

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050457.D
 Acq On : 26 Aug 2022 15:13
 Operator : SY/MD
 Sample : N4365-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVZ4

Quant Time: Aug 27 02:47:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

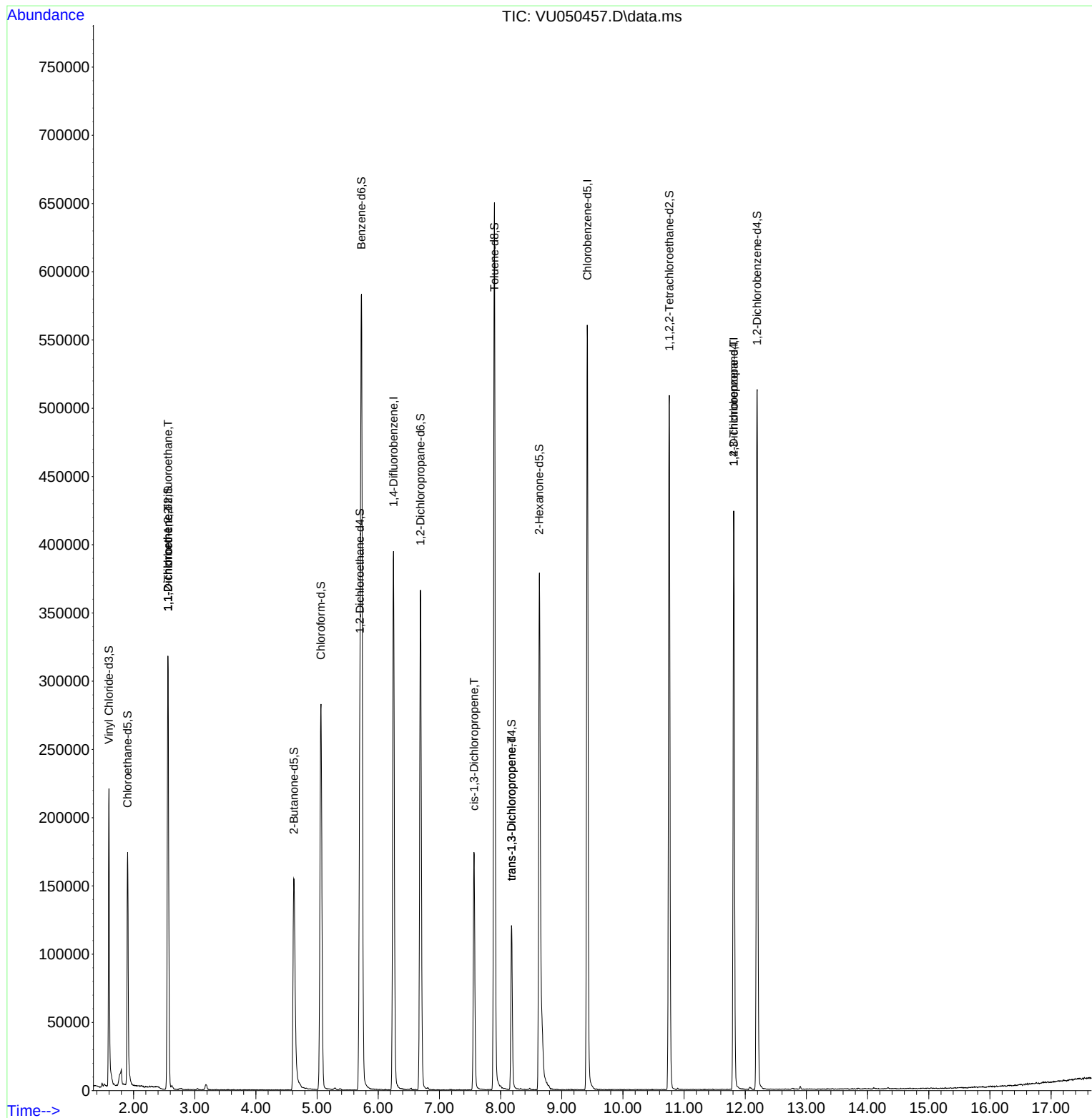
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	319630	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	320248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	167057	44.202	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.400%	
7) Chloroethane-d5	1.903	69	133609	47.776	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.560%	
11) 1,1-Dichloroethene-d2	2.562	63	188992	35.384	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.760%	
21) 2-Butanone-d5	4.620	46	229438	92.748	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	92.750%	
24) Chloroform-d	5.063	84	268427	44.244	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.480%	
26) 1,2-Dichloroethane-d4	5.700	65	172368	45.714	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.420%	
32) Benzene-d6	5.726	84	545701	46.117	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.240%	
36) 1,2-Dichloropropane-d6	6.690	67	179713	45.845	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.680%	
41) Toluene-d8	7.899	98	442475	42.734	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.460%	
43) trans-1,3-Dichloroprop...	8.179	79	68820	42.087	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.180%	
47) 2-Hexanone-d5	8.632	63	126031	86.634	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	86.630%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	265247	43.870	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	87.740%	
66) 1,2-Dichlorobenzene-d4	12.195	152	140191	50.683	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.360%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1492	0.673	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1244	0.634	ug/L #	1
39) cis-1,3-Dichloropropene	7.568	75	4294	1.161	ug/L #	53
44) trans-1,3-Dichloropropene	8.179	75	3002	0.871	ug/L	94
60) 1,2,3-Trichloropropane	11.812	75	14697	4.925	ug/L #	69

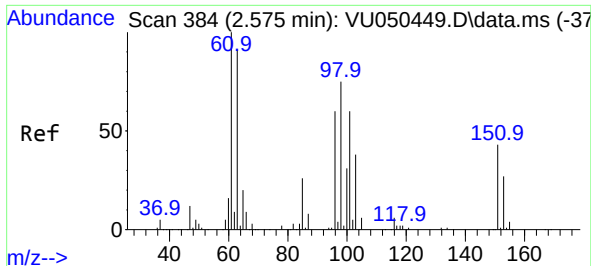
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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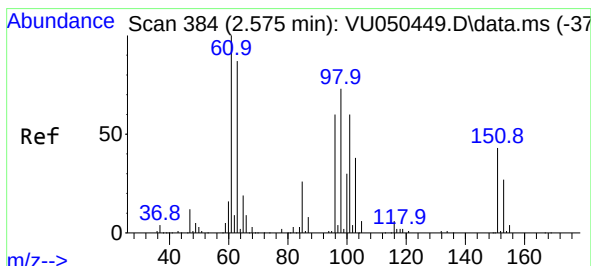
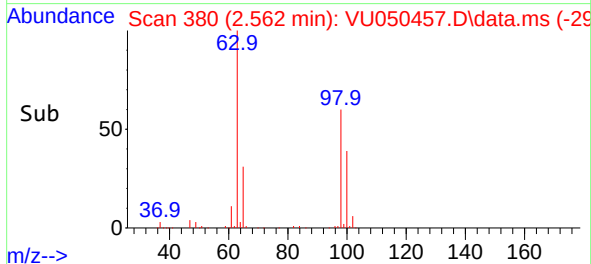
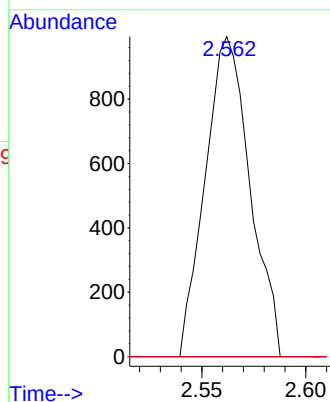
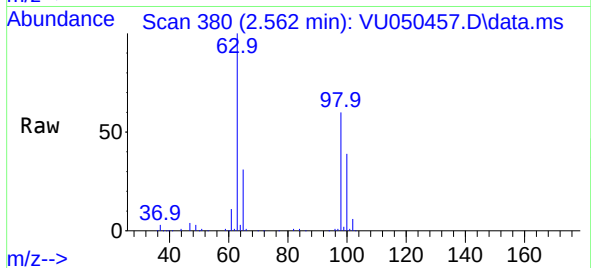




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.673 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050457.D
Acq: 26 Aug 2022 15:13

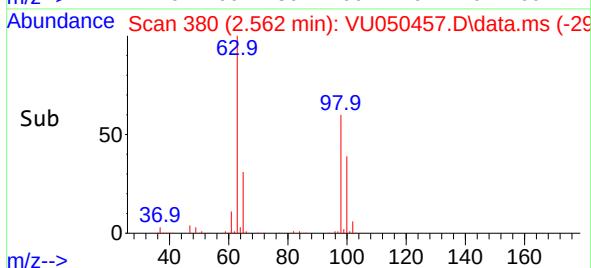
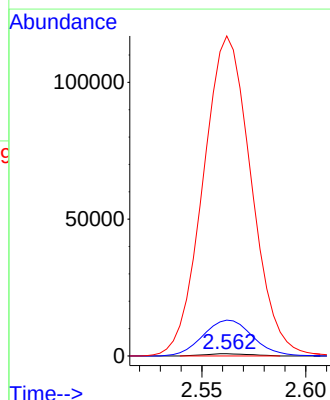
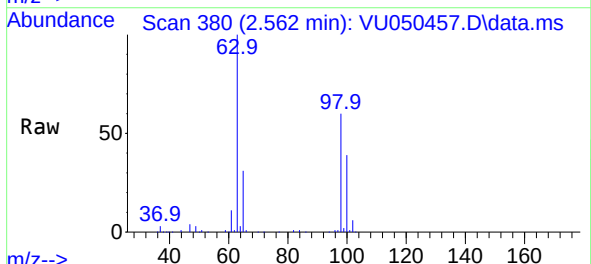
Instrument :
MSVOA_U
ClientSampleId :
DBVZ4

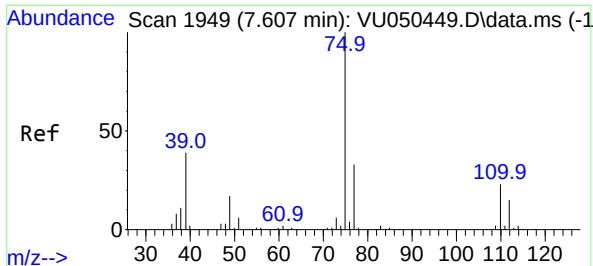
Tgt Ion:101 Resp: 1492
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.634 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050457.D
Acq: 26 Aug 2022 15:13

Tgt Ion: 96 Resp: 1244
Ion Ratio Lower Upper
96 100
61 1605.8 116.8 216.8#
63 14329.4 97.4 180.8#

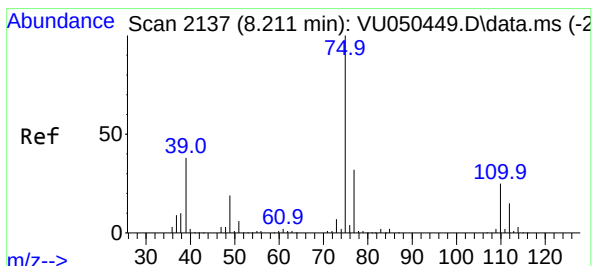
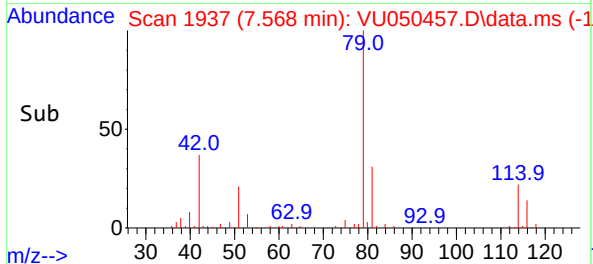
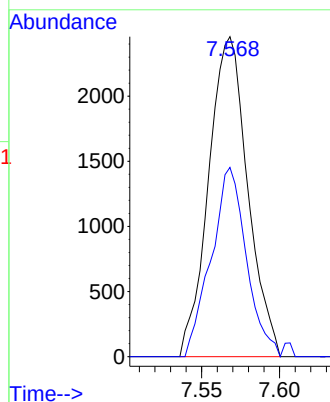
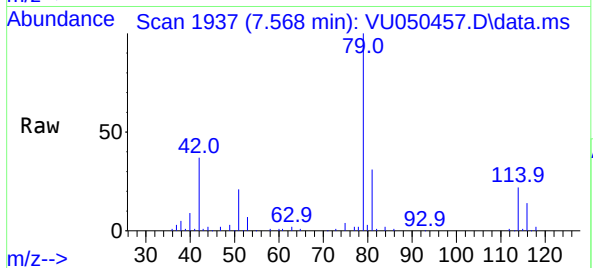




#39
cis-1,3-Dichloropropene
Concen: 1.161 ug/L
RT: 7.568 min Scan# 1949
Delta R.T. -0.039 min
Lab File: VU050457.D
Acq: 26 Aug 2022 15:13

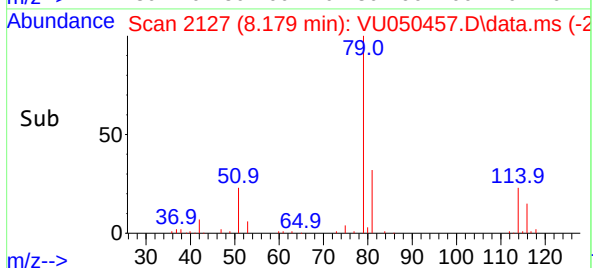
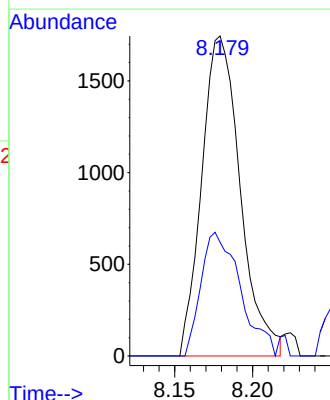
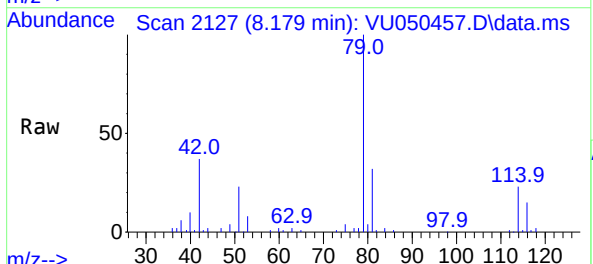
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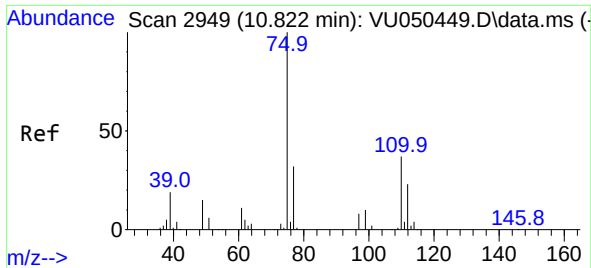
Tgt Ion: 75 Resp: 4294
Ion Ratio Lower Upper
75 100
77 59.1 22.8 42.4#



#44
trans-1,3-Dichloropropene
Concen: 0.871 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU050457.D
Acq: 26 Aug 2022 15:13

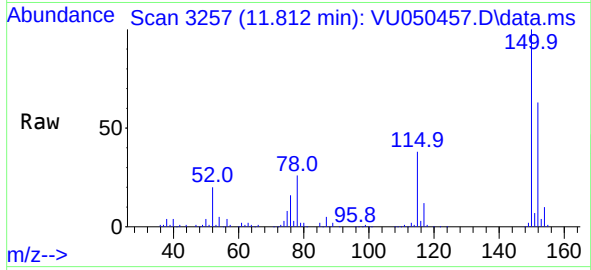
Tgt Ion: 75 Resp: 3002
Ion Ratio Lower Upper
75 100
77 35.6 22.5 41.7





#60
 1,2,3-Trichloropropane
 Concen: 4.925 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050457.D
 Acq: 26 Aug 2022 15:13

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVZ4



Tgt Ion: 75 Resp: 14697

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
110	1.8	29.0	43.4#

