

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051127.D
 Acq On : 05 Oct 2022 15:13
 Operator : JC/MD
 Sample : N4853-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 06 03:04:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

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

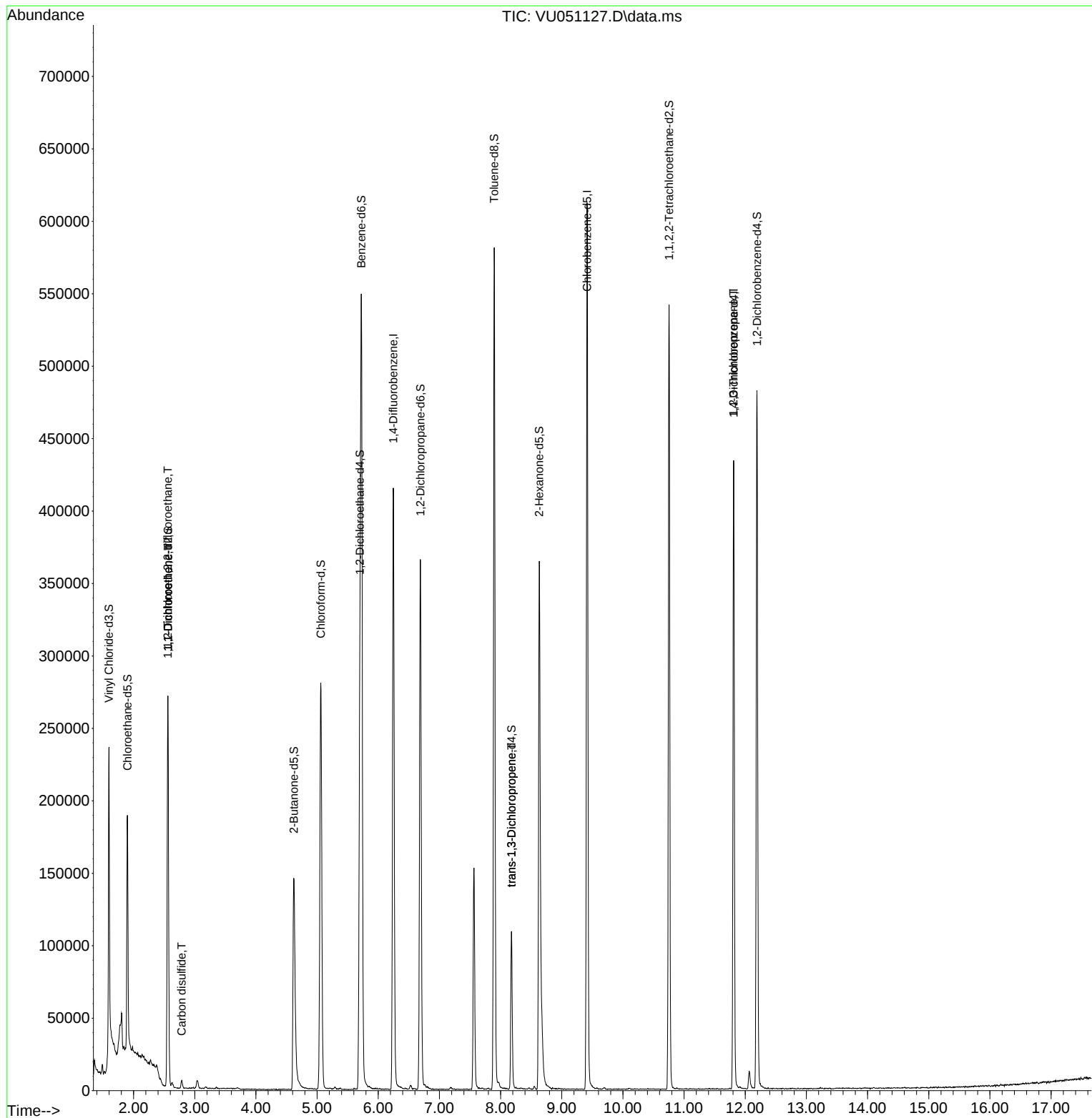
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	327812	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	340959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	116811	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	133738	40.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.520%
7) Chloroethane-d5	1.900	69	125442	40.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.300%
11) 1,1-Dichloroethene-d2	2.562	63	160288	32.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.320%
21) 2-Butanone-d5	4.620	46	208153	96.603	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	5.060	84	267341	49.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.900%
26) 1,2-Dichloroethane-d4	5.700	65	173416	52.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.680%
32) Benzene-d6	5.726	84	510832	51.162	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.320%
36) 1,2-Dichloropropane-d6	6.690	67	180609	55.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.500%
41) Toluene-d8	7.896	98	389428	42.215	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.420%
43) trans-1,3-Dichloroprop...	8.179	79	60639	39.240	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.480%
47) 2-Hexanone-d5	8.632	63	100153	76.557	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.560%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	274813	48.533	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.060%
66) 1,2-Dichlorobenzene-d4	12.192	152	128710	51.579	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.160%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1577	0.630	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1409	0.603	ug/L #	1
14) Carbon disulfide	2.787	76	6987	1.011	ug/L	97
44) trans-1,3-Dichloropropene	8.179	75	2760	0.689	ug/L	84
60) 1,2,3-Trichloropropane	11.809	75	14184	4.614	ug/L #	67

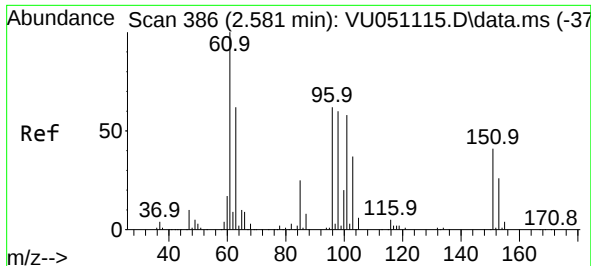
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 06 02:55:50 2022
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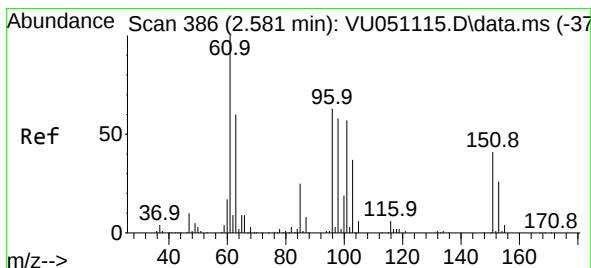
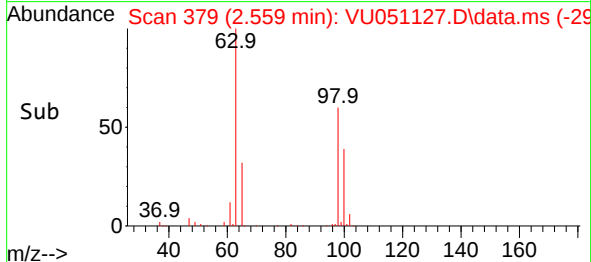
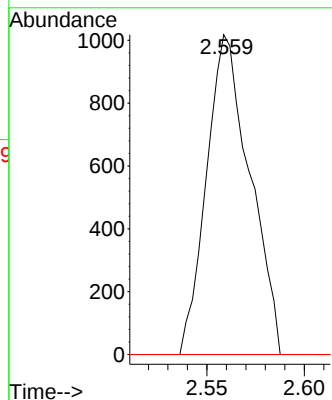
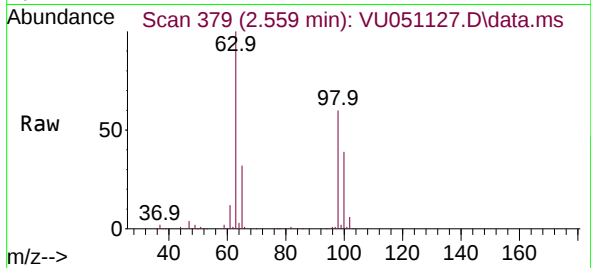




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.630 ug/L
 RT: 2.559 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: VU051127.D
 Acq: 05 Oct 2022 15:13

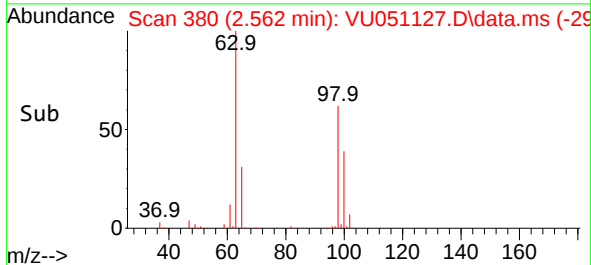
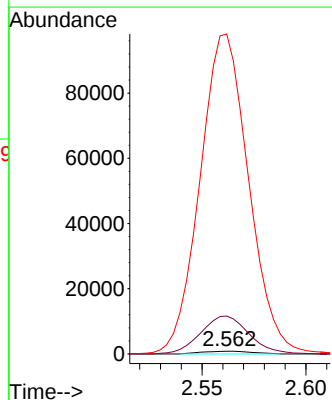
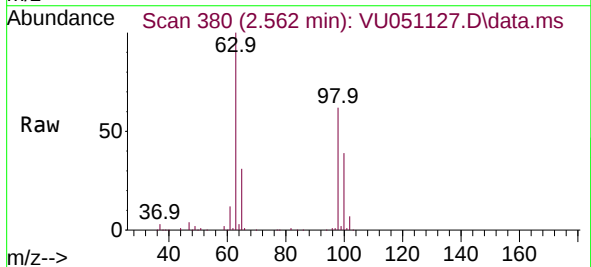
Instrument :
 MSVOA_U
 ClientSampleId :

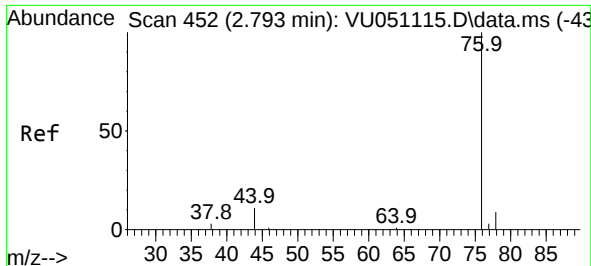
Tgt Ion:101 Resp: 1577
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.603 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.019 min
 Lab File: VU051127.D
 Acq: 05 Oct 2022 15:13

Tgt Ion: 96 Resp: 1409
 Ion Ratio Lower Upper
 96 100
 61 1392.7 113.0 209.9#
 63 11751.9 91.7 170.3#

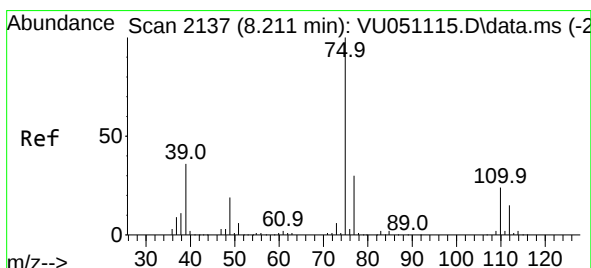
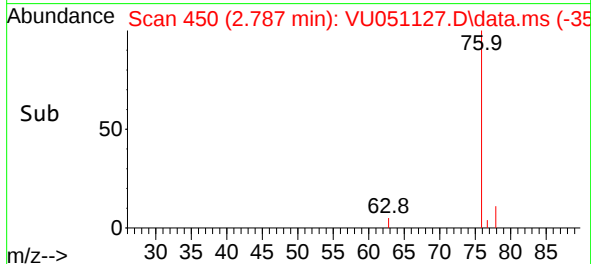
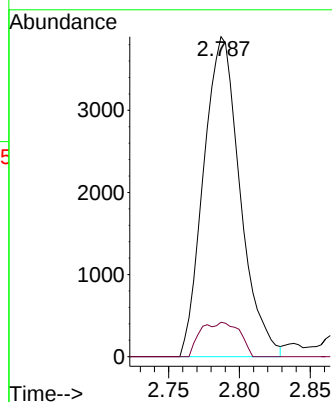
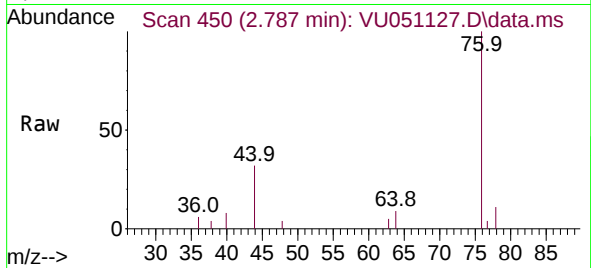




#14
Carbon disulfide
Concen: 1.011 ug/L
RT: 2.787 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU051127.D
Acq: 05 Oct 2022 15:13

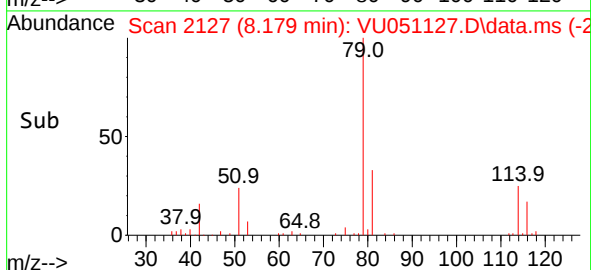
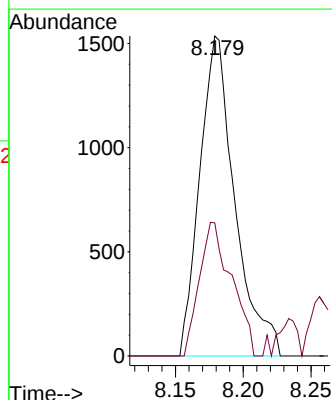
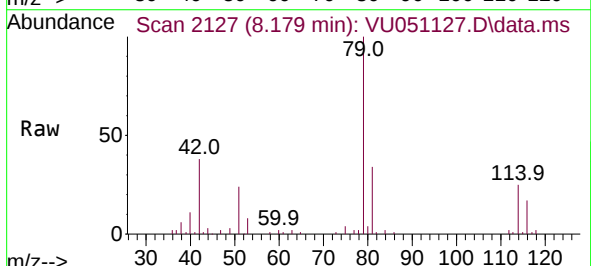
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MSVOA_U
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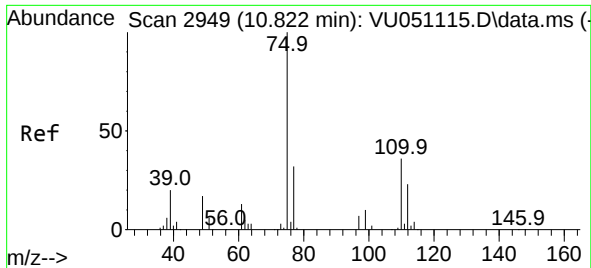
Tgt Ion: 76 Resp: 6987
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#44
trans-1,3-Dichloropropene
Concen: 0.689 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU051127.D
Acq: 05 Oct 2022 15:13

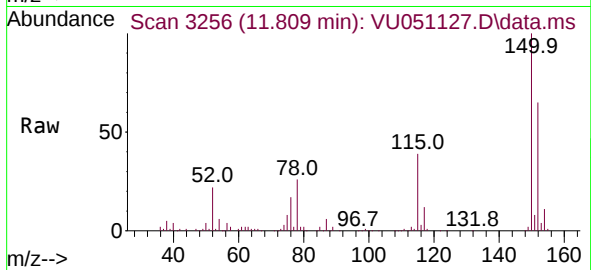
Tgt Ion: 75 Resp: 2760
Ion Ratio Lower Upper
75 100
77 41.6 22.7 42.3





#60
 1,2,3-Trichloropropane
 Concen: 4.614 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051127.D
 Acq: 05 Oct 2022 15:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	14184
Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.1	39.1
110	1.3	30.0	45.0#

