

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048397.D
 Acq On : 03 May 2022 17:54
 Operator : SY/MD
 Sample : N2668-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 04 01:41:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

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

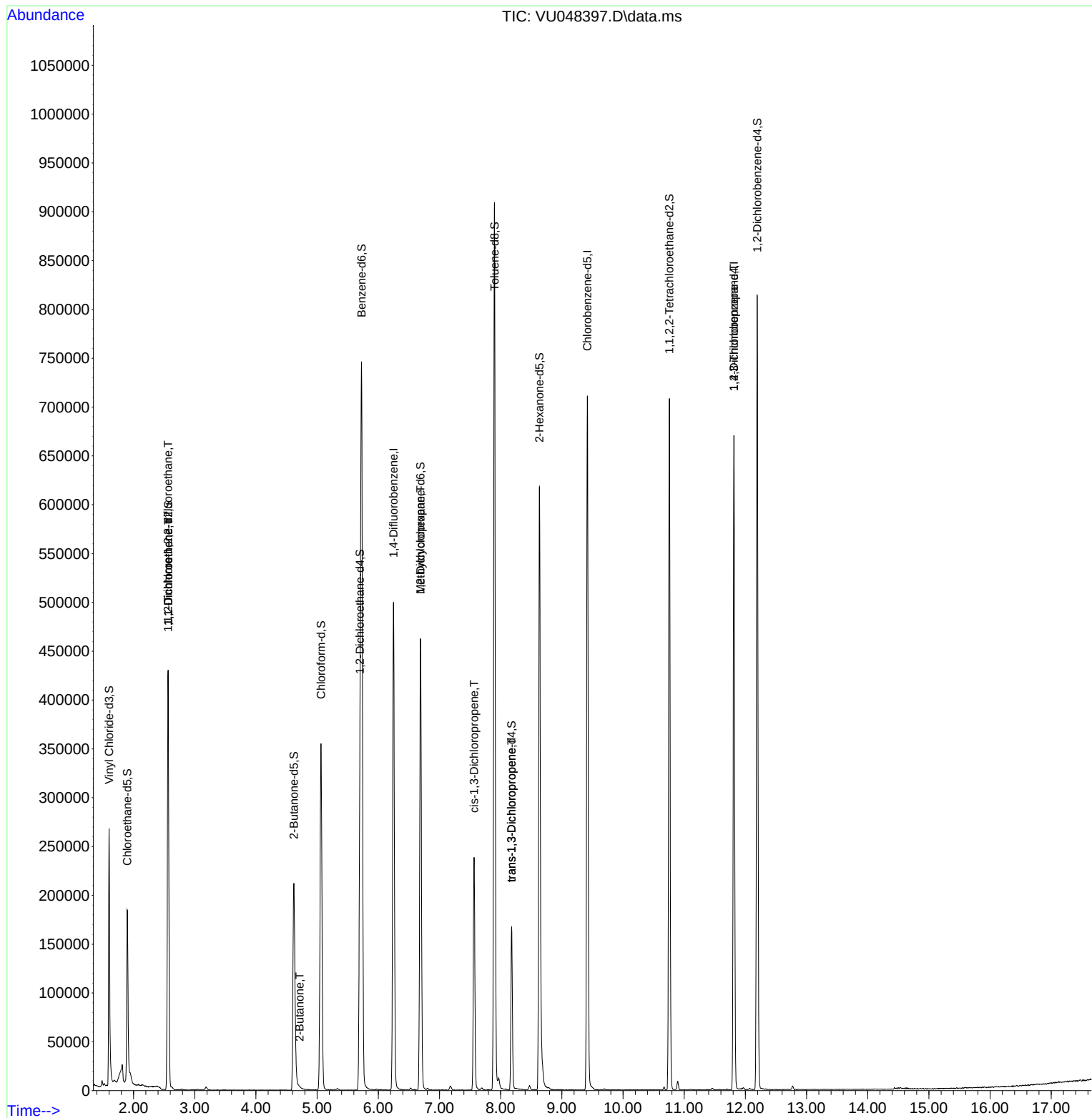
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	432262	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	428657	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	193441	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	209716	52.759	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	105.520%	
7) Chloroethane-d5	1.896	69	153272	54.933	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	109.860%	
11) 1,1-Dichloroethene-d2	2.565	63	249178	39.123	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	78.240%	
21) 2-Butanone-d5	4.620	46	302097	89.107	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	89.110%	
24) Chloroform-d	5.063	84	339498	47.088	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.180%	
26) 1,2-Dichloroethane-d4	5.700	65	211248	49.382	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.760%	
32) Benzene-d6	5.726	84	724108	53.561	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	107.120%	
36) 1,2-Dichloropropane-d6	6.690	67	232862	52.100	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	104.200%	
41) Toluene-d8	7.899	98	628717	51.306	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.620%	
43) trans-1,3-Dichloroprop...	8.179	79	95683	48.516	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	97.040%	
47) 2-Hexanone-d5	8.632	63	215694	89.448	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	89.450%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	358786	45.771	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	91.540%	
66) 1,2-Dichlorobenzene-d4	12.195	152	238441	54.795	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	109.580%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2583	0.793	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	2214	0.779	ug/L #	1
22) 2-Butanone	4.713	43	3481	1.082	ug/L #	67
35) Methylcyclohexane	6.690	83	53024	12.141	ug/L #	20
39) cis-1,3-Dichloropropene	7.565	75	5205	1.025	ug/L #	62
44) trans-1,3-Dichloropropene	8.179	75	3982	0.803	ug/L #	78
60) 1,2,3-Trichloropropane	11.812	75	19770	4.381	ug/L #	68

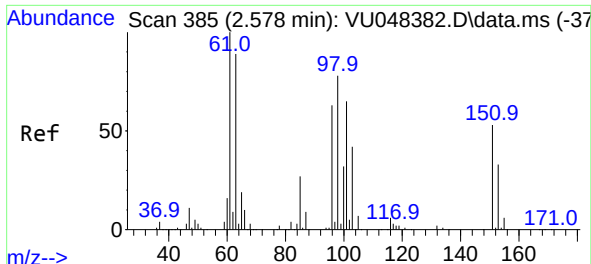
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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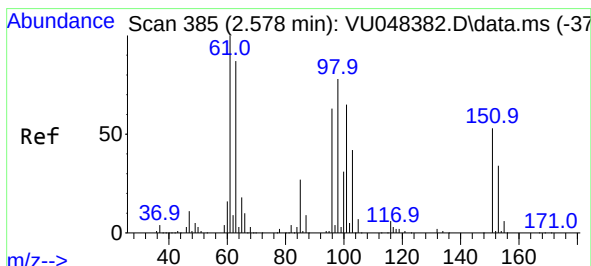
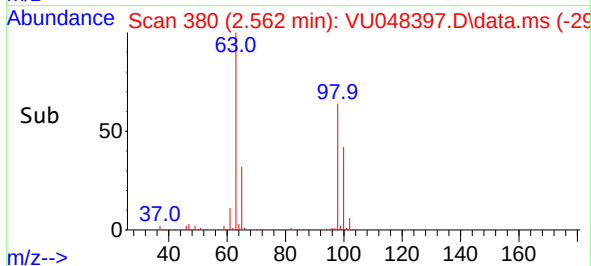
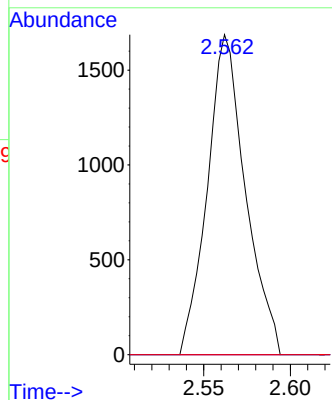
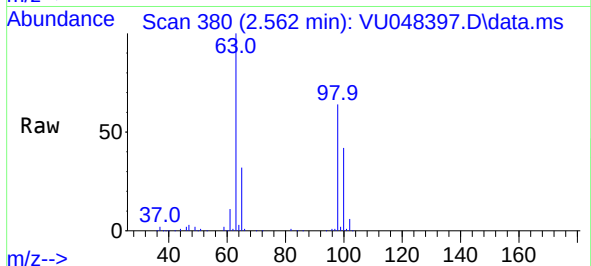




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.793 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU048397.D
Acq: 03 May 2022 17:54

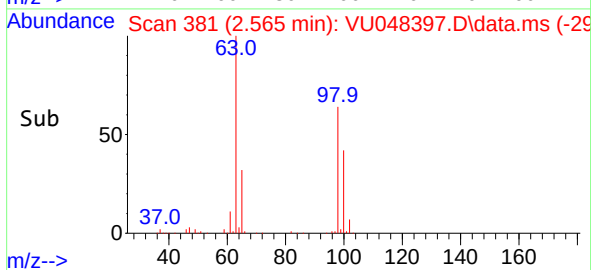
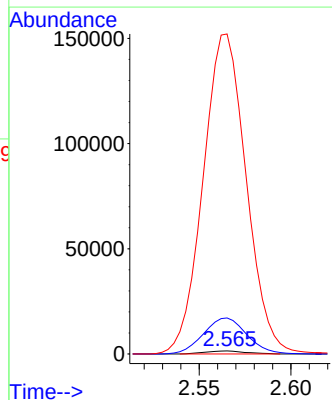
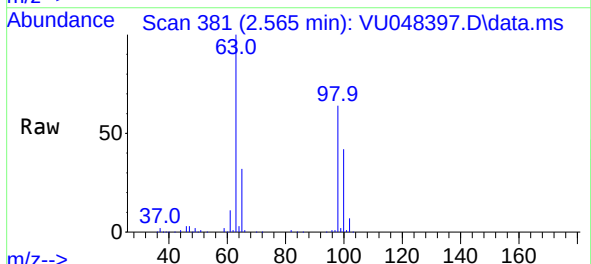
Instrument :
MSVOA_U
ClientSampleId :

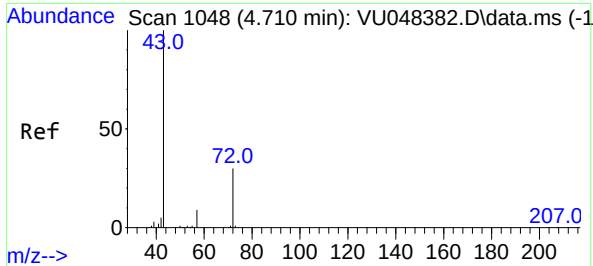
Tgt Ion:101 Resp: 2583
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.779 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU048397.D
Acq: 03 May 2022 17:54

Tgt Ion: 96 Resp: 2214
Ion Ratio Lower Upper
96 100
61 1171.5 107.9 200.3#
63 10419.7 80.3 149.1#

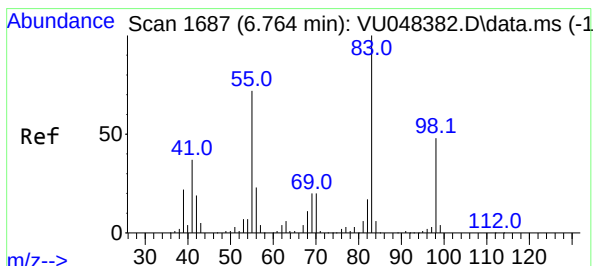
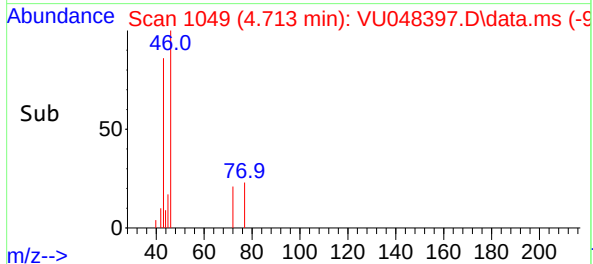
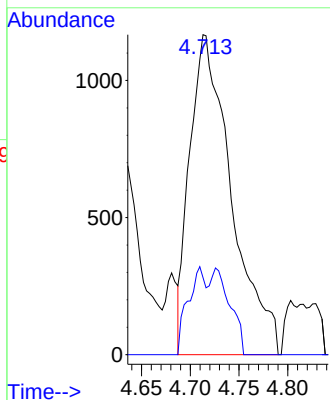
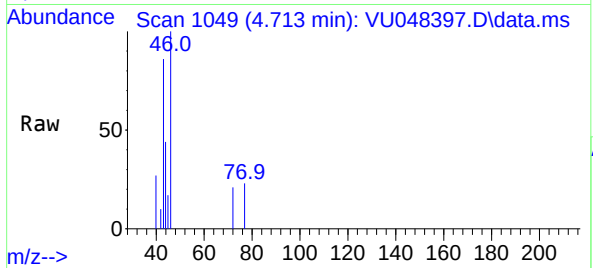




#22
2-Butanone
Concen: 1.082 ug/L
RT: 4.713 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU048397.D
Acq: 03 May 2022 17:54

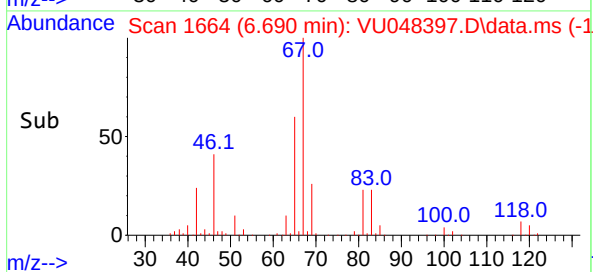
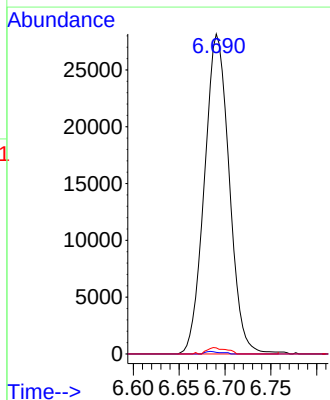
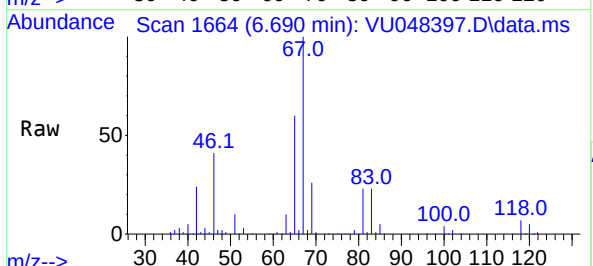
Instrument :
MSVOA_U
ClientSampleId :

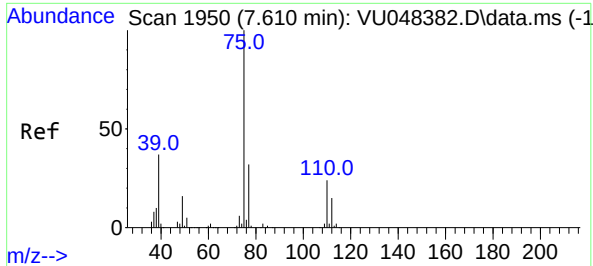
Tgt Ion: 43 Resp: 3481
Ion Ratio Lower Upper
43 100
72 11.5 14.6 43.8#



#35
Methylcyclohexane
Concen: 12.141 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048397.D
Acq: 03 May 2022 17:54

Tgt Ion: 83 Resp: 53024
Ion Ratio Lower Upper
83 100
55 0.4 59.4 89.2#
98 0.9 37.3 55.9#

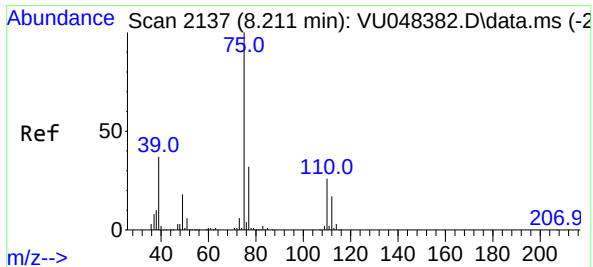
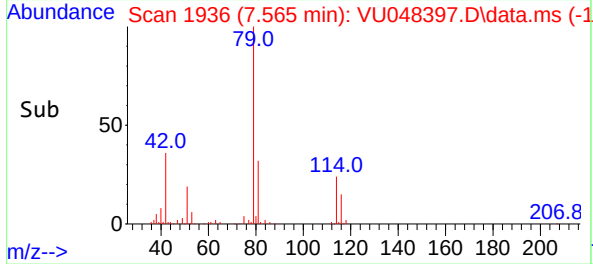
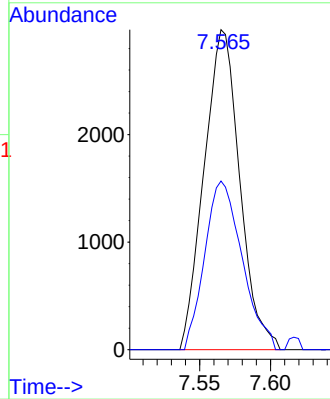
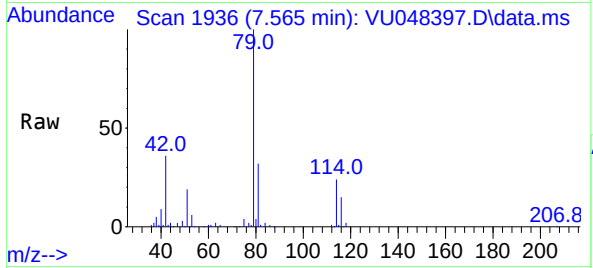




#39
cis-1,3-Dichloropropene
Concen: 1.025 ug/L
RT: 7.565 min Scan# 1950
Delta R.T. -0.045 min
Lab File: VU048397.D
Acq: 03 May 2022 17:54

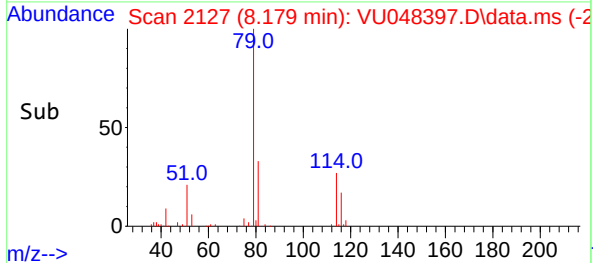
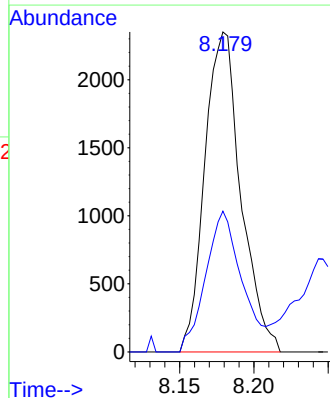
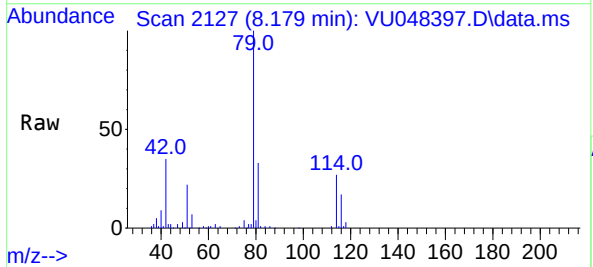
Instrument :
MSVOA_U
ClientSampleId :

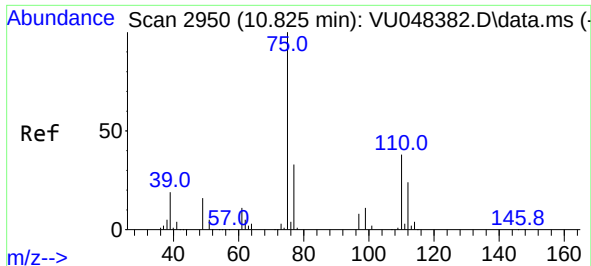
Tgt Ion: 75 Resp: 5205
Ion Ratio Lower Upper
75 100
77 52.7 22.0 41.0#



#44
trans-1,3-Dichloropropene
Concen: 0.803 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.032 min
Lab File: VU048397.D
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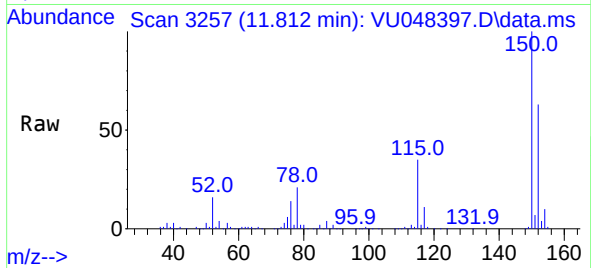
Tgt Ion: 75 Resp: 3982
Ion Ratio Lower Upper
75 100
77 44.0 22.1 41.1#





#60
 1,2,3-Trichloropropane
 Concen: 4.381 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU048397.D
 Acq: 03 May 2022 17:54

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 19770
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.8
 110 2.0 29.9 44.9#

