

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
 Data File : VV021866.D
 Acq On : 18 Aug 2021 15:28
 Operator : SY/MD
 Sample : M3448-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

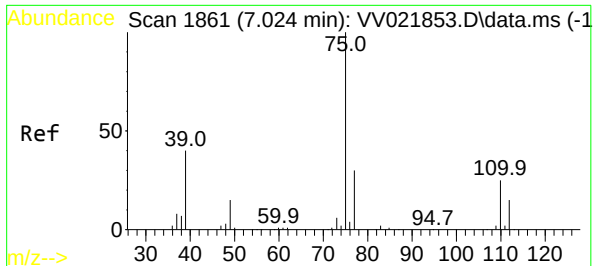
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 01:17:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 19 01:14:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	415924	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	389100	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	195198	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113238	34.826	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.660%
7) Chloroethane-d5	1.558	69	98245	40.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.080%
11) 1,1-Dichloroethene-d2	2.105	63	149135	28.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.620%#
21) 2-Butanone-d5	3.876	46	202467	100.119	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.120%
24) Chloroform-d	4.352	84	233758	41.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.980%
26) 1,2-Dichloroethane-d4	5.034	65	144703	44.656	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.320%
32) Benzene-d6	5.053	84	463649	41.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.880%
36) 1,2-Dichloropropane-d6	6.072	67	153504	44.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.100%
41) Toluene-d8	7.317	98	395454	38.238	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.480%#
43) trans-1,3-Dichloroprop...	7.625	79	63895	37.260	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.520%
47) 2-Hexanone-d5	8.088	63	123318	107.983	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	225417	52.205	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	184605	45.698	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	6.989	75	3772	0.786	ug/L #	68
48) 2-Hexanone	8.088	43	14292	4.424	ug/L #	73
52) Ethylbenzene	9.021	91	10325	0.757	ug/L	97
61) 1,2,3-Trichloropropane	11.249	75	21330	5.913	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.921	105	7622	0.683	ug/L	95
71) Naphthalene	13.509	128	6762	0.604	ug/L	95

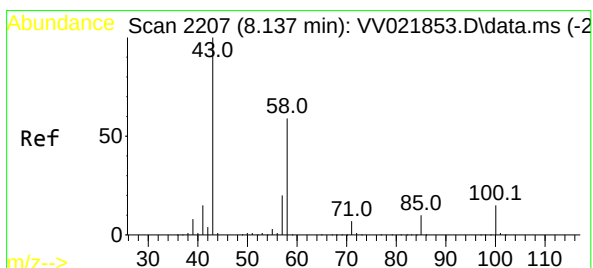
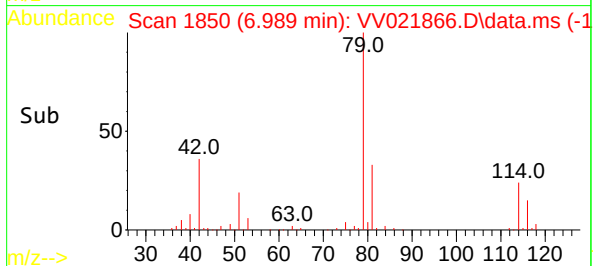
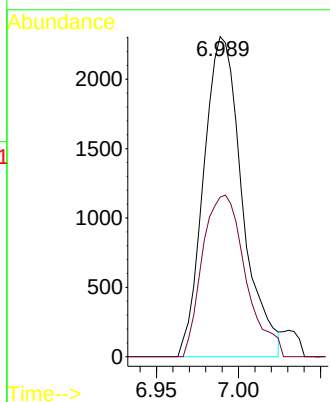
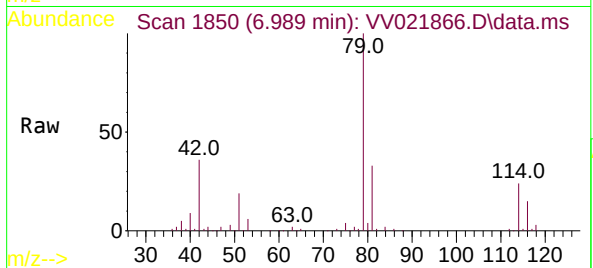
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#39
cis-1,3-Dichloropropene
Concen: 0.786 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.035 min
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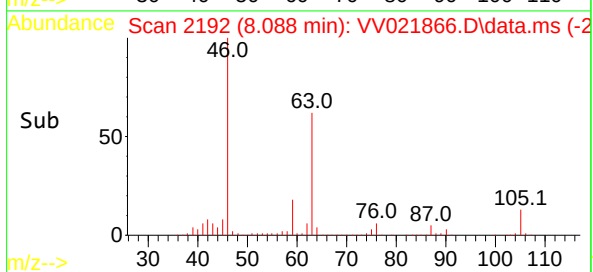
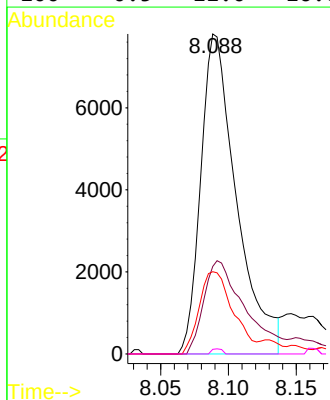
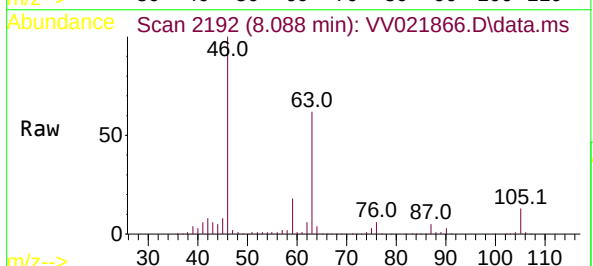
Instrument :
MSVOA_V
ClientSampled :

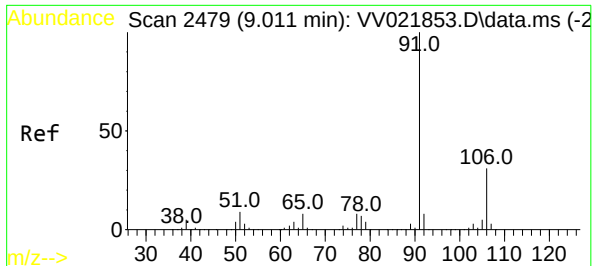
Tgt Ion: 75 Resp: 3772
Ion Ratio Lower Upper
75 100
77 49.8 22.5 41.9#



#48
2-Hexanone
Concen: 4.424 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV021866.D
Acq: 18 Aug 2021 15:28

Tgt Ion: 43 Resp: 14292
Ion Ratio Lower Upper
43 100
58 33.9 45.4 68.2#
57 24.5 15.3 22.9#
100 0.5 11.0 16.6#

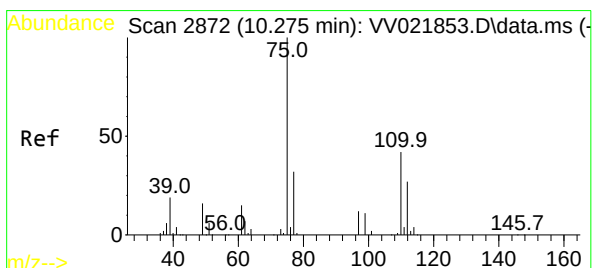
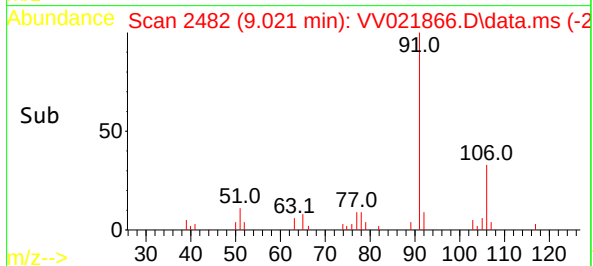
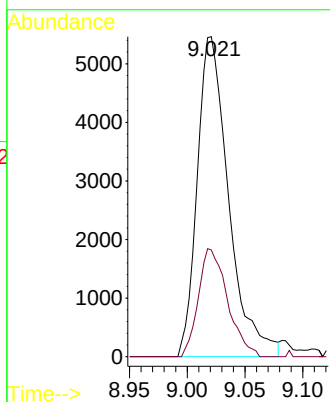
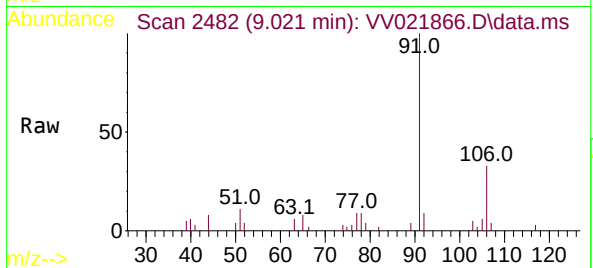




#52
Ethylbenzene
Concen: 0.757 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.010 min
Lab File: VV021866.D
Acq: 18 Aug 2021 15:28

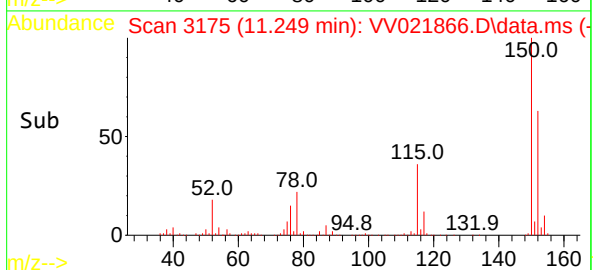
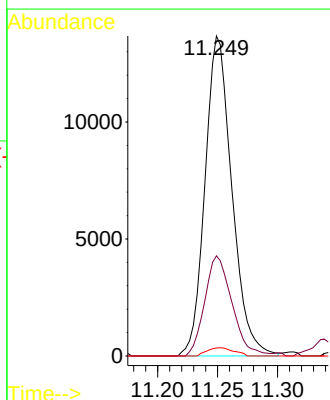
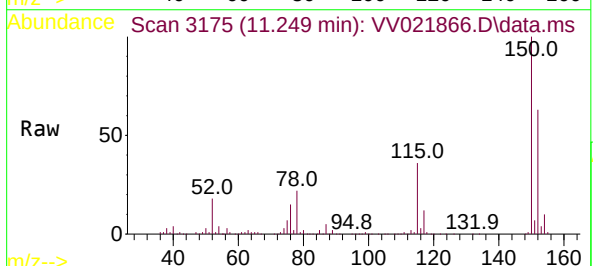
Instrument :
MSVOA_V
ClientSampled :

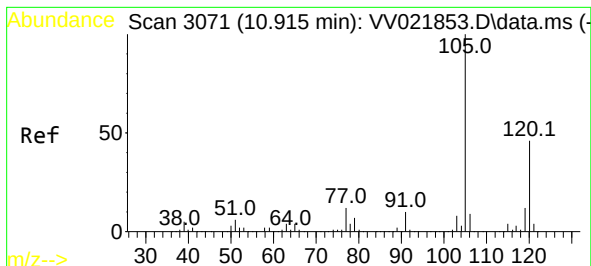
Tgt Ion: 91 Resp: 10325
Ion Ratio Lower Upper
91 100
106 33.3 22.2 41.2



#61
1,2,3-Trichloropropane
Concen: 5.913 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV021866.D
Acq: 18 Aug 2021 15:28

Tgt Ion: 75 Resp: 21330
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
110 2.6 33.4 50.2#

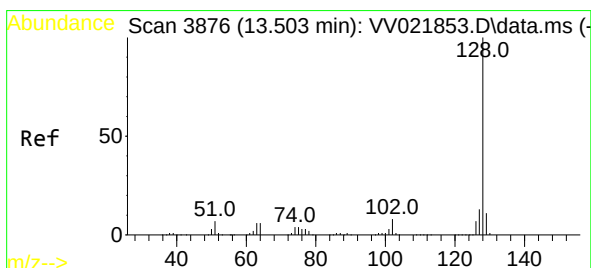
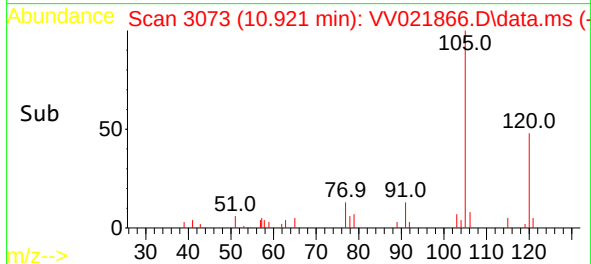
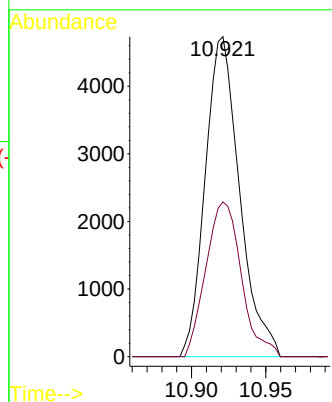
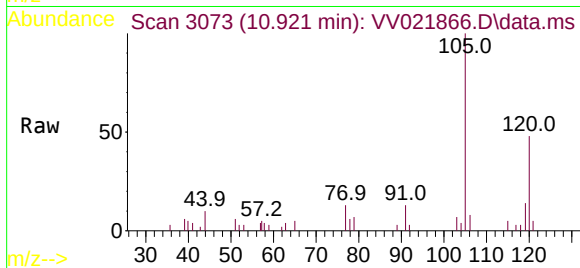




#63
1,2,4-Trimethylbenzene
Concen: 0.683 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.007 min
Lab File: VV021866.D
Acq: 18 Aug 2021 15:28

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 7622
Ion Ratio Lower Upper
105 100
120 49.9 37.3 55.9



#71
Naphthalene
Concen: 0.604 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.007 min
Lab File: VV021866.D
Acq: 18 Aug 2021 15:28

Tgt Ion:128 Resp: 6762
Ion Ratio Lower Upper
128 100
127 10.3 10.0 15.0
129 12.2 8.5 12.7

