

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052521\
 Data File : VV021407.D
 Acq On : 25 May 2021 22:49
 Operator : SY/MD
 Sample : M2496-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB457

Quant Time: May 26 07:55:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

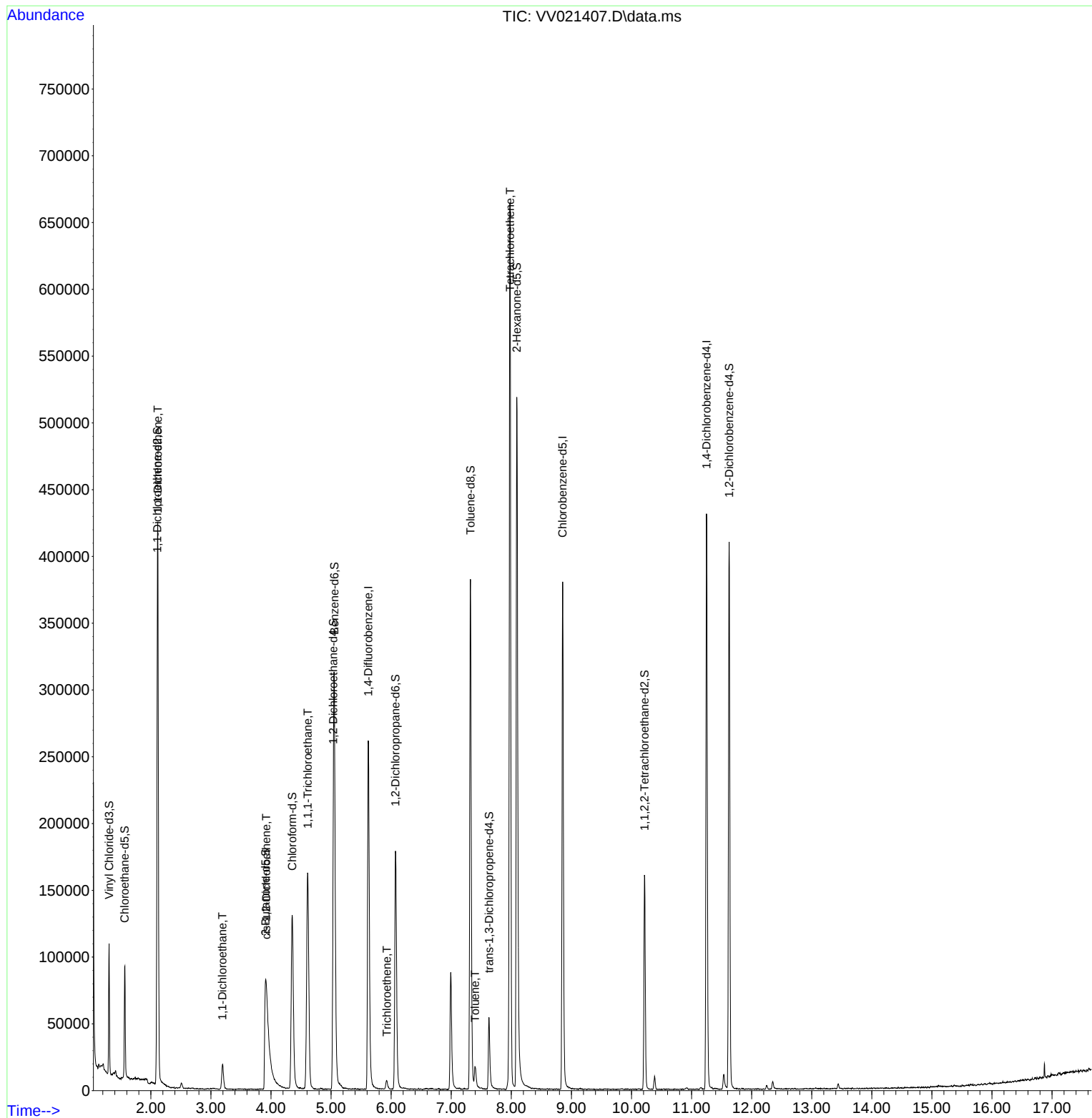
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	243973	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	224622	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123538	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58262	5.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.564	69	54137	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.108	63	127786	6.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	130.60%#
20) 2-Butanone-d5	3.908	46	226029	60.92	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.84%
24) Chloroform-d	4.352	84	143842	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.037	65	71777	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.053	84	285673	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.072	67	93499	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.320	98	261778	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloroprop...	7.628	79	34352	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.091	63	202252	58.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.76%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78328	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	114675	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	108006	8.92	ug/L	94
19) 1,1-Dichloroethane	3.191	63	20020	0.75	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	1764	0.11	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	138387	5.49	ug/L	98
34) Trichloroethene	5.928	95	2205	0.14	ug/L	96
42) Toluene	7.397	91	13522	0.21	ug/L	99
47) Tetrachloroethene	7.979	164	161198	10.98	ug/L	98

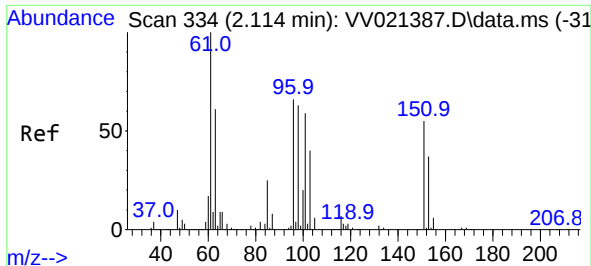
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 26 07:52:48 2021
Response via : Initial Calibration

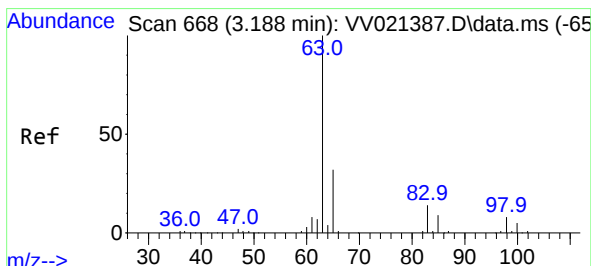
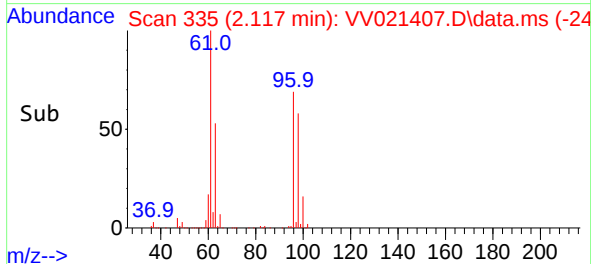
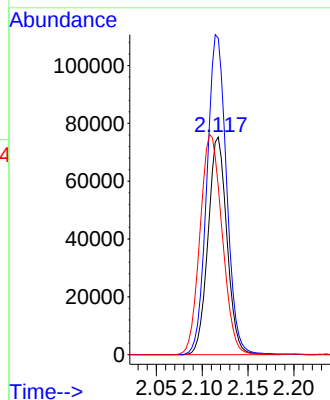
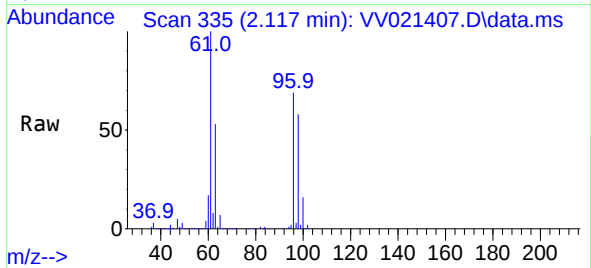




#12
1,1-Dichloroethene
Concen: 8.92 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

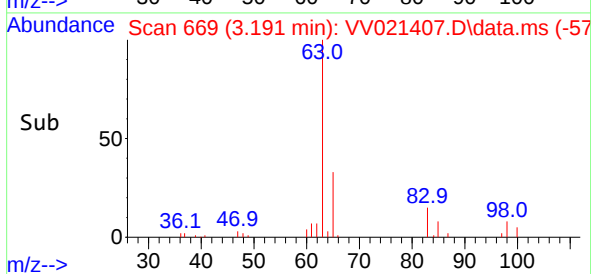
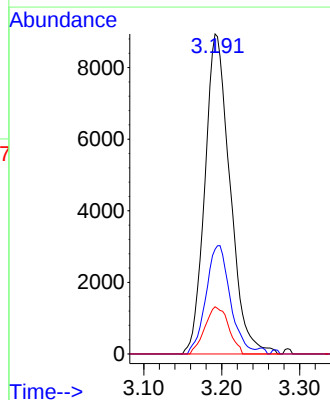
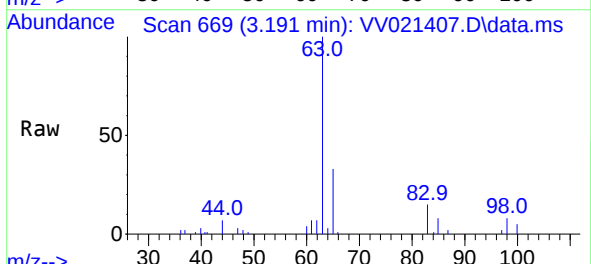
Instrument :
MSVOA_V
ClientSampled :
GB457

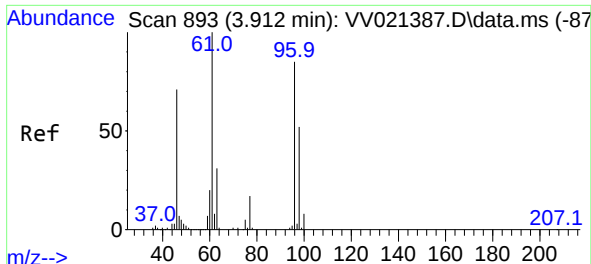
Tgt Ion: 96 Resp: 108006
Ion Ratio Lower Upper
96 100
61 145.5 103.7 192.5
63 77.2 62.4 115.8



#19
1,1-Dichloroethane
Concen: 0.75 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

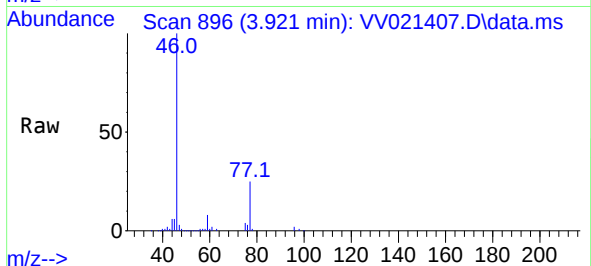
Tgt Ion: 63 Resp: 20020
Ion Ratio Lower Upper
63 100
65 32.7 23.2 43.2
83 14.7 9.4 17.4



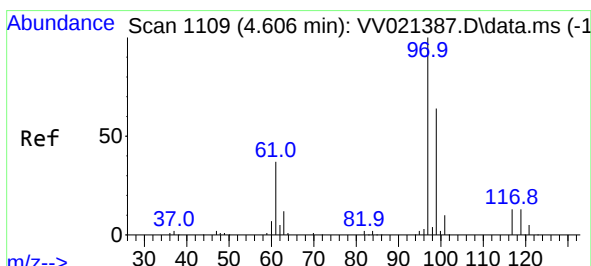
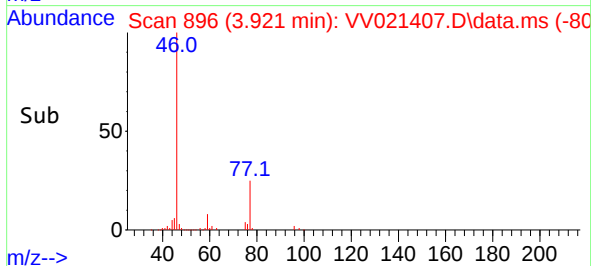
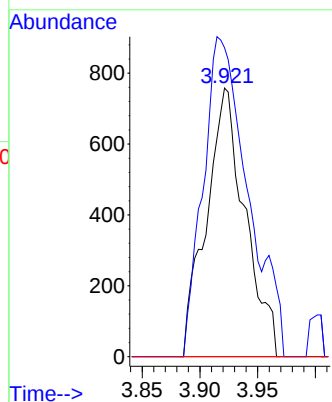


#22
cis-1,2-Dichloroethene
Concen: 0.11 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.010 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Instrument :
MSVOA_V
ClientSampled :
GB457

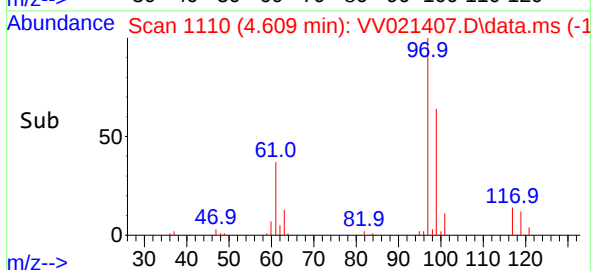
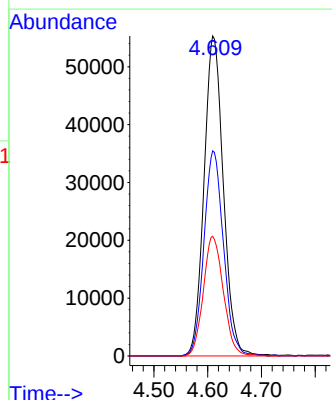
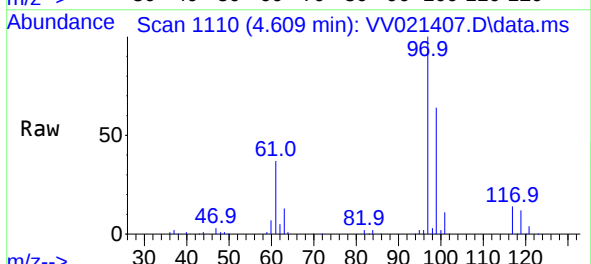


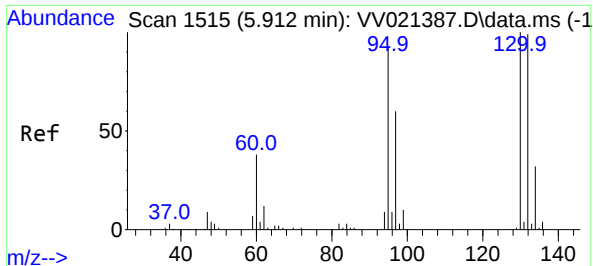
Tgt Ion: 96 Resp: 1764
Ion Ratio Lower Upper
96 100
61 115.0 81.9 152.1
68 0.0 0.0 0.0



#29
1,1,1-Trichloroethane
Concen: 5.49 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Tgt Ion: 97 Resp: 138387
Ion Ratio Lower Upper
97 100
99 65.0 50.6 75.8
61 38.6 30.4 45.6



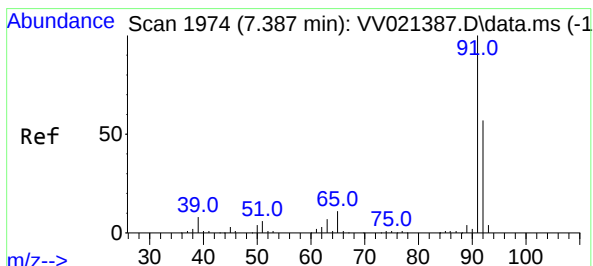
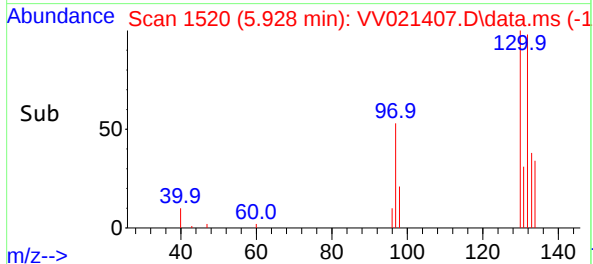
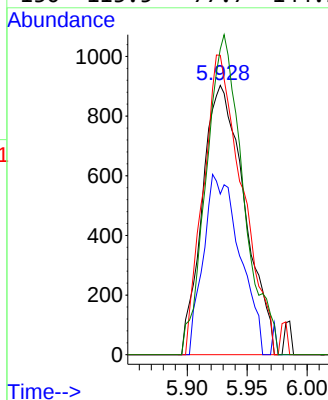
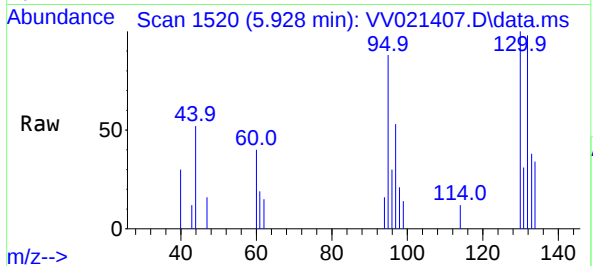


#34
Trichloroethene
Concen: 0.14 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.016 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Instrument :
MSVOA_V
ClientSampled :
GB457

Tgt Ion: 95 Resp: 2205

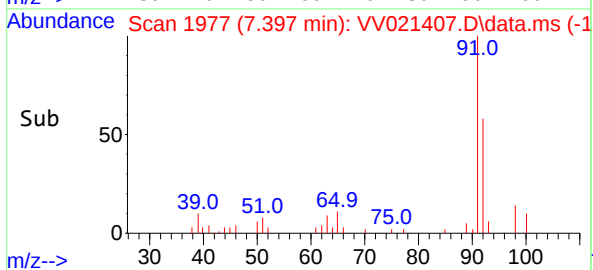
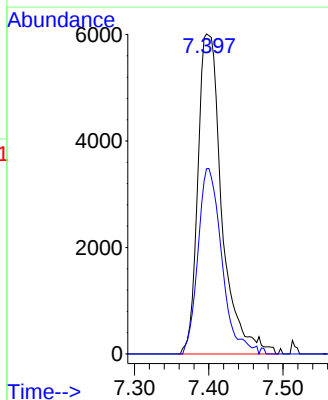
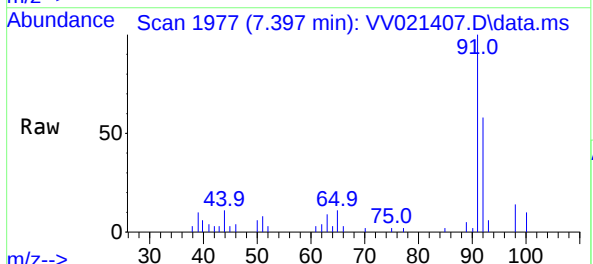
Ion	Ratio	Lower	Upper
95	100		
97	59.7	45.4	84.4
132	111.2	74.5	138.3
130	113.5	77.7	144.3

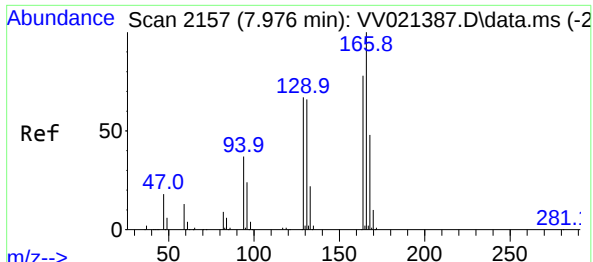


#42
Toluene
Concen: 0.21 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Tgt Ion: 91 Resp: 13522

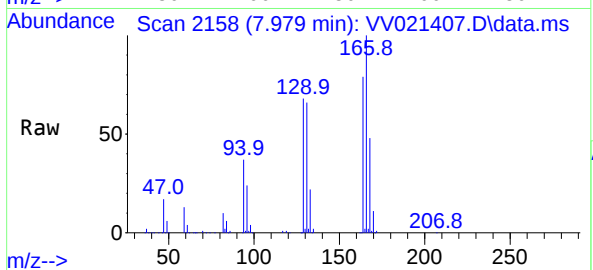
Ion	Ratio	Lower	Upper
91	100		
92	57.9	40.9	76.0





#47
Tetrachloroethene
Concen: 10.98 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021407.D
Acq: 25 May 2021 22:49

Instrument :
MSVOA_V
ClientSampleId :
GB457



Tgt Ion:164 Resp: 161198

Ion	Ratio	Lower	Upper
164	100		
129	86.1	61.8	114.8
131	83.9	57.8	107.4
166	126.2	87.4	162.4

