 111 37.5 32.4 48.6
 148 63.8 51.8 77.8

