

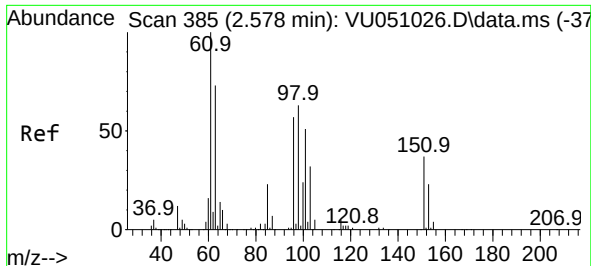
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051037.D
 Acq On : 30 Sep 2022 16:34
 Operator : JC/MD
 Sample : N4854-20 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:27:11 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	6.250	114	396450	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	392613	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	134670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	157259	39.140	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.280%	
7) Chloroethane-d5	1.903	69	147161	39.430	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.860%	
11) 1,1-Dichloroethene-d2	2.565	63	199691	33.647	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.300%	
21) 2-Butanone-d5	4.623	46	267891	102.802	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	102.800%	
24) Chloroform-d	5.063	84	306315	47.321	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.640%	
26) 1,2-Dichloroethane-d4	5.700	65	202672	50.583	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.160%	
32) Benzene-d6	5.726	84	604099	52.543	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.080%	
36) 1,2-Dichloropropane-d6	6.690	67	208474	55.880	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	111.760%	
41) Toluene-d8	7.896	98	480388	45.224	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.440%	
43) trans-1,3-Dichloroprop...	8.179	79	82761	46.509	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.020%	
47) 2-Hexanone-d5	8.632	63	135113	89.692	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	89.690%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	306356	46.986	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.980%	
66) 1,2-Dichlorobenzene-d4	12.192	152	150894	52.450	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.900%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1819	0.601	ug/L #	20
12) 1,1-Dichloroethene	2.562	96	1575	0.557	ug/L #	1
29) Cyclohexane	5.459	56	6143	1.607	ug/L #	20
44) trans-1,3-Dichloropropene	8.179	75	3254	0.705	ug/L #	67
60) 1,2,3-Trichloropropane	11.809	75	16637	4.694	ug/L #	67

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.601 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

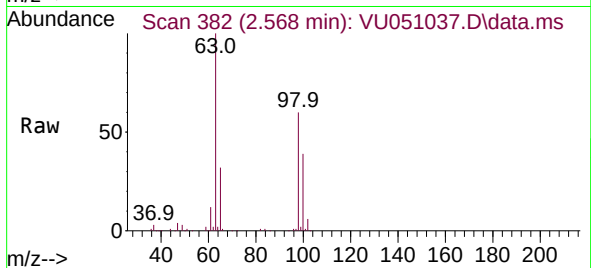
Lab File: VU051037.D

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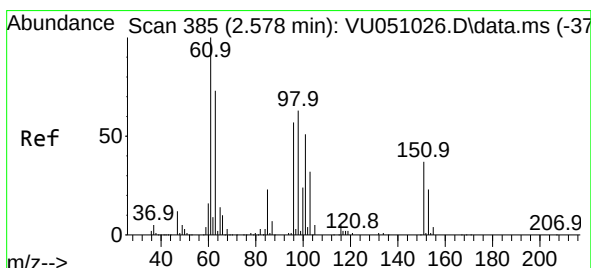
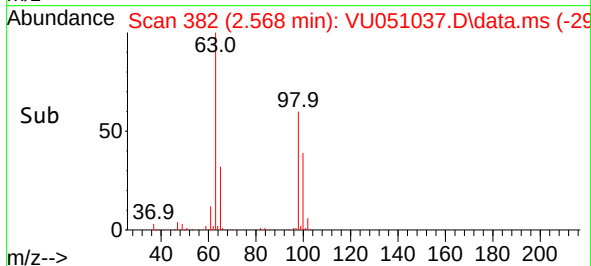
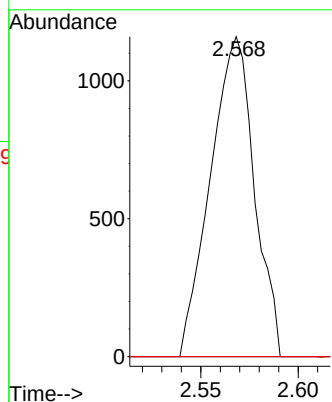
Tgt Ion:101 Resp: 1819

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: 0.557 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU051037.D

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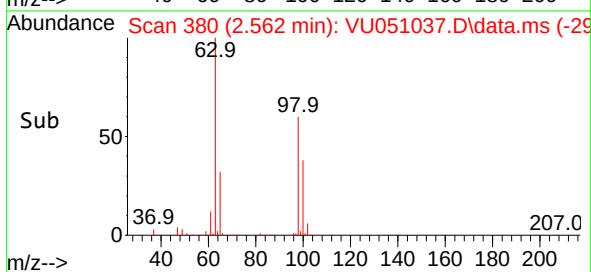
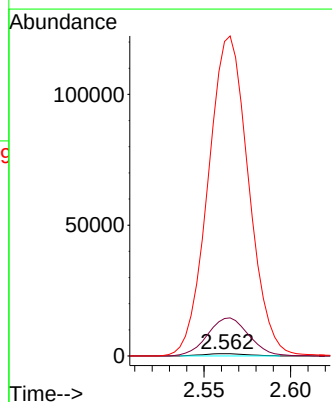
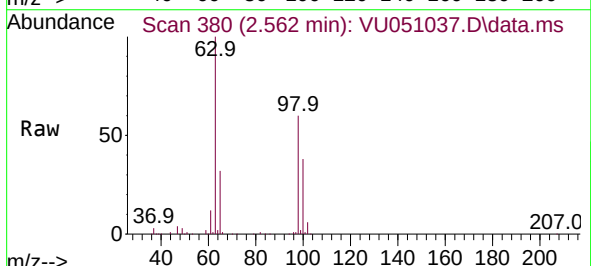
Tgt Ion: 96 Resp: 1575

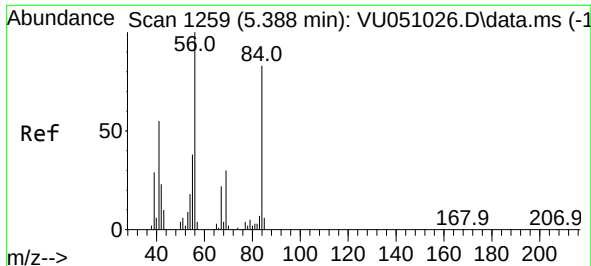
Ion Ratio Lower Upper

96 100

61 1639.8 113.0 209.9#

63 13785.3 91.7 170.3#





#29

Cyclohexane

Concen: 1.607 ug/L

RT: 5.459 min Scan# 11

Delta R.T. 0.071 min

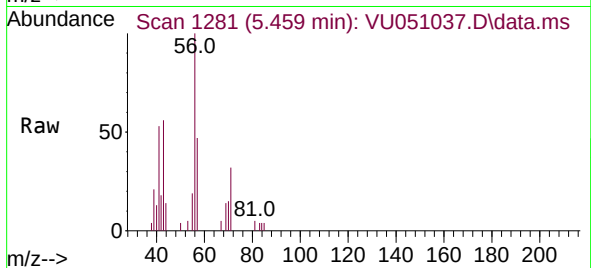
Lab File: VU051037.D

Acq: 30 Sep 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :



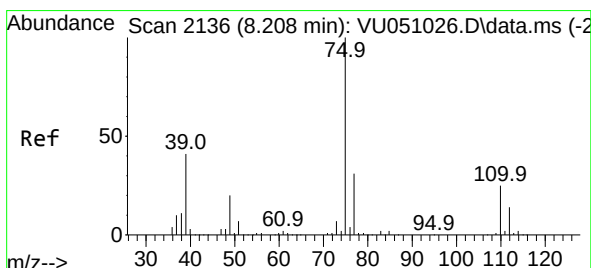
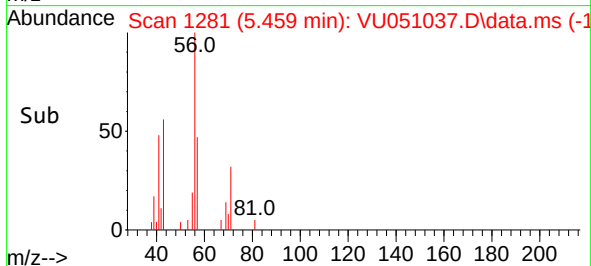
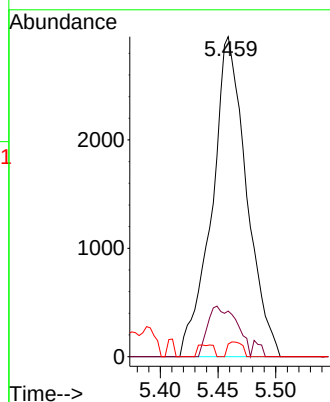
Tgt Ion: 56 Resp: 6143

Ion Ratio Lower Upper

56 100

69 7.7 24.8 37.2#

84 1.9 71.8 107.6#



#44

trans-1,3-Dichloropropene

Concen: 0.705 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051037.D

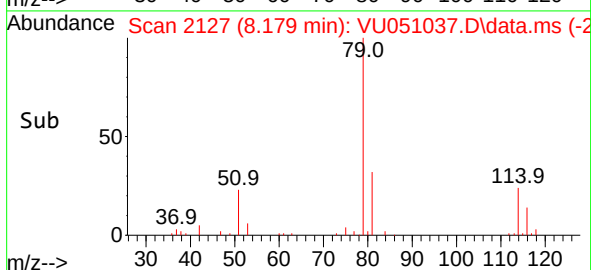
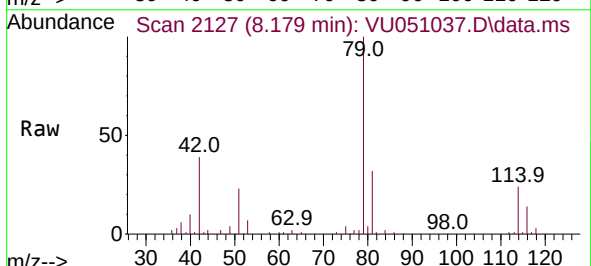
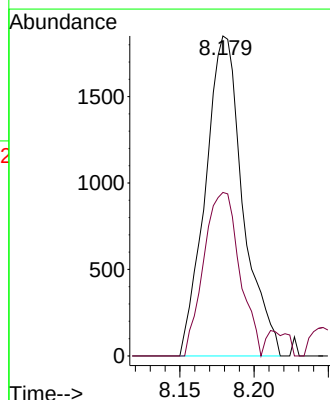
Acq: 30 Sep 2022 16:34

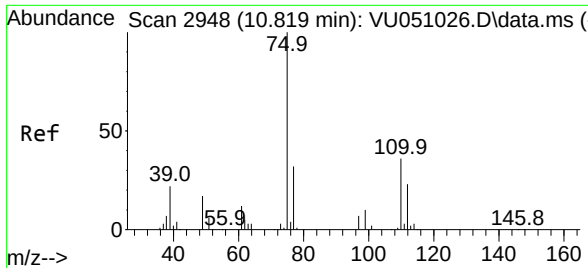
Tgt Ion: 75 Resp: 3254

Ion Ratio Lower Upper

75 100

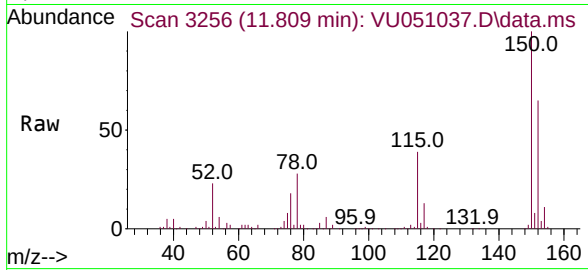
77 51.1 22.7 42.3#





#60
 1,2,3-Trichloropropane
 Concen: 4.694 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU051037.D
 Acq: 30 Sep 2022 16:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	16637
Ion Ratio	Lower	Upper
75	100	
77	32.1	26.1 39.1
110	1.0	30.0 45.0#

