

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
 Data File : VV022944.D
 Acq On : 20 Oct 2021 20:29
 Operator : SY/MD
 Sample : M4137-05DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA4DL

Quant Time: Oct 21 02:49:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

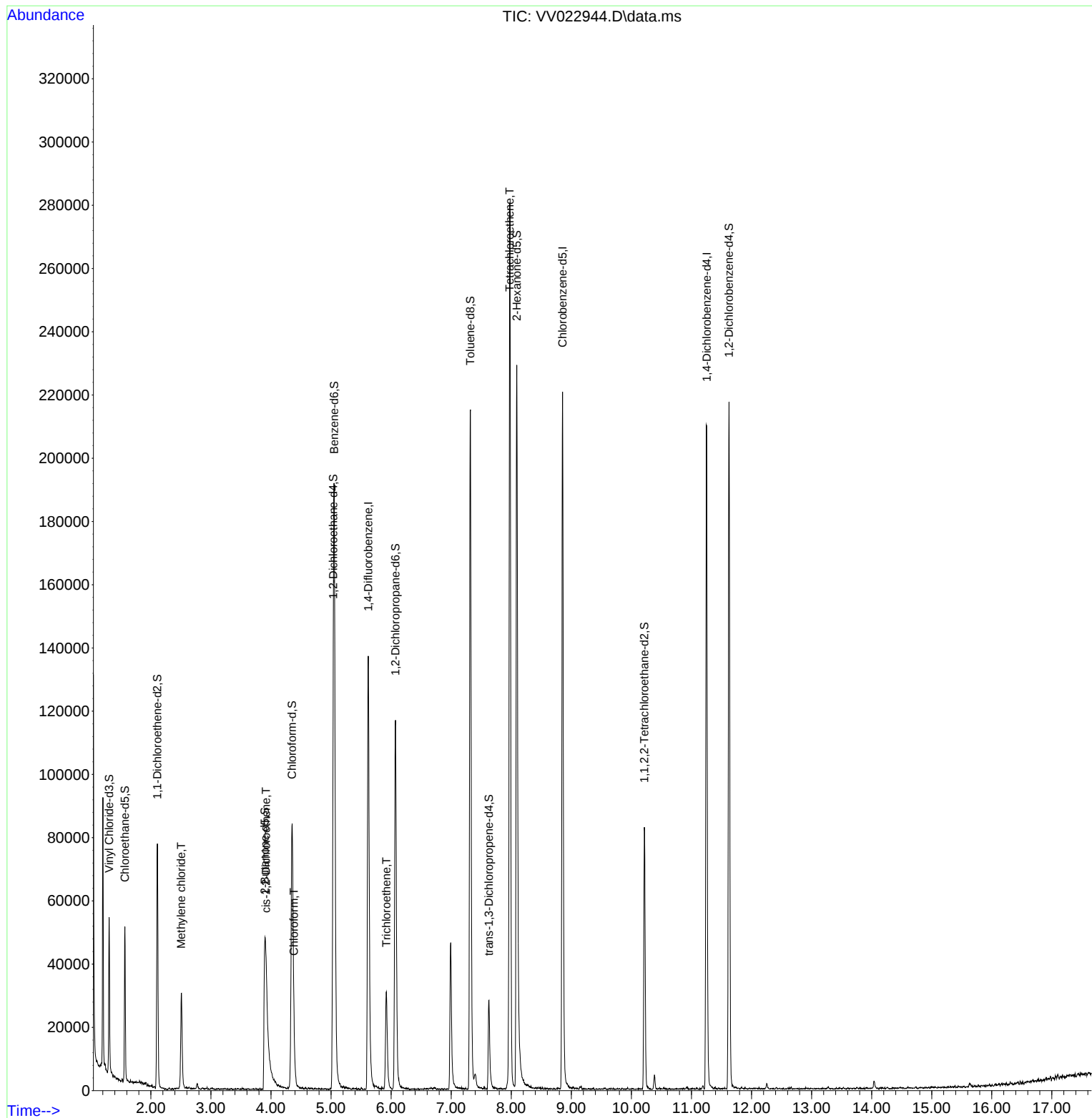
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123524	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125190	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57026	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30485	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.568	69	28758	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.108	63	40248	2.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.20%#
20) 2-Butanone-d5	3.899	46	105630	47.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	4.352	84	87497	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.037	65	43448	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.053	84	174283	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.072	67	56805	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.320	98	144554	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloroprop...	7.628	79	17495	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.091	63	80348	54.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.92%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40668	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	58509	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%
Target Compounds						Qvalue
16) Methylene chloride	2.507	84	12786	1.24	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	3546	0.42	ug/L	98
25) Chloroform	4.381	83	8443	0.50	ug/L	90
34) Trichloroethene	5.921	95	10925	1.19	ug/L	97
47) Tetrachloroethene	7.976	164	64443	8.69	ug/L	99

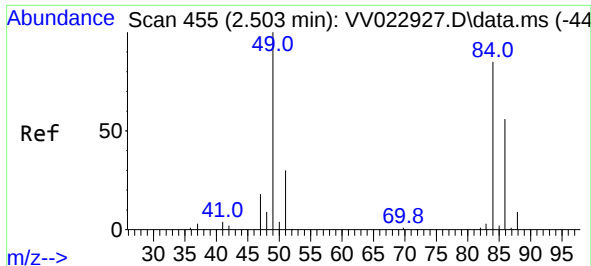
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
Data File : VV022944.D
Acq On : 20 Oct 2021 20:29
Operator : SY/MD
Sample : M4137-05DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFGA4DL

Quant Time: Oct 21 02:49:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 21 02:43:59 2021
Response via : Initial Calibration

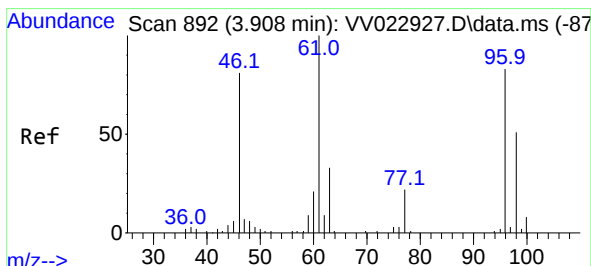
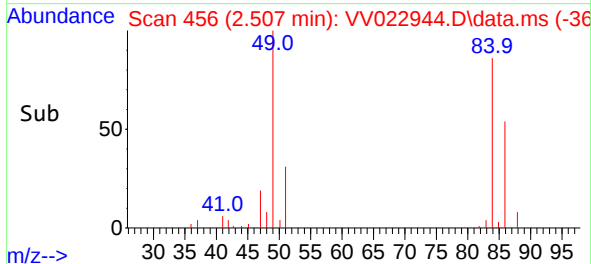
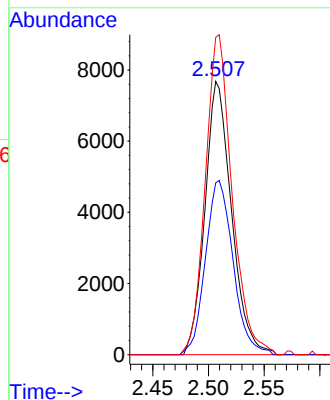
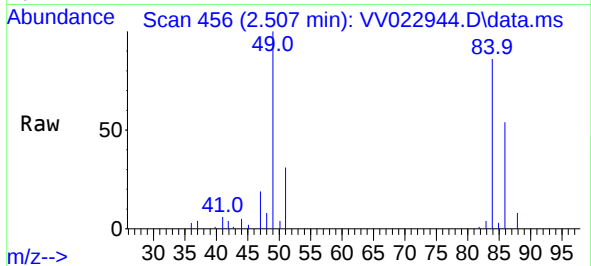




#16
Methylene chloride
Concen: 1.24 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

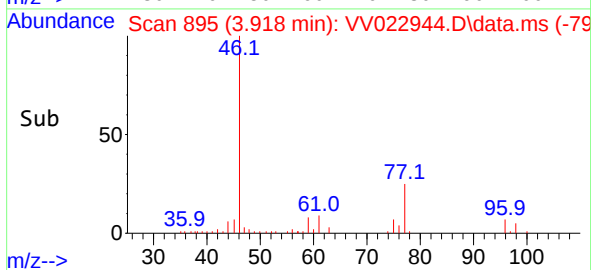
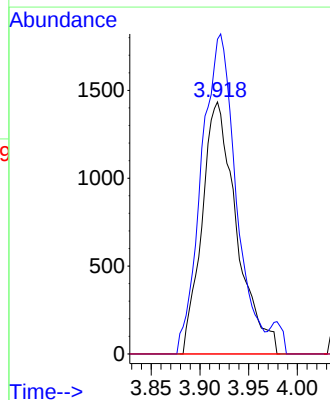
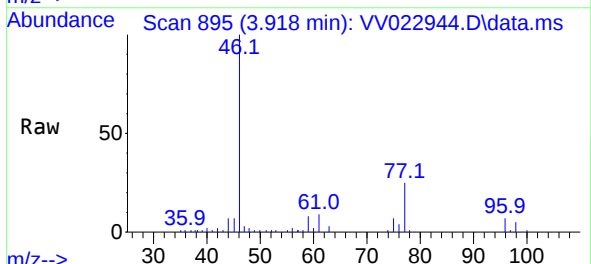
Instrument :
MSVOA_V
ClientSampleId :
BFGA4DL

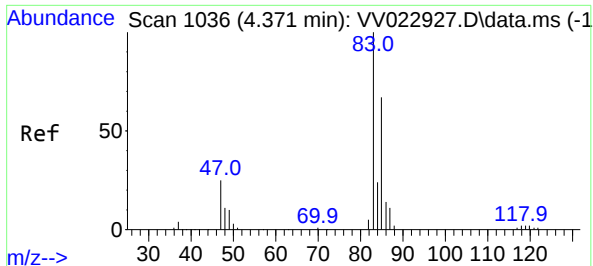
Tgt Ion: 84 Resp: 12786
Ion Ratio Lower Upper
84 100
86 62.9 45.8 85.2
49 116.1 90.3 167.7



#22
cis-1,2-Dichloroethene
Concen: 0.42 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

Tgt Ion: 96 Resp: 3546
Ion Ratio Lower Upper
96 100
61 124.9 86.0 159.6
68 0.0 0.0 0.0



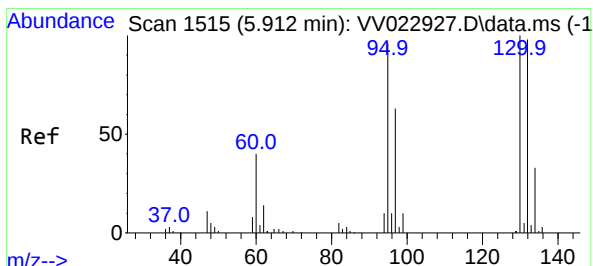
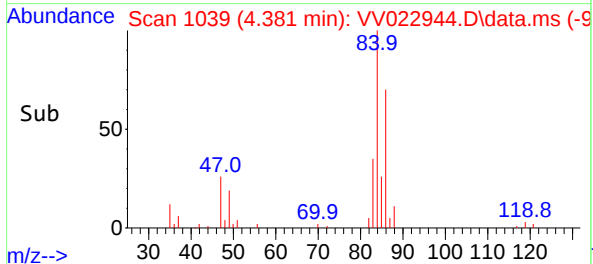
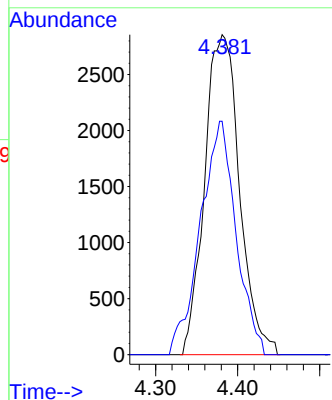
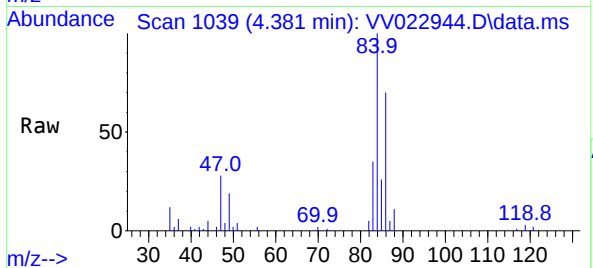


#25

Chloroform
Concen: 0.50 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

Instrument :
MSVOA_V
ClientSampleId :
BFGA4DL

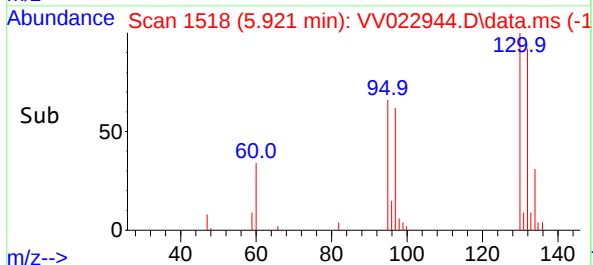
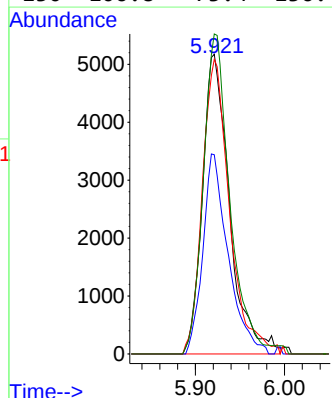
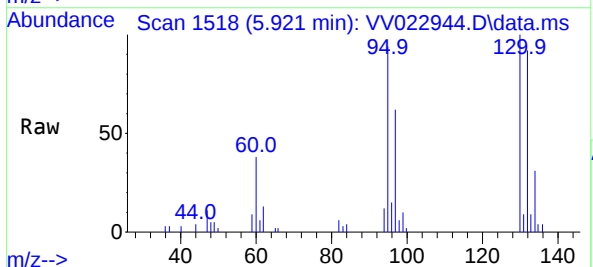
Tgt Ion: 83 Resp: 8443
Ion Ratio Lower Upper
83 100
85 72.9 45.7 84.9

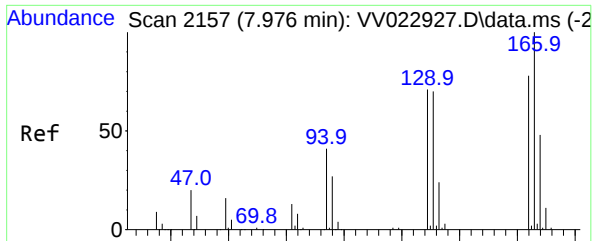


#34

Trichloroethene
Concen: 1.19 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

Tgt Ion: 95 Resp: 10925
Ion Ratio Lower Upper
95 100
97 66.5 45.8 85.2
132 98.4 72.2 134.0
130 106.8 73.4 136.4





#47
Tetrachloroethene
Concen: 8.69 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022944.D
Acq: 20 Oct 2021 20:29

Instrument :
MSVOA_V
ClientSampleId :
BFGA4DL

Tgt Ion:164 Resp: 64443

Ion	Ratio	Lower	Upper
164	100		
129	93.1	65.0	120.6
131	88.6	62.2	115.4
166	129.0	89.2	165.8

