

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050523\
 Data File : VU054070.D
 Acq On : 05 May 2023 11:24
 Operator : JC/MD
 Sample : VU0505WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK090

Quant Time: May 06 01:17:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 06 01:14:00 2023
 Response via : Initial Calibration

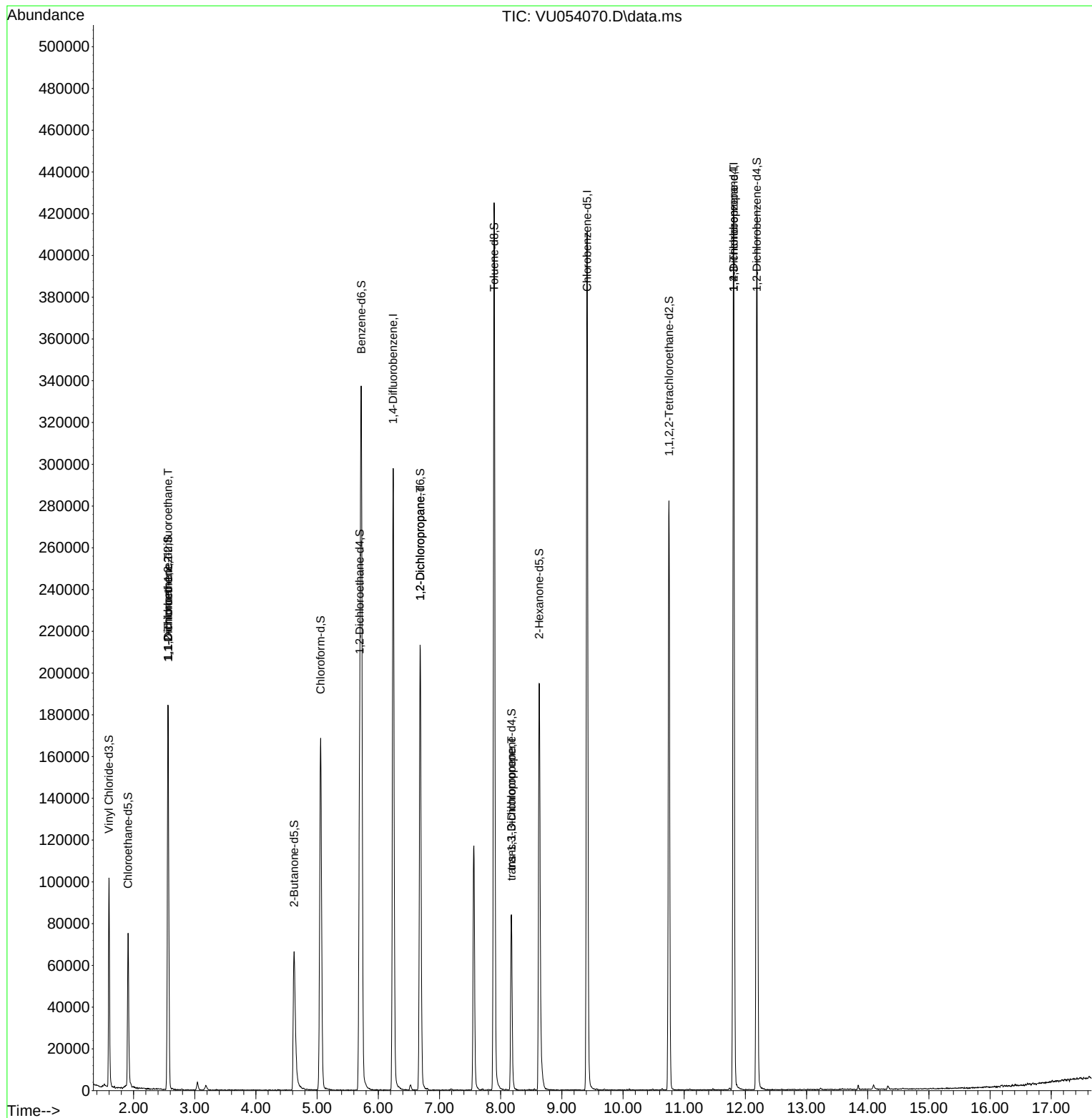
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	248561	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233316	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	117136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76288	40.581	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.160%
7) Chloroethane-d5	1.909	69	55292	44.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.620%
11) 1,1-Dichloroethene-d2	2.562	63	111902	33.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.120%
21) 2-Butanone-d5	4.623	46	104188	97.175	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.170%
24) Chloroform-d	5.057	84	160688	46.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.080%
26) 1,2-Dichloroethane-d4	5.697	65	105909	47.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.560%
32) Benzene-d6	5.723	84	318613	46.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
36) 1,2-Dichloropropane-d6	6.684	67	103613	47.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.580%
41) Toluene-d8	7.893	98	283156	45.668	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.340%
43) trans-1,3-Dichloroprop...	8.176	79	50433	47.005	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.020%
47) 2-Hexanone-d5	8.629	63	67697	87.178	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.180%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	137445	48.129	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.260%
66) 1,2-Dichlorobenzene-d4	12.189	152	114320	49.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1043	0.627	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	963	0.668	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	11232	5.846	ug/L #	87
44) trans-1,3-Dichloropropene	8.179	75	2277	0.797	ug/L	87
60) 1,2,3-Trichloropropane	11.809	75	12590	5.786	ug/L #	66

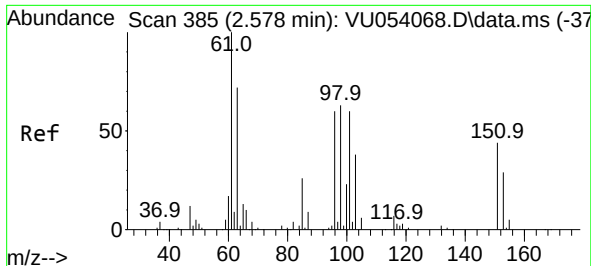
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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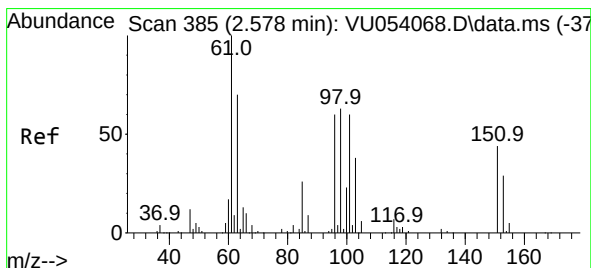
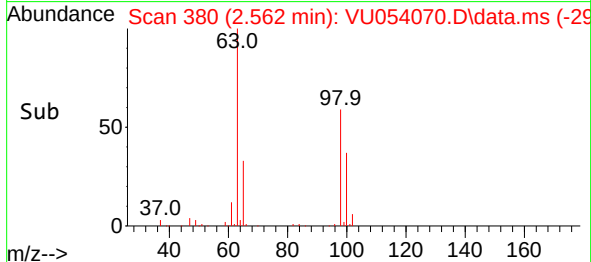
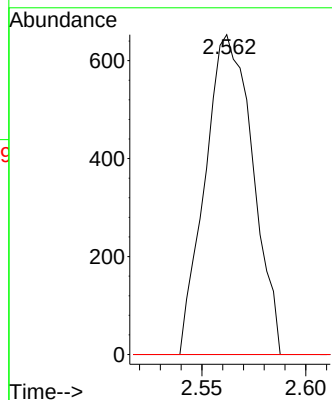
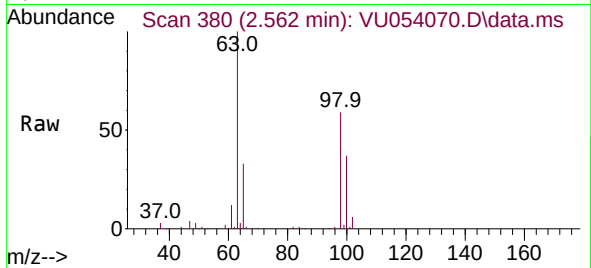




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.627 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU054070.D
Acq: 05 May 2023 11:24

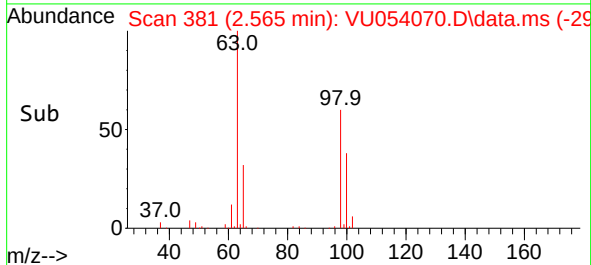
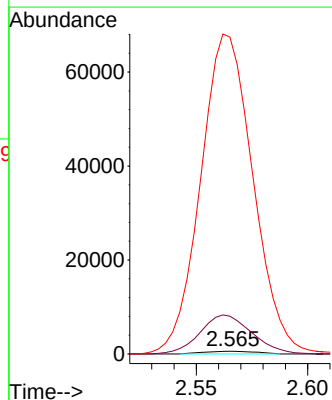
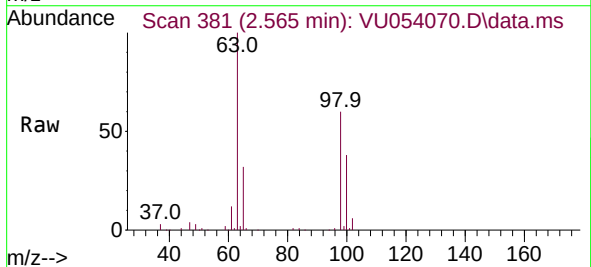
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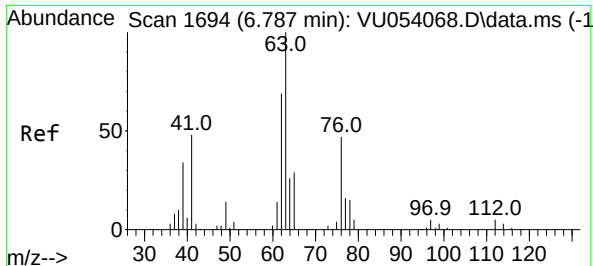
Tgt Ion:101 Resp: 1043
Ion Ratio Lower Upper
101 100
85 0.0 34.3 51.5#
151 0.0 60.3 90.5#



#12
1,1-Dichloroethene
Concen: 0.668 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU054070.D
Acq: 05 May 2023 11:24

Tgt Ion: 96 Resp: 963
Ion Ratio Lower Upper
96 100
61 1370.5 118.3 219.7#
63 11490.3 92.3 171.5#

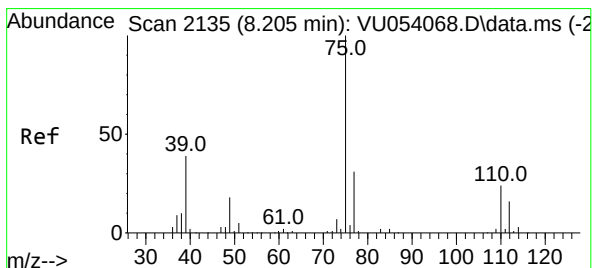
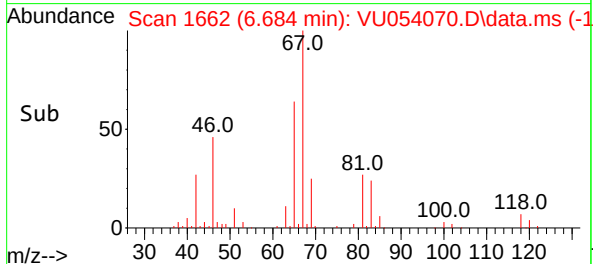
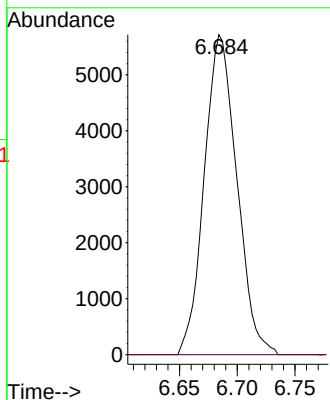
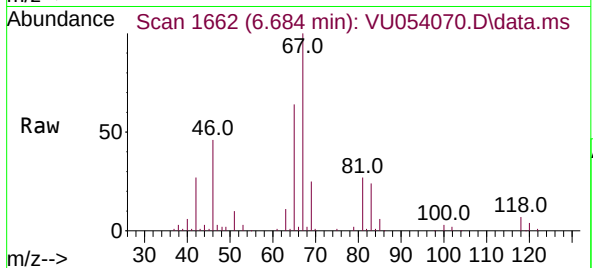




#37
1,2-Dichloropropane
Concen: 5.846 ug/L
RT: 6.684 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU054070.D
Acq: 05 May 2023 11:24

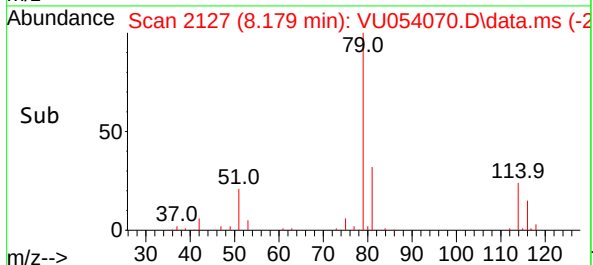
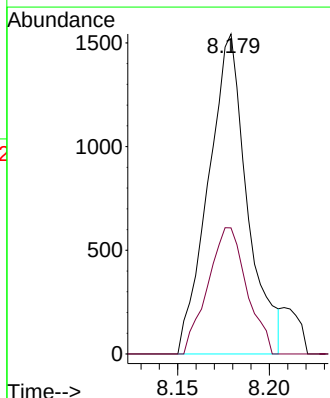
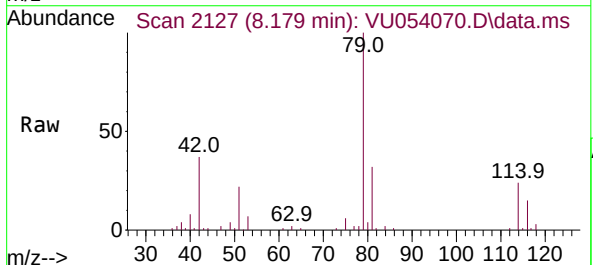
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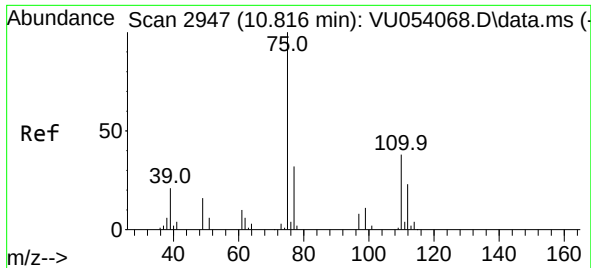
Tgt Ion: 63 Resp: 11232
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#44
trans-1,3-Dichloropropene
Concen: 0.797 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.026 min
Lab File: VU054070.D
Acq: 05 May 2023 11:24

Tgt Ion: 75 Resp: 2277
Ion Ratio Lower Upper
75 100
77 39.4 22.5 41.7





#60
 1,2,3-Trichloropropane
 Concen: 5.786 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU054070.D
 Acq: 05 May 2023 11:24

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK090

Tgt Ion: 75 Resp: 12590
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.0 39.0
 110 2.3 31.8 47.8#

