

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029502.D
 Acq On : 09 Dec 2022 02:48
 Operator : SY/MD
 Sample : N5915-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N15

Quant Time: Dec 09 04:17:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

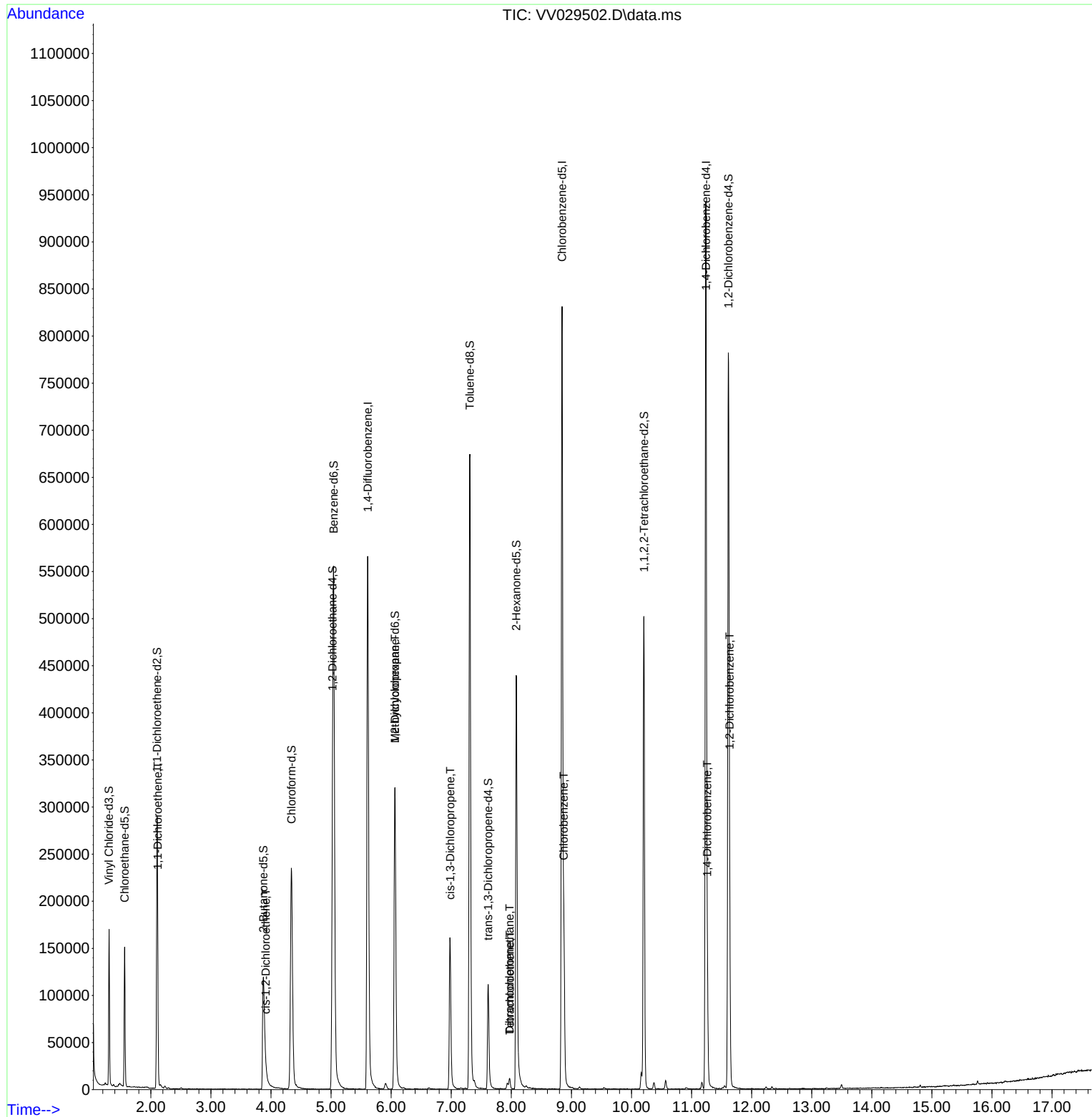
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	523875	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	479978	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	252702	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101032	31.494	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	62.980%	
7) Chloroethane-d5	1.564	69	94083	38.461	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	76.920%	
11) 1,1-Dichloroethene-d2	2.105	63	145757	29.130	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.260%#	
21) 2-Butanone-d5	3.873	46	197544	100.944	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	100.940%	
24) Chloroform-d	4.339	84	252200	41.777	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.560%	
26) 1,2-Dichloroethane-d4	5.024	65	154923	44.933	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.860%	
32) Benzene-d6	5.043	84	528174	41.645	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.300%	
36) 1,2-Dichloropropane-d6	6.063	67	167906	43.342	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.680%	
41) Toluene-d8	7.310	98	476490	39.874	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	79.740%#	
43) trans-1,3-Dichloroprop...	7.616	79	69522	35.539	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.080%	
47) 2-Hexanone-d5	8.082	63	171470	103.653	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	103.650%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	251359	45.405	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.820%	
66) 1,2-Dichlorobenzene-d4	11.612	152	203719	42.349	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.700%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	4031	1.440	ug/L #	1
20) cis-1,2-Dichloroethene	3.912	96	2641	0.744	ug/L	98
35) Methylcyclohexane	6.063	83	41336	7.179	ug/L #	21
39) cis-1,3-Dichloropropene	6.982	75	3778	0.703	ug/L #	50
46) Tetrachloroethene	7.976	164	2923	1.072	ug/L	88
49) Dibromochloromethane	7.969	129	2614	0.702	ug/L #	10
51) Chlorobenzene	8.873	112	92741	10.058	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	43880	5.952	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	68862	9.283	ug/L	99

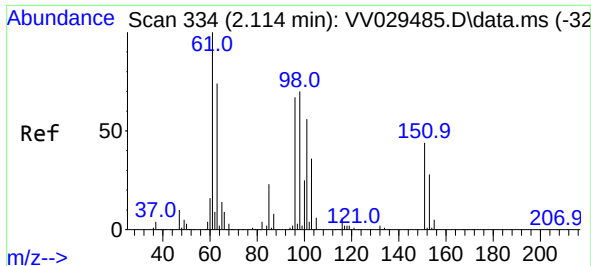
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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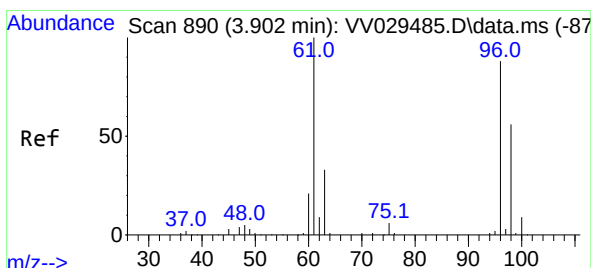
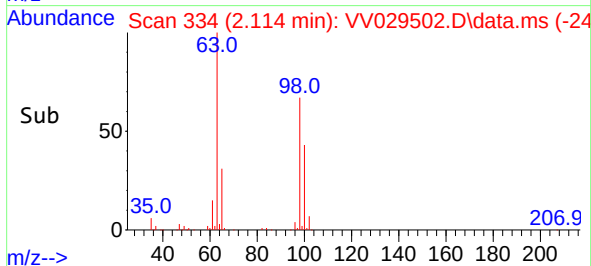
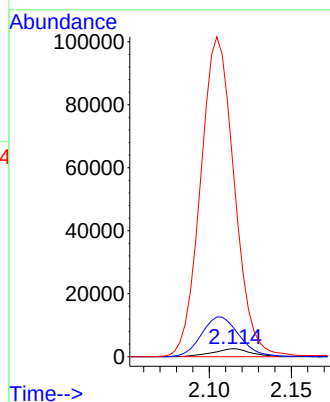
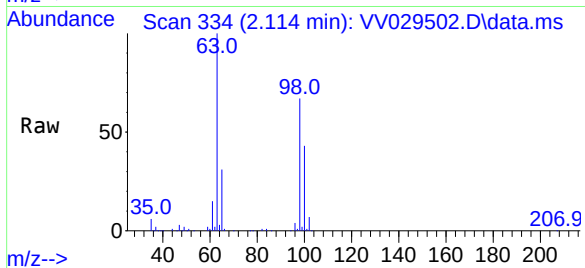




#12
1,1-Dichloroethene
Concen: 1.440 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029502.D
Acq: 09 Dec 2022 02:48

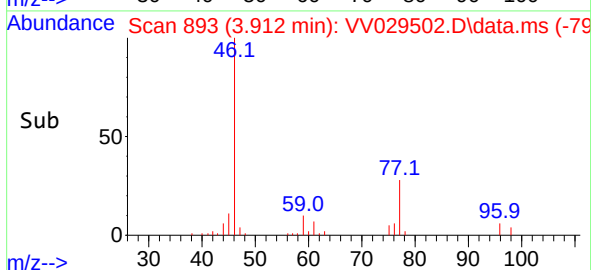
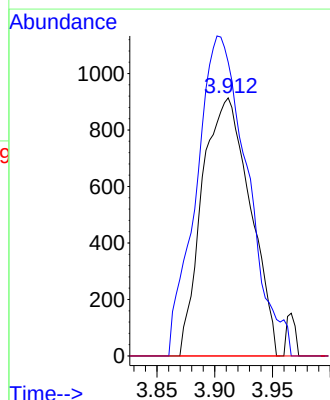
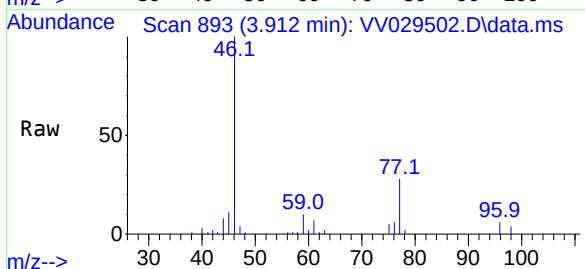
Instrument :
MSVOA_V
ClientSampleId :
F5N15

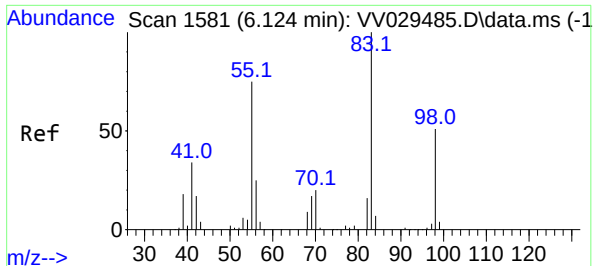
Tgt Ion: 96 Resp: 4031
Ion Ratio Lower Upper
96 100
61 371.2 103.3 191.9#
63 2409.7 77.3 143.7#



#20
cis-1,2-Dichloroethene
Concen: 0.744 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV029502.D
Acq: 09 Dec 2022 02:48

Tgt Ion: 96 Resp: 2641
Ion Ratio Lower Upper
96 100
61 113.8 78.0 144.9
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 7.179 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.064 min

Lab File: VV029502.D

Acq: 09 Dec 2022 02:48

Instrument :

MSVOA_V

ClientSampleId :

F5N15

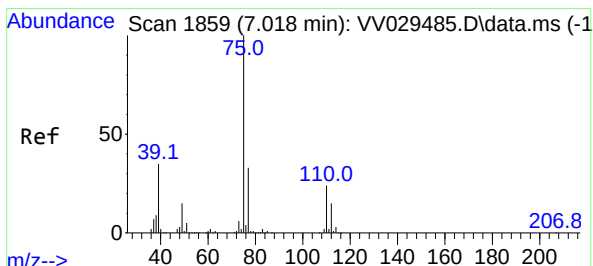
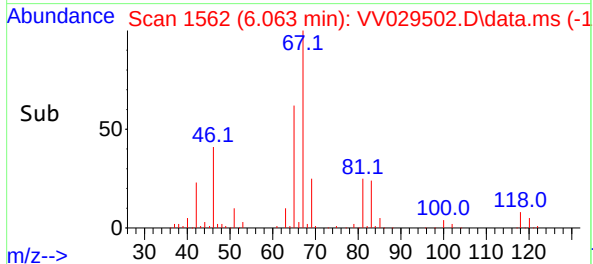
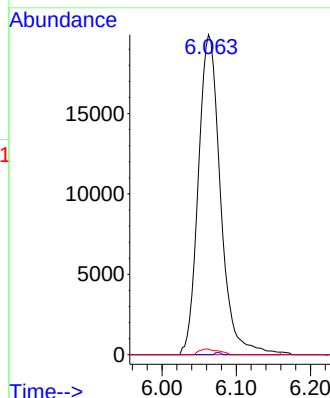
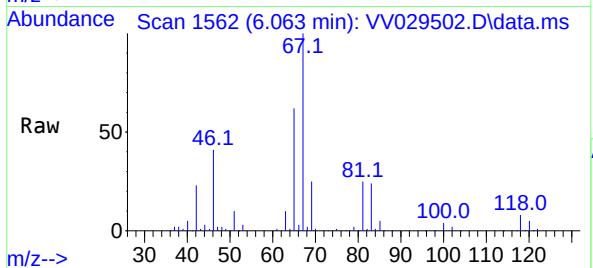
Tgt Ion: 83 Resp: 41336

Ion Ratio Lower Upper

83 100

55 0.2 55.5 83.3#

98 1.6 39.8 59.8#



#39

cis-1,3-Dichloropropene

Concen: 0.703 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.039 min

Lab File: VV029502.D

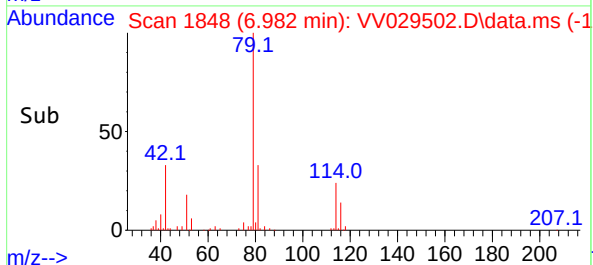
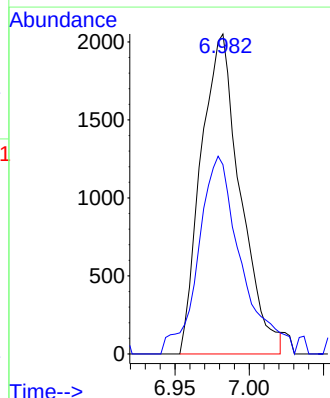
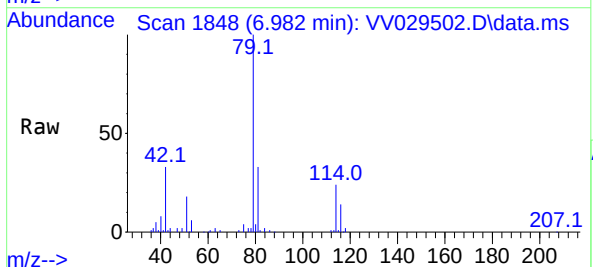
Acq: 09 Dec 2022 02:48

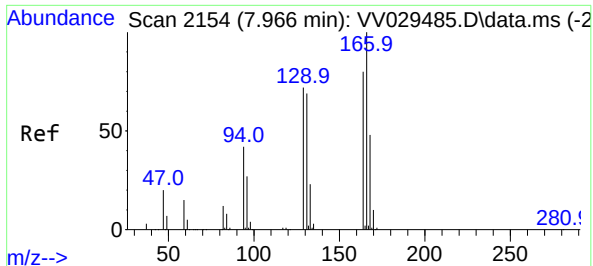
Tgt Ion: 75 Resp: 3778

Ion Ratio Lower Upper

75 100

77 59.1 21.9 40.7#





#46

Tetrachloroethene

Concen: 1.072 ug/L

RT: 7.976 min Scan# 2154

Delta R.T. 0.006 min

Lab File: VV029502.D

Acq: 09 Dec 2022 02:48

Instrument :

MSVOA_V

ClientSampleId :

F5N15

Tgt Ion:164 Resp: 2923

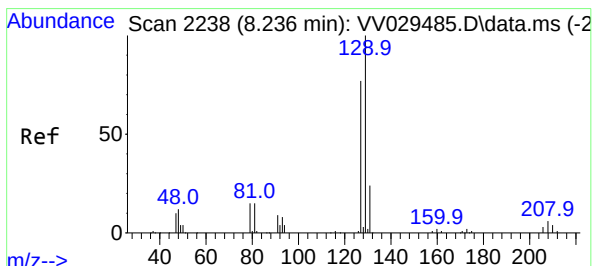
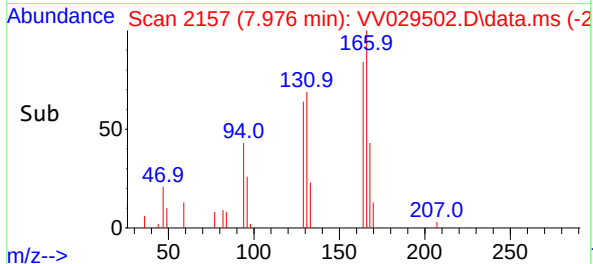
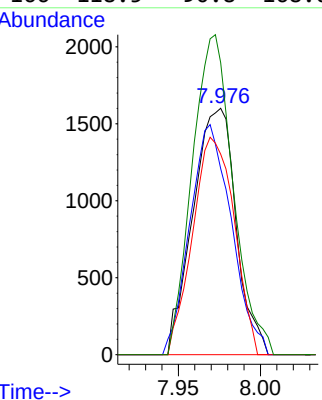
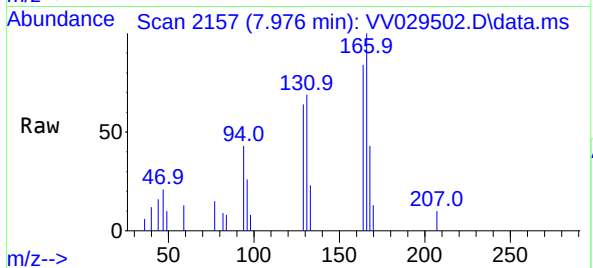
Ion Ratio Lower Upper

164 100

129 75.5 65.3 121.3

131 81.4 63.1 117.1

166 118.5 90.8 168.6



#49

Dibromochloromethane

Concen: 0.702 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029502.D

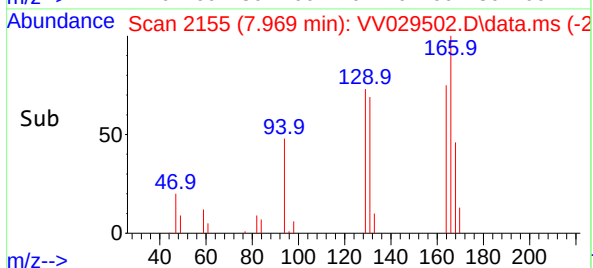
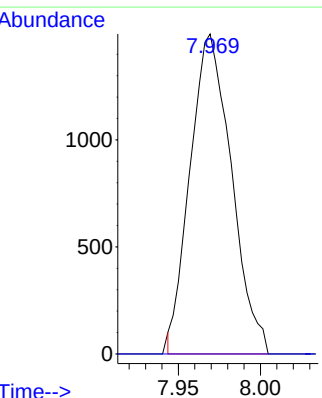
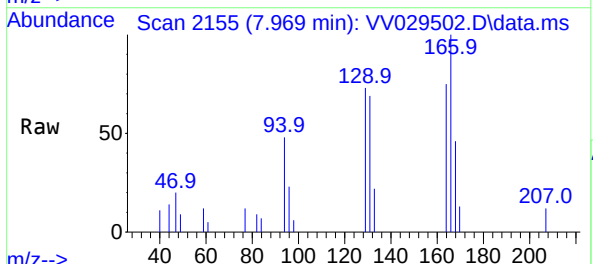
Acq: 09 Dec 2022 02:48

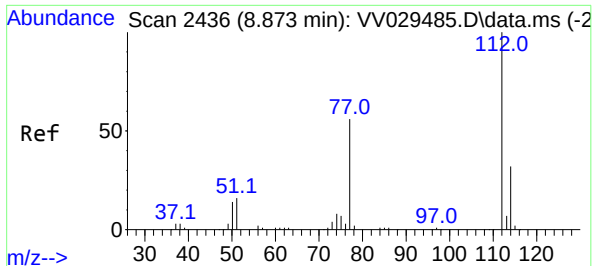
Tgt Ion:129 Resp: 2614

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#





#51

Chlorobenzene

Concen: 10.058 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029502.D

Acq: 09 Dec 2022 02:48

Instrument :

MSVOA_V

ClientSampleId :

F5N15

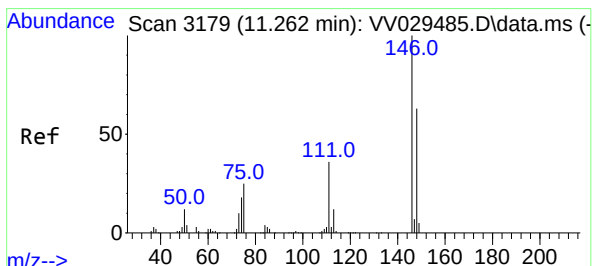
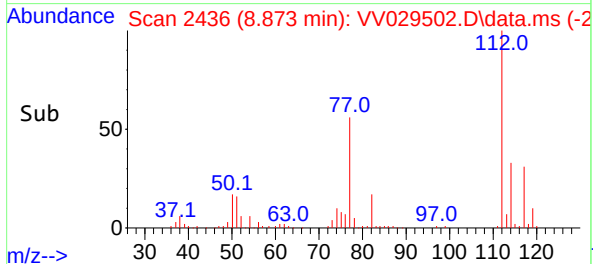
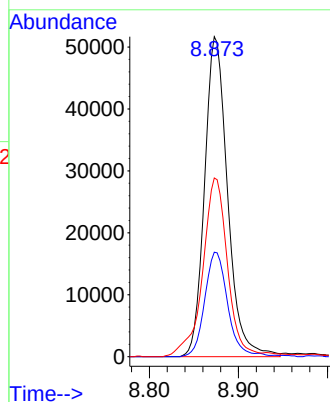
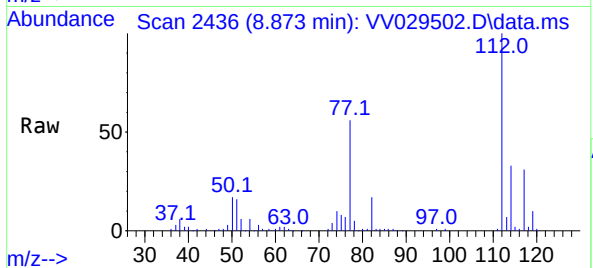
Tgt Ion:112 Resp: 92741

Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.3

77 55.9 45.0 67.4



#65

1,4-Dichlorobenzene

Concen: 5.952 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. -0.000 min

Lab File: VV029502.D

Acq: 09 Dec 2022 02:48

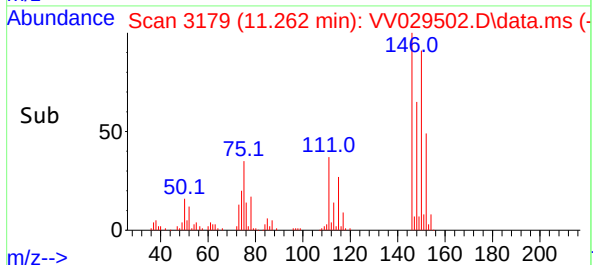
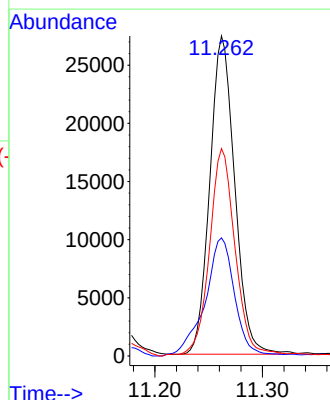
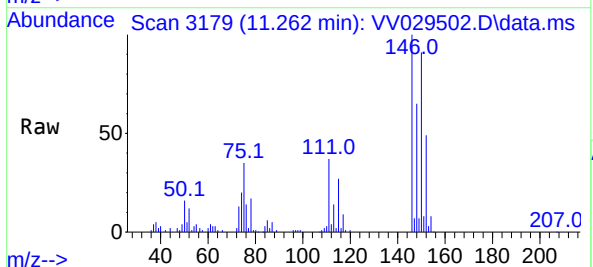
Tgt Ion:146 Resp: 43880

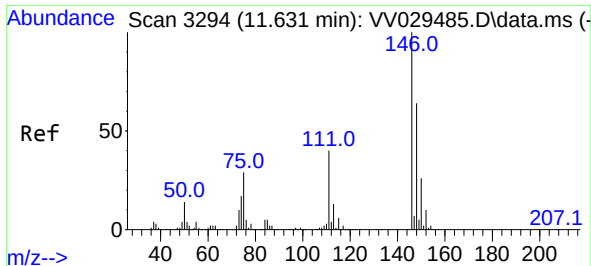
Ion Ratio Lower Upper

146 100

111 36.9 26.2 48.8

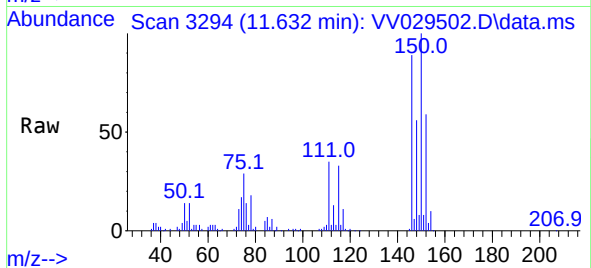
148 64.8 44.7 83.1





#67
 1,2-Dichlorobenzene
 Concen: 9.283 ug/L
 RT: 11.632 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV029502.D
 Acq: 09 Dec 2022 02:48

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:146 Resp: 68862
 Ion Ratio Lower Upper
 146 100
 111 39.0 32.0 48.0
 148 63.2 50.6 76.0

