

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050427.D
 Acq On : 24 Aug 2022 15:48
 Operator : SY/MD
 Sample : N4319-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ZH6

Quant Time: Aug 25 05:32:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

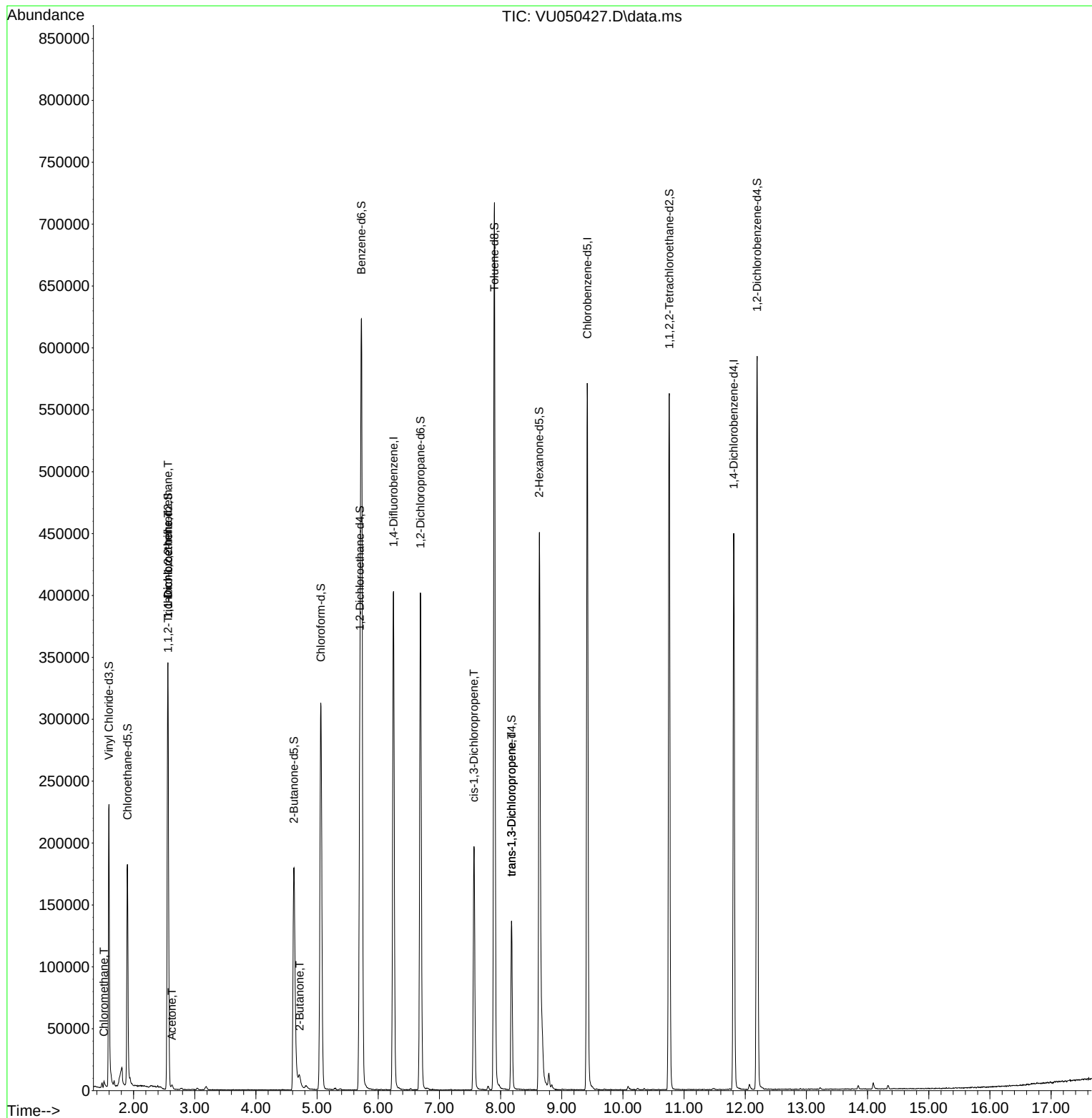
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	329532	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324791	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	120849	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	178373	45.778	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.560%
7) Chloroethane-d5	1.900	69	138409	48.005	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.020%
11) 1,1-Dichloroethene-d2	2.562	63	202853	36.838	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.680%
21) 2-Butanone-d5	4.620	46	259348	101.689	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.690%
24) Chloroform-d	5.063	84	286990	45.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
26) 1,2-Dichloroethane-d4	5.700	65	185530	47.726	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
32) Benzene-d6	5.726	84	591794	49.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.620%
36) 1,2-Dichloropropane-d6	6.690	67	196391	49.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	7.899	98	481166	45.821	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	8.179	79	76218	45.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
47) 2-Hexanone-d5	8.632	63	143651	97.365	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.370%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	293068	47.793	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	159813	55.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.720%
Target Compounds						
					Qvalue	
3) Chloromethane	1.517	50	4501	1.501	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1811	0.792	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1580	0.782	ug/L #	1
13) Acetone	2.626	43	4093	2.441	ug/L	89
22) 2-Butanone	4.713	43	16224	7.139	ug/L	85
39) cis-1,3-Dichloropropene	7.565	75	4656	1.241	ug/L #	76
44) trans-1,3-Dichloropropene	8.179	75	3231	0.924	ug/L #	83

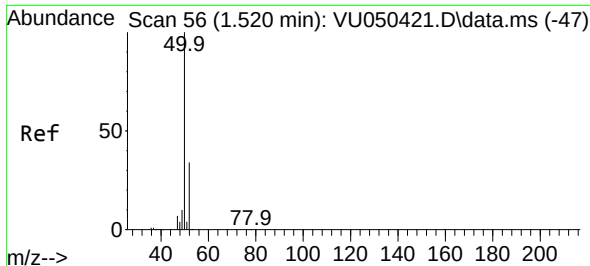
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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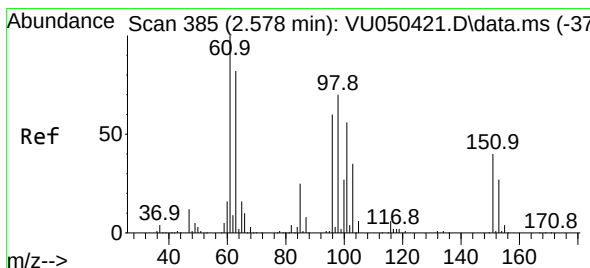
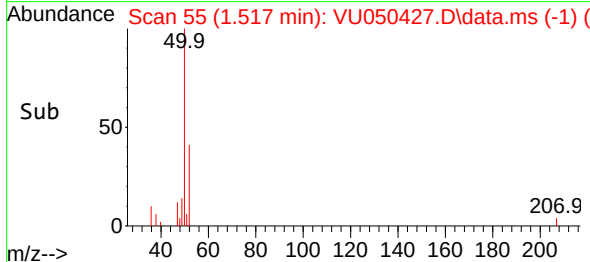
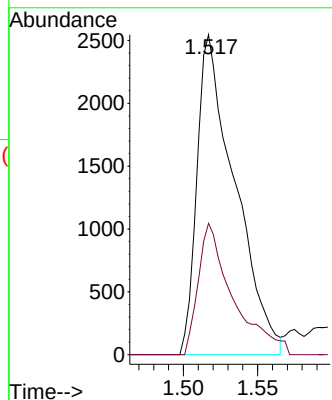
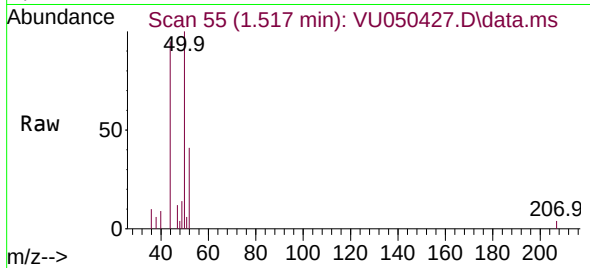




#3
Chloromethane
Concen: 1.501 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU050427.D
Acq: 24 Aug 2022 15:48

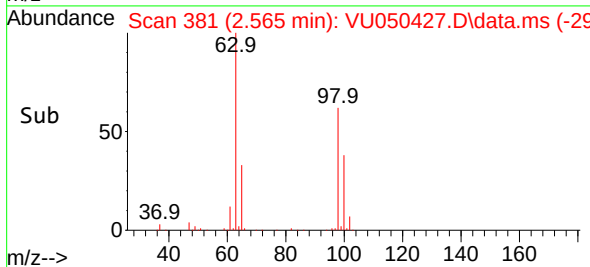
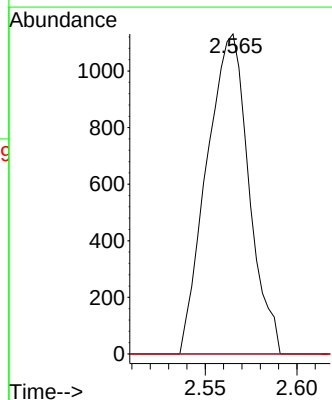
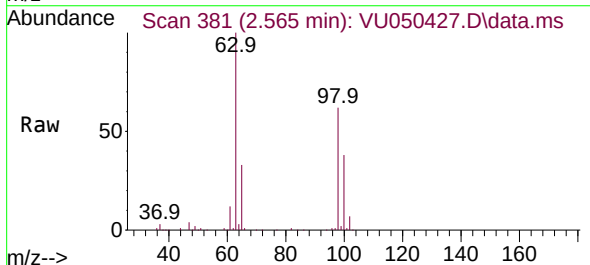
Instrument :
MSVOA_U
ClientSampleId :
C0ZH6

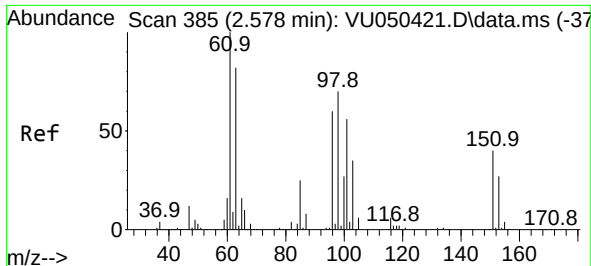
Tgt Ion: 50 Resp: 4501
Ion Ratio Lower Upper
50 100
52 41.0 23.4 43.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.792 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU050427.D
Acq: 24 Aug 2022 15:48

Tgt Ion: 101 Resp: 1811
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#





#12

1,1-Dichloroethene

Concen: 0.782 ug/L

RT: 2.562 min Scan# 385

Delta R.T. -0.016 min

Lab File: VU050427.D

Acq: 24 Aug 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

C0ZH6

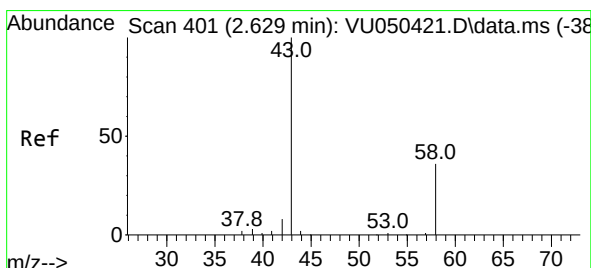
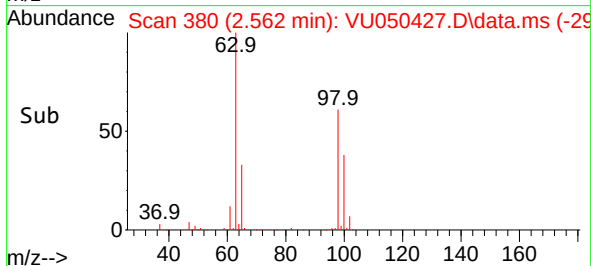
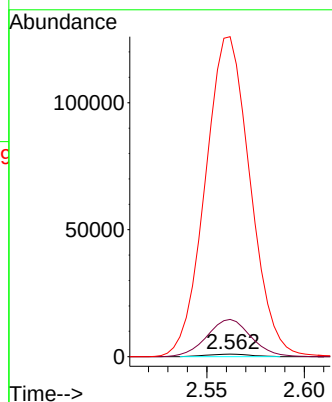
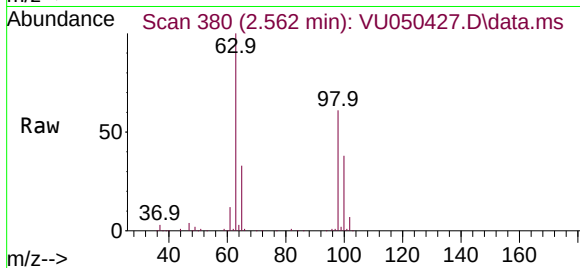
Tgt Ion: 96 Resp: 1580

Ion Ratio Lower Upper

96 100

61 1493.3 116.8 216.8#

63 12805.7 97.4 180.8#



#13

Acetone

Concen: 2.441 ug/L

RT: 2.626 min Scan# 400

Delta R.T. -0.003 min

Lab File: VU050427.D

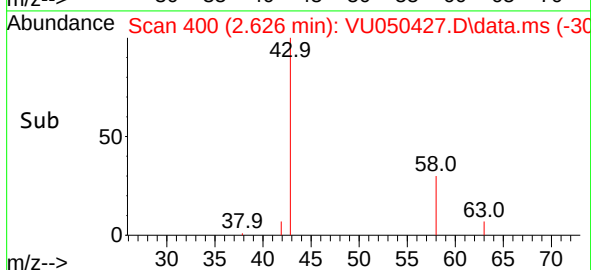
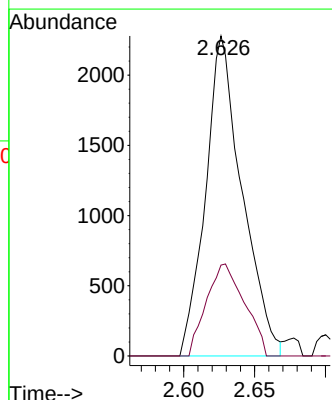
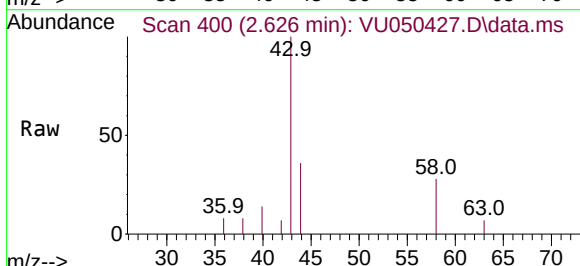
Acq: 24 Aug 2022 15:48

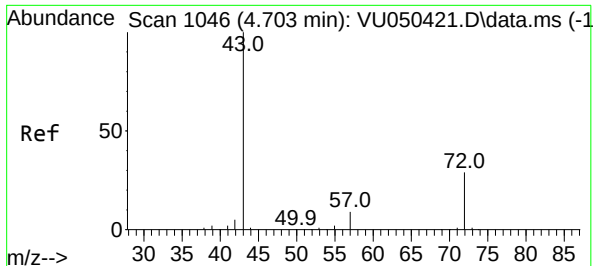
Tgt Ion: 43 Resp: 4093

Ion Ratio Lower Upper

43 100

58 29.9 0.0 72.2





#22

2-Butanone

Concen: 7.139 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU050427.D

Acq: 24 Aug 2022 15:48

Instrument :

MSVOA_U

ClientSampleId :

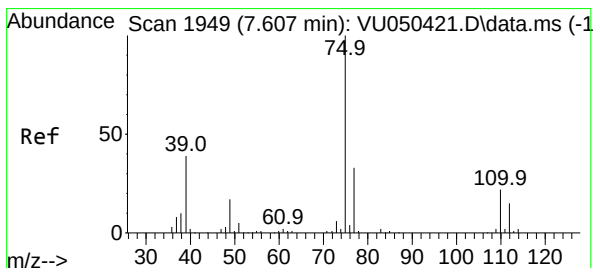
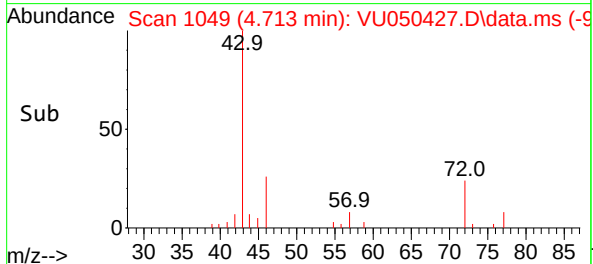
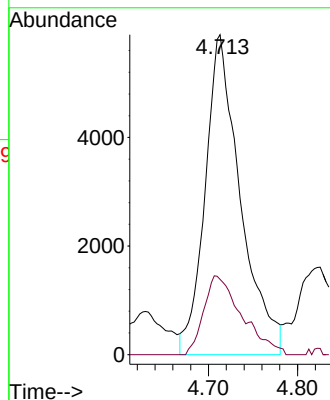
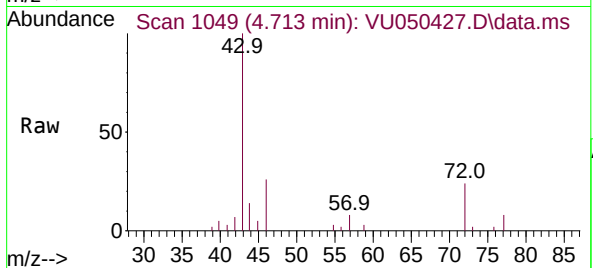
C0ZH6

Tgt Ion: 43 Resp: 16224

Ion Ratio Lower Upper

43 100

72 21.9 15.0 45.0



#39

cis-1,3-Dichloropropene

Concen: 1.241 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU050427.D

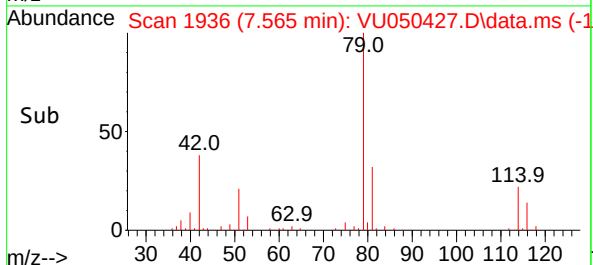
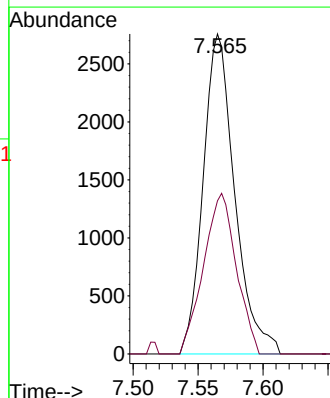
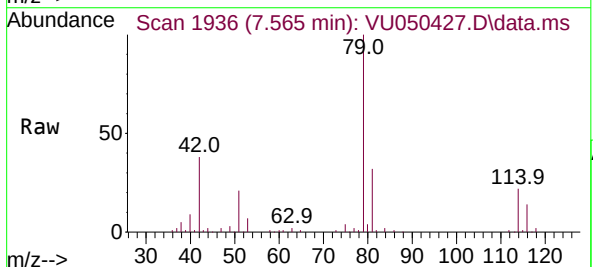
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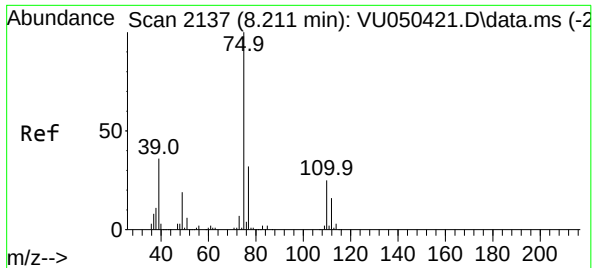
Tgt Ion: 75 Resp: 4656

Ion Ratio Lower Upper

75 100

77 46.2 22.8 42.4#





#44
 trans-1,3-Dichloropropene
 Concen: 0.924 ug/L
 RT: 8.179 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: VU050427.D
 Acq: 24 Aug 2022 15:48

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ZH6

Tgt Ion: 75 Resp: 3231
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.5 41.7#

