

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023049.D
 Acq On : 26 Oct 2021 19:38
 Operator : SY/MD
 Sample : M4277-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE1

Quant Time: Oct 27 01:35:52 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

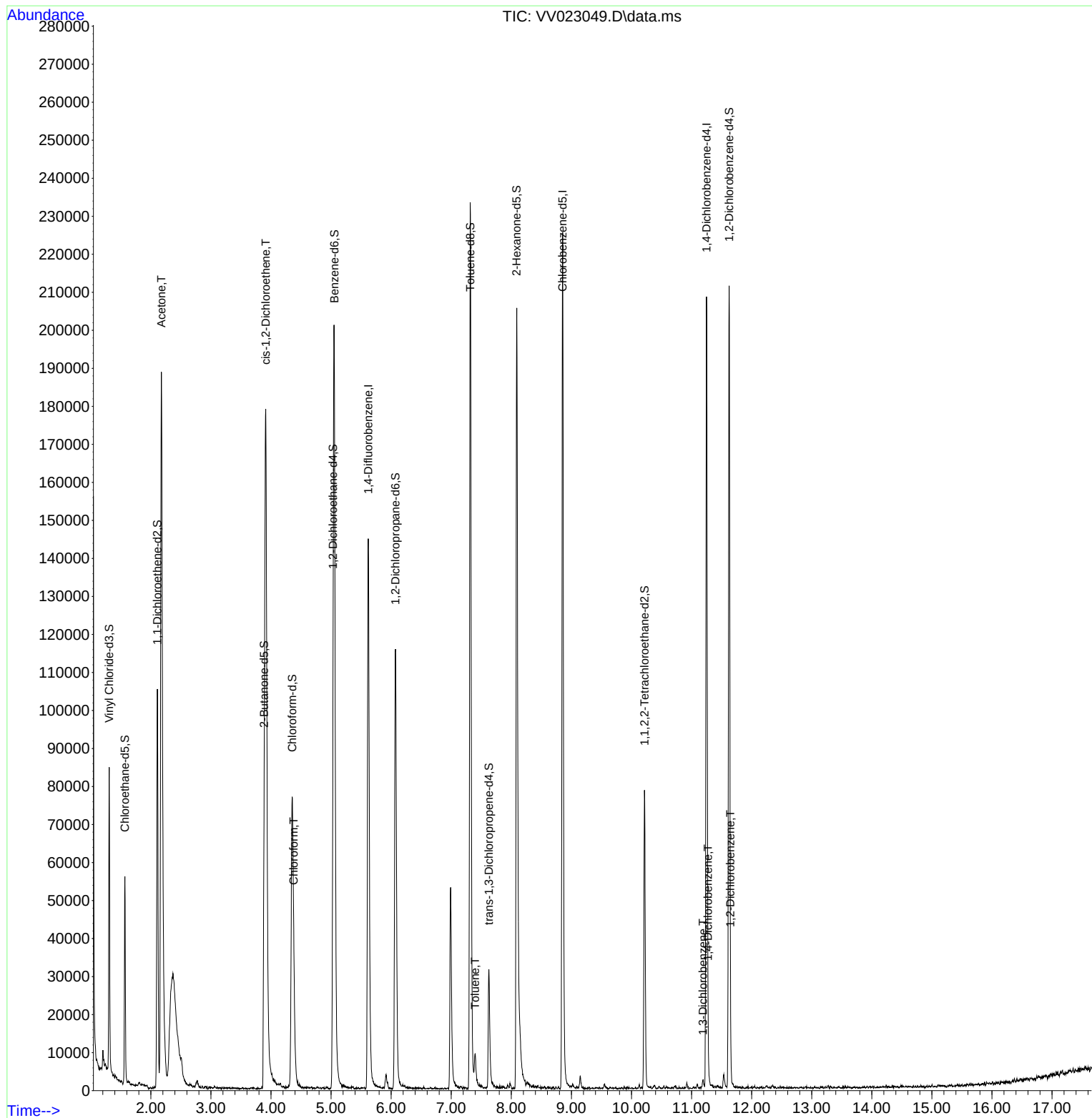
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129286	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	129609	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55672	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49087	4.345	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.568	69	31010	4.438	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.108	63	54961	3.372	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.400%	
20) 2-Butanone-d5	3.886	46	104713	57.781	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.560%	
24) Chloroform-d	4.352	84	75499	4.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.200%	
26) 1,2-Dichloroethane-d4	5.034	65	43910	5.072	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.400%	
32) Benzene-d6	5.053	84	186604	4.931	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.072	67	59739	5.128	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.316	98	157590	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.625	79	18829	4.613	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.088	63	67351	44.573	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.140%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37732	4.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57271	5.766	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.400%	
Target Compounds						
13) Acetone	2.175	43	277054	311.604	ug/L	90
22) cis-1,2-Dichloroethene	3.911	96	88688	11.069	ug/L #	91
25) Chloroform	4.378	83	20987	1.223	ug/L	95
42) Toluene	7.397	91	6518	0.184	ug/L	90
64) 1,3-Dichlorobenzene	11.191	146	915	0.062	ug/L #	89
65) 1,4-Dichlorobenzene	11.275	146	839	0.056	ug/L	92
67) 1,2-Dichlorobenzene	11.648	146	944	0.068	ug/L #	80

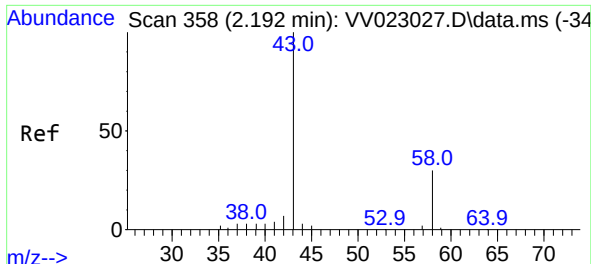
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023049.D
Acq On : 26 Oct 2021 19:38
Operator : SY/MD
Sample : M4277-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGE1

Quant Time: Oct 27 01:35:52 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

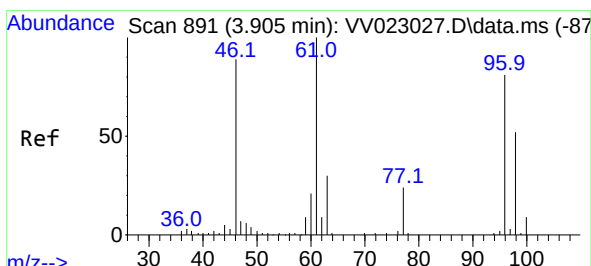
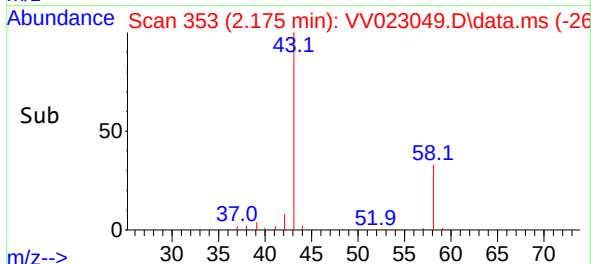
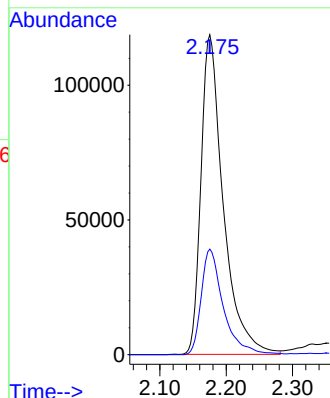
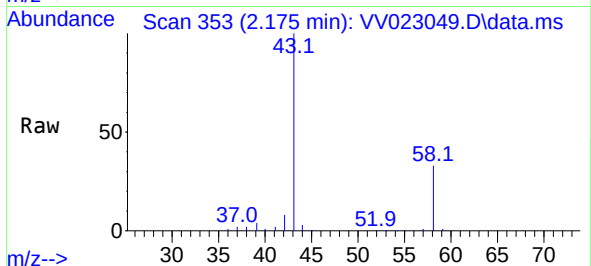




#13
Acetone
Concen: 311.604 ug/L
RT: 2.175 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV023049.D
Acq: 26 Oct 2021 19:38

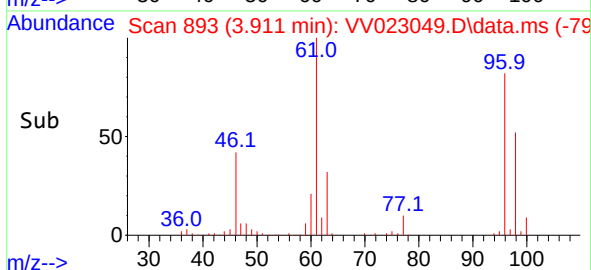
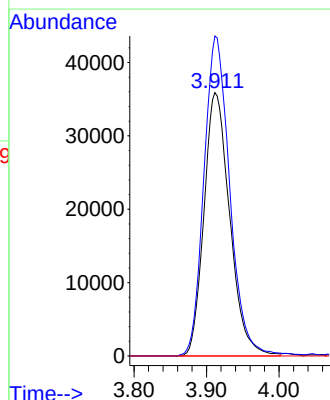
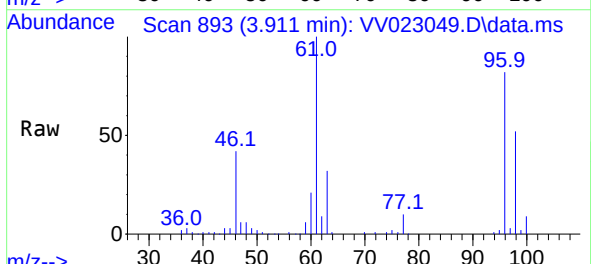
Instrument :
MSVOA_V
ClientSampleId :
BFGE1

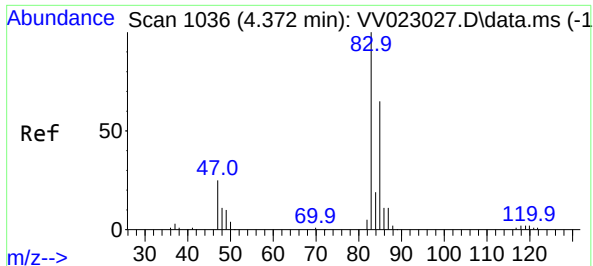
Tgt Ion: 43 Resp: 277054
Ion Ratio Lower Upper
43 100
58 32.8 0.0 55.4



#22
cis-1,2-Dichloroethene
Concen: 11.069 ug/L
RT: 3.911 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV023049.D
Acq: 26 Oct 2021 19:38

Tgt Ion: 96 Resp: 88688
Ion Ratio Lower Upper
96 100
61 121.5 92.3 171.3
68 0.0 0.4 0.8#





#25

Chloroform

Concen: 1.223 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV023049.D

Acq: 26 Oct 2021 19:38

Instrument :

MSVOA_V

ClientSampleId :

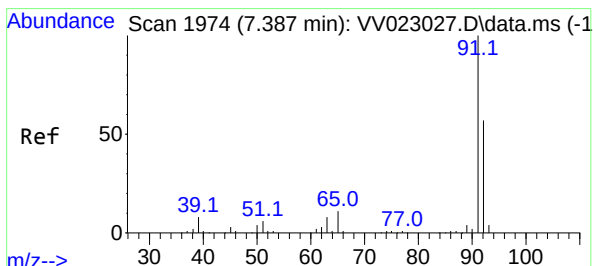
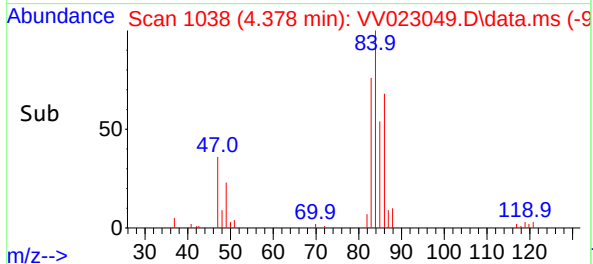
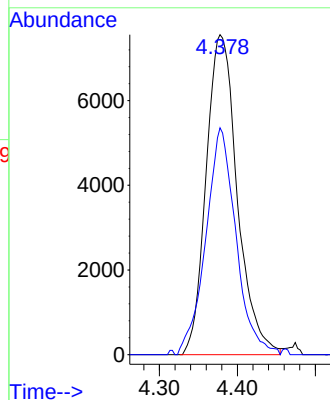
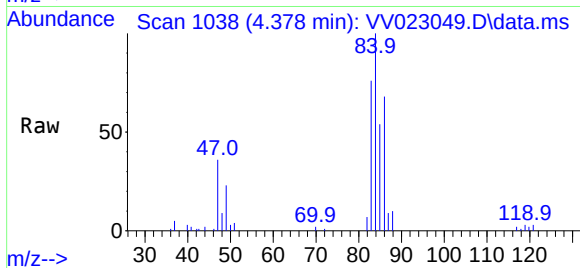
BFG1

Tgt Ion: 83 Resp: 20987

Ion Ratio Lower Upper

83 100

85 70.9 46.8 86.8



#42

Toluene

Concen: 0.184 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.009 min

Lab File: VV023049.D

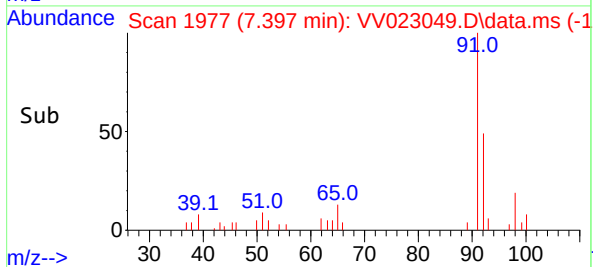
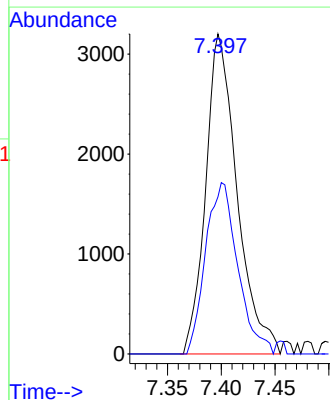
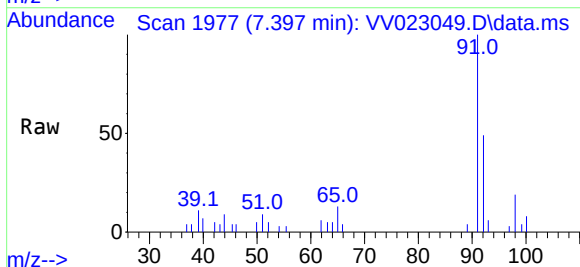
Acq: 26 Oct 2021 19:38

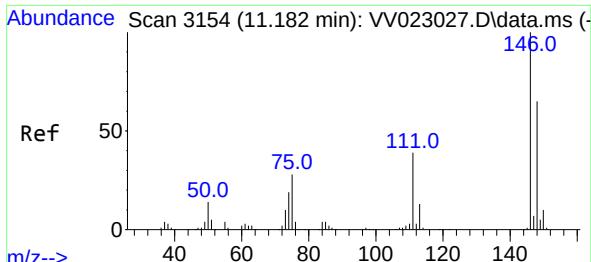
Tgt Ion: 91 Resp: 6518

Ion Ratio Lower Upper

91 100

92 49.1 39.3 72.9

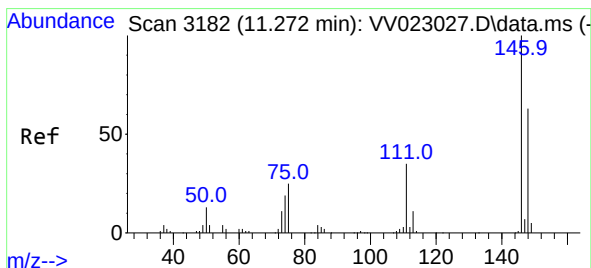
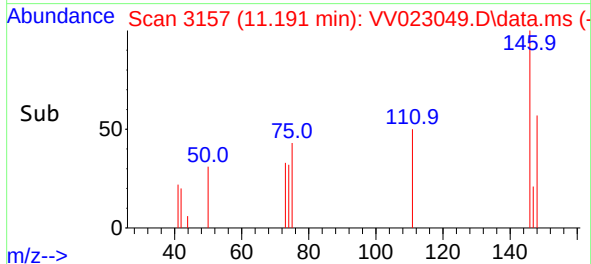
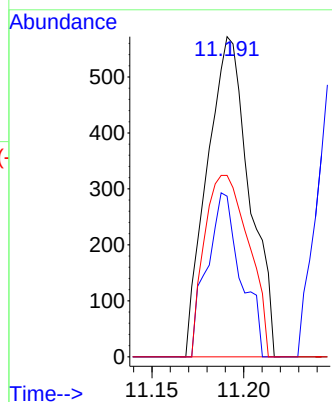
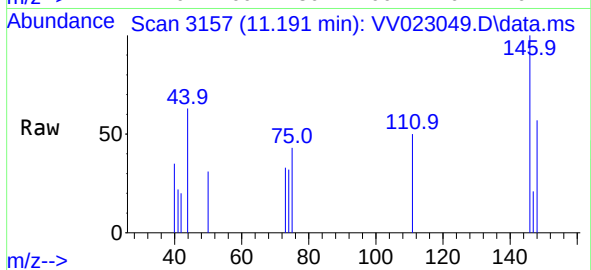




#64
1,3-Dichlorobenzene
Concen: 0.062 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.009 min
Lab File: VV023049.D
Acq: 26 Oct 2021 19:38

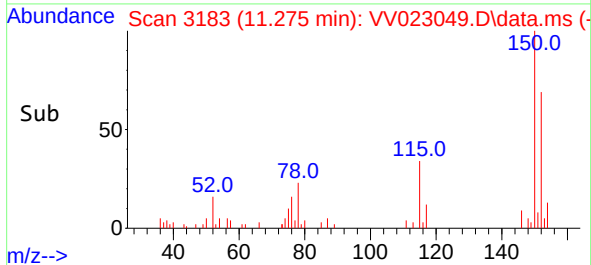
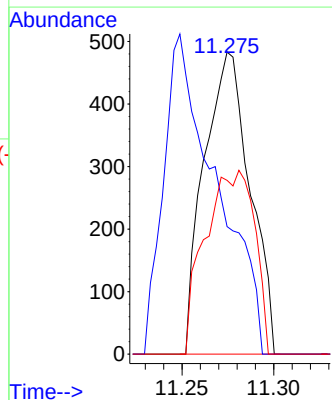
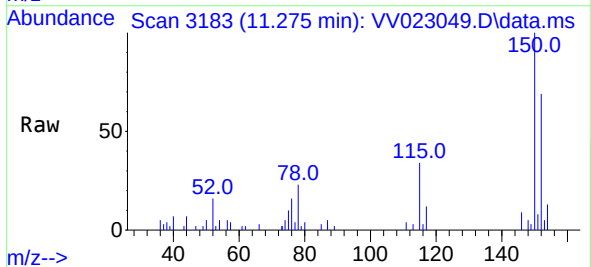
Instrument :
MSVOA_V
ClientSampleId :
BFGE1

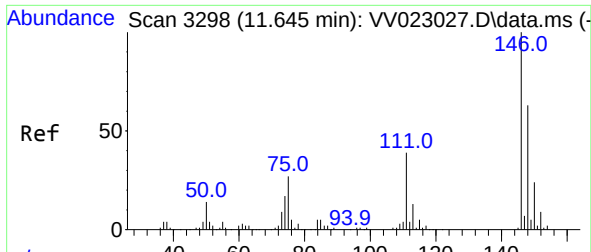
Tgt Ion:146 Resp: 915
Ion Ratio Lower Upper
146 100
111 50.2 26.7 49.7#
148 56.6 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 0.056 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023049.D
Acq: 26 Oct 2021 19:38

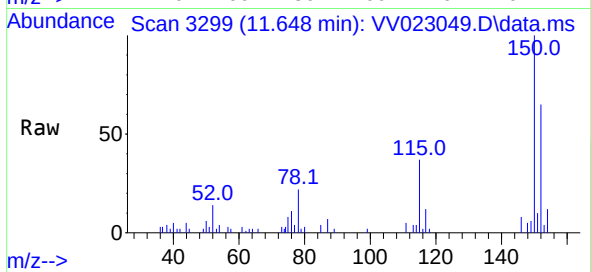
Tgt Ion:146 Resp: 839
Ion Ratio Lower Upper
146 100
111 42.2 26.2 48.8
148 57.6 44.4 82.5





#67
 1,2-Dichlorobenzene
 Concen: 0.068 ug/L
 RT: 11.648 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV023049.D
 Acq: 26 Oct 2021 19:38

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE1



Tgt Ion:	146	Resp:	944
Ion	Ratio	Lower	Upper
146	100		
111	63.8	31.6	47.4#
148	69.3	51.0	76.6

