

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022616.D
 Acq On : 06 Oct 2021 13:00
 Operator : SY/MD
 Sample : M4051-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW1

Quant Time: Oct 07 06:17:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

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

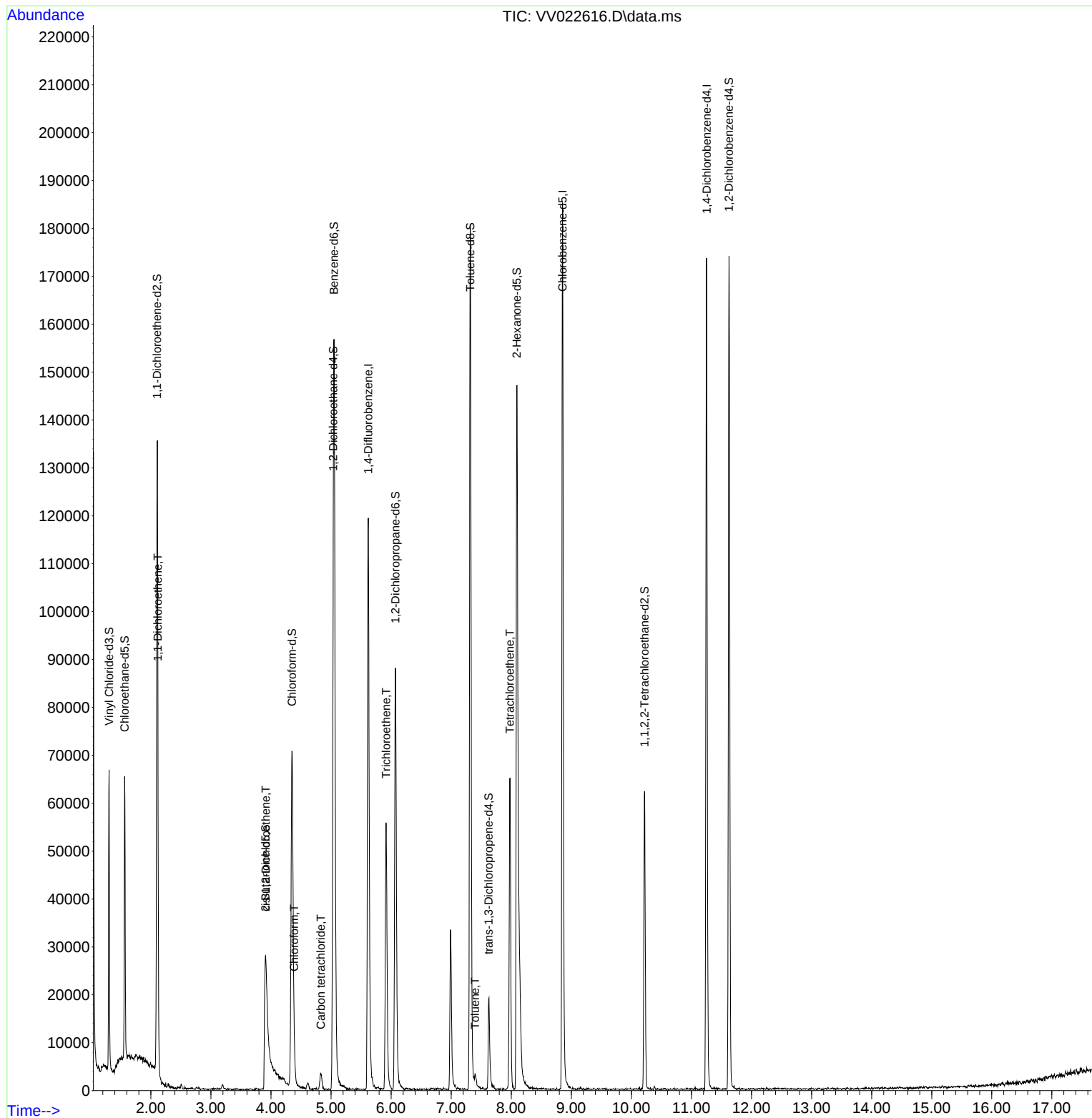
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	107969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37494	10.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	217.600%#
7) Chloroethane-d5	1.565	69	34539	7.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	148.800%#
11) 1,1-Dichloroethene-d2	2.105	63	63593	6.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	127.200%#
20) 2-Butanone-d5	3.908	46	65010	31.915	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.820%
24) Chloroform-d	4.349	84	72457	5.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.037	65	34379	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.050	84	142609	5.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.200%
36) 1,2-Dichloropropane-d6	6.072	67	44403	5.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.317	98	123719	6.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.400%
43) trans-1,3-Dichloroprop...	7.625	79	11472	5.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.092	63	58407	41.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.040%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29922	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	47759	6.242	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.800%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	10459	1.587	ug/L	# 31
22) cis-1,2-Dichloroethene	3.912	96	2429	0.312	ug/L	96
25) Chloroform	4.384	83	5461	0.388	ug/L	94
31) Carbon tetrachloride	4.828	117	2751	0.251	ug/L	100
34) Trichloroethene	5.915	95	19479	2.304	ug/L	95
42) Toluene	7.400	91	2265	0.074	ug/L	100
47) Tetrachloroethene	7.979	164	15489	2.356	ug/L	92

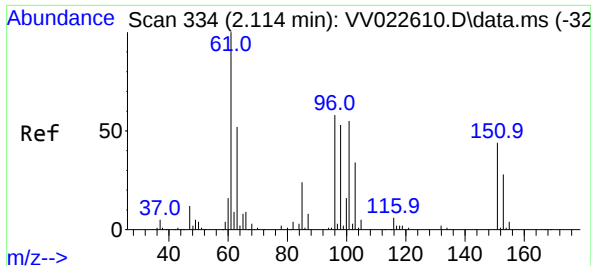
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 06:15:29 2021
Response via : Initial Calibration

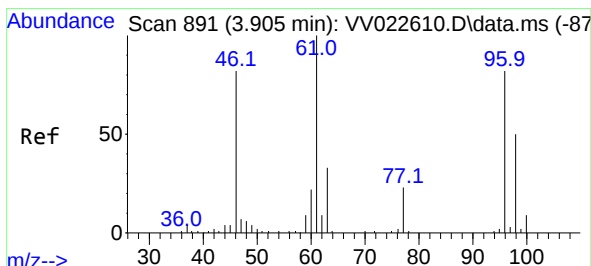
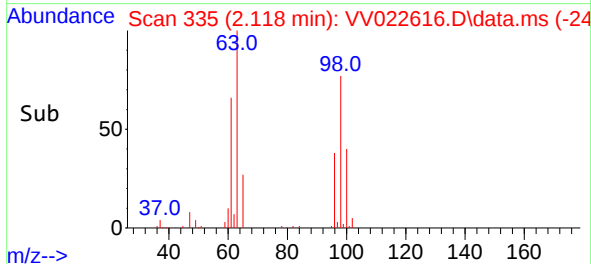
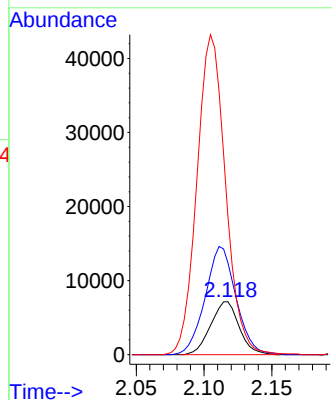
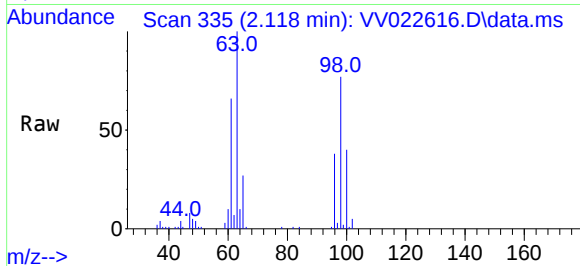




#12
1,1-Dichloroethene
Concen: 1.587 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022616.D
Acq: 06 Oct 2021 13:00

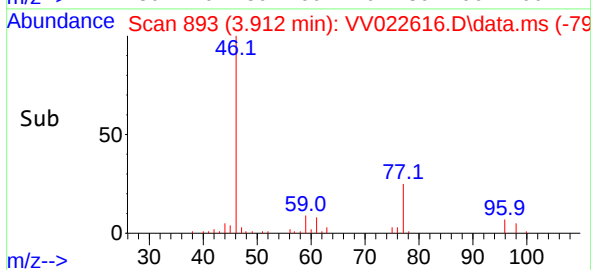
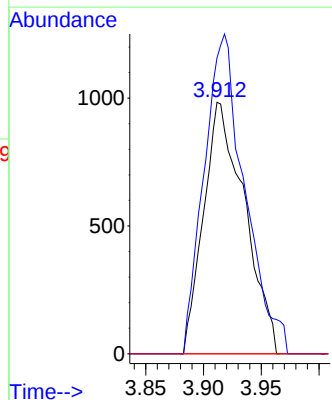
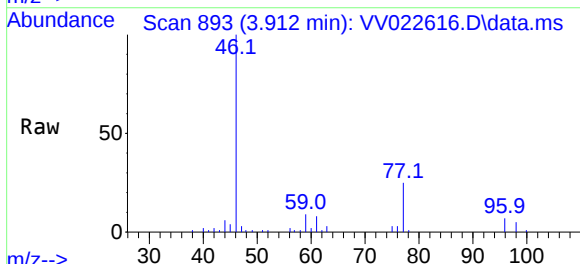
Instrument :
MSVOA_V
ClientSampled :
C0AW1

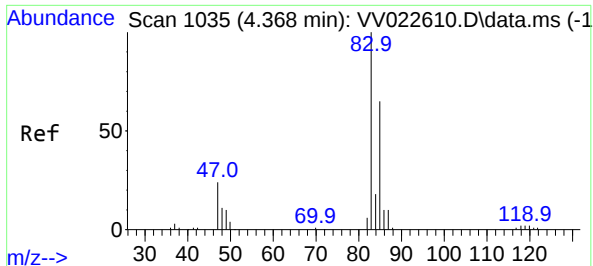
Tgt Ion: 96 Resp: 10459
Ion Ratio Lower Upper
96 100
61 173.7 113.2 210.2
63 261.8 66.6 123.8#



#22
cis-1,2-Dichloroethene
Concen: 0.312 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV022616.D
Acq: 06 Oct 2021 13:00

Tgt Ion: 96 Resp: 2429
Ion Ratio Lower Upper
96 100
61 117.7 85.6 159.0
68 0.0 0.0 0.0



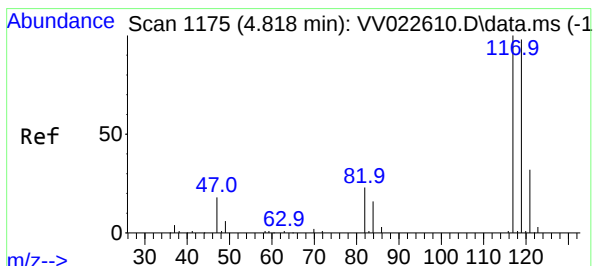
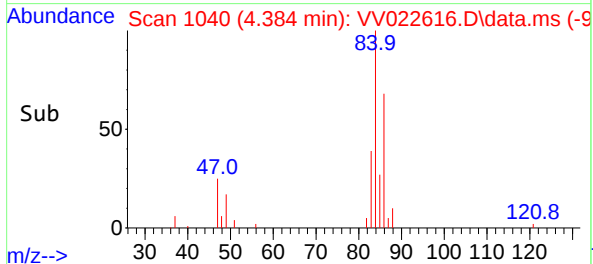
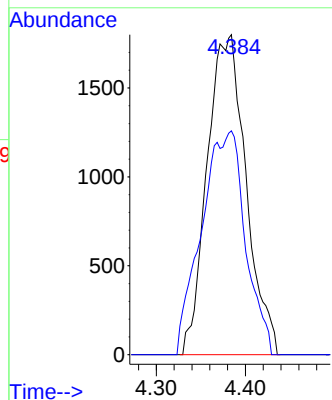
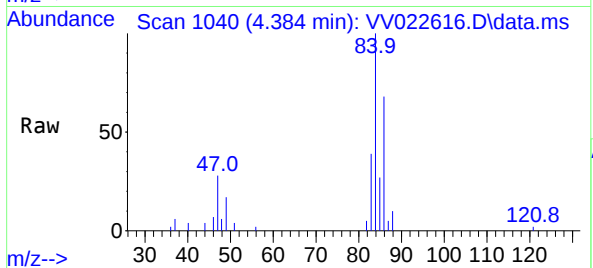


#25

Chloroform
Concen: 0.388 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.016 min
Lab File: VV022616.D
Acq: 06 Oct 2021 13:00

Instrument :
MSVOA_V
ClientSampled :
C0AW1

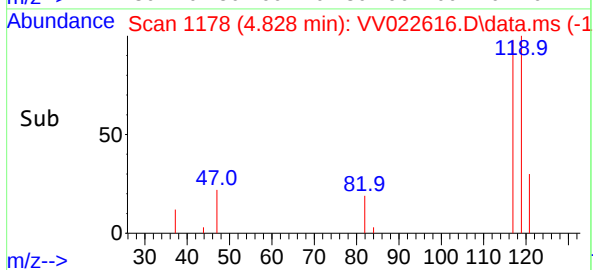
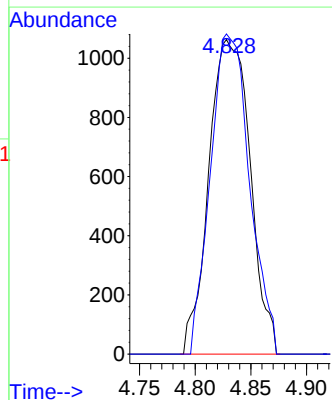
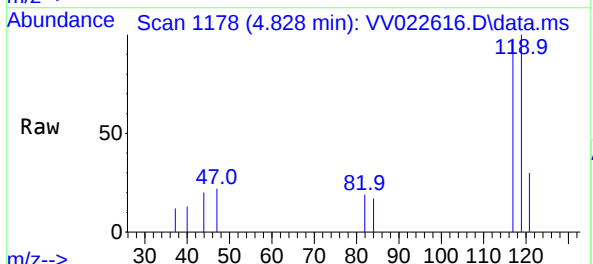
Tgt Ion: 83 Resp: 5461
Ion Ratio Lower Upper
83 100
85 69.9 45.6 84.8

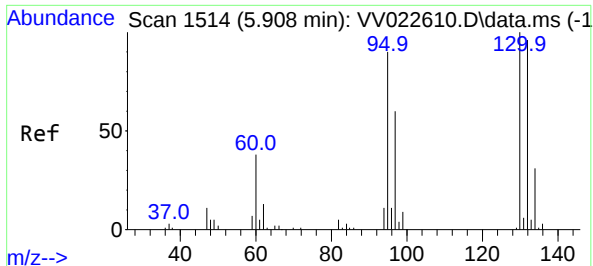


#31

Carbon tetrachloride
Concen: 0.251 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022616.D
Acq: 06 Oct 2021 13:00

Tgt Ion: 117 Resp: 2751
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3

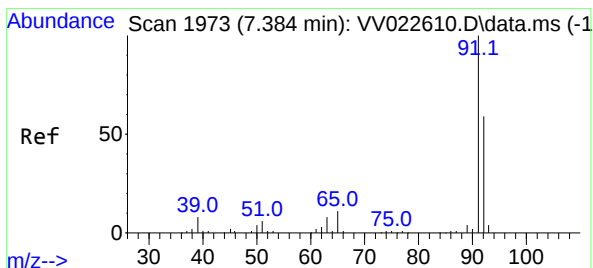
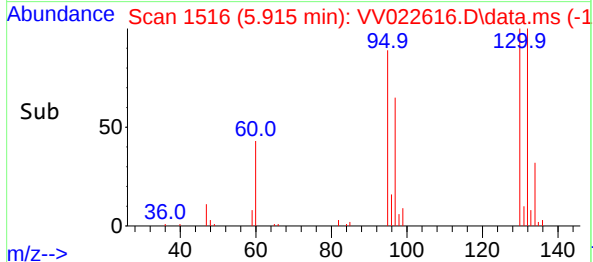
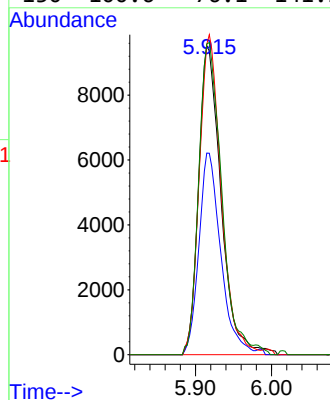
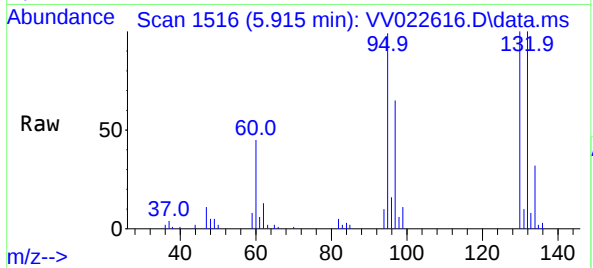




#34
Trichloroethene
Concen: 2.304 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022616.D
Acq: 06 Oct 2021 13:00

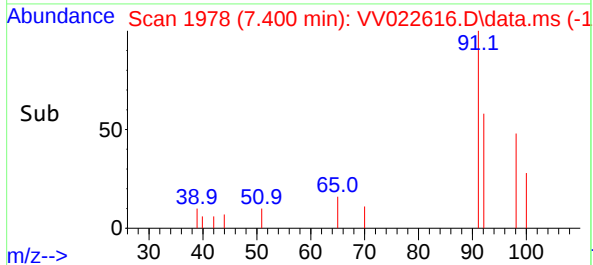
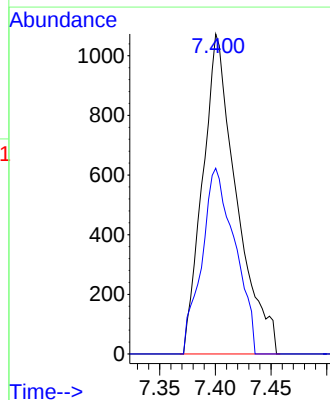
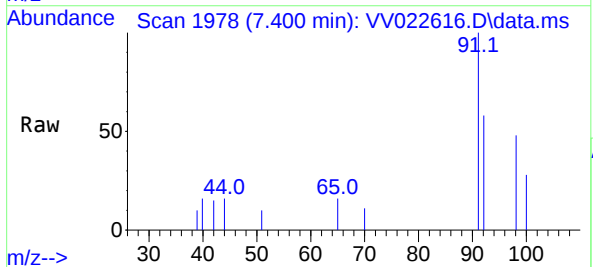
Instrument :
MSVOA_V
ClientSampled :
C0AW1

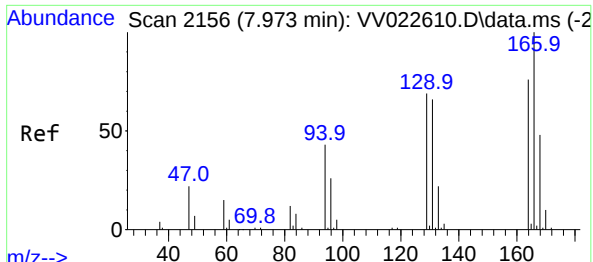
Tgt Ion: 95 Resp: 19479
Ion Ratio Lower Upper
95 100
97 65.3 46.5 86.5
132 100.4 73.0 135.6
130 100.6 76.1 141.3



#42
Toluene
Concen: 0.074 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022616.D
Acq: 06 Oct 2021 13:00

Tgt Ion: 91 Resp: 2265
Ion Ratio Lower Upper
91 100
92 58.1 40.5 75.3





#47
Tetrachloroethene
Concen: 2.356 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV022616.D
Acq: 06 Oct 2021 13:00

Instrument :
MSVOA_V
ClientSampleId :
C0AW1

Tgt Ion:164 Resp: 15489

Ion	Ratio	Lower	Upper
164	100		
129	86.9	65.5	121.6
131	78.4	62.4	116.0
166	123.8	91.1	169.3

