

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023041.D
 Acq On : 26 Oct 2021 16:03
 Operator : SY/MD
 Sample : M4277-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD8DL

Quant Time: Oct 27 01:34:00 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)

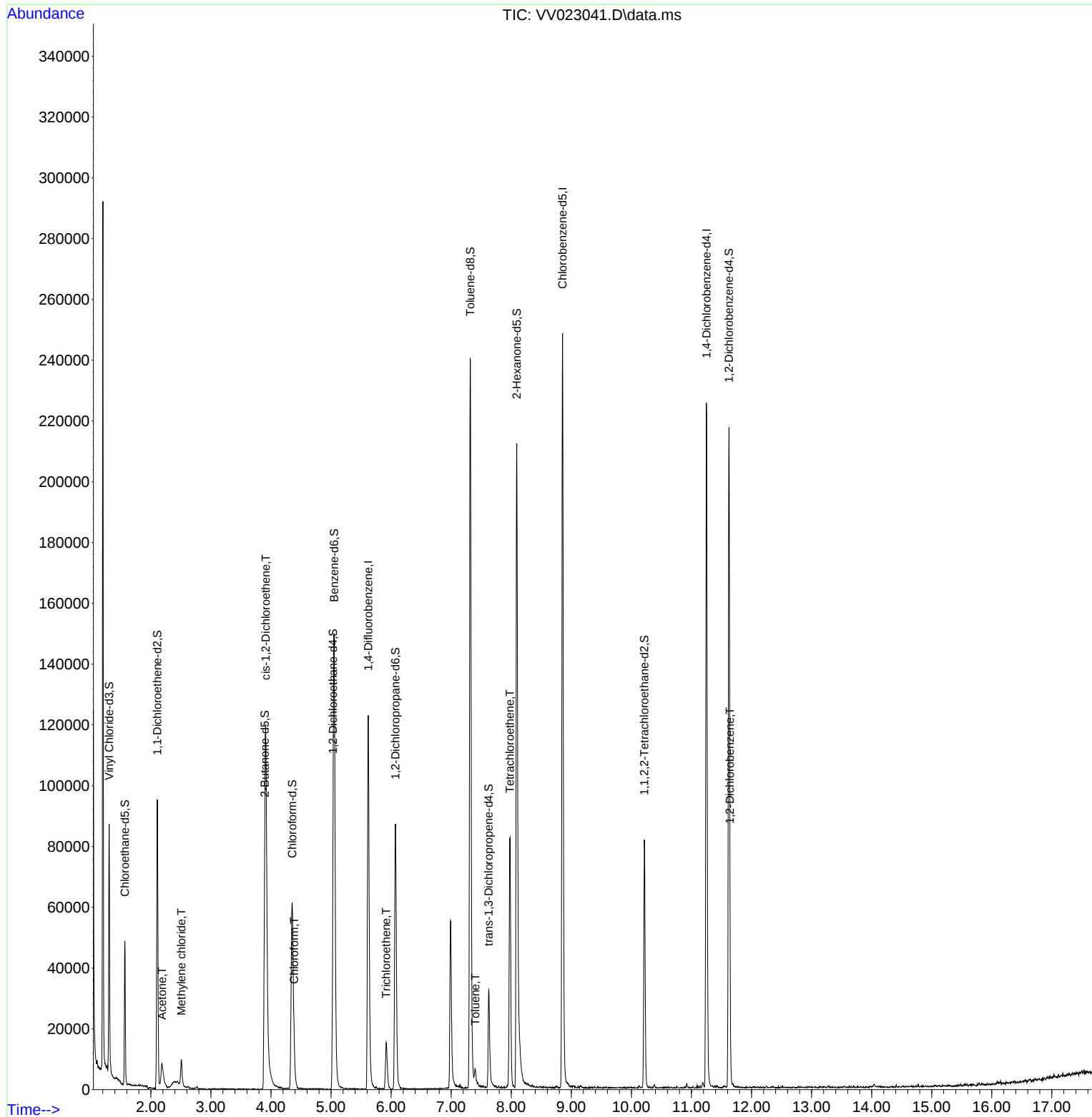
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	142374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51937	5.416	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	108.400%	
7) Chloroethane-d5	1.568	69	28178	4.750	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.000%	
11) 1,1-Dichloroethene-d2	2.108	63	47861	3.459	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	3.896	46	69473	45.158	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.320%	
24) Chloroform-d	4.352	84	62166	3.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
26) 1,2-Dichloroethane-d4	5.034	65	34921	4.751	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.053	84	137335	3.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	66.000%#	
36) 1,2-Dichloropropane-d6	6.072	67	41536	3.246	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	65.000%	
41) Toluene-d8	7.320	98	164139	4.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.000%	
43) trans-1,3-Dichloroprop...	7.625	79	20217	4.509	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.092	63	71599	43.136	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37991	4.300	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	59296	5.432	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
13) Acetone	2.185	43	15917	21.088	ug/L	93
16) Methylene chloride	2.510	84	3483	0.564	ug/L	90
22) cis-1,2-Dichloroethene	3.912	96	51968	7.641	ug/L #	89
25) Chloroform	4.384	83	9574	0.657	ug/L	97
34) Trichloroethene	5.918	95	5147	0.535	ug/L	99
42) Toluene	7.404	91	4163	0.107	ug/L	84
47) Tetrachloroethene	7.979	164	19507	2.399	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	944	0.062	ug/L #	67

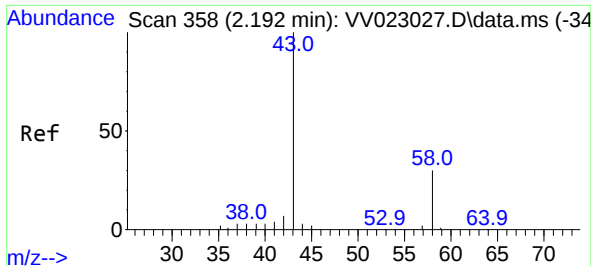
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 21.088 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023041.D

Acq: 26 Oct 2021 16:03

Instrument :

MSVOA_V

ClientSampleId :

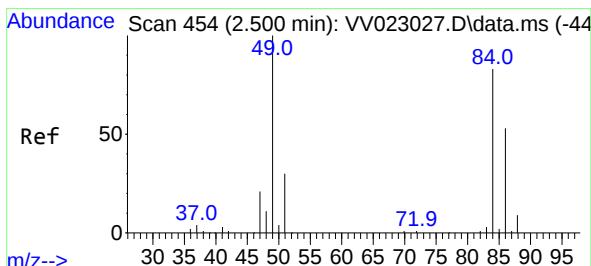
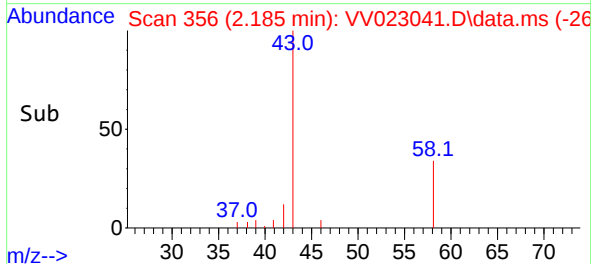
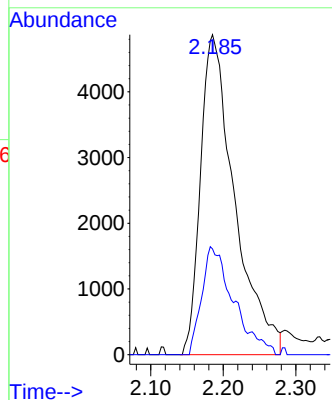
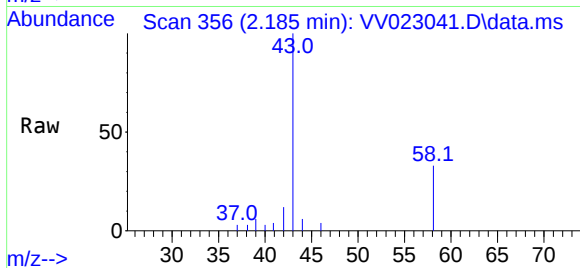
BFGD8DL

Tgt Ion: 43 Resp: 15917

Ion Ratio Lower Upper

43 100

58 31.5 0.0 55.4



#16

Methylene chloride

Concen: 0.564 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.010 min

Lab File: VV023041.D

Acq: 26 Oct 2021 16:03

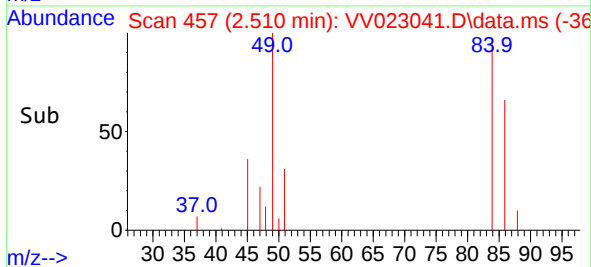
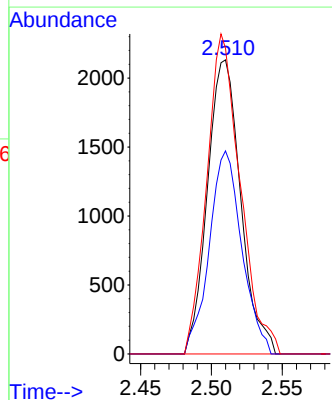
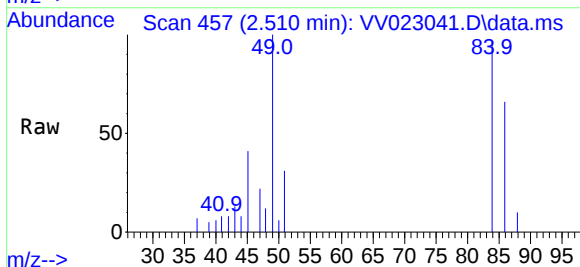
Tgt Ion: 84 Resp: 3483

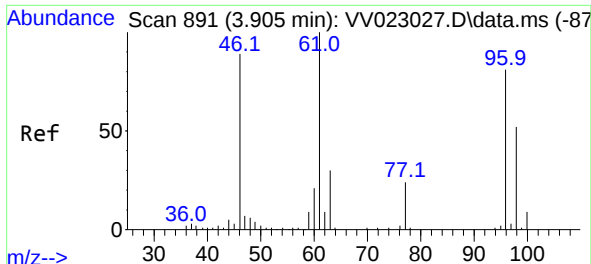
Ion Ratio Lower Upper

84 100

86 69.0 42.3 78.5

49 104.0 79.7 148.1

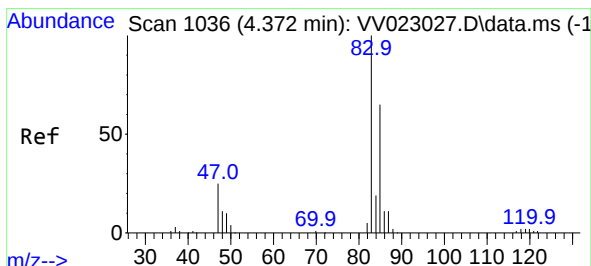
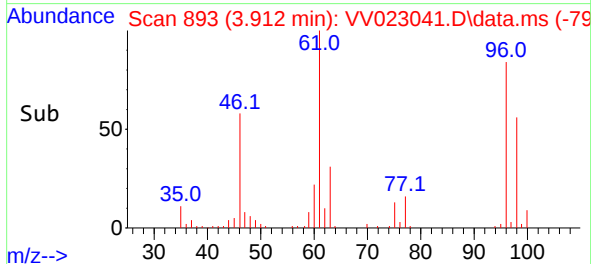
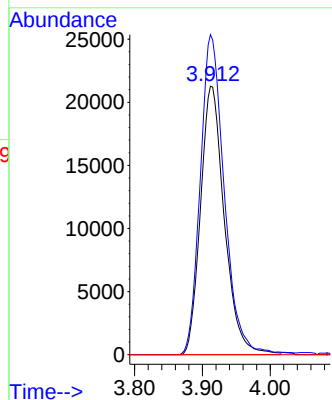
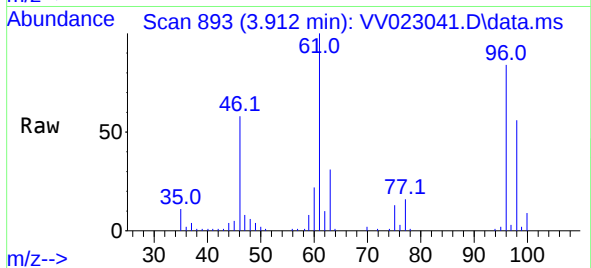




#22
 cis-1,2-Dichloroethene
 Concen: 7.641 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV023041.D
 Acq: 26 Oct 2021 16:03

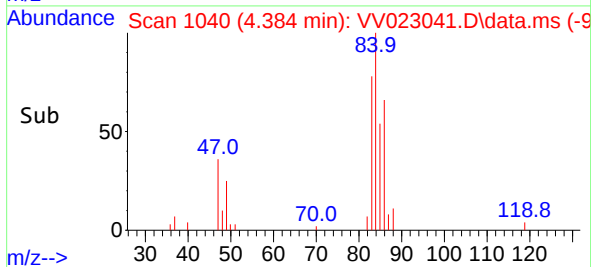
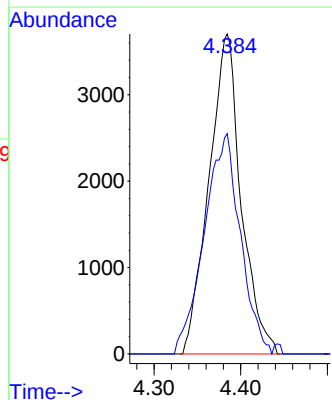
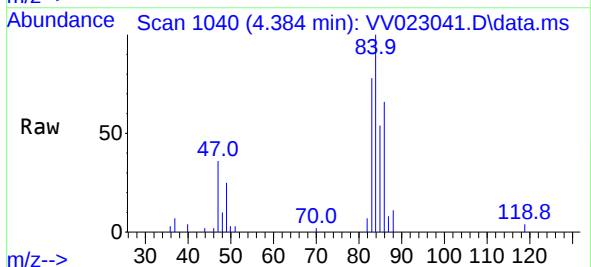
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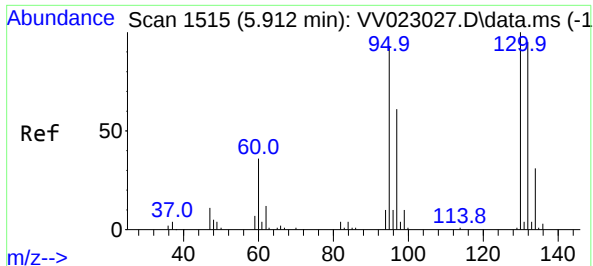
Tgt Ion: 96 Resp: 51968
 Ion Ratio Lower Upper
 96 100
 61 119.2 92.3 171.3
 68 0.0 0.4 0.8#



#25
 Chloroform
 Concen: 0.657 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.013 min
 Lab File: VV023041.D
 Acq: 26 Oct 2021 16:03

Tgt Ion: 83 Resp: 9574
 Ion Ratio Lower Upper
 83 100
 85 68.8 46.8 86.8

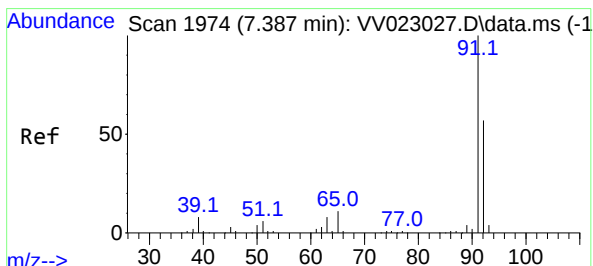
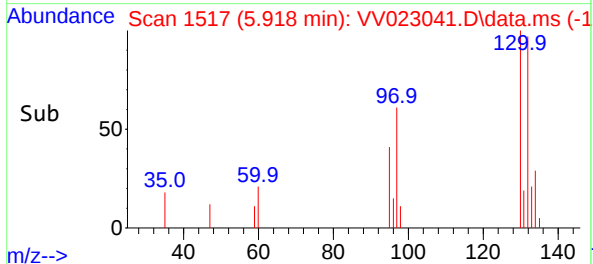
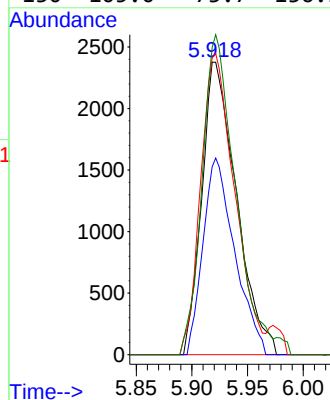
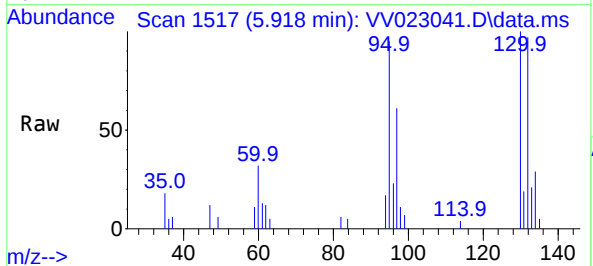




#34
Trichloroethene
Concen: 0.535 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023041.D
Acq: 26 Oct 2021 16:03

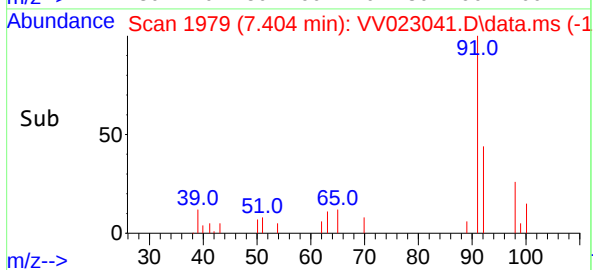
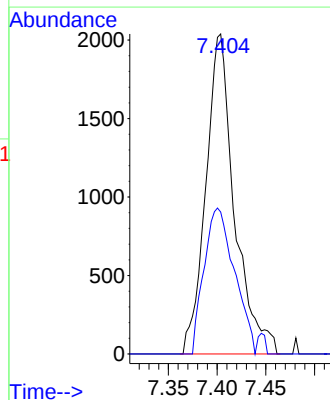
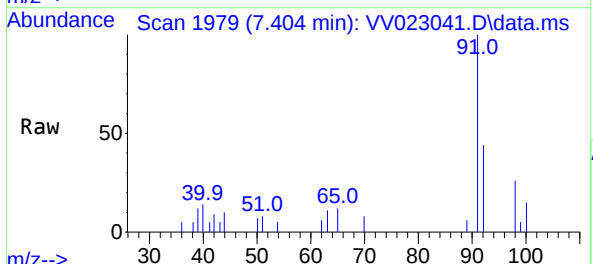
Instrument :
MSVOA_V
ClientSampleId :
BFGD8DL

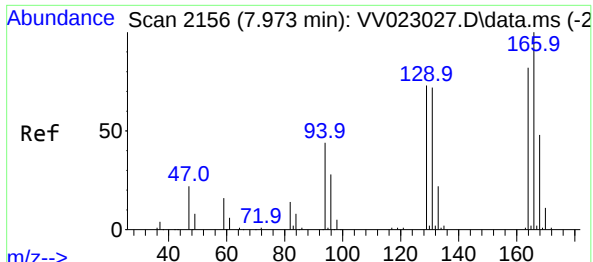
Tgt Ion: 95 Resp: 5147
Ion Ratio Lower Upper
95 100
97 64.3 45.0 83.6
132 101.5 69.7 129.4
130 105.0 73.7 136.9



#42
Toluene
Concen: 0.107 ug/L
RT: 7.404 min Scan# 1979
Delta R.T. 0.016 min
Lab File: VV023041.D
Acq: 26 Oct 2021 16:03

Tgt Ion: 91 Resp: 4163
Ion Ratio Lower Upper
91 100
92 44.3 39.3 72.9



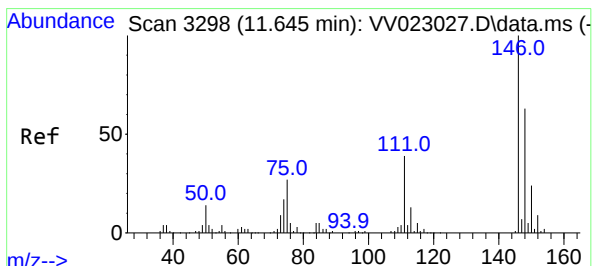
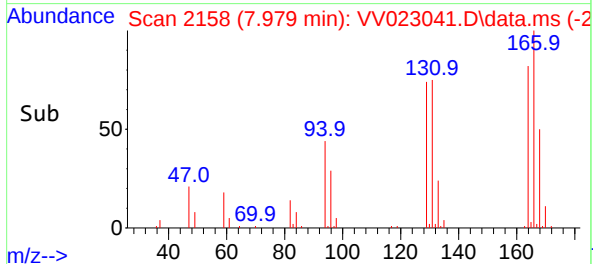
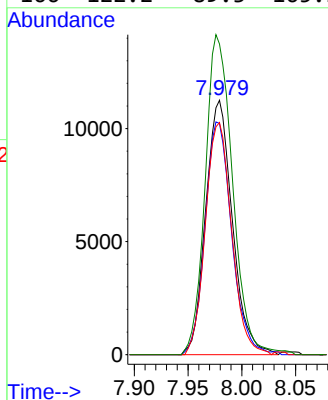
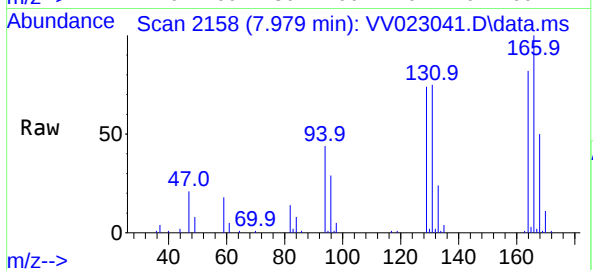


#47
Tetrachloroethene
Concen: 2.399 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023041.D
Acq: 26 Oct 2021 16:03

Instrument :
MSVOA_V
ClientSampleId :
BFGD8DL

Tgt Ion:164 Resp: 19507

Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.0	119.0
131	91.3	63.4	117.8
166	122.2	89.3	165.9



#67
1,2-Dichlorobenzene
Concen: 0.062 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV023041.D
Acq: 26 Oct 2021 16:03

Tgt Ion:146 Resp: 944

Ion	Ratio	Lower	Upper
146	100		
111	77.2	31.6	47.4#
148	76.3	51.0	76.6

