

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042121\
 Data File : VW021075.D
 Acq On : 21 Apr 2021 14:03
 Operator : SY/MD
 Sample : M2067-16 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 22 06:41:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 22 06:32:19 2021
 Response via : Initial Calibration

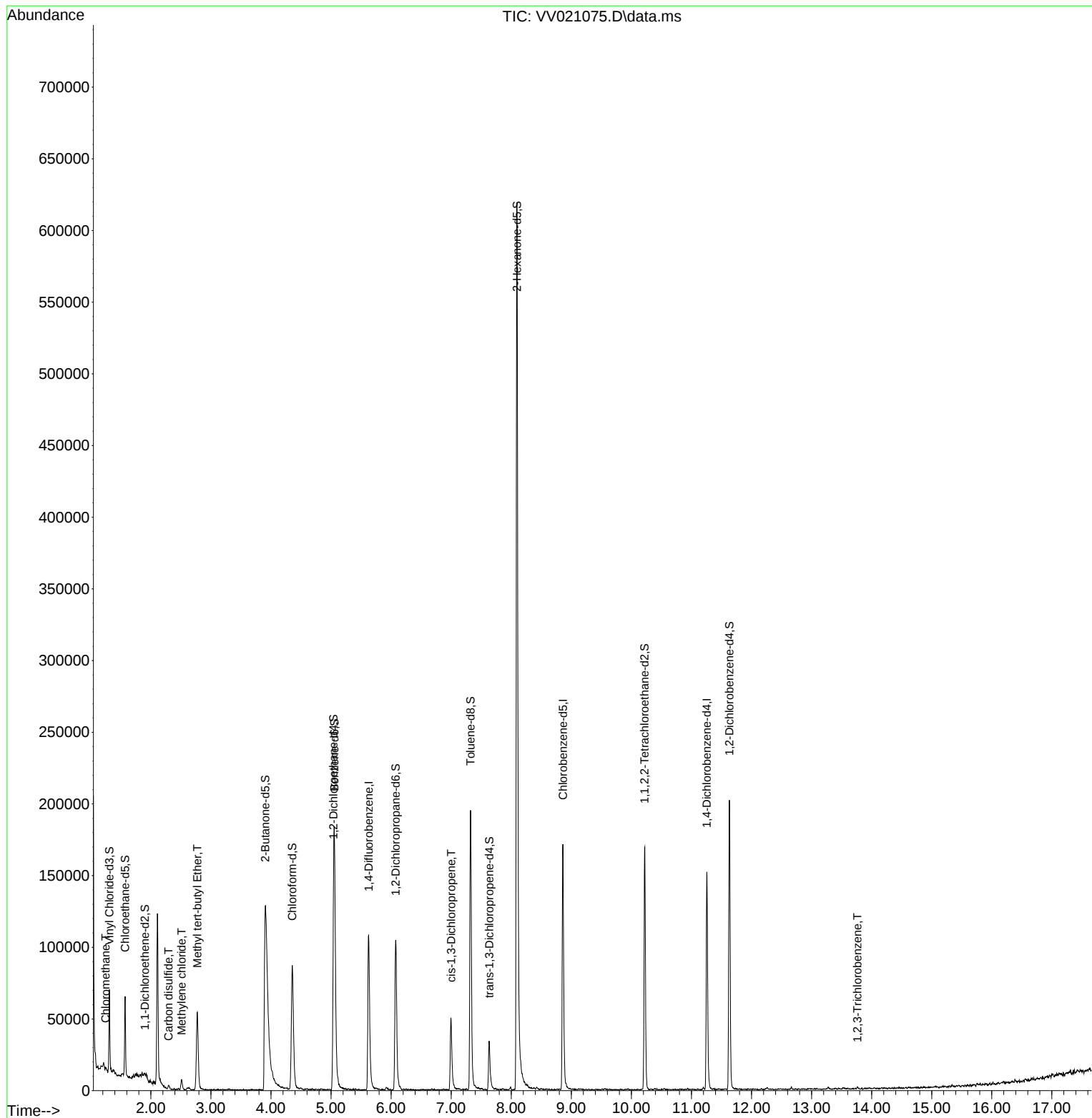
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	101089	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	97555	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	43004	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	34988	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.24%
7) Chloroethane-d5	1.571	69	33724	55.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.38%
11) 1,1-Dichloroethene-d2	1.902	63	84	0.05	ug/L	-0.21
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.10%#
21) 2-Butanone-d5	3.905	46	281081	692.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	692.96%#
24) Chloroform-d	4.355	84	89069	60.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.30%
26) 1,2-Dichloroethane-d4	5.040	65	60788	64.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.16%#
32) Benzene-d6	5.056	84	158019	60.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.64%
36) 1,2-Dichloropropane-d6	6.079	67	50230	64.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.54%#
41) Toluene-d8	7.323	98	135709	53.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.94%
43) trans-1,3-Dichloroprop...	7.635	79	22543	53.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.38%
47) 2-Hexanone-d5	8.095	63	222300	722.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	722.72%#
56) 1,1,2,2-Tetrachloroeth...	10.220	84	73505	62.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	125.68%#
66) 1,2-Dichlorobenzene-d4	11.632	152	54567	64.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.48%#
Target Compounds						
3) Chloromethane	1.246	50	826	0.94	ug/L	94
14) Carbon disulfide	2.294	76	3012	1.52	ug/L	98
16) Methylene chloride	2.513	84	3365	4.47	ug/L	89
18) Methyl tert-butyl Ether	2.773	73	57442	26.99	ug/L	99
39) cis-1,3-Dichloropropene	7.002	75	1069	0.98	ug/L	93
72) 1,2,3-Trichlorobenzene	13.763	180	486	0.58	ug/L #	75

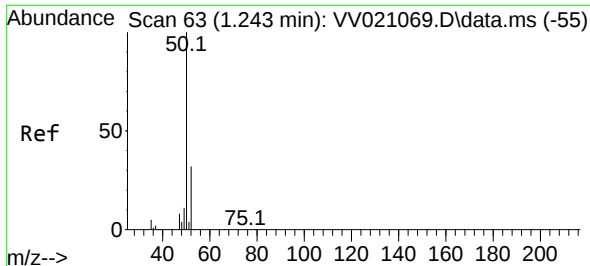
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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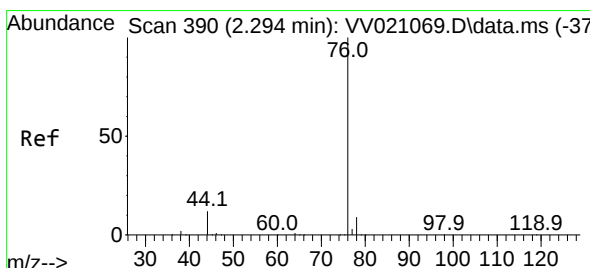
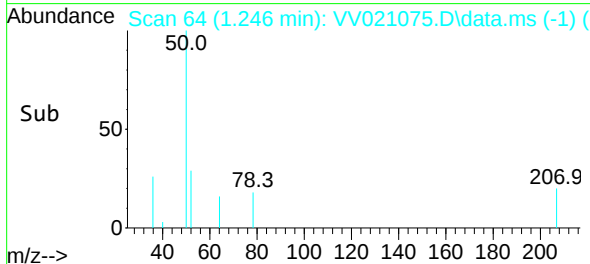
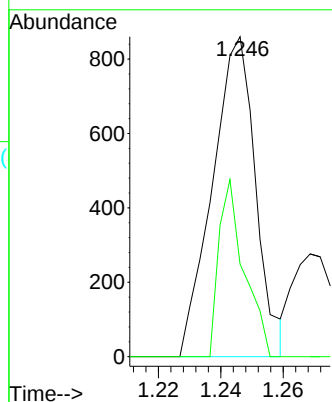
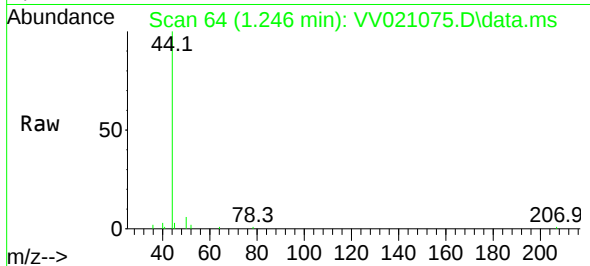




#3
Chloromethane
Concen: 0.94 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV021075.D
Acq: 21 Apr 2021 14:03

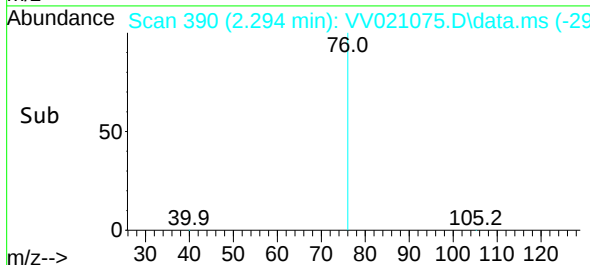
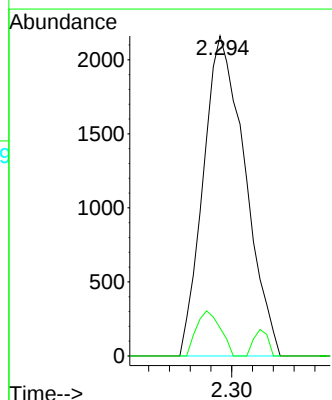
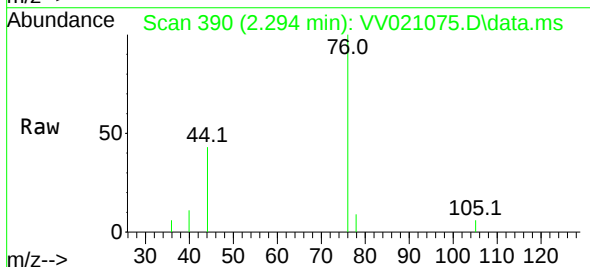
Instrument :
MSVOA_V
ClientSampled :

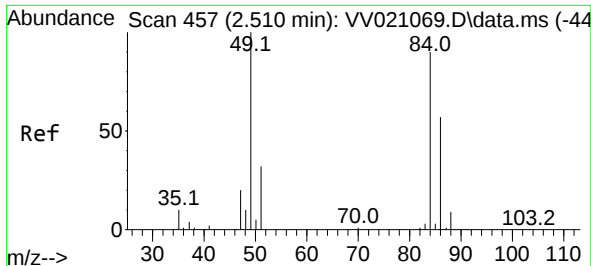
Tgt Ion: 50 Resp: 826
Ion Ratio Lower Upper
50 100
52 29.0 22.7 42.1



#14
Carbon disulfide
Concen: 1.52 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV021075.D
Acq: 21 Apr 2021 14:03

Tgt Ion: 76 Resp: 3012
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

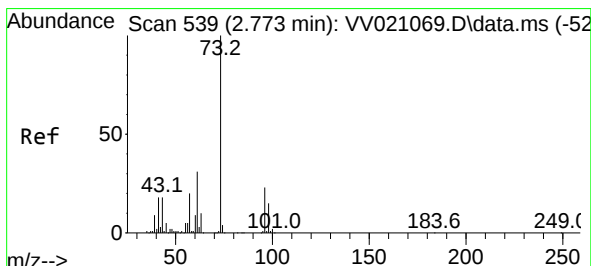
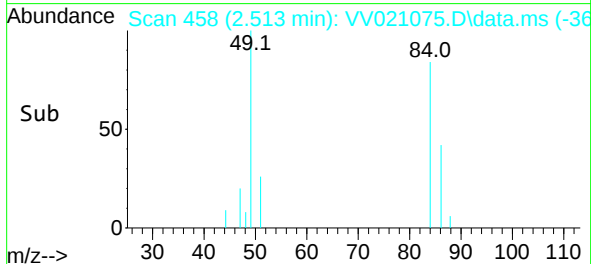
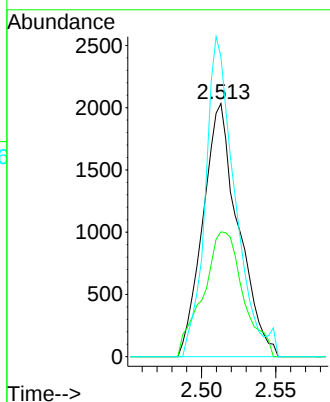
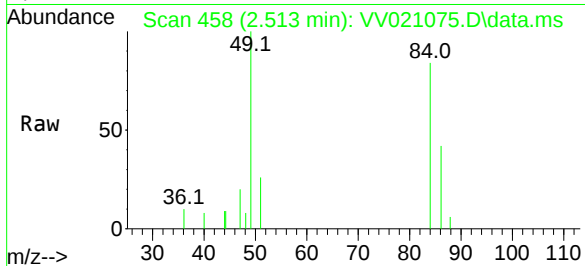




#16
Methylene chloride
Concen: 4.47 ug/L
RT: 2.513 min Scan# 458
Delta R.T. 0.003 min
Lab File: VV021075.D
Acq: 21 Apr 2021 14:03

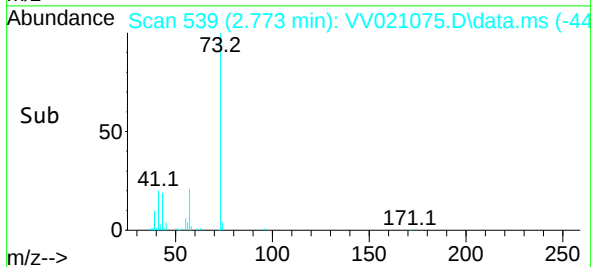
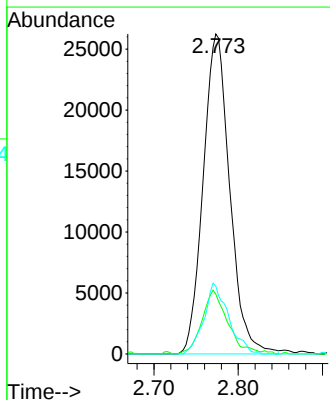
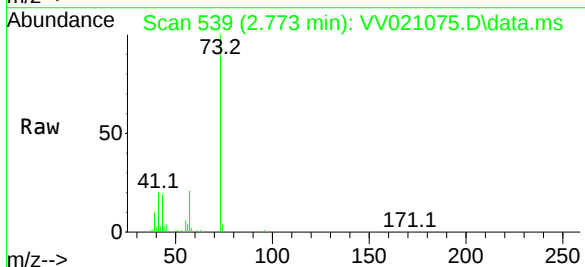
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MSVOA_V
ClientSampleId :

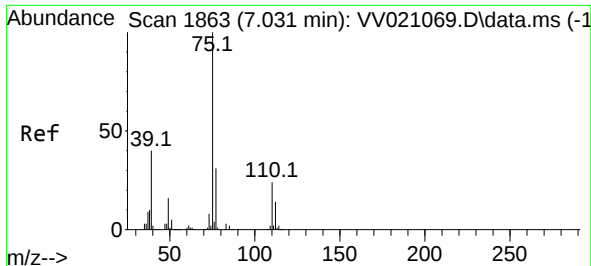
Tgt Ion: 84 Resp: 3365
Ion Ratio Lower Upper
84 100
86 49.3 44.9 83.5
49 118.5 78.1 145.1



#18
Methyl tert-butyl Ether
Concen: 26.99 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV021075.D
Acq: 21 Apr 2021 14:03

Tgt Ion: 73 Resp: 57442
Ion Ratio Lower Upper
73 100
43 18.3 14.7 22.1
57 20.4 15.9 23.9

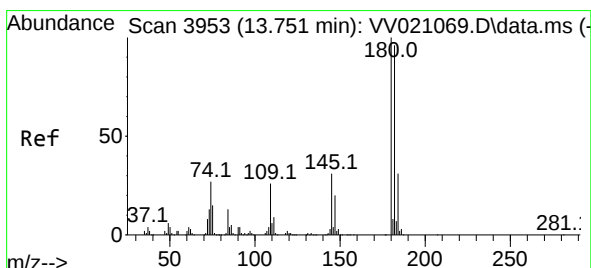
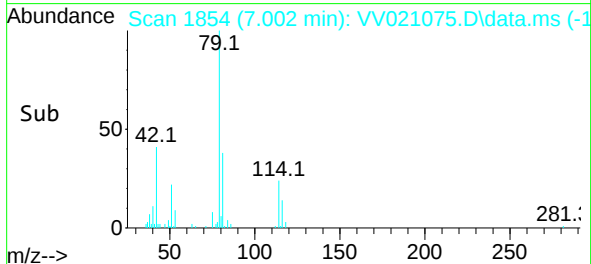
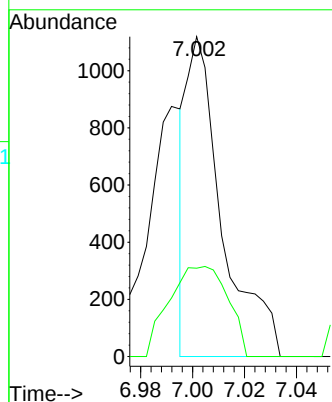
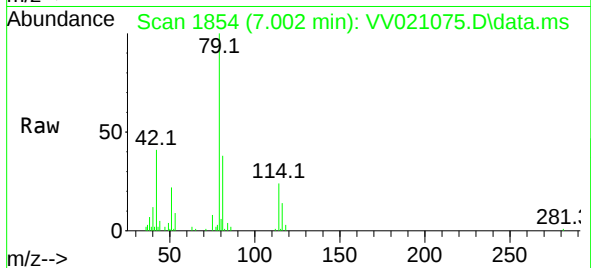




#39
cis-1,3-Dichloropropene
Concen: 0.98 ug/L
RT: 7.002 min Scan# 1854
Delta R.T. -0.029 min
Lab File: VV021075.D
Acq: 21 Apr 2021 14:03

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 75 Resp: 1069
Ion Ratio Lower Upper
75 100
77 27.6 21.8 40.6



#72
1,2,3-Trichlorobenzene
Concen: 0.58 ug/L
RT: 13.763 min Scan# 3957
Delta R.T. 0.013 min
Lab File: VV021075.D
Acq: 21 Apr 2021 14:03

Tgt Ion: 180 Resp: 486
Ion Ratio Lower Upper
180 100
182 74.9 75.9 113.9#
145 11.1 25.0 37.6#

