

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051137.D
 Acq On : 05 Oct 2022 19:09
 Operator : JC/MD
 Sample : N4973-01ME
 Misc : 4.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

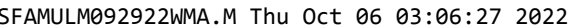
Quant Time: Oct 06 03:06:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 06 02:55:50 2022
 Response via : Initial Calibration

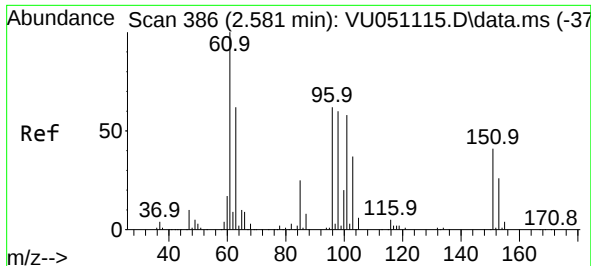
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	322726	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	336785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	132888	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	163096	49.866	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.740%	
7) Chloroethane-d5	1.867	69	76106	25.050	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	50.100%#	
11) 1,1-Dichloroethene-d2	2.594	63	63	0.013	ug/L	0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	0.020%#	
21) 2-Butanone-d5	4.633	46	301129	141.955	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	141.950%#	
24) Chloroform-d	5.057	84	372338	70.660	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	141.320%#	
26) 1,2-Dichloroethane-d4	5.697	65	244108	74.843	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	149.680%#	
32) Benzene-d6	5.716	84	750947	76.143	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	152.280%#	
36) 1,2-Dichloropropane-d6	6.687	67	260166	81.296	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	162.600%#	
41) Toluene-d8	7.896	98	628808	69.009	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	138.020%#	
43) trans-1,3-Dichloroprop...	8.182	79	101189	66.292	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	132.580%#	
47) 2-Hexanone-d5	8.649	63	193145	149.469	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	149.470%#	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	417965	74.730	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	149.460%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	223754	78.818	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	157.640%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	2250	0.913	ug/L #	22
12) 1,1-Dichloroethene	2.523	96	2112	0.918	ug/L #	1
22) 2-Butanone	4.719	43	34024	14.538	ug/L	98
39) cis-1,3-Dichloropropene	7.565	75	6301	1.609	ug/L #	67
44) trans-1,3-Dichloropropene	8.179	75	4401	1.112	ug/L	97
46) Tetrachloroethene	8.549	164	116325	57.719	ug/L	97
48) 2-Hexanone	8.649	43	27703	7.617	ug/L #	77

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

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Quant Title : VOC Analysis
QLast Update : Thu Oct 06 02:55:50 2022
Response via : Initial Calibration





#10

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

Concen: 0.913 ug/L

RT: 2.523 min Scan# 3

Delta R.T. -0.058 min

Lab File: VU051137.D

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Instrument :

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ClientSampleId :

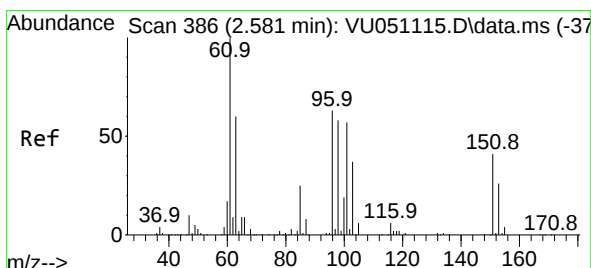
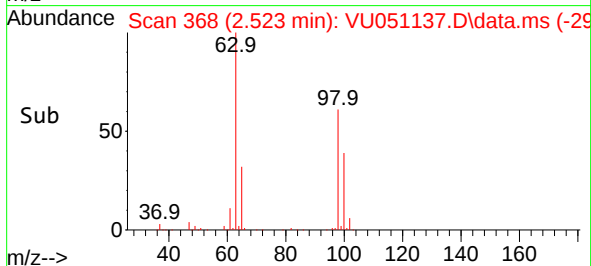
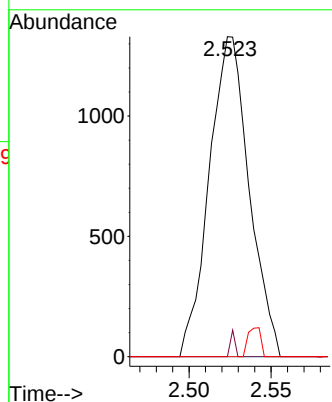
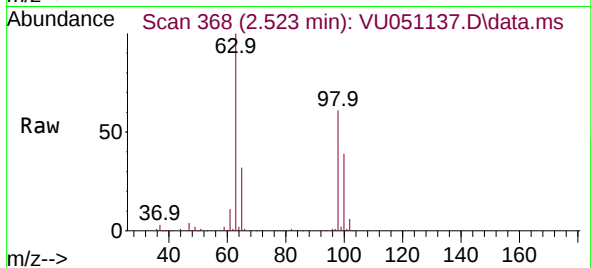
Tgt Ion:101 Resp: 2250

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 2.9 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.918 ug/L

RT: 2.523 min Scan# 368

Delta R.T. -0.058 min

Lab File: VU051137.D

Acq: 05 Oct 2022 19:09

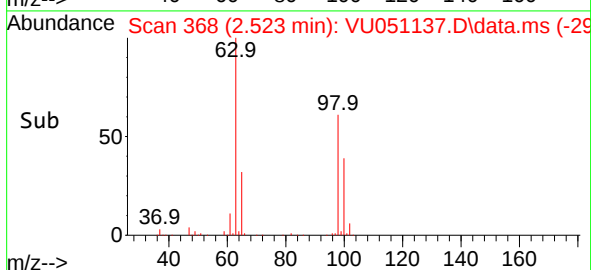
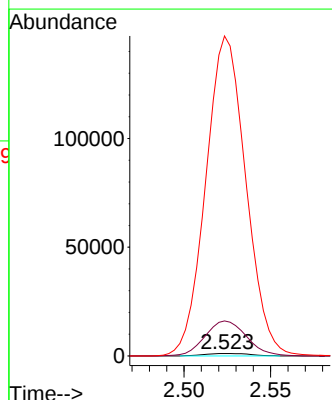
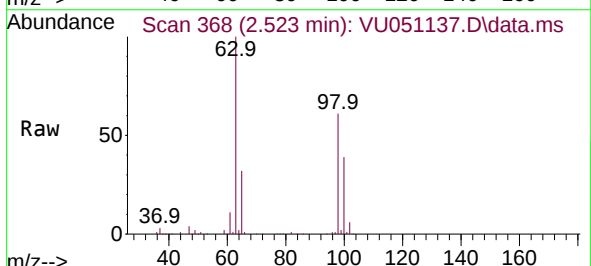
Tgt Ion: 96 Resp: 2112

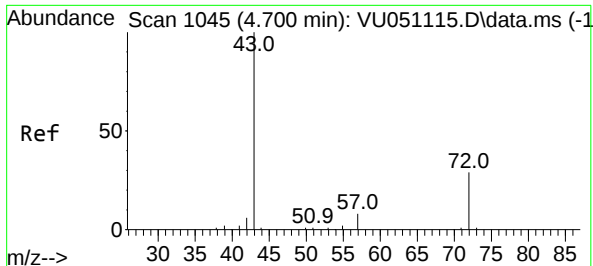
Ion Ratio Lower Upper

96 100

61 1415.2 113.0 209.9#

63 12895.4 91.7 170.3#





#22

2-Butanone

Concen: 14.538 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU051137.D

Acq: 05 Oct 2022 19:09

Instrument :

MSVOA_U

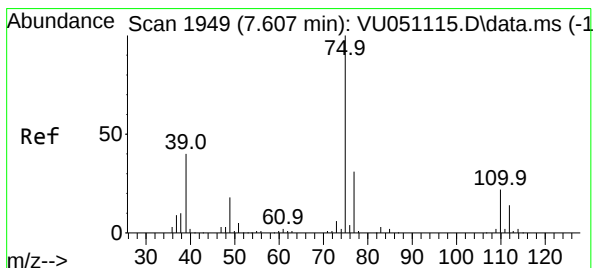
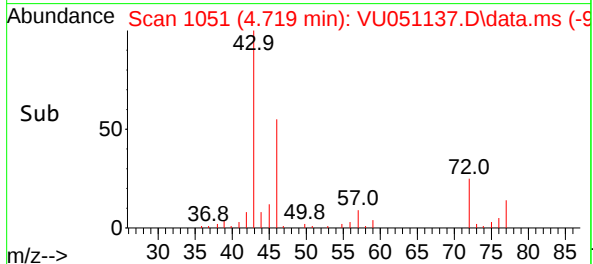
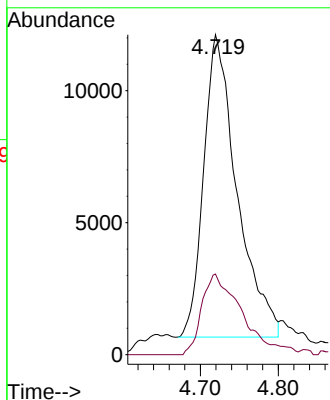
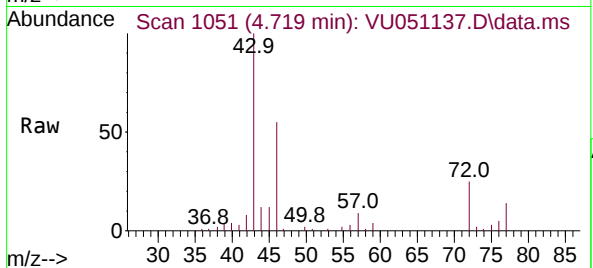
ClientSampleId :

Tgt Ion: 43 Resp: 34024

Ion Ratio Lower Upper

43 100

72 30.4 15.8 47.4



#39

cis-1,3-Dichloropropene

Concen: 1.609 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU051137.D

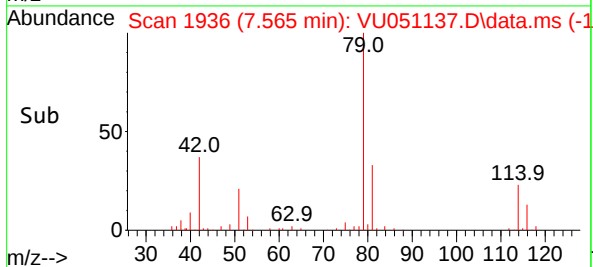
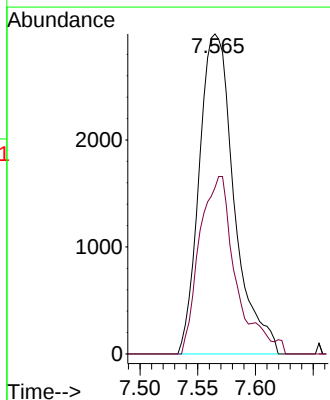
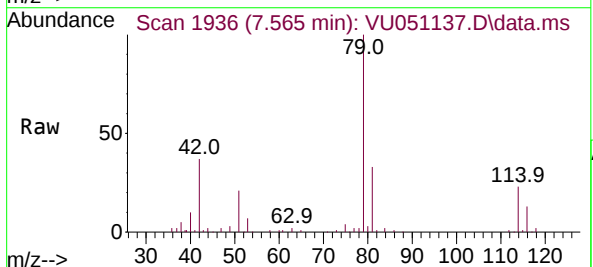
Acq: 05 Oct 2022 19:09

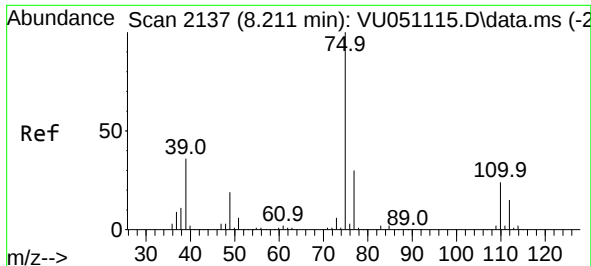
Tgt Ion: 75 Resp: 6301

Ion Ratio Lower Upper

75 100

77 49.7 22.0 41.0#

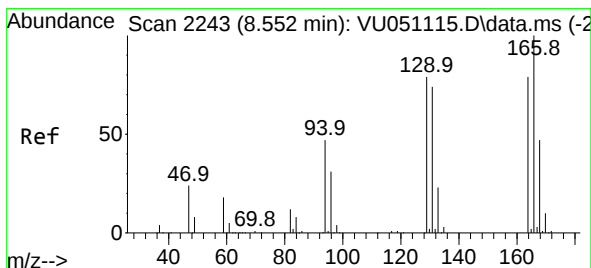
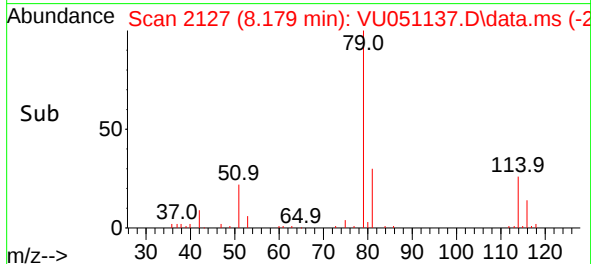
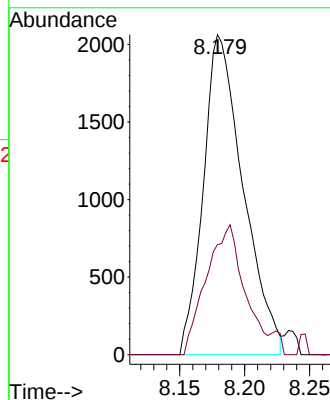
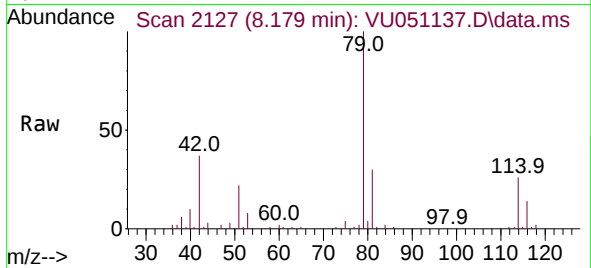




#44
trans-1,3-Dichloropropene
Concen: 1.112 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU051137.D
Acq: 05 Oct 2022 19:09

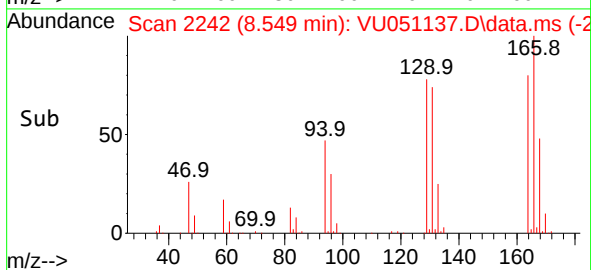
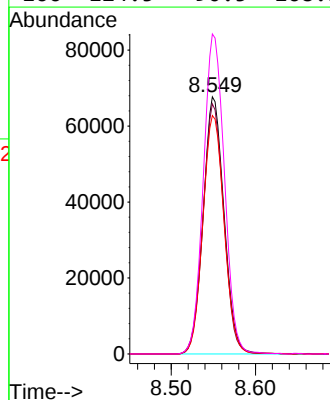
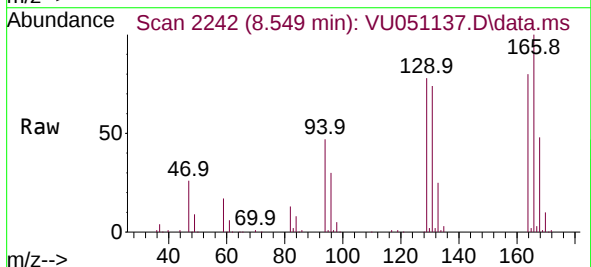
Instrument :
MSVOA_U
ClientSampleId :

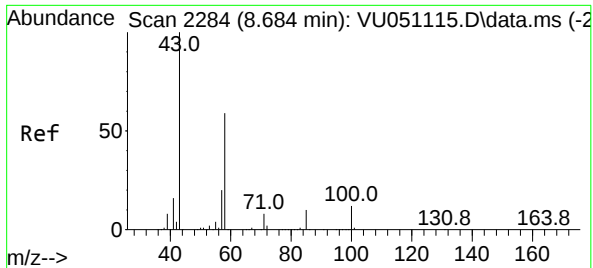
Tgt Ion: 75 Resp: 4401
Ion Ratio Lower Upper
75 100
77 34.5 22.7 42.3



#46
Tetrachloroethene
Concen: 57.719 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051137.D
Acq: 05 Oct 2022 19:09

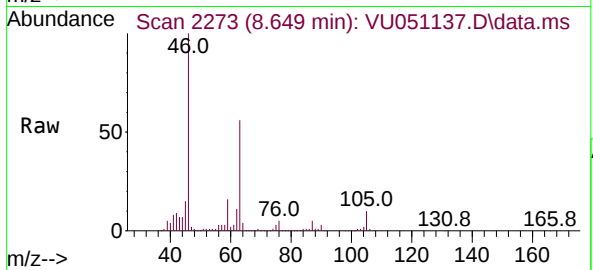
Tgt Ion: 164 Resp: 116325
Ion Ratio Lower Upper
164 100
129 97.3 68.1 126.5
131 92.7 67.8 126.0
166 124.5 90.5 168.1





#48
 2-Hexanone
 Concen: 7.617 ug/L
 RT: 8.649 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: VU051137.D
 Acq: 05 Oct 2022 19:09

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 27703
Ion Ratio	Lower Upper
43 100	
58 48.6	48.3 72.5
57 38.7	15.9 23.9#
100 0.8	10.0 15.0#

