

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023958.D
 Acq On : 14 Dec 2021 11:22
 Operator : SY/MD
 Sample : M5005-09 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK277

Quant Time: Dec 15 01:38:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

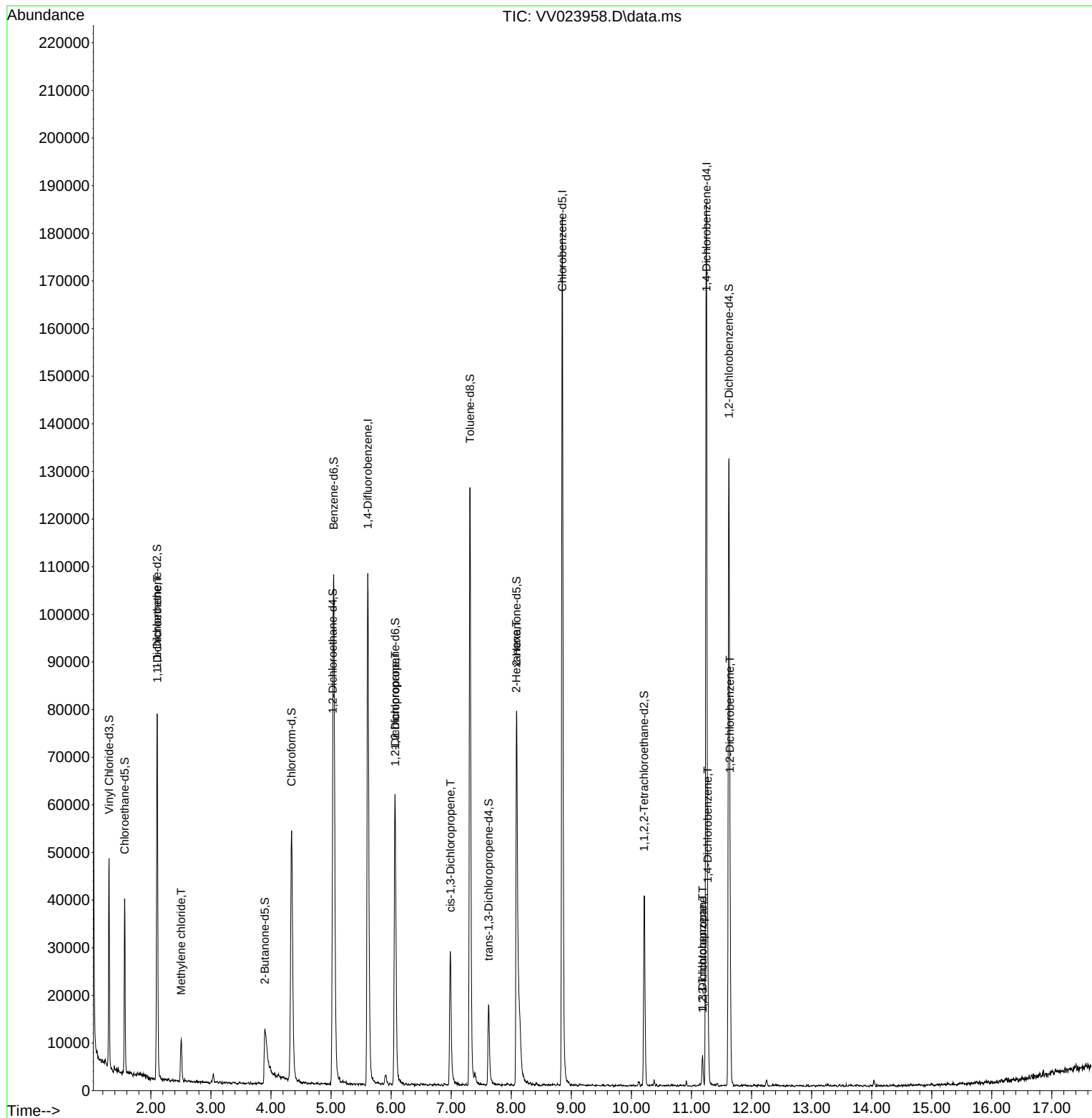
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	97340	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	103305	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52447	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25841	4.938	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.564	69	21670	4.963	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.105	63	38950	3.813	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	3.899	46	23576	23.061	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	46.120%	
24) Chloroform-d	4.342	84	52682	4.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	5.027	65	25042	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
32) Benzene-d6	5.043	84	98388	4.809	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.066	67	28081	4.549	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.313	98	86459	4.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
43) trans-1,3-Dichloroprop...	7.622	79	10556	4.122	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.400%	
46) 2-Hexanone-d5	8.088	63	33919	29.587	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	59.180%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	18588	3.630	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	72.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	33865	4.834	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.108	96	433	0.066	ug/L #	1
16) Methylene chloride	2.507	84	3587	0.420	ug/L	92
37) 1,2-Dichloropropane	6.069	63	3437	0.495	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	912	0.088	ug/L	84
48) 2-Hexanone	8.085	43	4637	1.917	ug/L #	71
61) 1,2,3-Trichloropropane	11.188	75	835	0.234	ug/L #	37
64) 1,3-Dichlorobenzene	11.185	146	3080	0.196	ug/L	92
65) 1,4-Dichlorobenzene	11.271	146	7088	0.448	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	11366	0.788	ug/L	98

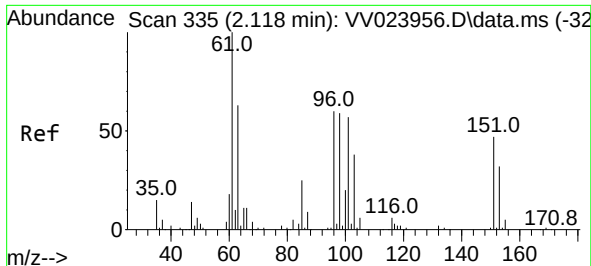
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.066 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV023958.D

Acq: 14 Dec 2021 11:22

Instrument :

MSVOA_V

ClientSampleId :

VBLK277

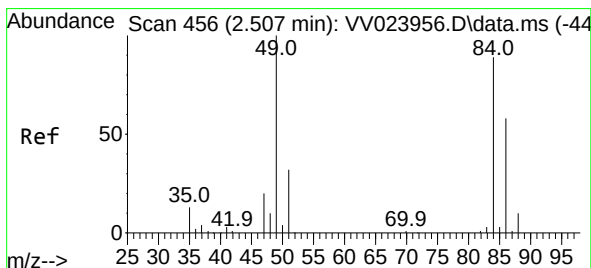
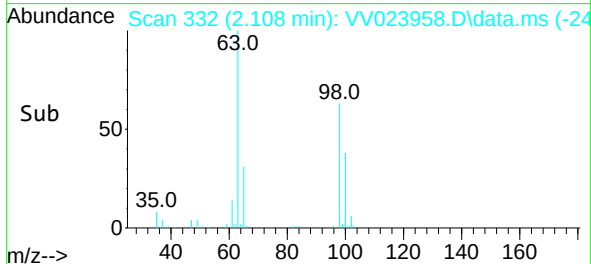
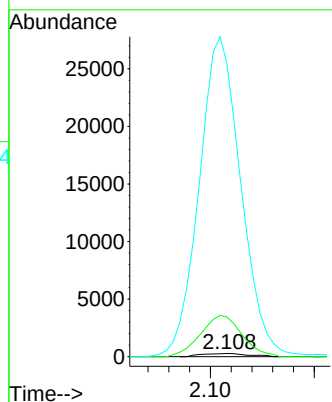
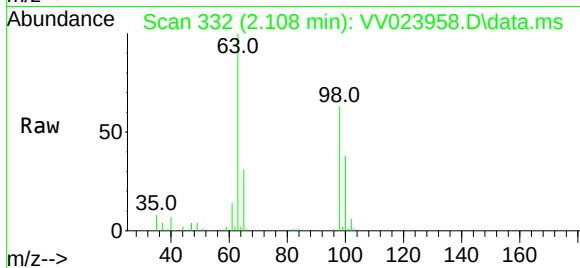
Tgt Ion: 96 Resp: 433

Ion Ratio Lower Upper

96 100

61 1261.7 116.1 215.5#

63 9313.9 79.4 147.4#



#16

Methylene chloride

Concen: 0.420 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV023958.D

Acq: 14 Dec 2021 11:22

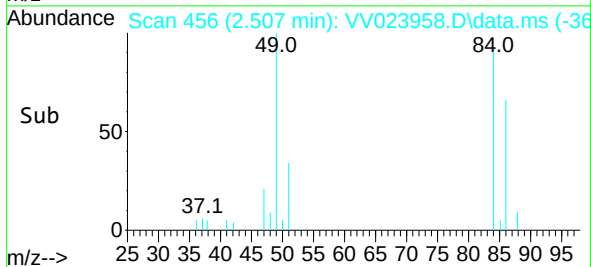
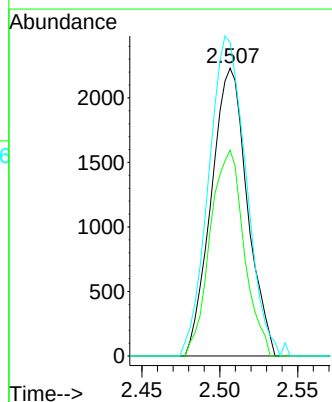
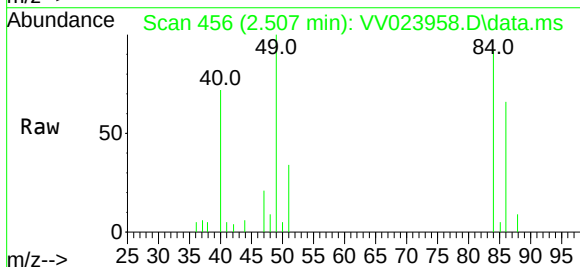
Tgt Ion: 84 Resp: 3587

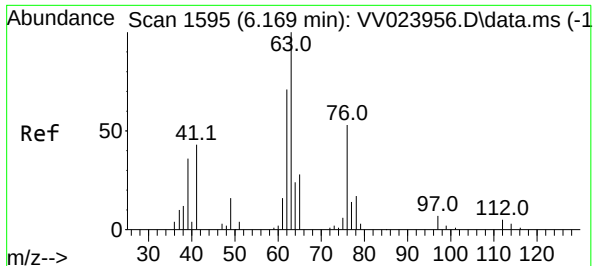
Ion Ratio Lower Upper

84 100

86 71.5 42.6 79.0

49 109.0 79.7 147.9





#37

1,2-Dichloropropane

Concen: 0.495 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023958.D

Acq: 14 Dec 2021 11:22

Instrument :

MSVOA_V

ClientSampleId :

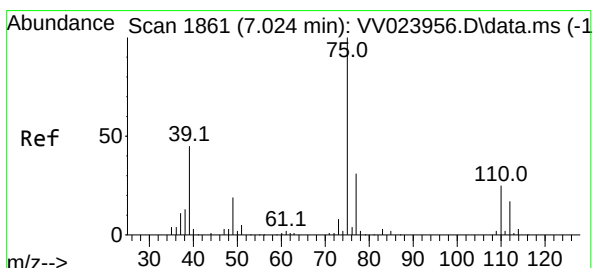
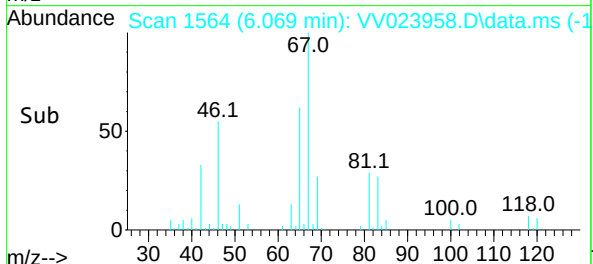
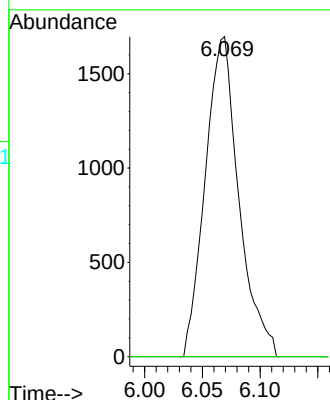
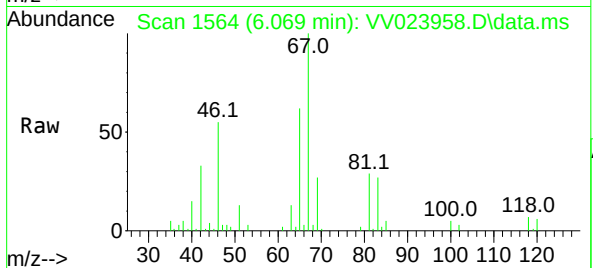
VBLK277

Tgt Ion: 63 Resp: 3437

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV023958.D

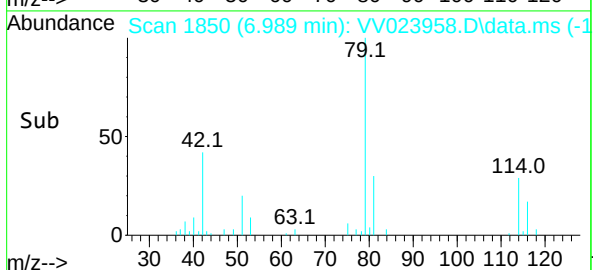
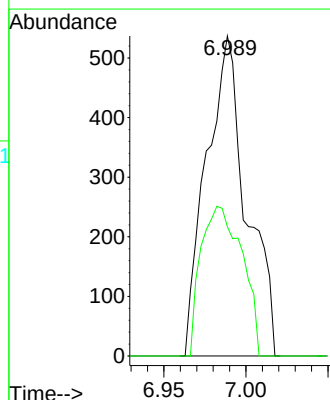
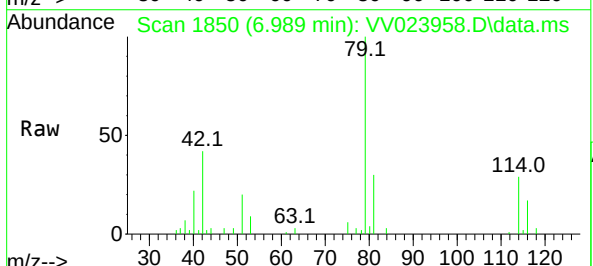
Acq: 14 Dec 2021 11:22

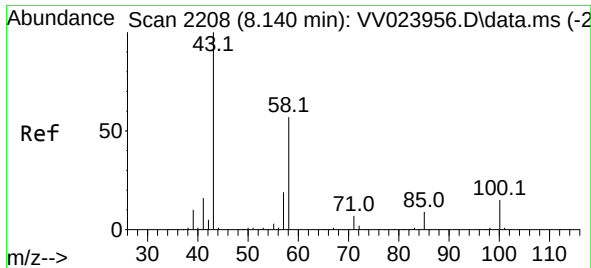
Tgt Ion: 75 Resp: 912

Ion Ratio Lower Upper

75 100

77 40.4 22.0 41.0

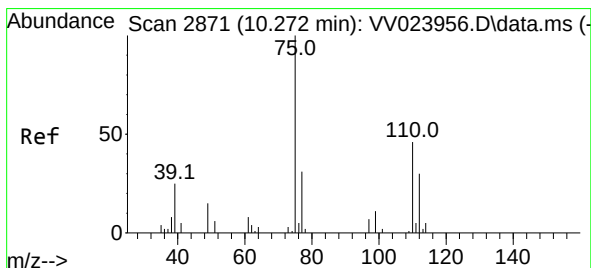
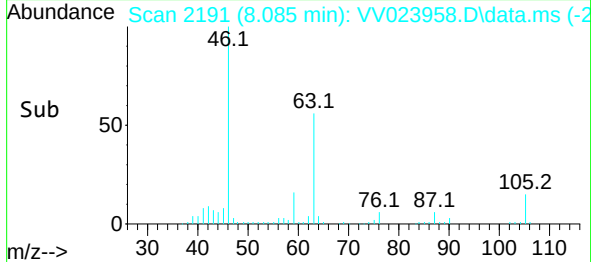
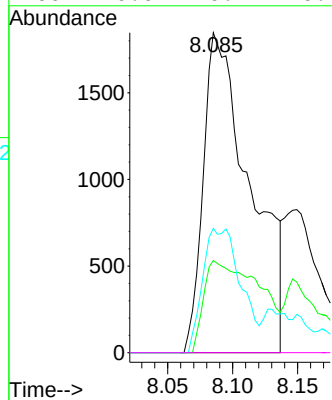
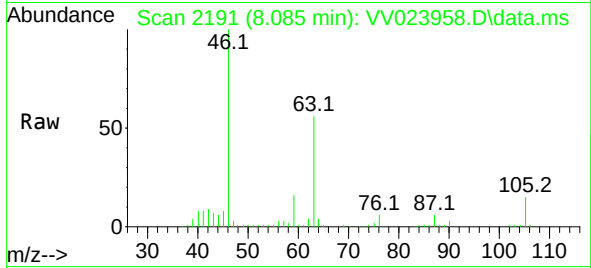




#48
2-Hexanone
Concen: 1.917 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.055 min
Lab File: VV023958.D
Acq: 14 Dec 2021 11:22

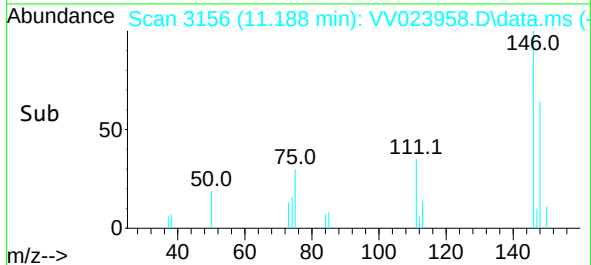
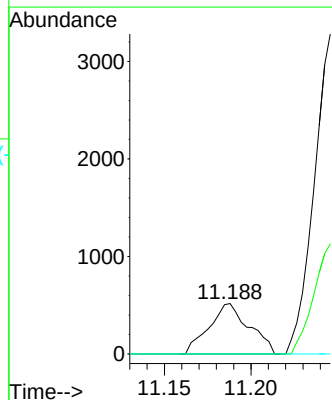
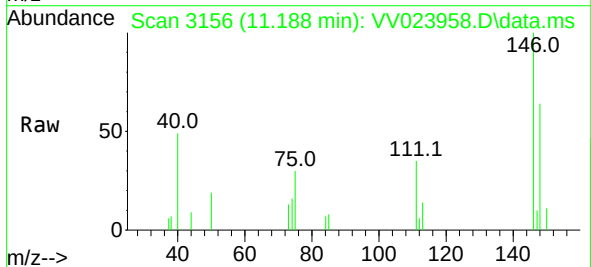
Instrument :
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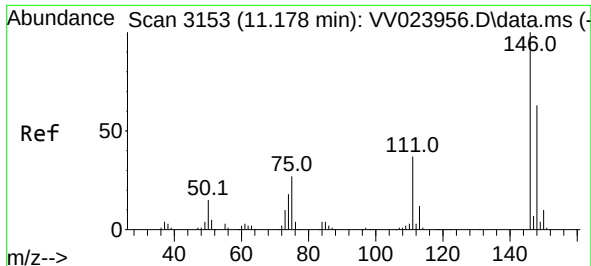
Tgt Ion: 43	Resp:	4637
Ion	Ratio	Lower Upper
43	100	
58	34.6	44.5 66.7#
57	31.7	15.1 22.7#
100	0.0	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 0.234 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.916 min
Lab File: VV023958.D
Acq: 14 Dec 2021 11:22

Tgt Ion: 75	Resp:	835
Ion	Ratio	Lower Upper
75	100	
77	0.0	26.4 39.6#
110	0.0	34.2 51.2#

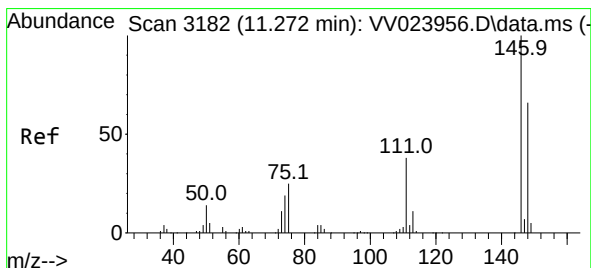
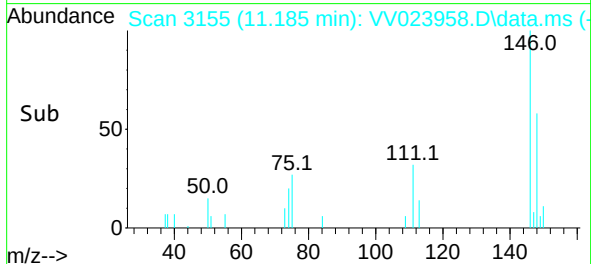
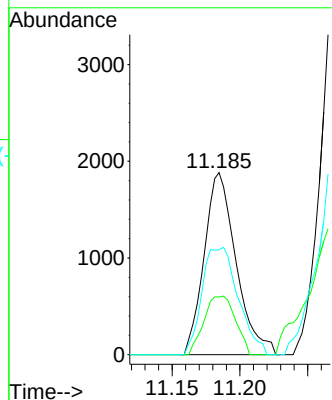
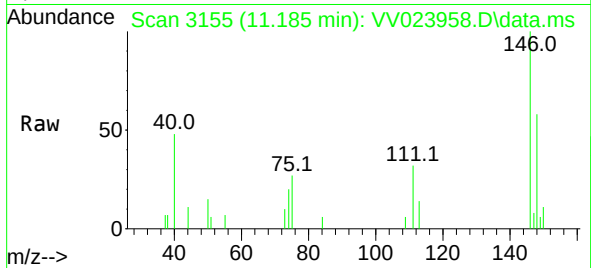




#64
1,3-Dichlorobenzene
Concen: 0.196 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.007 min
Lab File: VV023958.D
Acq: 14 Dec 2021 11:22

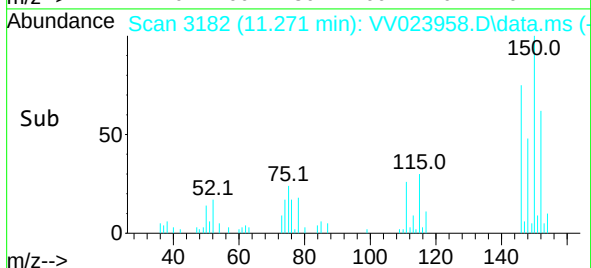
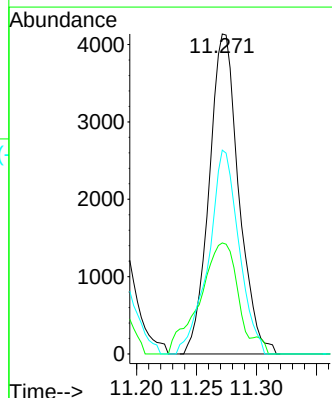
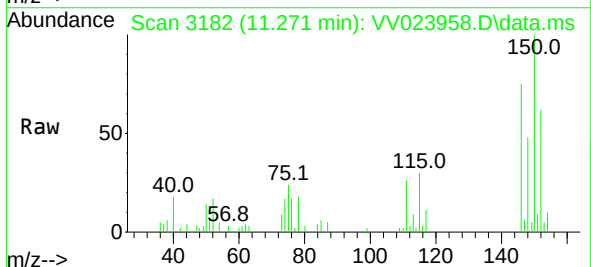
Instrument :
MSVOA_V
ClientSampleId :
VBLK277

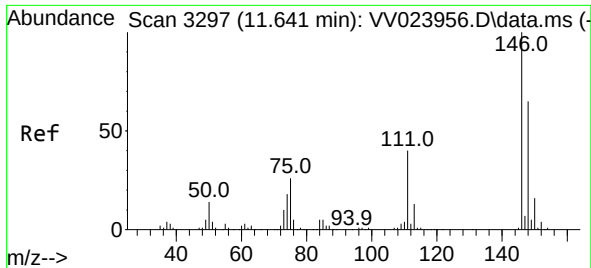
Tgt Ion:146 Resp: 3080
Ion Ratio Lower Upper
146 100
111 31.7 26.3 48.9
148 57.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.448 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023958.D
Acq: 14 Dec 2021 11:22

Tgt Ion:146 Resp: 7088
Ion Ratio Lower Upper
146 100
111 34.7 25.6 47.6
148 63.7 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.788 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023958.D

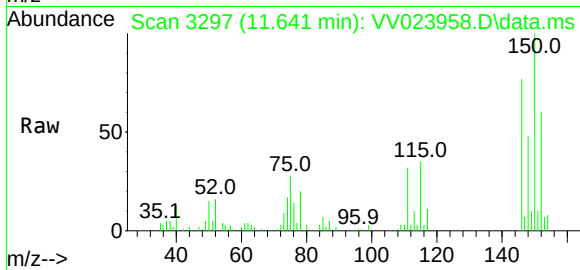
Acq: 14 Dec 2021 11:22

Instrument :

MSVOA_V

ClientSampleId :

VBLK277



Tgt Ion:146 Resp: 11366

Ion Ratio Lower Upper

146 100

111 41.8 31.9 47.9

148 62.3 50.5 75.7

