

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083021\
 Data File : VV022013.D
 Acq On : 30 Aug 2021 19:04
 Operator : SY/MD
 Sample : M3566-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:40:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 31 02:34:28 2021
 Response via : Initial Calibration

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

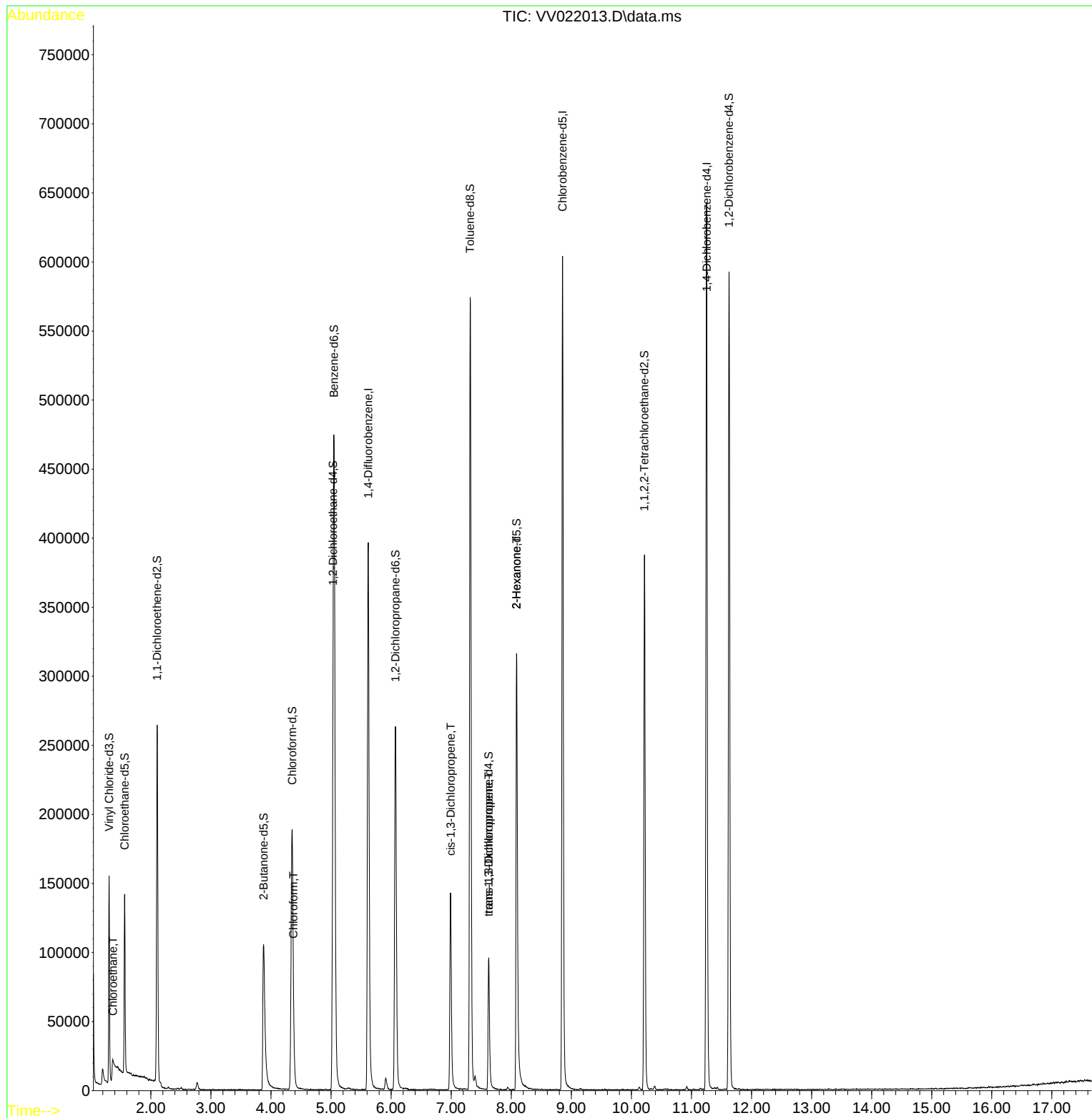
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	359591	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	345132	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	175216	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	92859	37.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.564	69	83567	42.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.940%
11) 1,1-Dichloroethene-d2	2.105	63	131023	31.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.620%
21) 2-Butanone-d5	3.876	46	167177	97.889	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.890%
24) Chloroform-d	4.352	84	197618	43.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.040%
26) 1,2-Dichloroethane-d4	5.034	65	127277	47.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
32) Benzene-d6	5.050	84	427361	45.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
36) 1,2-Dichloropropane-d6	6.072	67	136307	46.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	7.317	98	392066	44.368	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.740%
43) trans-1,3-Dichloroprop...	7.625	79	56592	40.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.780%
47) 2-Hexanone-d5	8.088	63	110825	98.111	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.110%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	189771	50.332	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.660%
66) 1,2-Dichlorobenzene-d4	11.625	152	163554	47.482	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
Target Compounds						Qvalue
8) Chloroethane	1.368	64	25489	15.445	ug/L #	50
25) Chloroform	4.375	83	8283	1.752	ug/L	90
39) cis-1,3-Dichloropropene	6.992	75	3502	0.871	ug/L #	63
44) trans-1,3-Dichloropropene	7.622	75	2234	0.597	ug/L	95
48) 2-Hexanone	8.088	43	12272	4.482	ug/L #	70

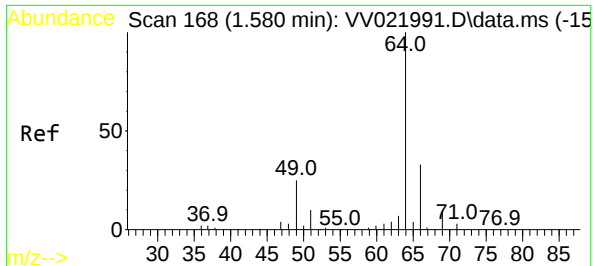
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 31 02:34:28 2021
Response via : Initial Calibration

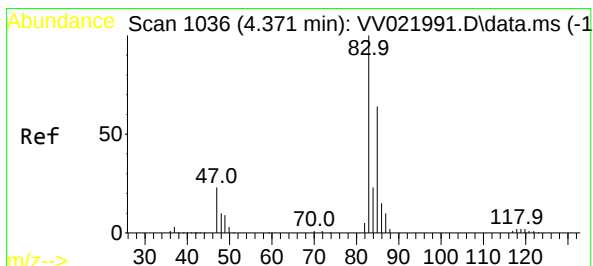
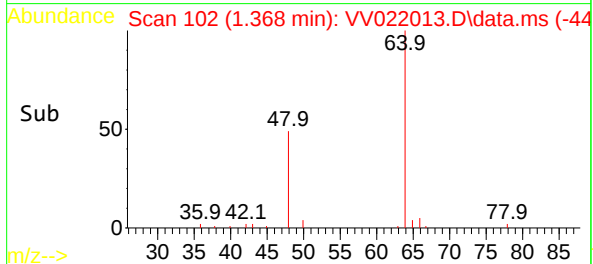
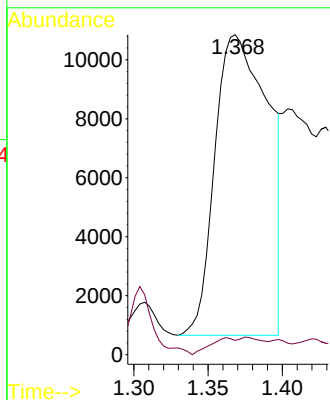
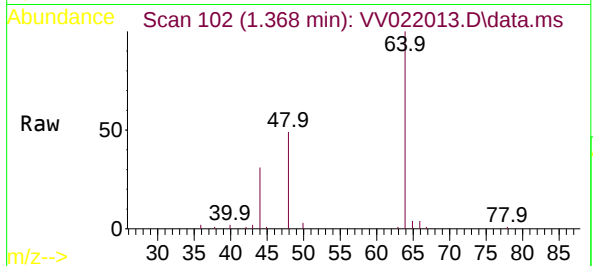




#8
Chloroethane
Concen: 15.445 ug/L
RT: 1.368 min Scan# 102
Delta R.T. -0.212 min
Lab File: VV022013.D
Acq: 30 Aug 2021 19:04

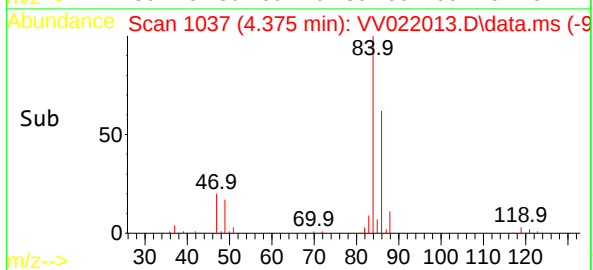
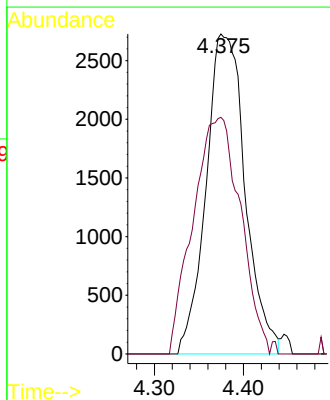
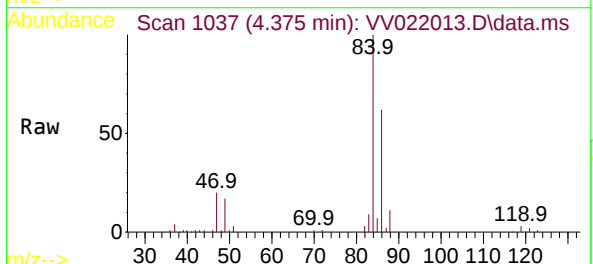
Instrument :
MSVOA_V
ClientSampled :

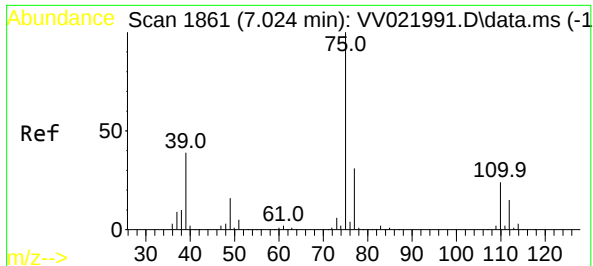
Tgt Ion: 64 Resp: 25489
Ion Ratio Lower Upper
64 100
66 4.4 22.7 42.3#



#25
Chloroform
Concen: 1.752 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022013.D
Acq: 30 Aug 2021 19:04

Tgt Ion: 83 Resp: 8283
Ion Ratio Lower Upper
83 100
85 74.0 46.3 85.9

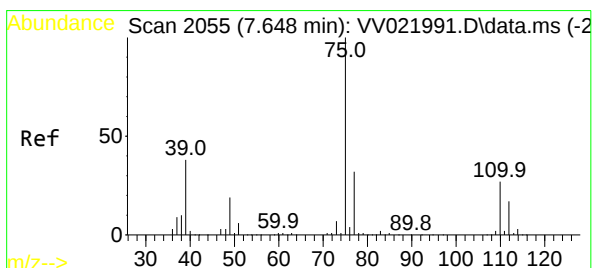
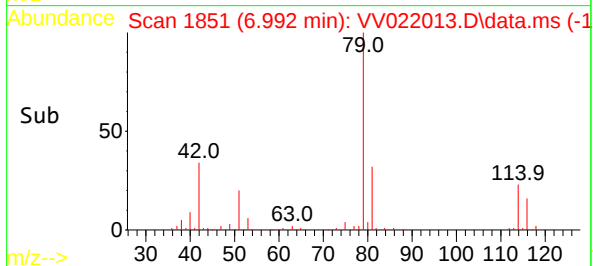
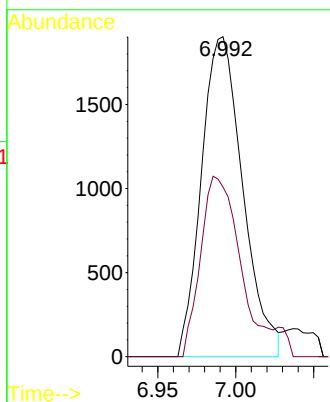
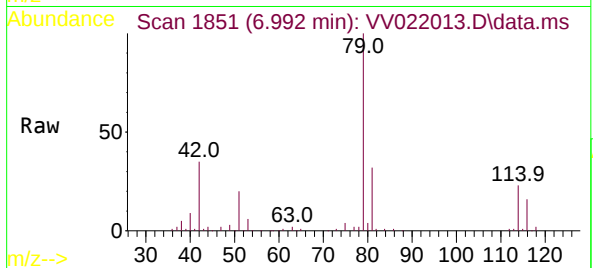




#39
cis-1,3-Dichloropropene
Concen: 0.871 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.032 min
Lab File: VV022013.D
Acq: 30 Aug 2021 19:04

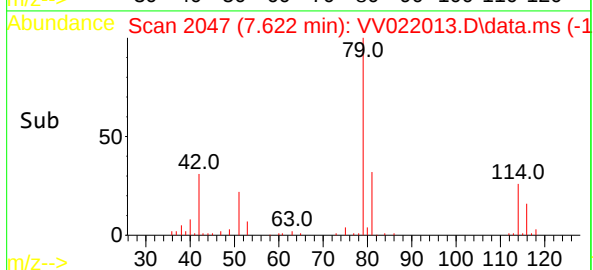
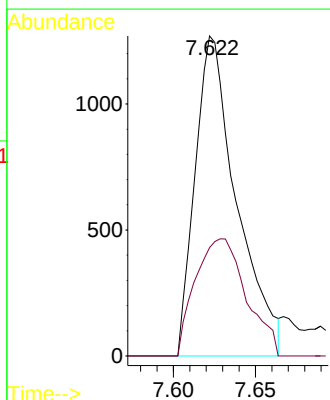
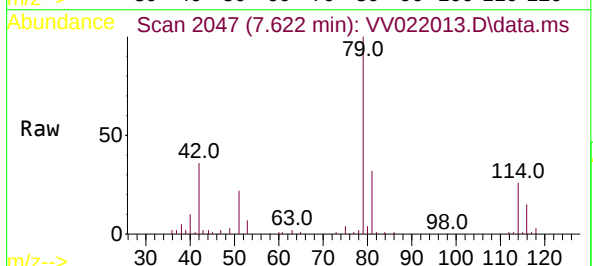
Instrument :
MSVOA_V
ClientSampled :

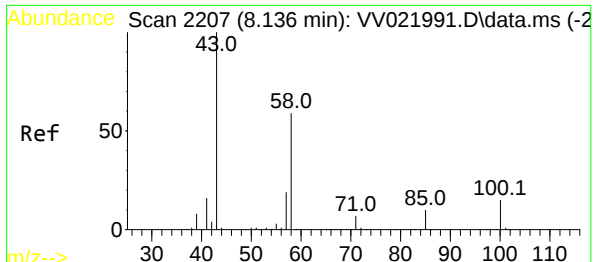
Tgt Ion: 75 Resp: 3502
Ion Ratio Lower Upper
75 100
77 53.0 22.7 42.1#



#44
trans-1,3-Dichloropropene
Concen: 0.597 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV022013.D
Acq: 30 Aug 2021 19:04

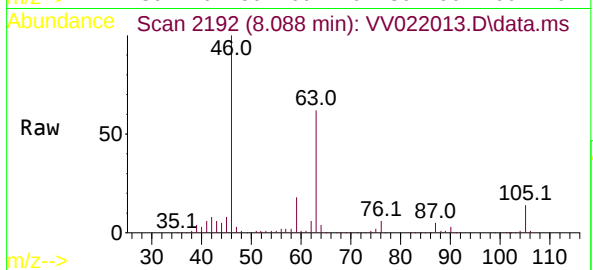
Tgt Ion: 75 Resp: 2234
Ion Ratio Lower Upper
75 100
77 33.9 21.8 40.6





#48
2-Hexanone
Concen: 4.482 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.048 min
Lab File: VV022013.D
Acq: 30 Aug 2021 19:04

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 12272
Ion Ratio	Lower Upper
43 100	
58 34.6	47.5 71.3#
57 29.1	15.9 23.9#
100 0.6	11.4 17.2#

