

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083122\
 Data File : VU050550.D
 Acq On : 31 Aug 2022 15:45
 Operator : SY/MD
 Sample : N4440-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

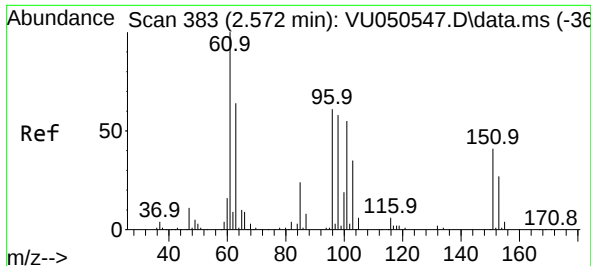
Instrument :
 MSVOA_U
 ClientSampleId :
 C0ZJ6

Quant Time: Sep 01 05:16:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 01 05:15:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	314686	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	314689	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	113329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128132	53.089	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	106.180%	
7) Chloroethane-d5	1.909	69	105688	56.166	ug/L	0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	112.340%	
11) 1,1-Dichloroethene-d2	2.565	63	156625	38.436	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	76.880%	
21) 2-Butanone-d5	4.626	46	219682	104.075	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	104.080%	
24) Chloroform-d	5.064	84	244631	52.091	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.180%	
26) 1,2-Dichloroethane-d4	5.703	65	164125	53.803	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	107.600%	
32) Benzene-d6	5.729	84	501702	51.438	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.880%	
36) 1,2-Dichloropropane-d6	6.694	67	171020	52.661	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	105.320%	
41) Toluene-d8	7.899	98	400755	47.230	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	94.460%	
43) trans-1,3-Dichloroprop...	8.182	79	60334	46.194	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	92.380%	
47) 2-Hexanone-d5	8.636	63	96840	82.357	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	82.360%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	227239	44.860	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	89.720%	
66) 1,2-Dichlorobenzene-d4	12.195	152	132257	53.902	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1381	0.665	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1339	0.617	ug/L #	1
13) Acetone	2.633	43	6612	4.032	ug/L	90
22) 2-Butanone	4.713	43	6172	2.433	ug/L #	24
39) cis-1,3-Dichloropropene	7.568	75	3503	0.849	ug/L #	56
44) trans-1,3-Dichloropropene	8.179	75	2534	0.675	ug/L #	68
48) 2-Hexanone	8.687	43	32417	8.370	ug/L #	89

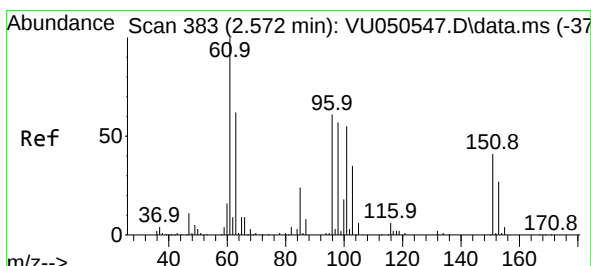
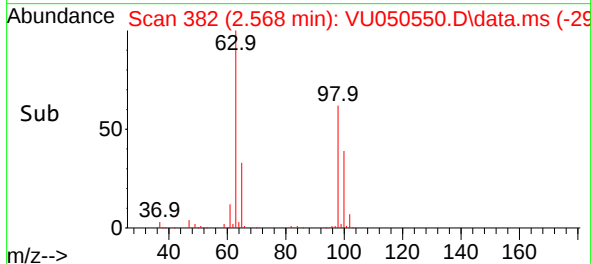
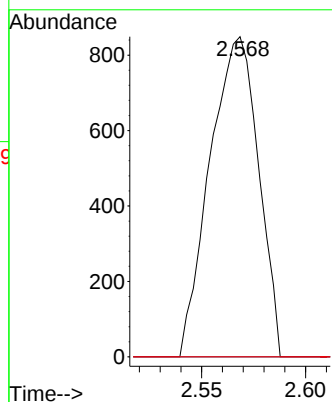
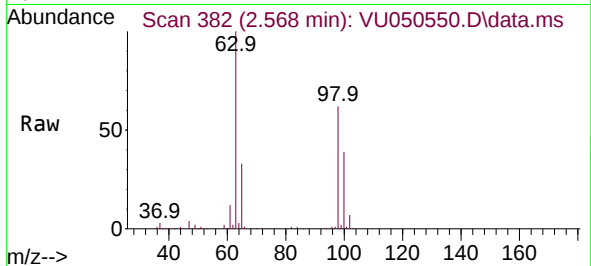
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.665 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.003 min
Lab File: VU050550.D
Acq: 31 Aug 2022 15:45

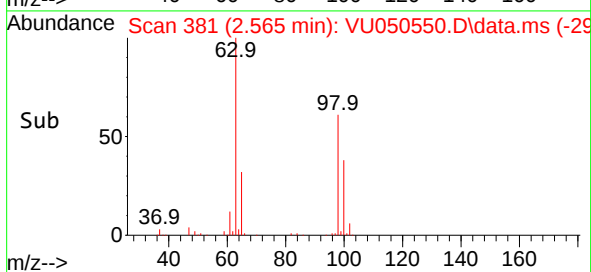
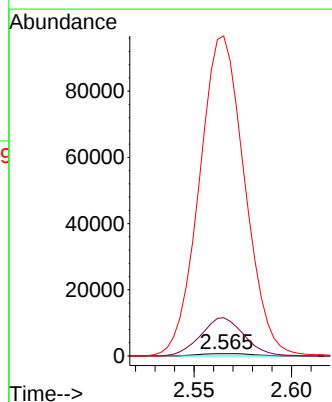
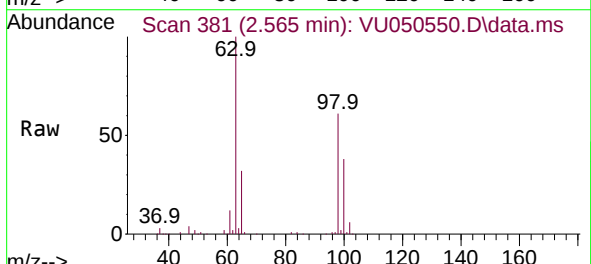
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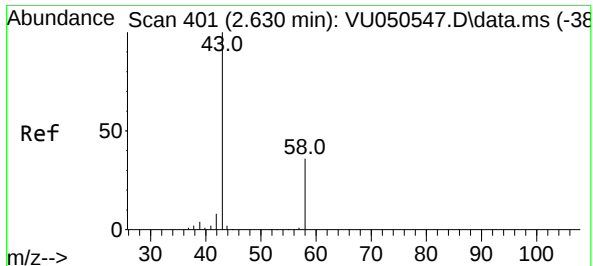
Tgt Ion:101 Resp: 1381
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.2 87.2#



#12
1,1-Dichloroethene
Concen: 0.617 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.006 min
Lab File: VU050550.D
Acq: 31 Aug 2022 15:45

Tgt Ion: 96 Resp: 1339
Ion Ratio Lower Upper
96 100
61 1652.2 113.5 210.9#
63 13832.3 78.0 144.9#





#13

Acetone

Concen: 4.032 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050550.D

Acq: 31 Aug 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

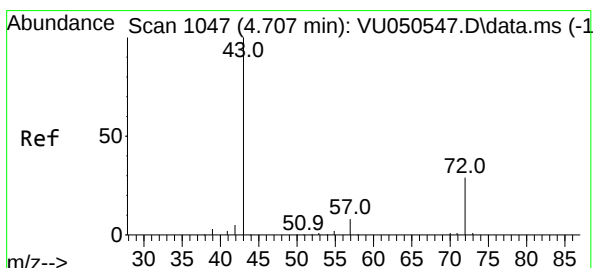
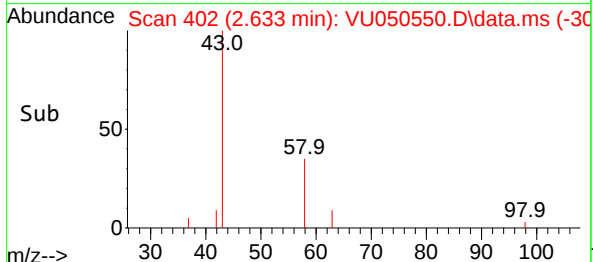
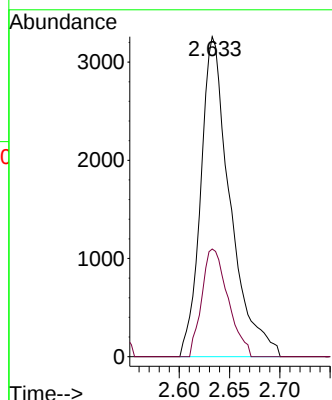
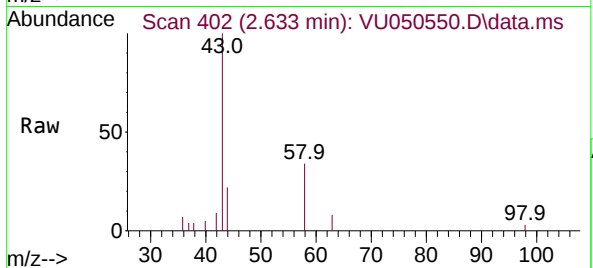
C0ZJ6

Tgt Ion: 43 Resp: 6612

Ion Ratio Lower Upper

43 100

58 30.1 0.0 71.6



#22

2-Butanone

Concen: 2.433 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.006 min

Lab File: VU050550.D

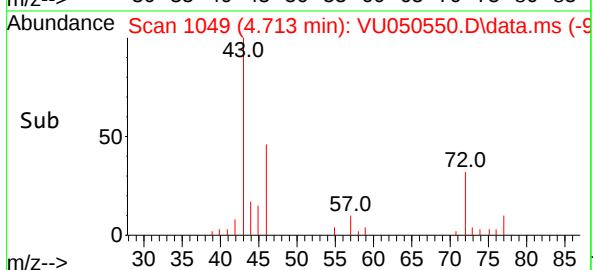
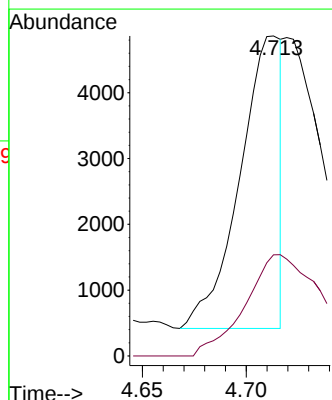
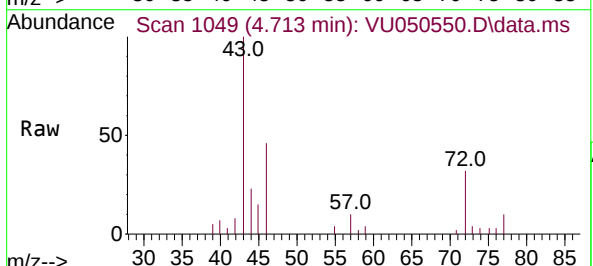
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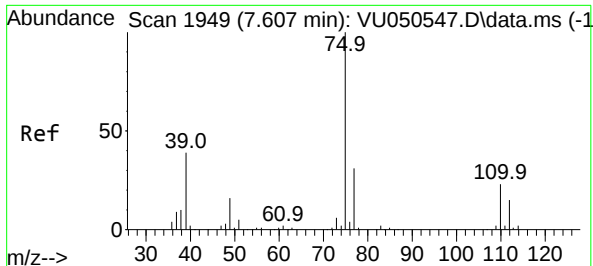
Tgt Ion: 43 Resp: 6172

Ion Ratio Lower Upper

43 100

72 70.2 14.8 44.3#





#39

cis-1,3-Dichloropropene

Concen: 0.849 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050550.D

Acq: 31 Aug 2022 15:45

Instrument :

MSVOA_U

ClientSampleId :

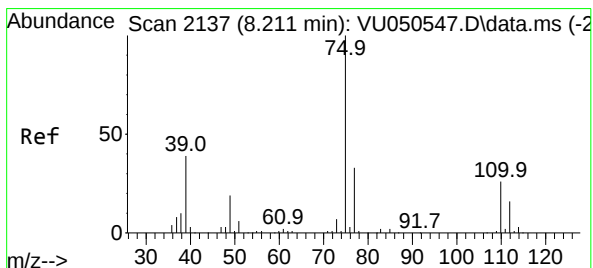
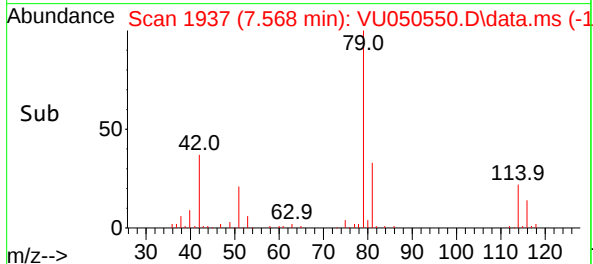
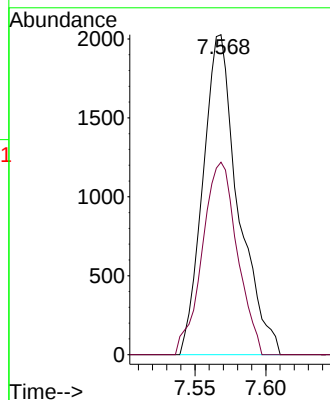
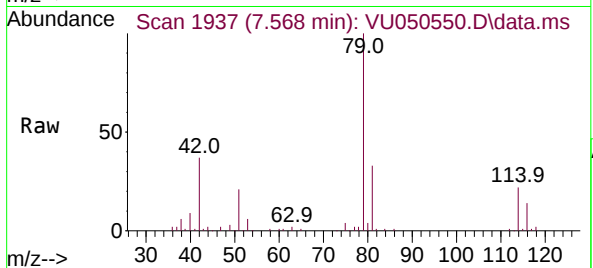
C0ZJ6

Tgt Ion: 75 Resp: 3503

Ion Ratio Lower Upper

75 100

77 56.1 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050550.D

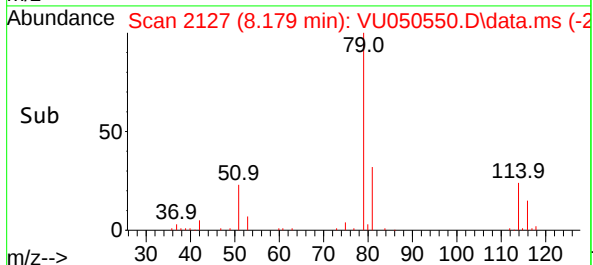
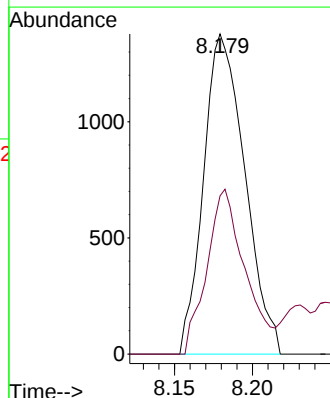
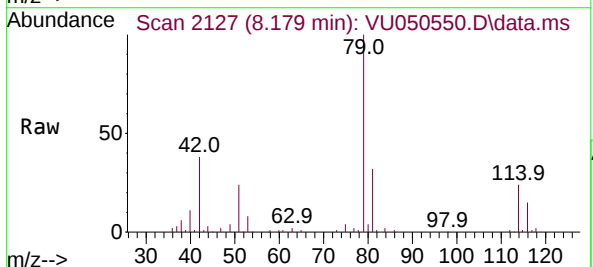
Acq: 31 Aug 2022 15:45

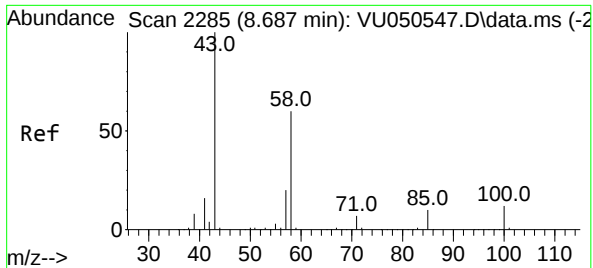
Tgt Ion: 75 Resp: 2534

Ion Ratio Lower Upper

75 100

77 49.4 22.2 41.2#





#48
 2-Hexanone
 Concen: 8.370 ug/L
 RT: 8.687 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU050550.D
 Acq: 31 Aug 2022 15:45

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ZJ6

Tgt Ion: 43	Resp: 32417
Ion Ratio	Lower Upper
43	100
58	47.7 46.6 69.8
57	18.4 15.8 23.6
100	8.7 9.7 14.5#

