

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023036.D
 Acq On : 26 Oct 2021 14:04
 Operator : SY/MD
 Sample : M4278-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGH0

Quant Time: Oct 27 01:32:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

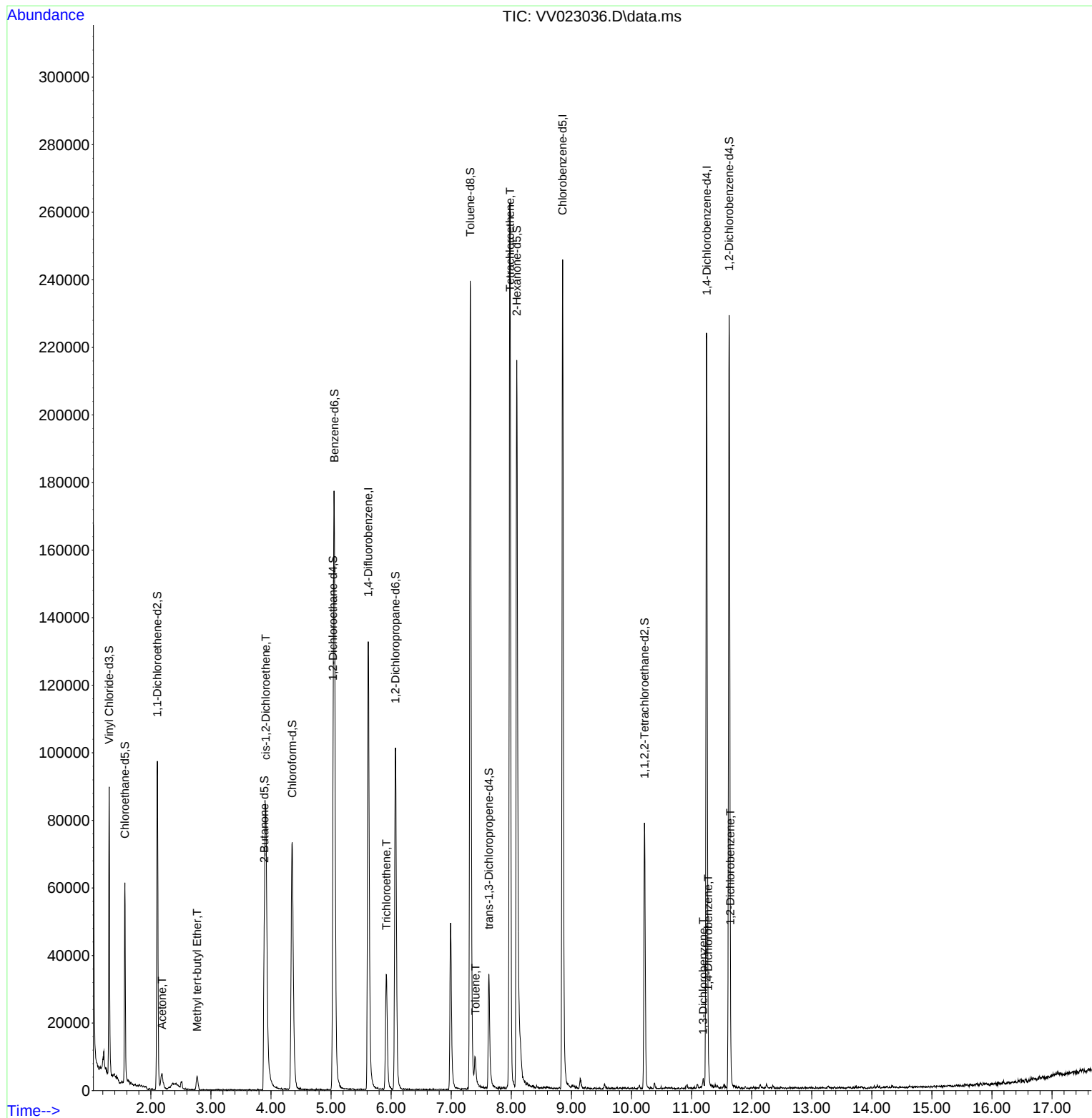
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118780	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	60089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52689	5.076	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.600%		
7) Chloroethane-d5	1.568	69	34973	5.447	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.000%		
11) 1,1-Dichloroethene-d2	2.108	63	49346	3.296	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 66.000%		
20) 2-Butanone-d5	3.889	46	74677	44.852	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 89.700%		
24) Chloroform-d	4.352	84	75924	4.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 90.000%		
26) 1,2-Dichloroethane-d4	5.034	65	38043	4.783	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.600%		
32) Benzene-d6	5.053	84	163590	3.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 79.800%		
36) 1,2-Dichloropropane-d6	6.072	67	49212	3.896	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 78.000%		
41) Toluene-d8	7.317	98	162382	4.405	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 88.200%		
43) trans-1,3-Dichloroprop...	7.625	79	20229	4.570	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.400%		
46) 2-Hexanone-d5	8.092	63	72218	44.071	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 88.140%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39169	4.490	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	61004	5.690	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 113.800%		
Target Compounds						
						Qvalue
13) Acetone	2.188	43	8113	9.932	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	3585	0.247	ug/L #	78
22) cis-1,2-Dichloroethene	3.912	96	37090	5.039	ug/L #	86
34) Trichloroethene	5.918	95	11585	1.219	ug/L	95
42) Toluene	7.403	91	6942	0.181	ug/L	95
47) Tetrachloroethene	7.979	164	60328	7.515	ug/L	97
64) 1,3-Dichlorobenzene	11.194	146	1106	0.069	ug/L	82
65) 1,4-Dichlorobenzene	11.278	146	1183	0.073	ug/L	91
67) 1,2-Dichlorobenzene	11.648	146	1232	0.083	ug/L #	83

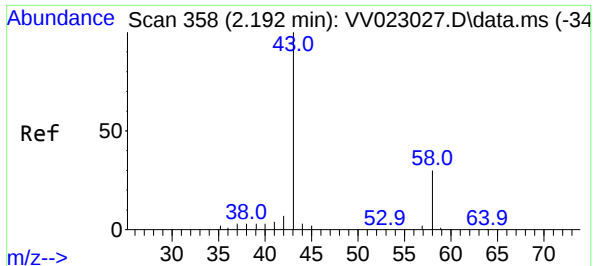
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration





#13

Acetone

Concen: 9.932 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV023036.D

Acq: 26 Oct 2021 14:04

Instrument :

MSVOA_V

ClientSampleId :

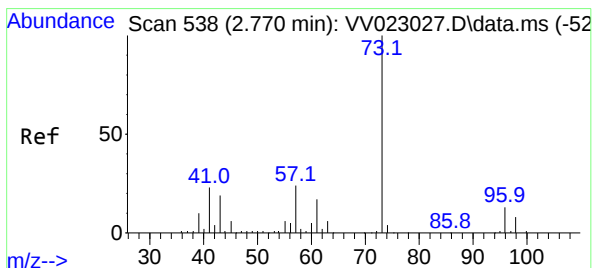
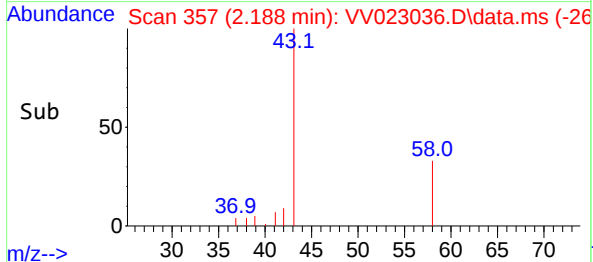
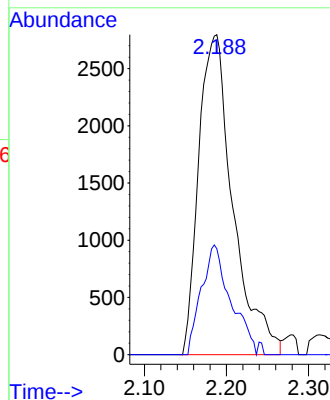
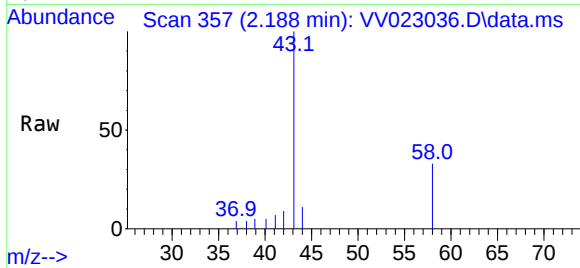
BFGH0

Tgt Ion: 43 Resp: 8113

Ion Ratio Lower Upper

43 100

58 29.5 0.0 55.4



#17

Methyl tert-butyl Ether

Concen: 0.247 ug/L

RT: 2.770 min Scan# 538

Delta R.T. -0.000 min

Lab File: VV023036.D

Acq: 26 Oct 2021 14:04

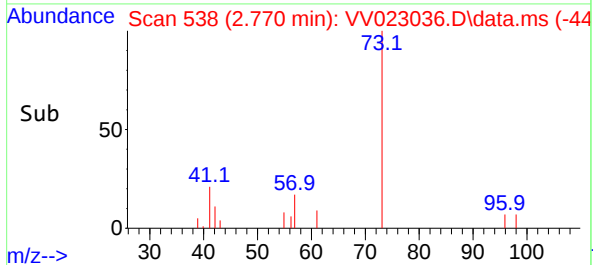
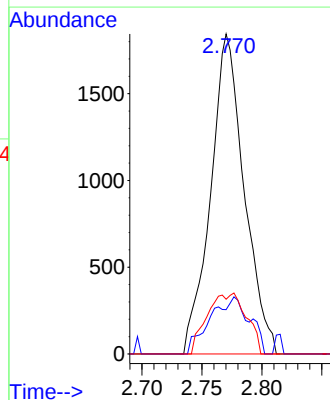
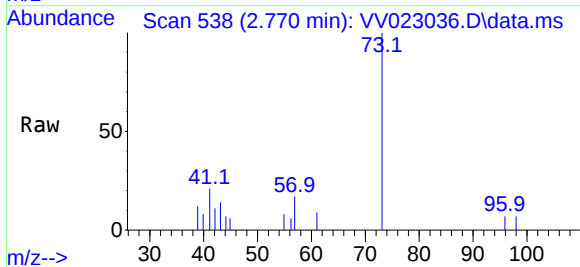
Tgt Ion: 73 Resp: 3585

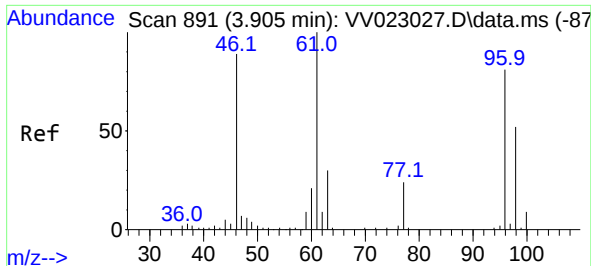
Ion Ratio Lower Upper

73 100

43 10.0 17.4 26.0#

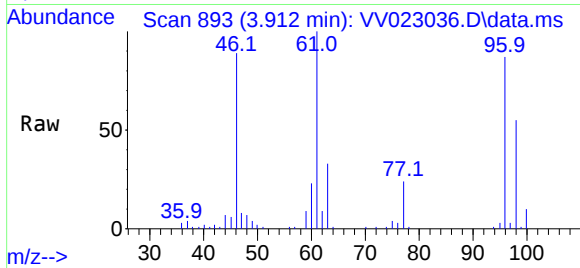
57 11.8 16.5 24.7#



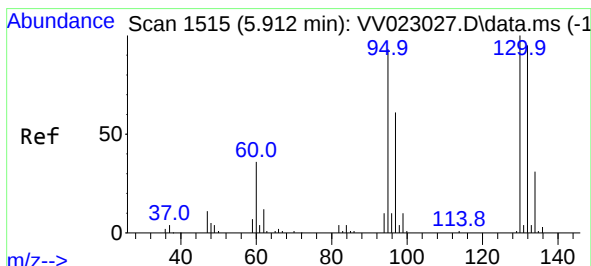
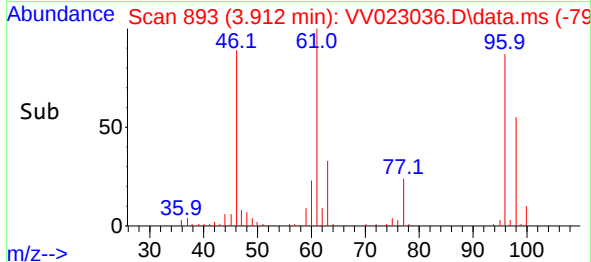
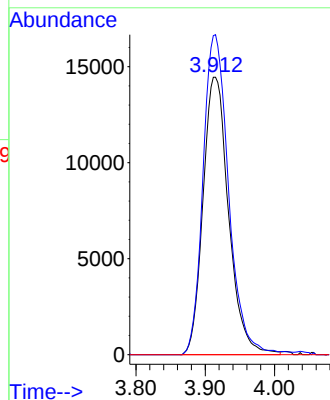


#22
cis-1,2-Dichloroethene
Concen: 5.039 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV023036.D
Acq: 26 Oct 2021 14:04

Instrument :
MSVOA_V
ClientSampleId :
BFGH0

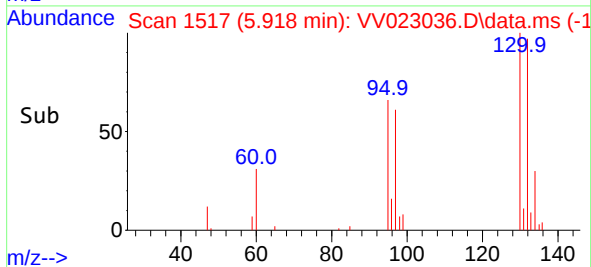
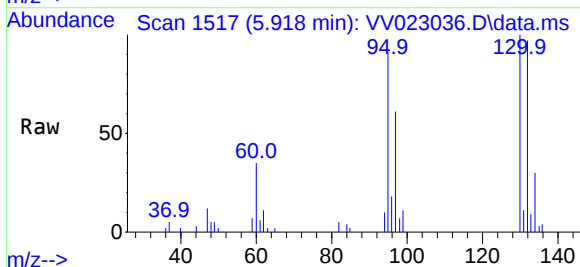
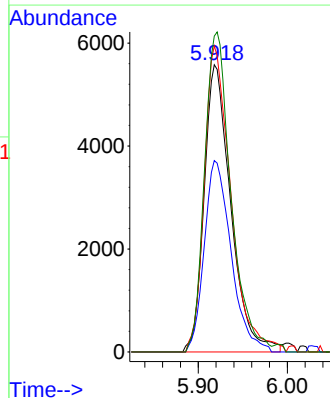


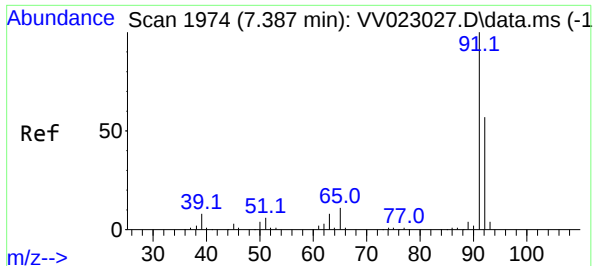
Tgt Ion: 96 Resp: 37090
Ion Ratio Lower Upper
96 100
61 115.0 92.3 171.3
68 0.0 0.4 0.8#



#34
Trichloroethene
Concen: 1.219 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV023036.D
Acq: 26 Oct 2021 14:04

Tgt Ion: 95 Resp: 11585
Ion Ratio Lower Upper
95 100
97 66.6 45.0 83.6
132 106.6 69.7 129.4
130 109.9 73.7 136.9





#42

Toluene

Concen: 0.181 ug/L

RT: 7.403 min Scan# 1974

Delta R.T. 0.016 min

Lab File: VV023036.D

Acq: 26 Oct 2021 14:04

Instrument :

MSVOA_V

ClientSampleId :

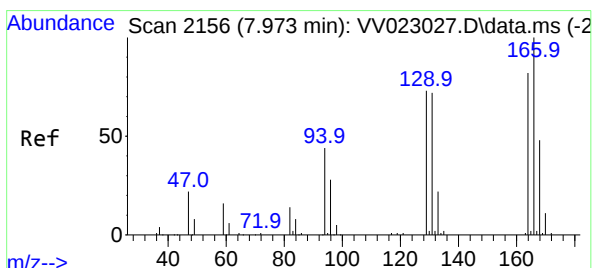
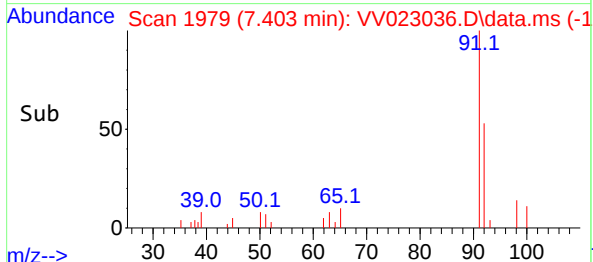
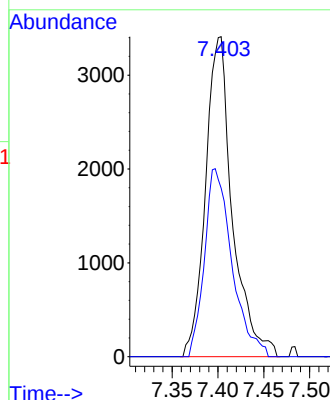
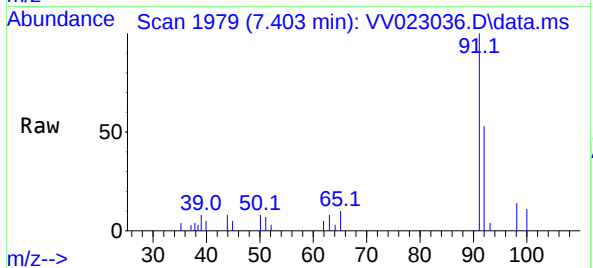
BFGH0

Tgt Ion: 91 Resp: 6942

Ion Ratio Lower Upper

91 100

92 52.7 39.3 72.9



#47

Tetrachloroethene

Concen: 7.515 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV023036.D

Acq: 26 Oct 2021 14:04

Tgt Ion:164 Resp: 60328

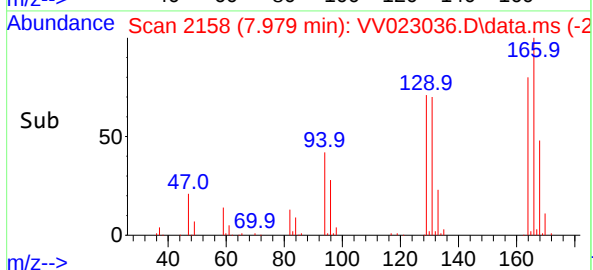
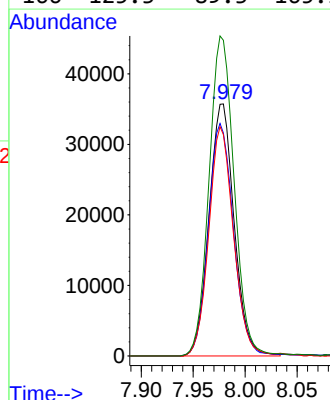
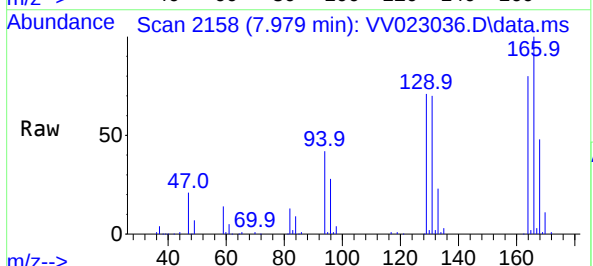
Ion Ratio Lower Upper

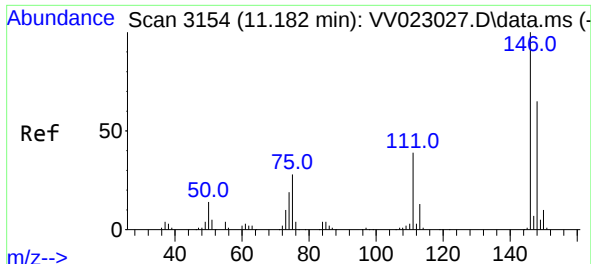
164 100

129 88.4 64.0 119.0

131 87.8 63.4 117.8

166 125.3 89.3 165.9

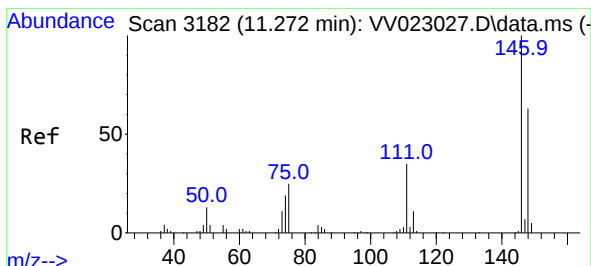
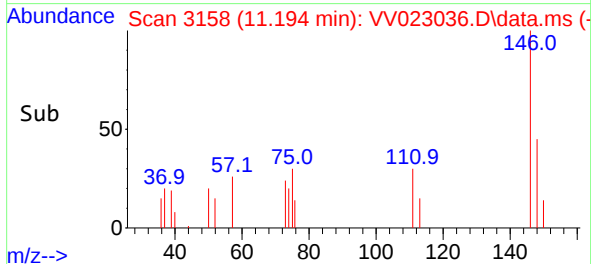
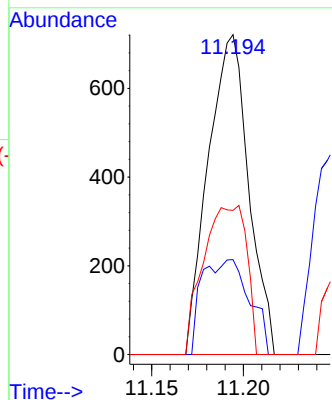
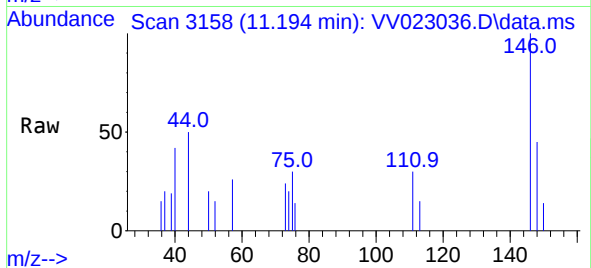




#64
1,3-Dichlorobenzene
Concen: 0.069 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.013 min
Lab File: VV023036.D
Acq: 26 Oct 2021 14:04

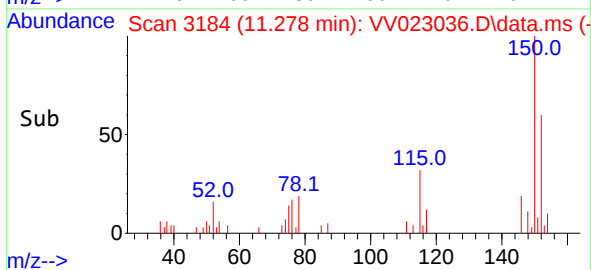
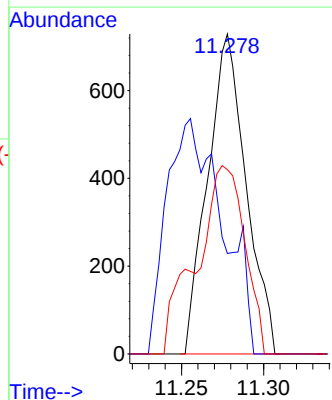
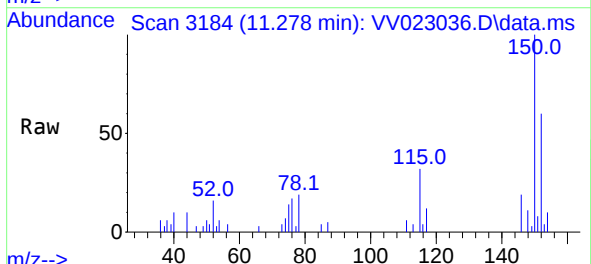
Instrument :
MSVOA_V
ClientSampleId :
BFGH0

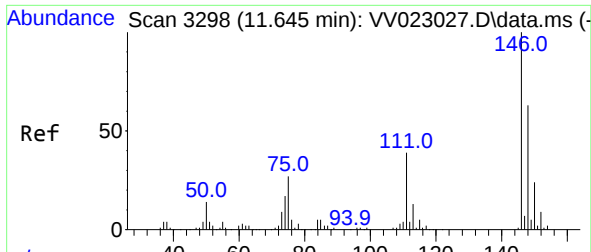
Tgt Ion:146 Resp: 1106
Ion Ratio Lower Upper
146 100
111 29.7 26.7 49.7
148 45.1 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 0.073 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.006 min
Lab File: VV023036.D
Acq: 26 Oct 2021 14:04

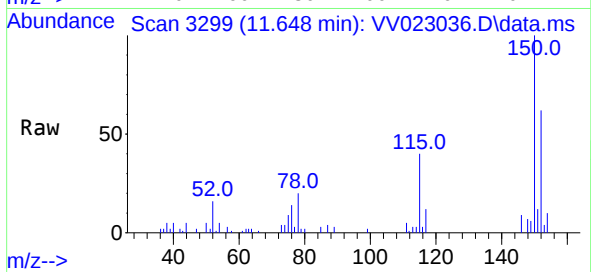
Tgt Ion:146 Resp: 1183
Ion Ratio Lower Upper
146 100
111 31.4 26.2 48.8
148 57.6 44.4 82.5





#67
 1,2-Dichlorobenzene
 Concen: 0.083 ug/L
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV023036.D
 Acq: 26 Oct 2021 14:04

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGH0



Tgt Ion:146 Resp: 1232

Ion	Ratio	Lower	Upper
146	100		
111	51.5	31.6	47.4#
148	75.6	51.0	76.6

