

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051047.D
 Acq On : 30 Sep 2022 20:27
 Operator : JC/MD
 Sample : N4859-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:29:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 01:23:58 2022
 Response via : Initial Calibration

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

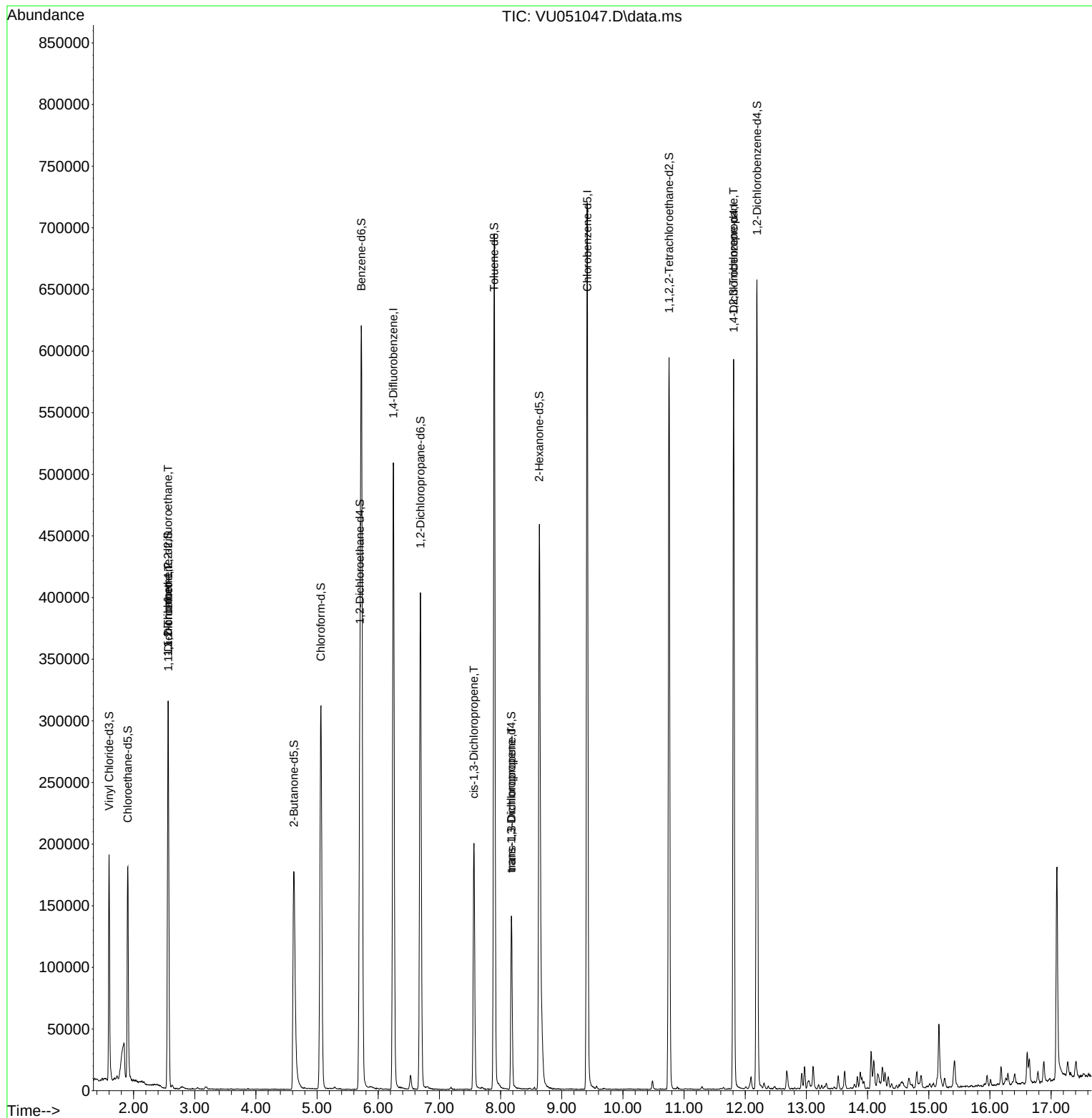
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	406671	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	397160	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	152718	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	138744	33.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.320%
7) Chloroethane-d5	1.906	69	131441	34.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.660%#
11) 1,1-Dichloroethene-d2	2.565	63	185317	30.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.880%
21) 2-Butanone-d5	4.620	46	265327	99.259	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.260%
24) Chloroform-d	5.063	84	293403	44.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.380%
26) 1,2-Dichloroethane-d4	5.700	65	190392	46.324	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.640%
32) Benzene-d6	5.726	84	570381	49.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	6.690	67	195684	51.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.700%
41) Toluene-d8	7.896	98	462406	43.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.060%
43) trans-1,3-Dichloroprop...	8.176	79	78761	43.755	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.500%
47) 2-Hexanone-d5	8.632	63	137241	90.062	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.060%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	300455	45.553	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.100%
66) 1,2-Dichlorobenzene-d4	12.192	152	166084	50.907	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1666	0.537	ug/L #	20
12) 1,1-Dichloroethene	2.568	96	1640	0.566	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	5051	1.094	ug/L #	66
44) trans-1,3-Dichloropropene	8.179	75	3812	0.816	ug/L	98
60) 1,2,3-Trichloropropane	11.809	75	18516	4.607	ug/L #	68

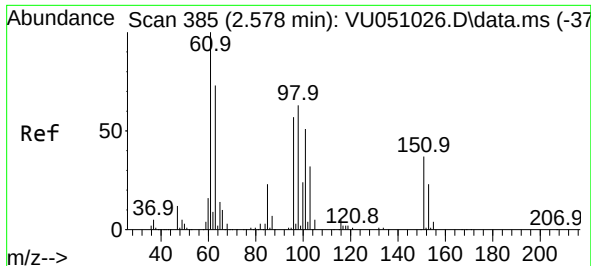
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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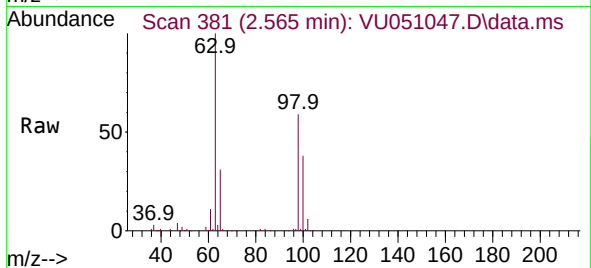
Quant Time: Oct 01 01:29:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration



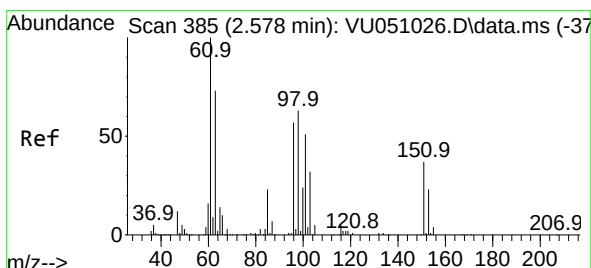
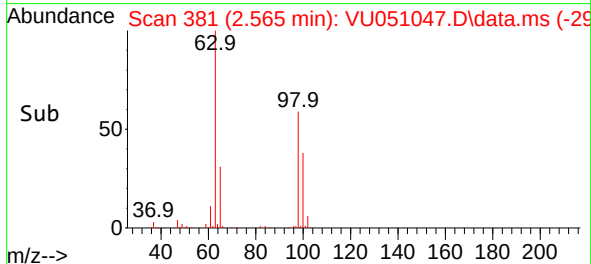
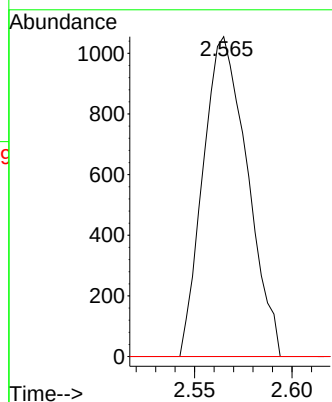


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.537 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU051047.D
 Acq: 30 Sep 2022 20:27

Instrument :
 MSVOA_U
 ClientSampleId :

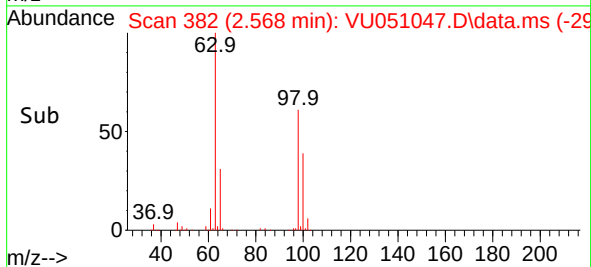
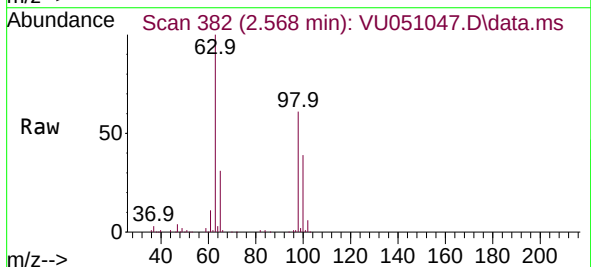
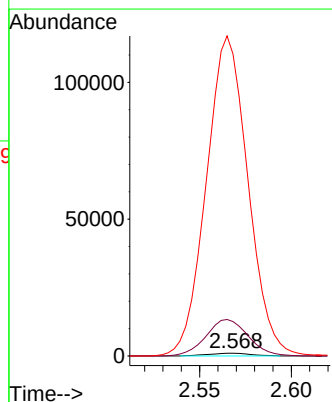


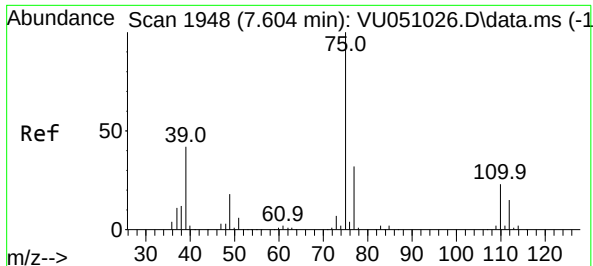
Tgt Ion:101 Resp: 1666
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 0.0 58.6 87.8#



#12
 1,1-Dichloroethene
 Concen: 0.566 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051047.D
 Acq: 30 Sep 2022 20:27

Tgt Ion: 96 Resp: 1640
 Ion Ratio Lower Upper
 96 100
 61 1254.9 113.0 209.9#
 63 11036.0 91.7 170.3#





#39

cis-1,3-Dichloropropene

Concen: 1.094 ug/L

RT: 7.565 min Scan# 1948

Delta R.T. -0.039 min

Lab File: VU051047.D

Acq: 30 Sep 2022 20:27

Instrument :

MSVOA_U

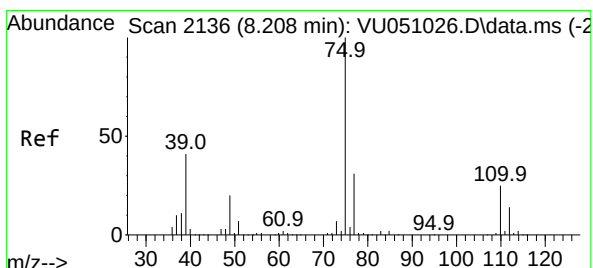
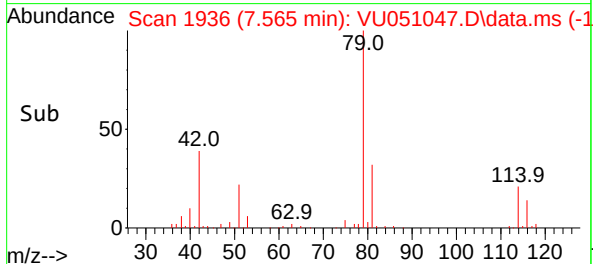
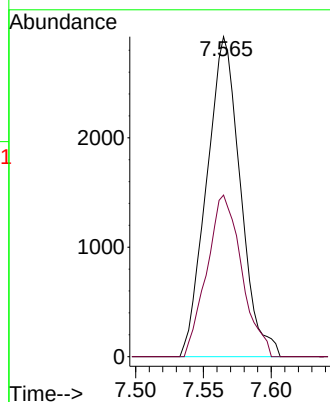
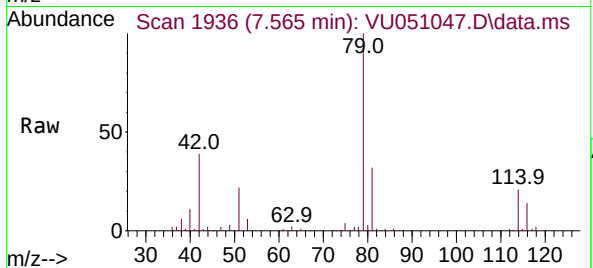
ClientSampleId :

Tgt Ion: 75 Resp: 5051

Ion Ratio Lower Upper

75 100

77 50.5 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.816 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051047.D

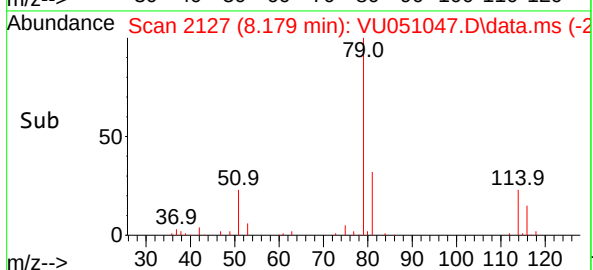
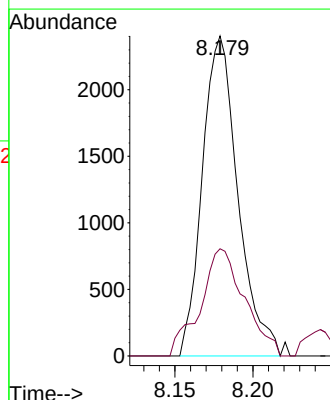
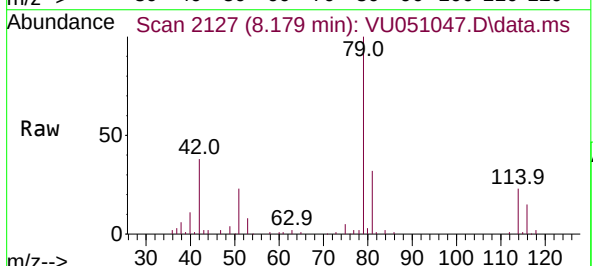
Acq: 30 Sep 2022 20:27

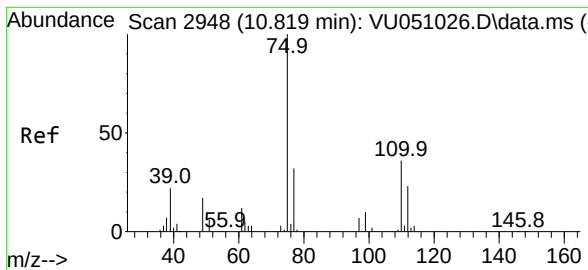
Tgt Ion: 75 Resp: 3812

Ion Ratio Lower Upper

75 100

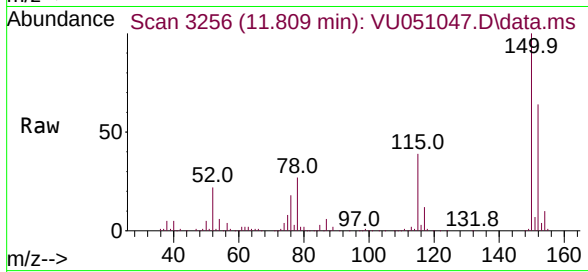
77 33.5 22.7 42.3





#60
 1,2,3-Trichloropropane
 Concen: 4.607 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051047.D
 Acq: 30 Sep 2022 20:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18516
 Ion Ratio Lower Upper
 75 100
 77 34.0 26.1 39.1
 110 2.5 30.0 45.0#

