

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052121\
 Data File : VV021359.D
 Acq On : 21 May 2021 15:20
 Operator : SY/MD
 Sample : M2494-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB416

Quant Time: May 22 01:39:47 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)

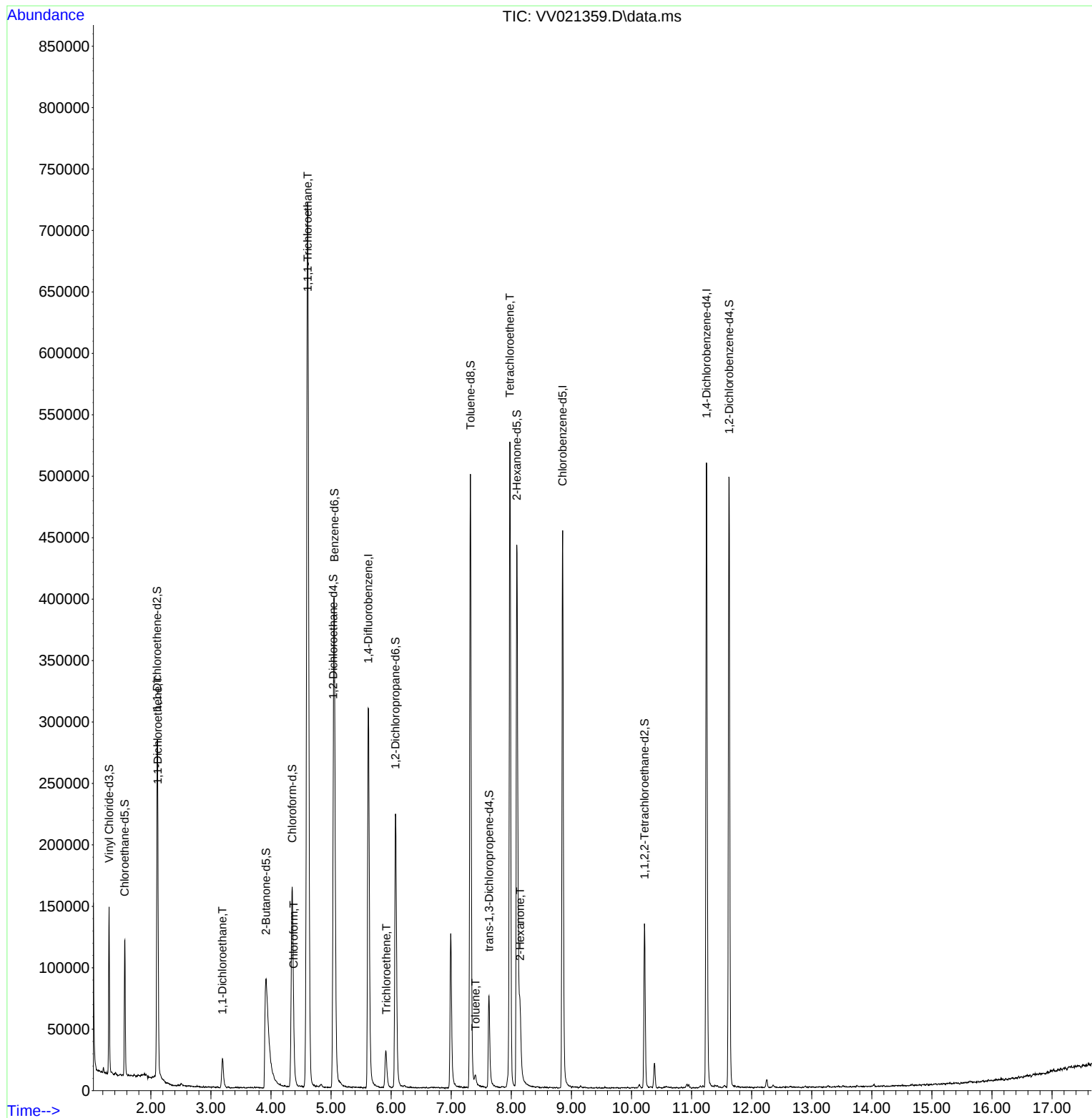
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	288065	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	266742	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	145499	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84452	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.564	69	71740	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.105	63	124591	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.915	46	234453	46.69	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.38%
24) Chloroform-d	4.352	84	173986	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.037	65	86040	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.053	84	366288	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.072	67	114548	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.320	98	344828	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloroprop...	7.629	79	47777	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.092	63	164846	44.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.68%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	64418	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	139227	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	37301	2.35	ug/L #	74
19) 1,1-Dichloroethane	3.191	63	24638	0.72	ug/L	97
25) Chloroform	4.378	83	5749	0.16	ug/L	79
29) 1,1,1-Trichloroethane	4.609	97	609241	18.61	ug/L	98
34) Trichloroethene	5.921	95	2439	0.11	ug/L	93
42) Toluene	7.403	91	7328	0.09	ug/L	98
47) Tetrachloroethene	7.976	164	125733	6.77	ug/L	96
48) 2-Hexanone	8.146	43	42914	5.07	ug/L #	85

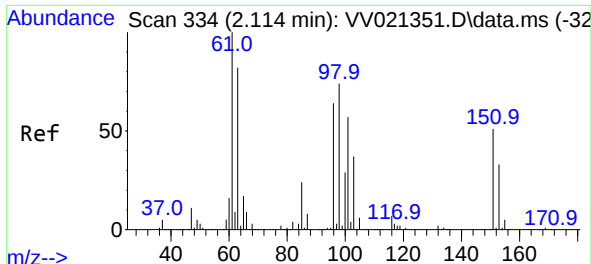
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.35 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV021359.D

Acq: 21 May 2021 15:20

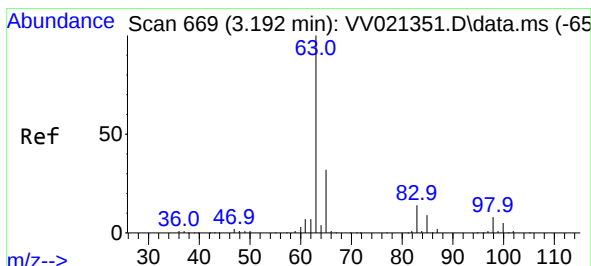
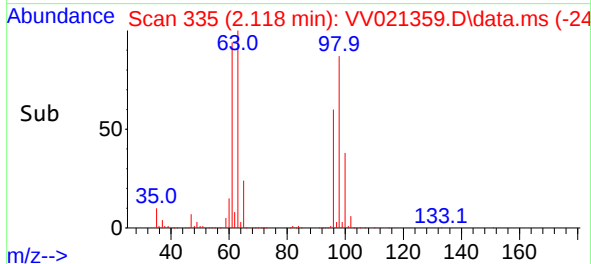
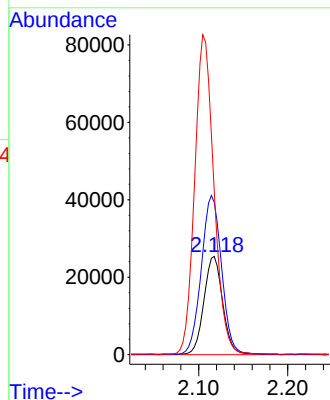
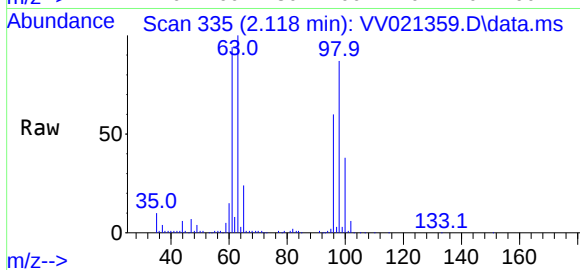
Tgt Ion: 96 Resp: 37301

Ion Ratio Lower Upper

96 100

61 155.1 109.8 204.0

63 165.8 71.3 132.3#



#19

1,1-Dichloroethane

Concen: 0.72 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV021359.D

Acq: 21 May 2021 15:20

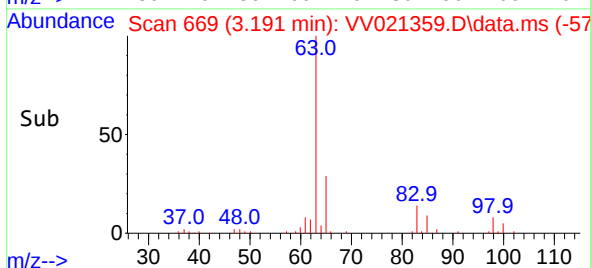
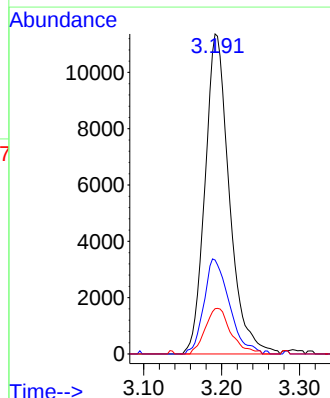
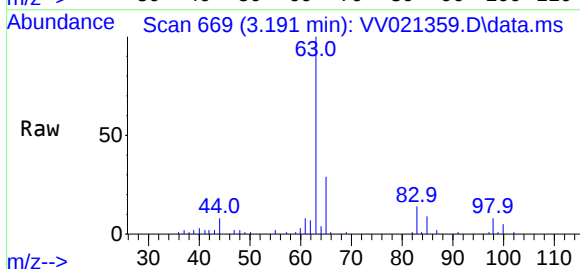
Tgt Ion: 63 Resp: 24638

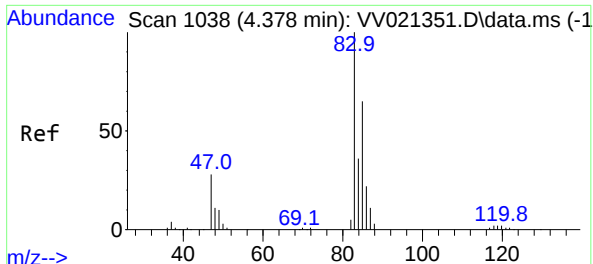
Ion Ratio Lower Upper

63 100

65 29.4 22.3 41.5

83 14.1 9.7 17.9



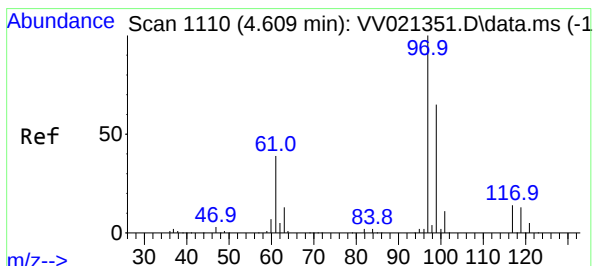
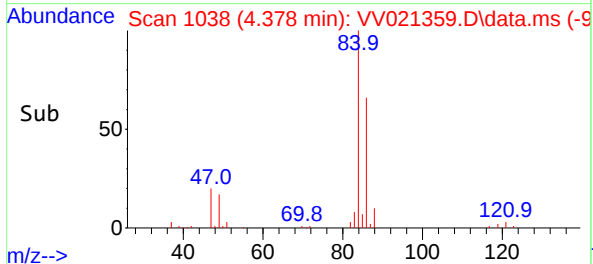
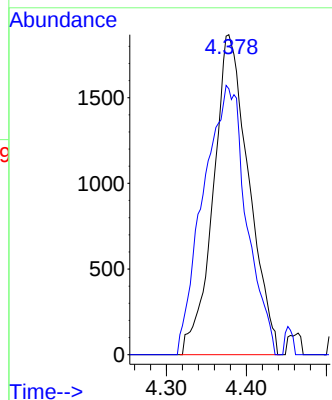
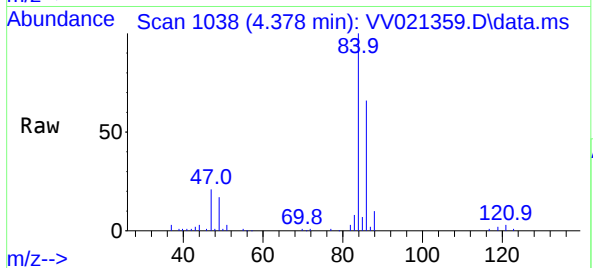


#25

Chloroform
Concen: 0.16 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV021359.D
Acq: 21 May 2021 15:20

Instrument :
MSVOA_V
ClientSampled :
GB416

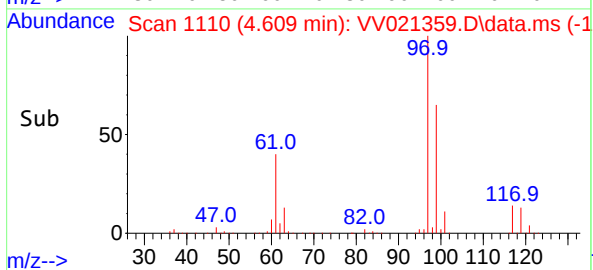
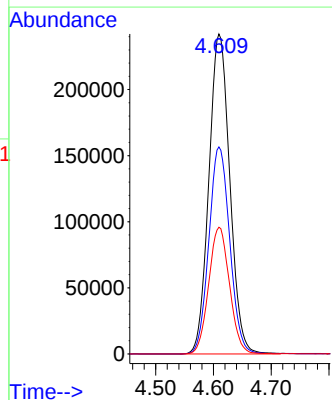
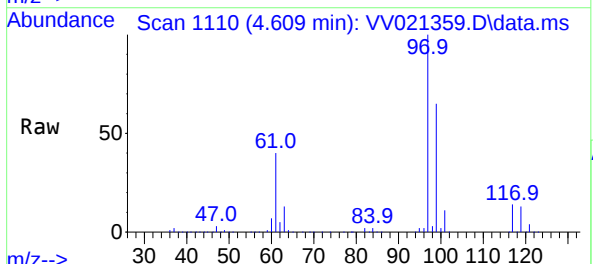
Tgt Ion: 83 Resp: 5749
Ion Ratio Lower Upper
83 100
85 83.1 46.4 86.2

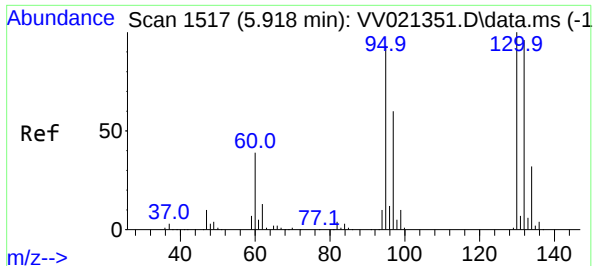


#29

1,1,1-Trichloroethane
Concen: 18.61 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV021359.D
Acq: 21 May 2021 15:20

Tgt Ion: 97 Resp: 609241
Ion Ratio Lower Upper
97 100
99 64.6 50.6 75.8
61 39.4 33.2 49.8



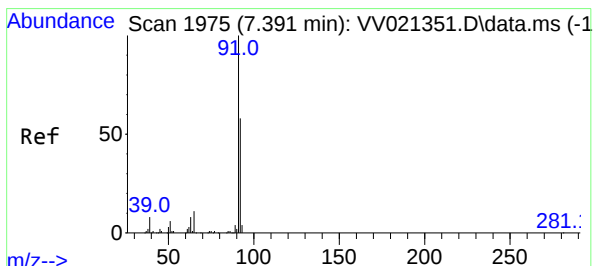
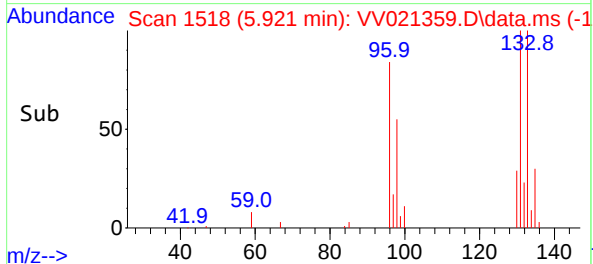
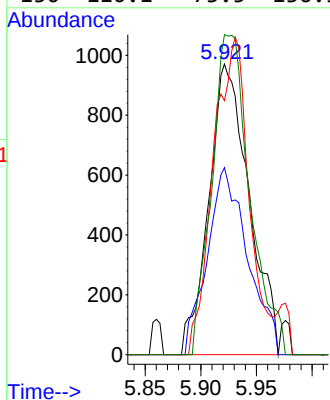
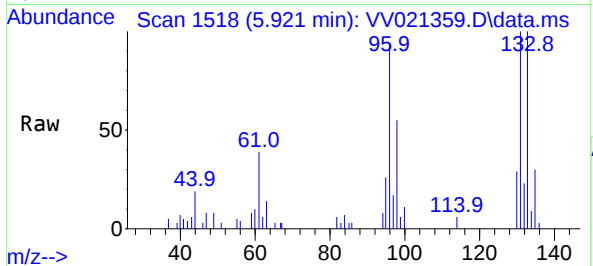


#34
Trichloroethene
Concen: 0.11 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV021359.D
Acq: 21 May 2021 15:20

Instrument :
MSVOA_V
ClientSampled :
GB416

Tgt Ion: 95 Resp: 2439

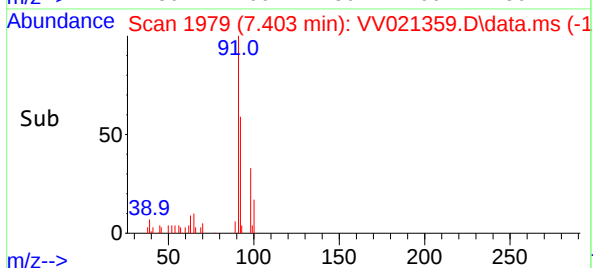
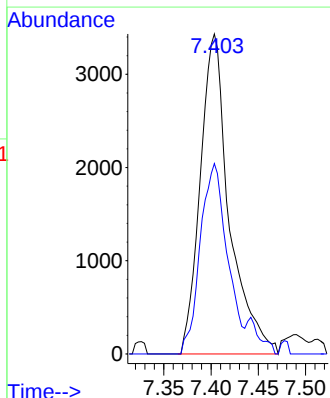
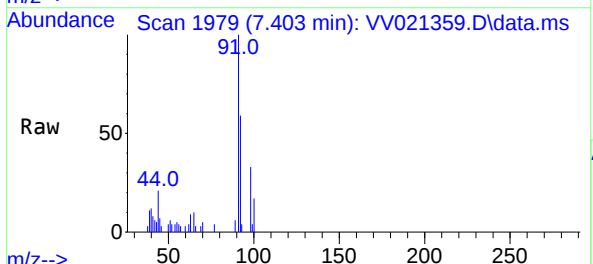
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.1	83.9
132	87.4	71.5	132.9
130	110.1	73.5	136.5

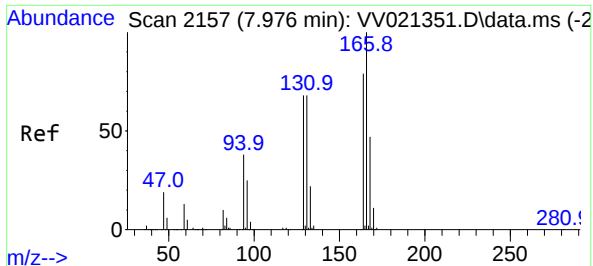


#42
Toluene
Concen: 0.09 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.013 min
Lab File: VV021359.D
Acq: 21 May 2021 15:20

Tgt Ion: 91 Resp: 7328

Ion	Ratio	Lower	Upper
91	100		
92	59.5	40.5	75.1





#47

Tetrachloroethene

Concen: 6.77 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV021359.D

Acq: 21 May 2021 15:20

Instrument :
MSVOA_V
ClientSampled :
GB416

Tgt Ion:164 Resp: 125733

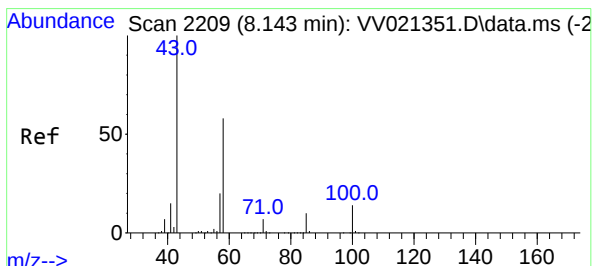
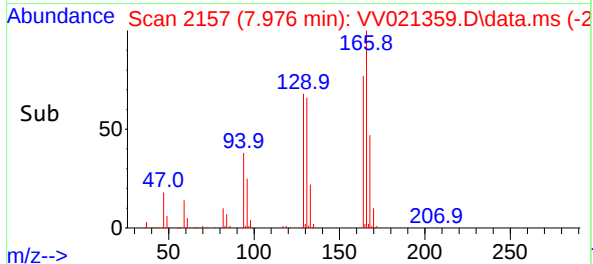
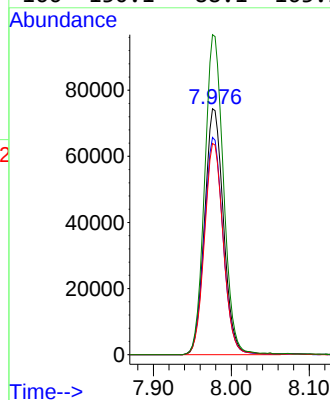
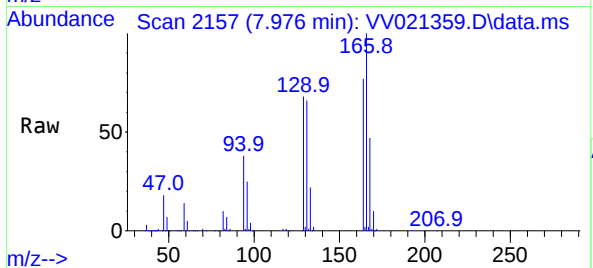
Ion Ratio Lower Upper

164 100

129 88.3 65.0 120.6

131 85.9 61.8 114.8

166 130.1 88.1 163.5



#48

2-Hexanone

Concen: 5.07 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV021359.D

Acq: 21 May 2021 15:20

Tgt Ion: 43 Resp: 42914

Ion Ratio Lower Upper

43 100

58 46.4 47.8 71.8#

57 16.1 16.6 24.8#

100 9.9 11.5 17.3#

