

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023022.D
 Acq On : 23 Oct 2021 20:11
 Operator : SY/MD
 Sample : M4277-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE1

Quant Time: Oct 25 01:10:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

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

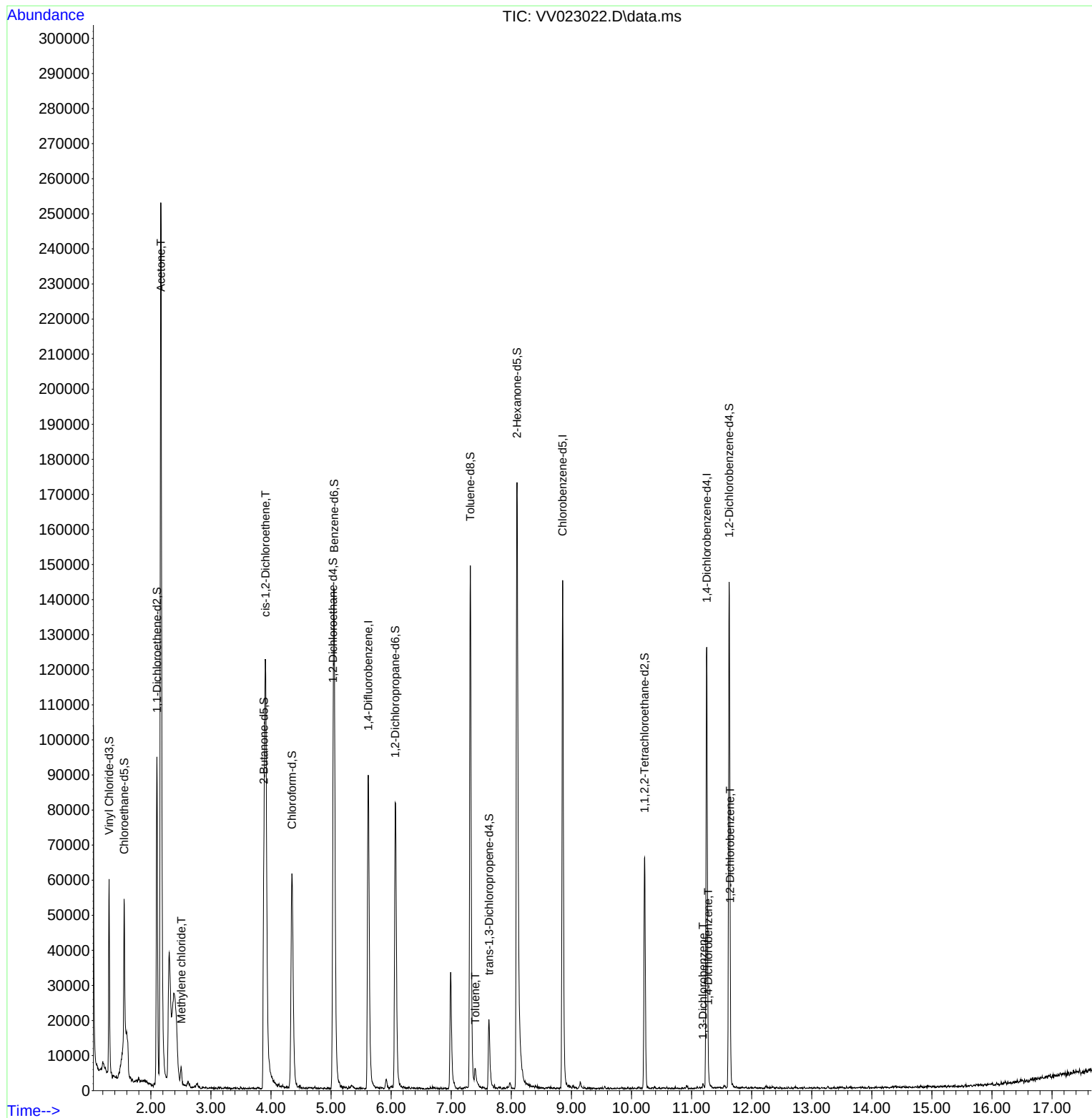
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	82672	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	83520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	34451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36908	5.109	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.555	69	22807	5.104	ug/L	-0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	= 102.000%		
11) 1,1-Dichloroethene-d2	2.101	63	48367	4.641	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 92.800%		
20) 2-Butanone-d5	3.883	46	93412	80.608	ug/L	-0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	= 161.220%#		
24) Chloroform-d	4.349	84	65645	5.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.800%		
26) 1,2-Dichloroethane-d4	5.034	65	33553	6.061	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 121.200%		
32) Benzene-d6	5.050	84	129511	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
36) 1,2-Dichloropropane-d6	6.069	67	41836	5.573	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 111.400%		
41) Toluene-d8	7.317	98	101780	4.647	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.000%		
43) trans-1,3-Dichloroprop...	7.628	79	12468	4.741	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.800%		
46) 2-Hexanone-d5	8.095	63	61774	63.442	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 126.880%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	32750	6.319	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 126.400%#		
66) 1,2-Dichlorobenzene-d4	11.625	152	38203	6.215	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 124.400%#		
Target Compounds						
						Qvalue
13) Acetone	2.166	43	286636	504.153	ug/L	90
16) Methylene chloride	2.507	84	1739	0.374	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	57809	11.284	ug/L #	93
42) Toluene	7.400	91	4107	0.180	ug/L	99
64) 1,3-Dichlorobenzene	11.191	146	767	0.084	ug/L	90
65) 1,4-Dichlorobenzene	11.278	146	686	0.074	ug/L	90
67) 1,2-Dichlorobenzene	11.644	146	744	0.087	ug/L #	79

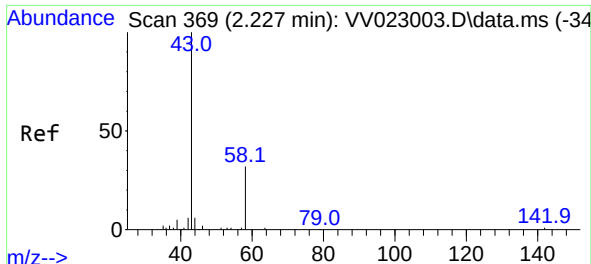
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
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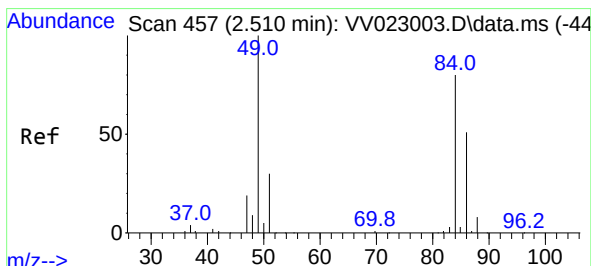
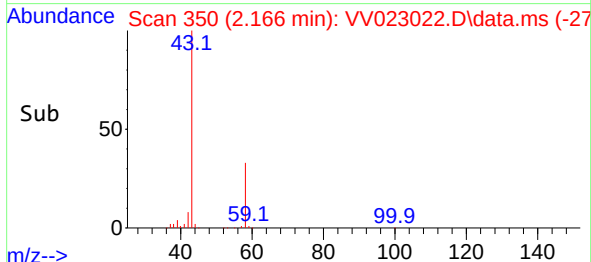
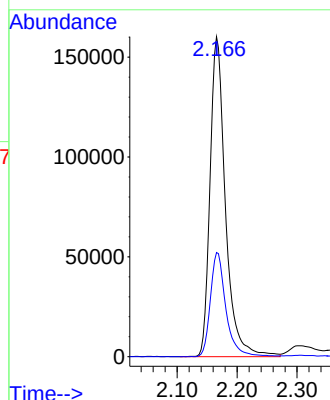
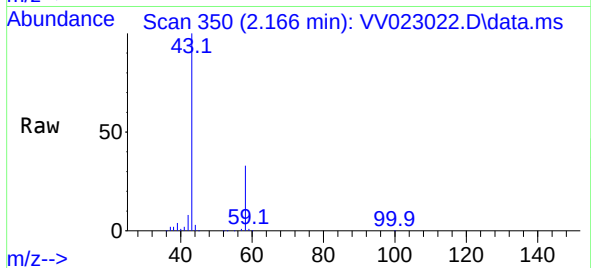




#13
Acetone
Concen: 504.153 ug/L
RT: 2.166 min Scan# 31
Delta R.T. -0.061 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

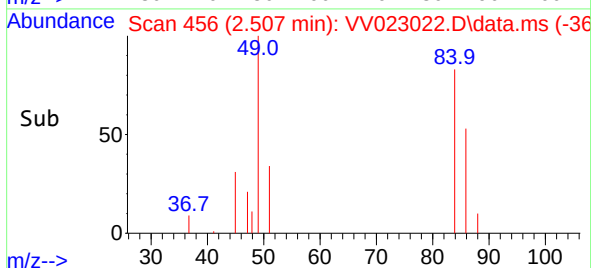
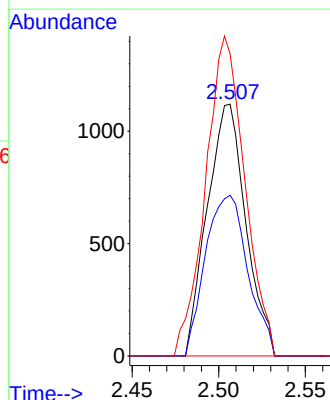
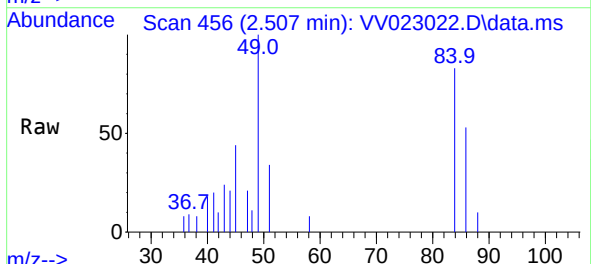
Instrument :
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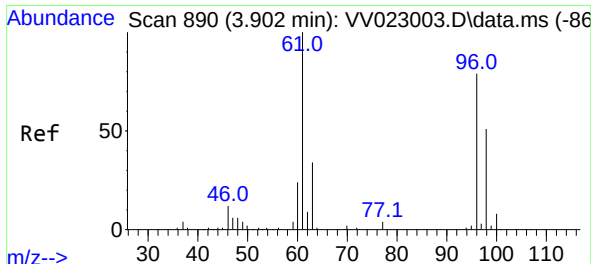
Tgt Ion: 43 Resp: 286636
Ion Ratio Lower Upper
43 100
58 32.9 0.0 55.4



#16
Methylene chloride
Concen: 0.374 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

Tgt Ion: 84 Resp: 1739
Ion Ratio Lower Upper
84 100
86 63.8 42.3 78.5
49 119.9 79.7 148.1

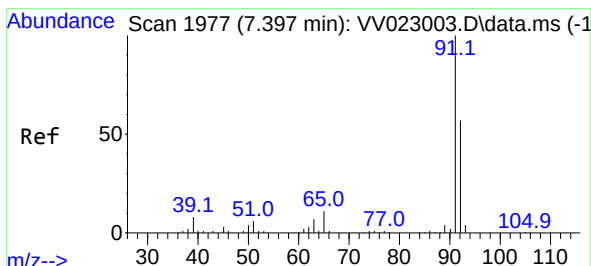
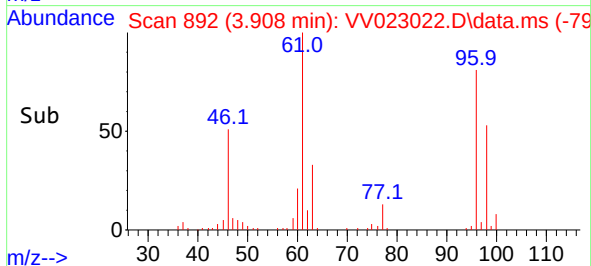
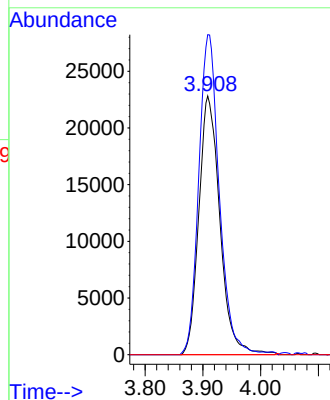
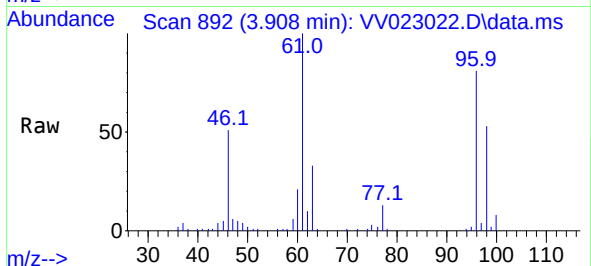




#22
 cis-1,2-Dichloroethene
 Concen: 11.284 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV023022.D
 Acq: 23 Oct 2021 20:11

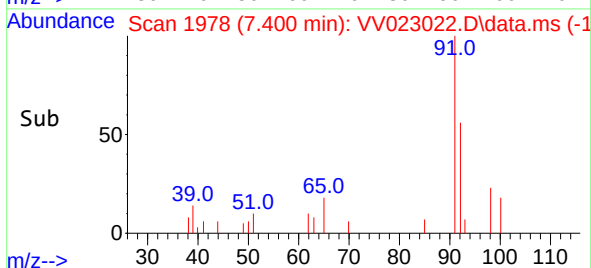
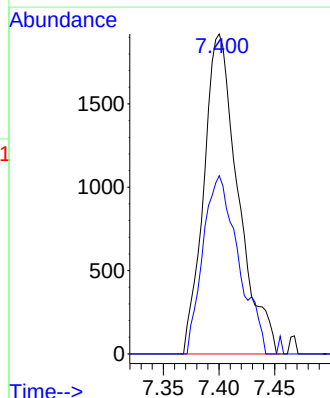
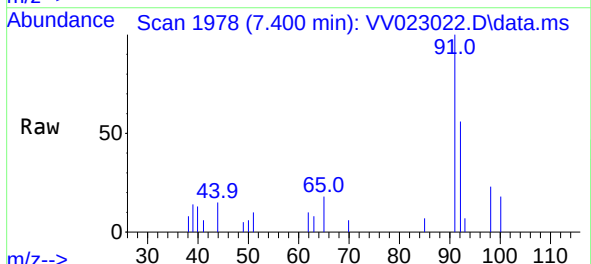
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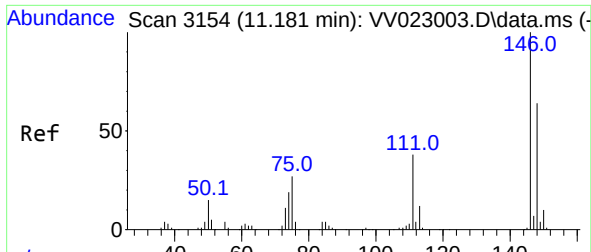
Tgt Ion: 96 Resp: 57809
 Ion Ratio Lower Upper
 96 100
 61 123.7 92.3 171.3
 68 0.0 0.4 0.8#



#42
 Toluene
 Concen: 0.180 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.003 min
 Lab File: VV023022.D
 Acq: 23 Oct 2021 20:11

Tgt Ion: 91 Resp: 4107
 Ion Ratio Lower Upper
 91 100
 92 55.7 39.3 72.9

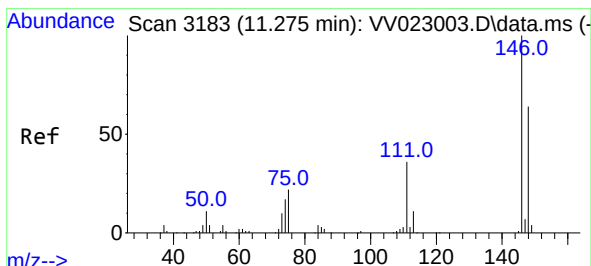
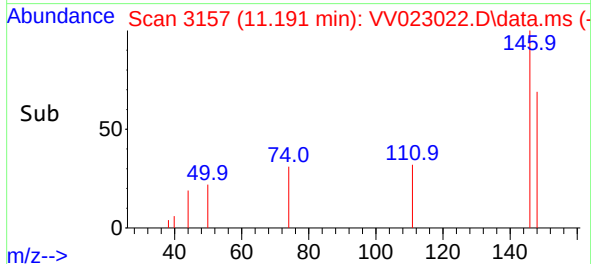
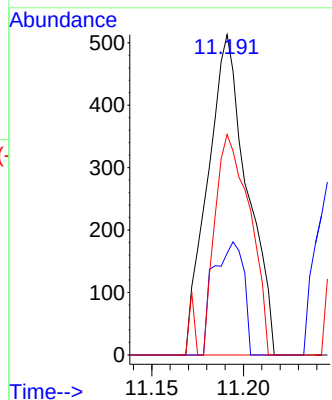
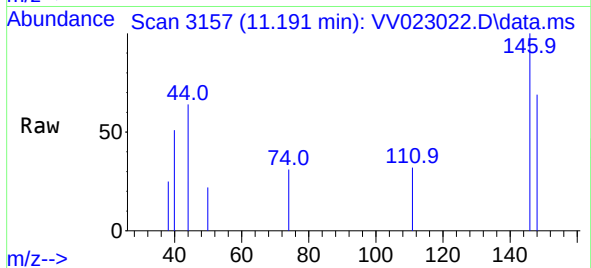




#64
1,3-Dichlorobenzene
Concen: 0.084 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.010 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

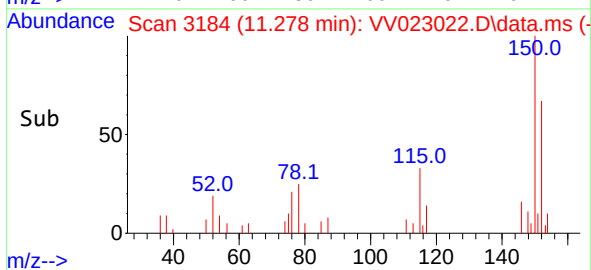
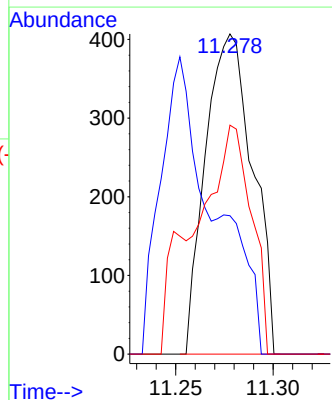
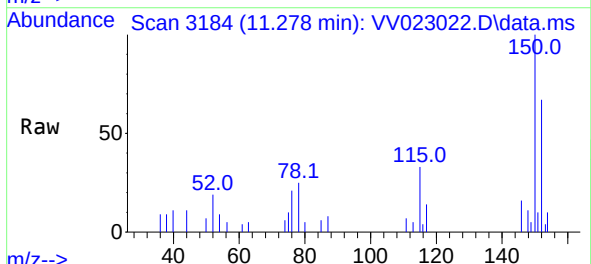
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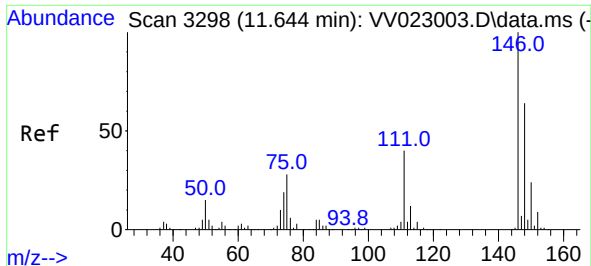
Tgt Ion:146 Resp: 767
Ion Ratio Lower Upper
146 100
111 31.8 26.7 49.7
148 68.8 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 0.074 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV023022.D
Acq: 23 Oct 2021 20:11

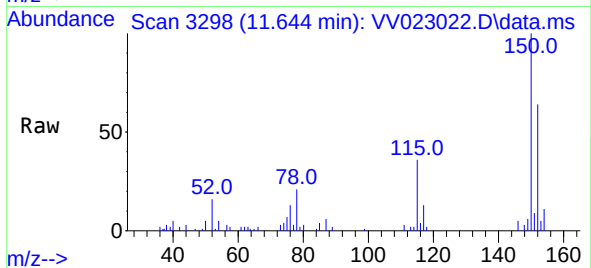
Tgt Ion:146 Resp: 686
Ion Ratio Lower Upper
146 100
111 43.2 26.2 48.8
148 71.5 44.4 82.5





#67
 1,2-Dichlorobenzene
 Concen: 0.087 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV023022.D
 Acq: 23 Oct 2021 20:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGE1



Tgt Ion:146 Resp: 744
 Ion Ratio Lower Upper
 146 100
 111 60.3 31.6 47.4#
 148 53.7 51.0 76.6

