

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093021\
 Data File : VV022436.D
 Acq On : 30 Sep 2021 16:54
 Operator : SY/MD
 Sample : M3979-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A04

Quant Time: Oct 01 02:43:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 01 02:38:11 2021
 Response via : Initial Calibration

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

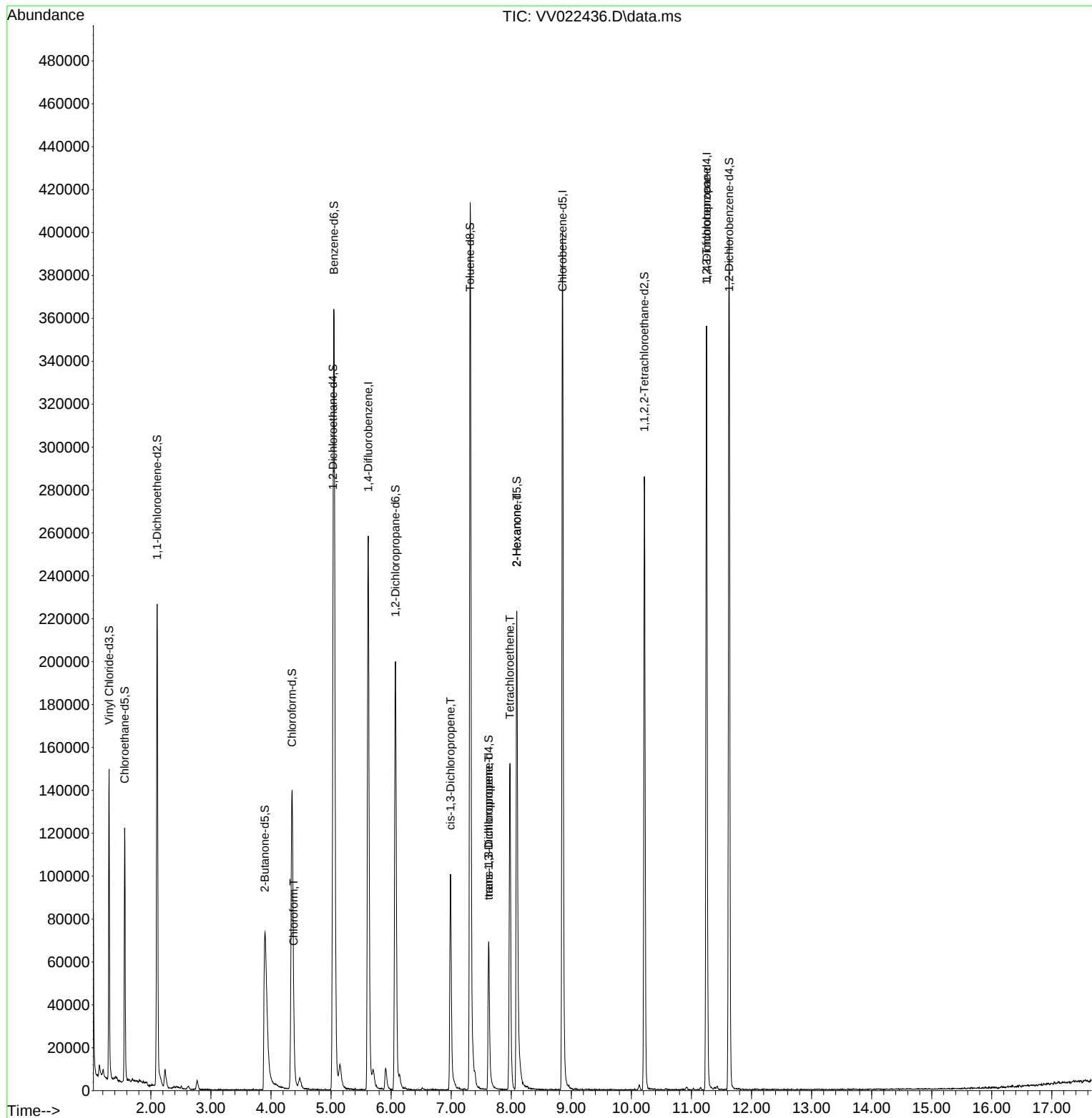
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	228317	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	228421	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	98973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88614	45.733	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.460%
7) Chloroethane-d5	1.565	69	71321	46.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.080%
11) 1,1-Dichloroethene-d2	2.105	63	116601	34.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.220%
21) 2-Butanone-d5	3.896	46	126326	92.381	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.380%
24) Chloroform-d	4.349	84	144357	41.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.520%
26) 1,2-Dichloroethane-d4	5.034	65	94119	43.866	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.740%
32) Benzene-d6	5.050	84	315022	43.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	6.072	67	100029	43.511	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.020%
41) Toluene-d8	7.317	98	285320	43.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	7.625	79	43327	41.273	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.540%
47) 2-Hexanone-d5	8.092	63	81099	86.818	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	134708	40.367	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.740%
66) 1,2-Dichlorobenzene-d4	11.628	152	109372	49.697	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
25) Chloroform	4.378	83	10478	3.254	ug/L	96
39) cis-1,3-Dichloropropene	6.989	75	2882	1.094	ug/L #	81
44) trans-1,3-Dichloropropene	7.622	75	1763	0.701	ug/L #	78
46) Tetrachloroethene	7.979	164	37292	25.265	ug/L	94
48) 2-Hexanone	8.092	43	8816	4.611	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	10880	5.892	ug/L #	65

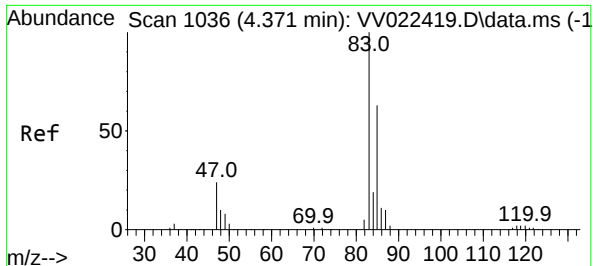
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 3.254 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VV022436.D

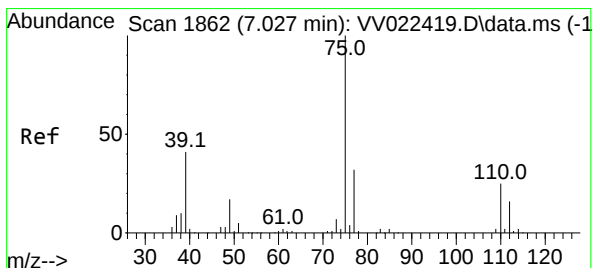
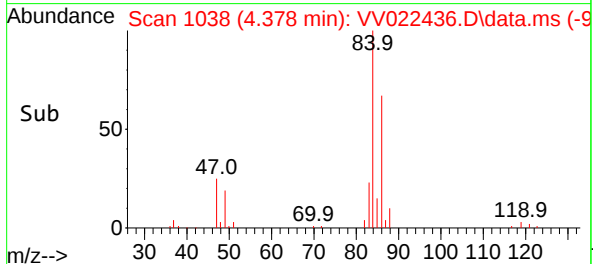
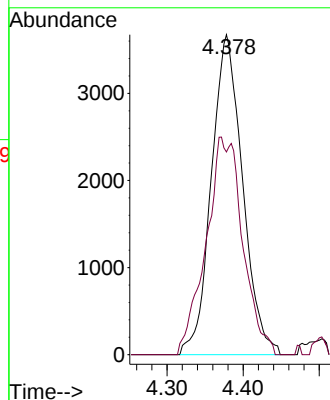
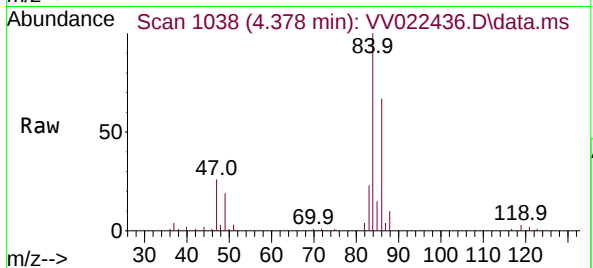
Acq: 30 Sep 2021 16:54

Tgt Ion: 83 Resp: 10478

Ion Ratio Lower Upper

83 100

85 63.4 46.5 86.3



#39

cis-1,3-Dichloropropene

Concen: 1.094 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV022436.D

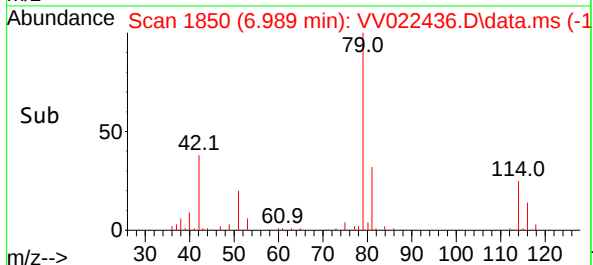
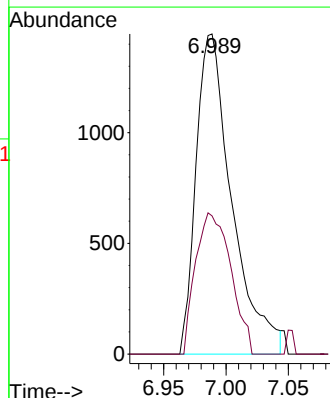
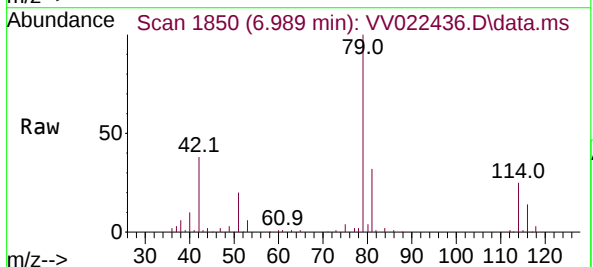
Acq: 30 Sep 2021 16:54

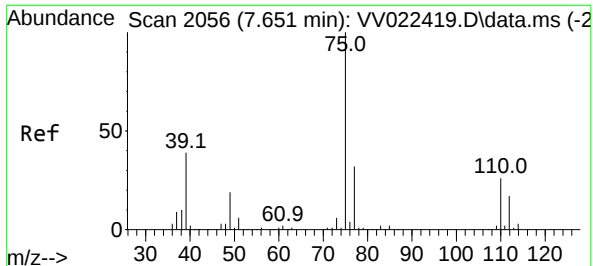
Tgt Ion: 75 Resp: 2882

Ion Ratio Lower Upper

75 100

77 43.2 22.7 42.1#

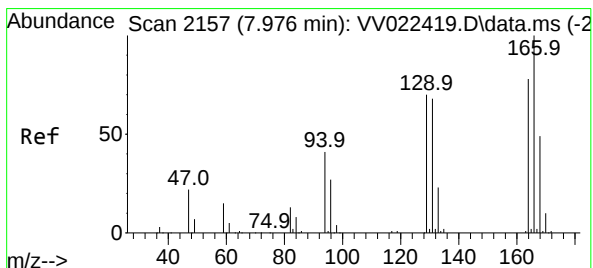
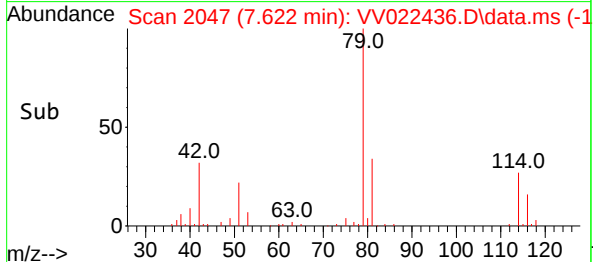
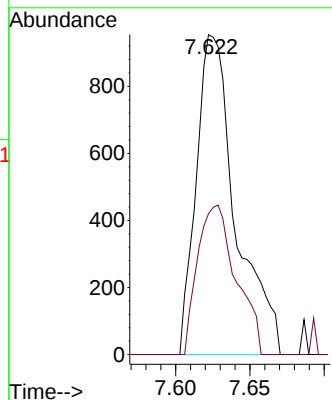
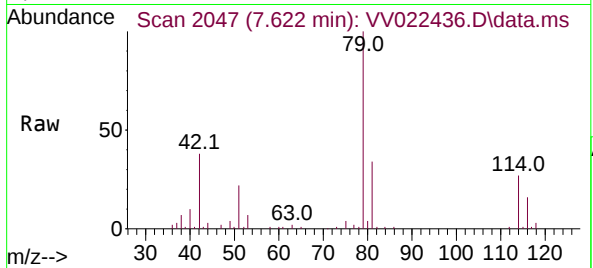




#44
trans-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.029 min
Lab File: VV022436.D
Acq: 30 Sep 2021 16:54

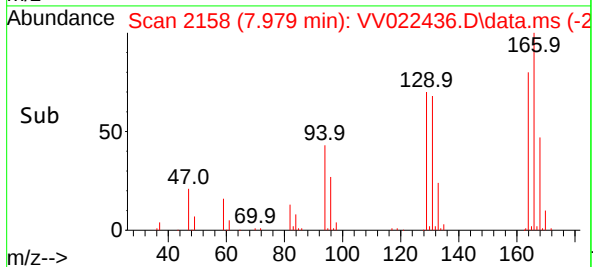
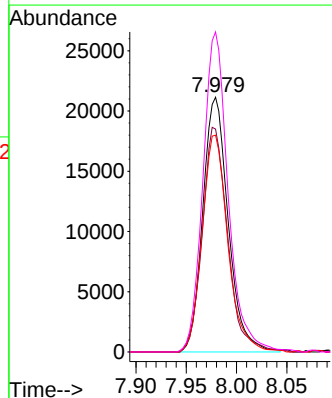
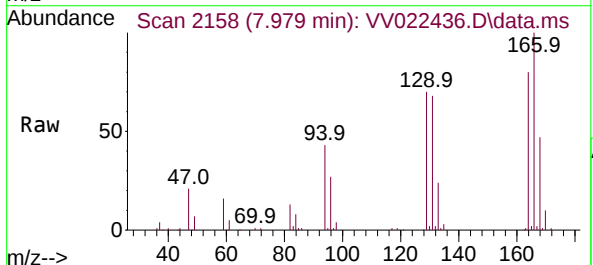
Instrument :
MSVOA_V
ClientSampled :
F4A04

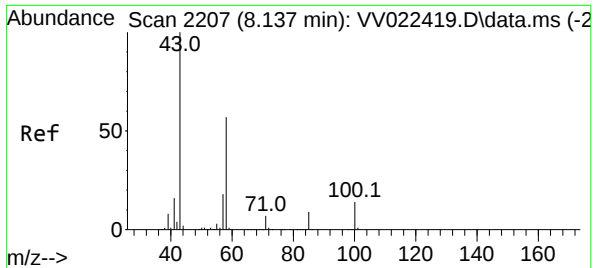
Tgt Ion: 75 Resp: 1763
Ion Ratio Lower Upper
75 100
77 44.0 22.3 41.3#



#46
Tetrachloroethene
Concen: 25.265 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022436.D
Acq: 30 Sep 2021 16:54

Tgt Ion:164 Resp: 37292
Ion Ratio Lower Upper
164 100
129 87.5 66.4 123.4
131 85.1 63.6 118.0
166 125.7 91.6 170.0

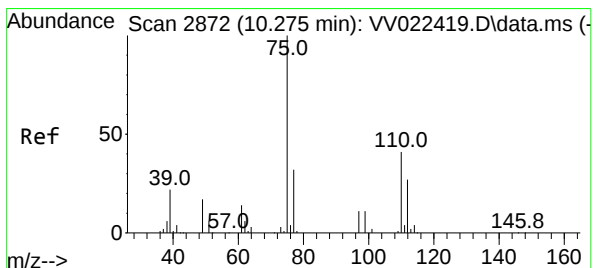
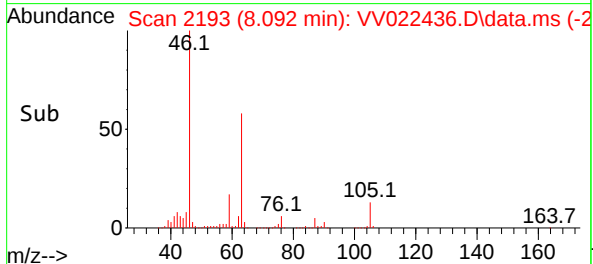
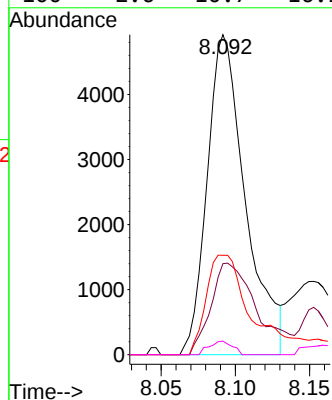
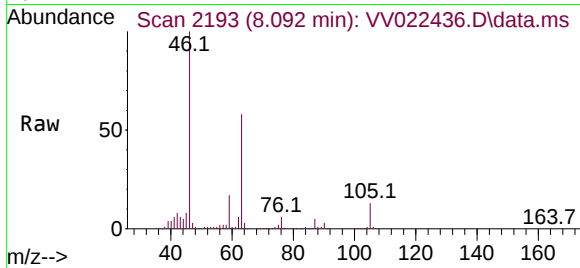




#48
2-Hexanone
Concen: 4.611 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.045 min
Lab File: VV022436.D
Acq: 30 Sep 2021 16:54

Instrument :
MSVOA_V
ClientSampled :
F4A04

Tgt Ion: 43	Resp: 8816
Ion Ratio	Lower Upper
43 100	
58 34.9	45.4 68.2#
57 30.4	15.0 22.4#
100 2.6	10.7 16.1#



#61
1,2,3-Trichloropropane
Concen: 5.892 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022436.D
Acq: 30 Sep 2021 16:54

Tgt Ion: 75	Resp: 10880
Ion Ratio	Lower Upper
75 100	
77 31.1	25.4 38.0
110 2.8	32.6 48.8#

