

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052121\
 Data File : VW021364.D
 Acq On : 21 May 2021 17:22
 Operator : SY/MD
 Sample : M2494-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB421

Quant Time: May 22 01:40:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 12:12:53 2021
 Response via : Initial Calibration

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

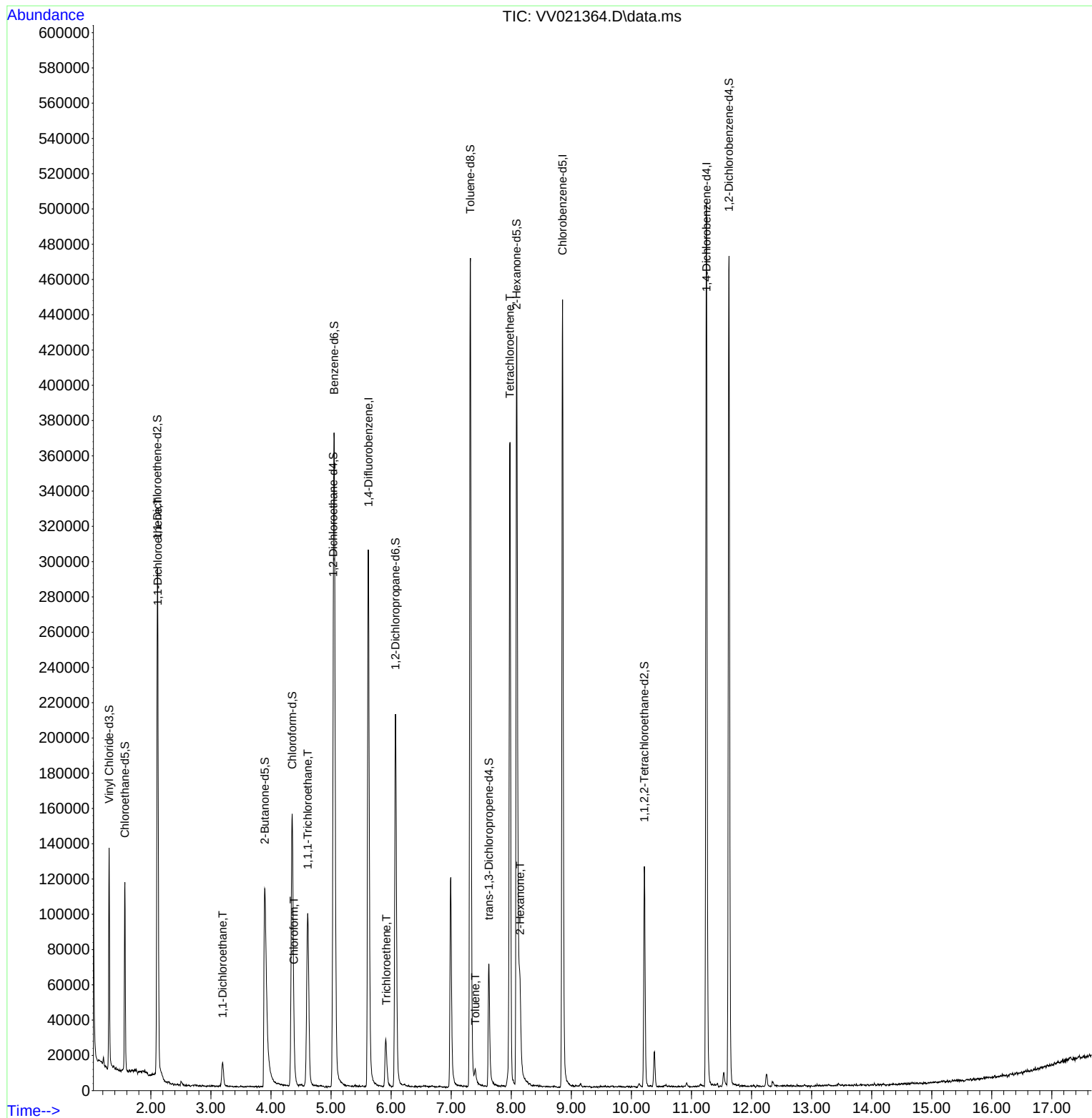
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	281430	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	262921	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	142621	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	80125	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.568	69	66944	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.108	63	124642	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	3.896	46	227435	46.36	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.72%
24) Chloroform-d	4.352	84	165180	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.037	65	81919	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.053	84	345242	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.072	67	109323	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.320	98	317765	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloroprop...	7.628	79	44787	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.088	63	153744	42.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.86%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	61370	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	131246	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	43485	2.80	ug/L #	67
19) 1,1-Dichloroethane	3.195	63	14653	0.44	ug/L	97
25) Chloroform	4.381	83	4745	0.13	ug/L	85
29) 1,1,1-Trichloroethane	4.613	97	83612	2.59	ug/L	98
34) Trichloroethene	5.921	95	1975	0.09	ug/L	85
42) Toluene	7.403	91	6252	0.08	ug/L	93
47) Tetrachloroethene	7.979	164	87563	4.78	ug/L	97
48) 2-Hexanone	8.146	43	40379	4.84	ug/L #	86

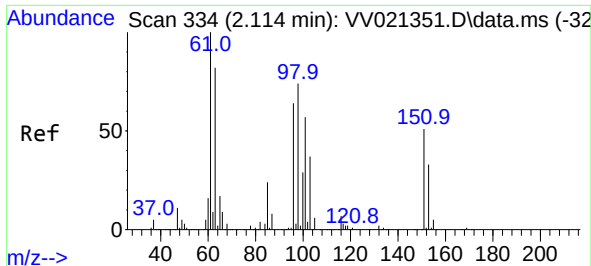
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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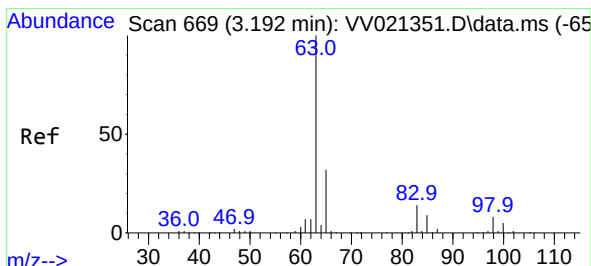
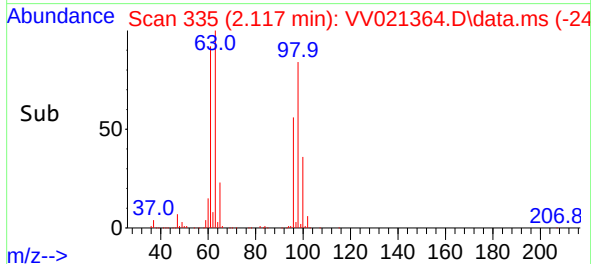
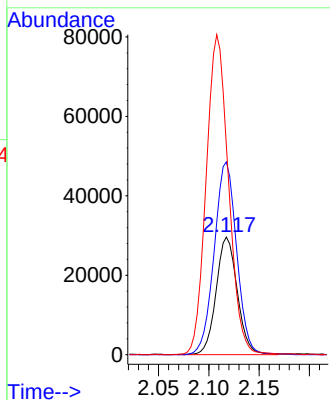
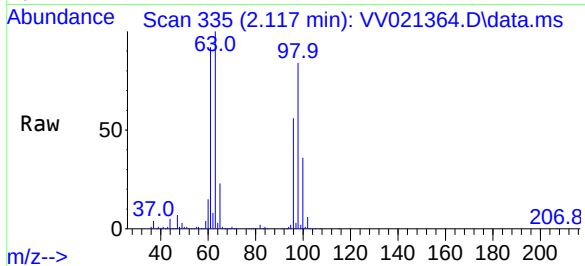




#12
1,1-Dichloroethene
Concen: 2.80 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

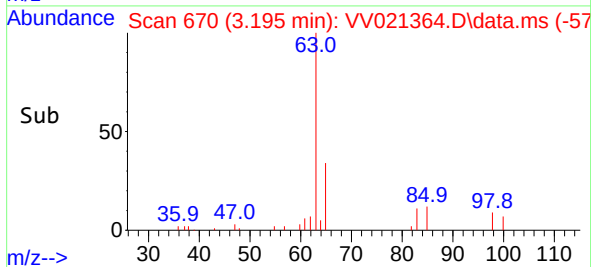
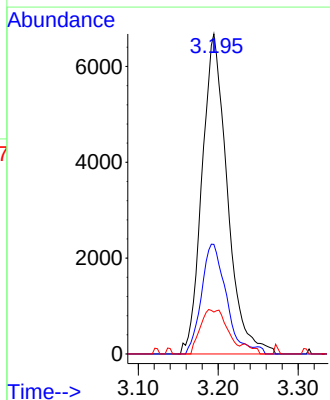
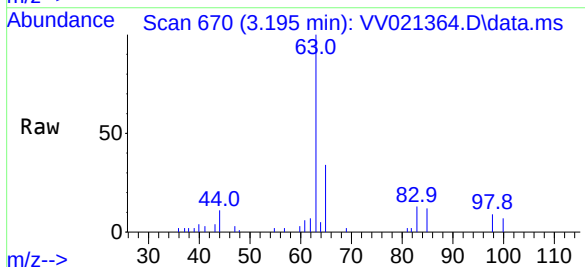
Instrument :
MSVOA_V
ClientSampled :
GB421

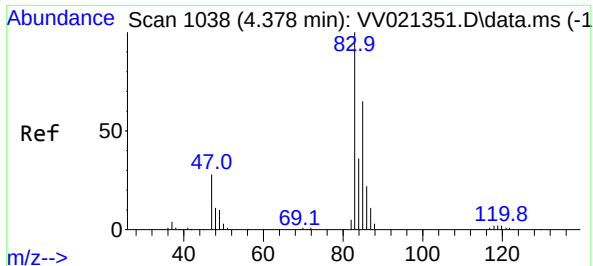
Tgt Ion: 96 Resp: 43485
Ion Ratio Lower Upper
96 100
61 164.0 109.8 204.0
63 177.9 71.3 132.3#



#19
1,1-Dichloroethane
Concen: 0.44 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Tgt Ion: 63 Resp: 14653
Ion Ratio Lower Upper
63 100
65 34.3 22.3 41.5
83 13.1 9.7 17.9



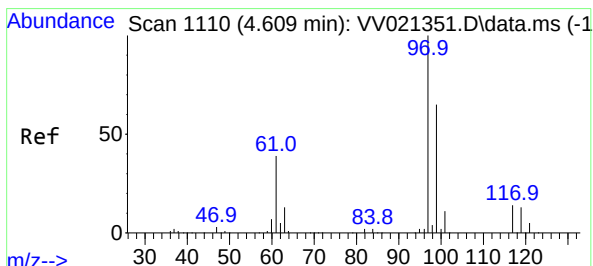
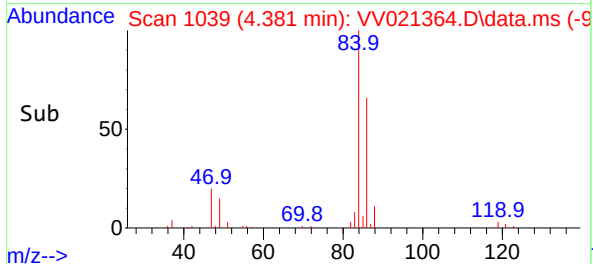
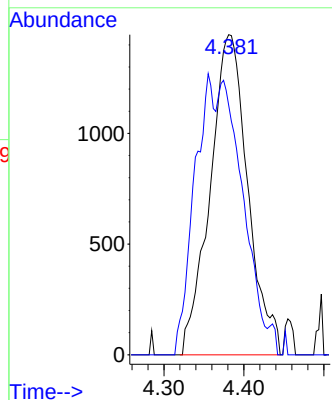
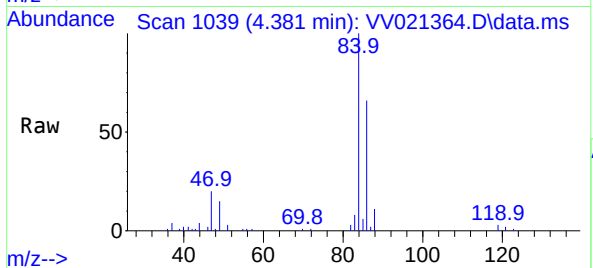


#25

Chloroform
Concen: 0.13 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Instrument :
MSVOA_V
ClientSampled :
GB421

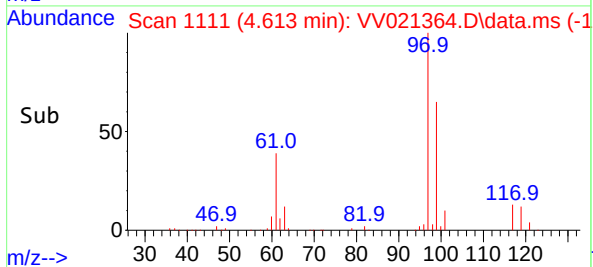
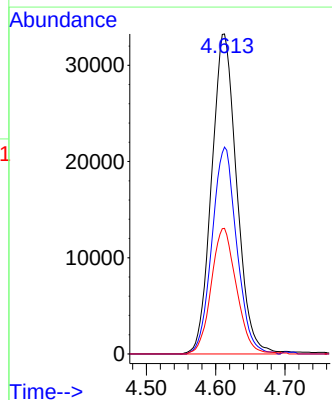
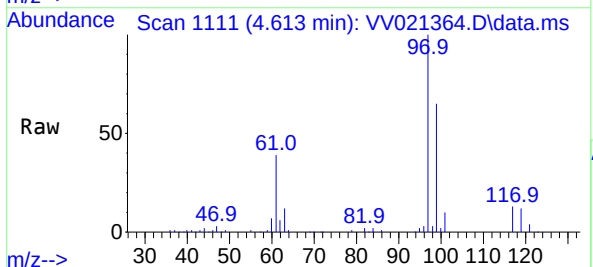
Tgt Ion: 83 Resp: 4745
Ion Ratio Lower Upper
83 100
85 77.9 46.4 86.2

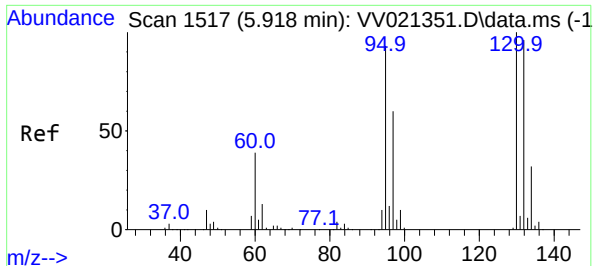


#29

1,1,1-Trichloroethane
Concen: 2.59 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Tgt Ion: 97 Resp: 83612
Ion Ratio Lower Upper
97 100
99 63.9 50.6 75.8
61 39.6 33.2 49.8



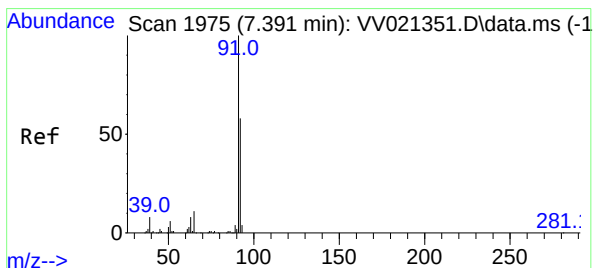
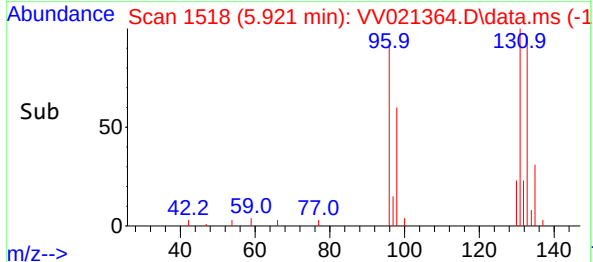
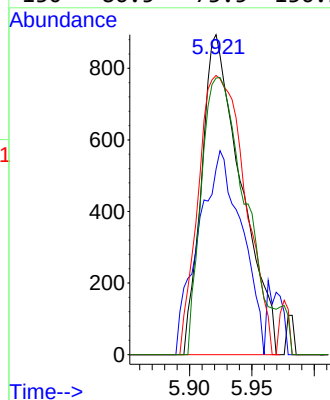
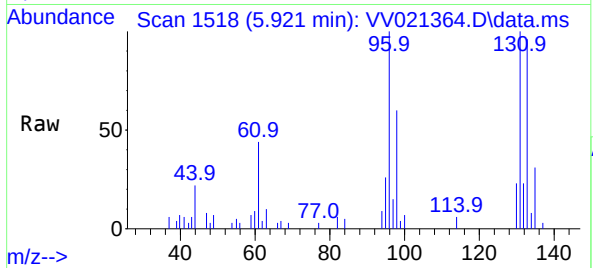


#34
Trichloroethene
Concen: 0.09 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Instrument :
MSVOA_V
ClientSampleId :
GB421

Tgt Ion: 95 Resp: 1975

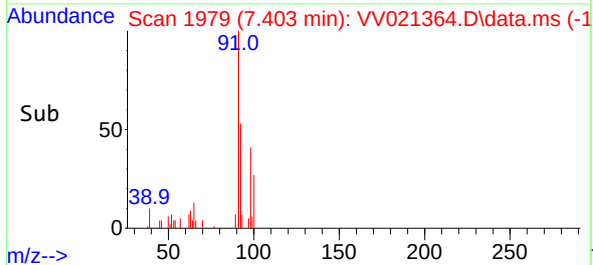
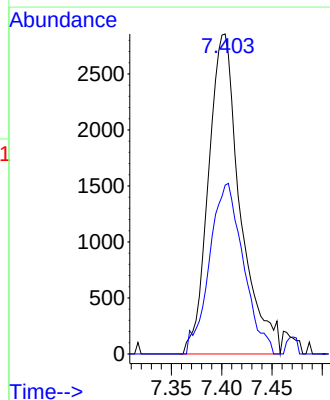
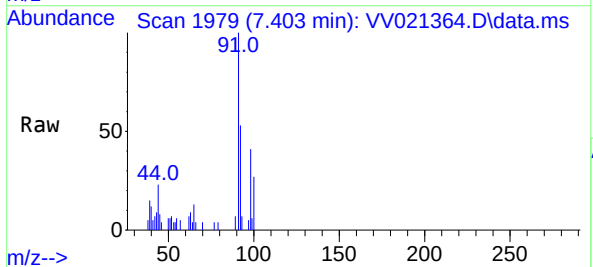
Ion	Ratio	Lower	Upper
95	100		
97	57.9	45.1	83.9
132	87.2	71.5	132.9
130	86.5	73.5	136.5

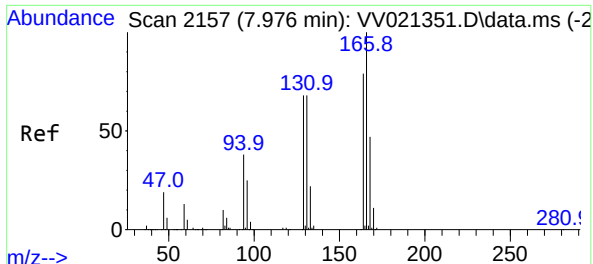


#42
Toluene
Concen: 0.08 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.013 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Tgt Ion: 91 Resp: 6252

Ion	Ratio	Lower	Upper
91	100		
92	52.7	40.5	75.1



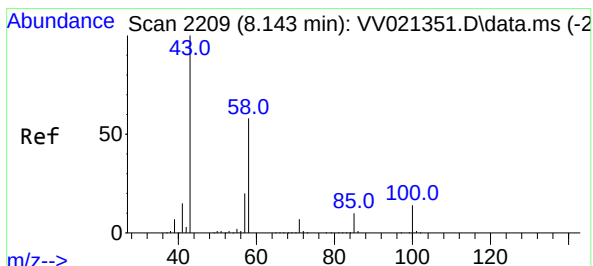
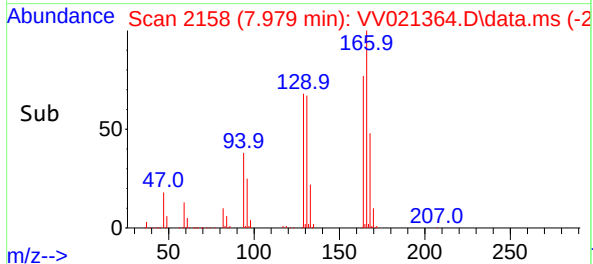
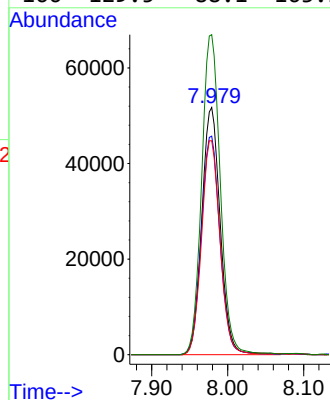
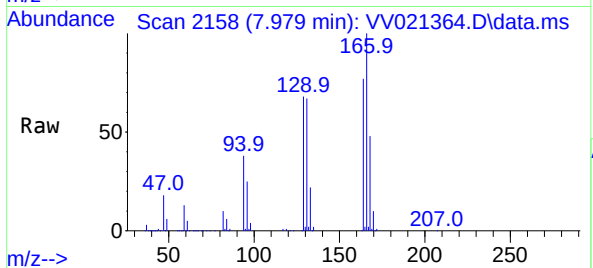


#47
Tetrachloroethene
Concen: 4.78 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Instrument :
MSVOA_V
ClientSampleId :
GB421

Tgt Ion:164 Resp: 87563

Ion	Ratio	Lower	Upper
164	100		
129	88.4	65.0	120.6
131	86.5	61.8	114.8
166	129.5	88.1	163.5



#48
2-Hexanone
Concen: 4.84 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV021364.D
Acq: 21 May 2021 17:22

Tgt Ion: 43 Resp: 40379

Ion	Ratio	Lower	Upper
43	100		
58	49.1	47.8	71.8
57	13.5	16.6	24.8#
100	10.2	11.5	17.3#

