

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050645.D
 Acq On : 06 Sep 2022 19:42
 Operator : SY/MD
 Sample : N4482-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 01:42:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

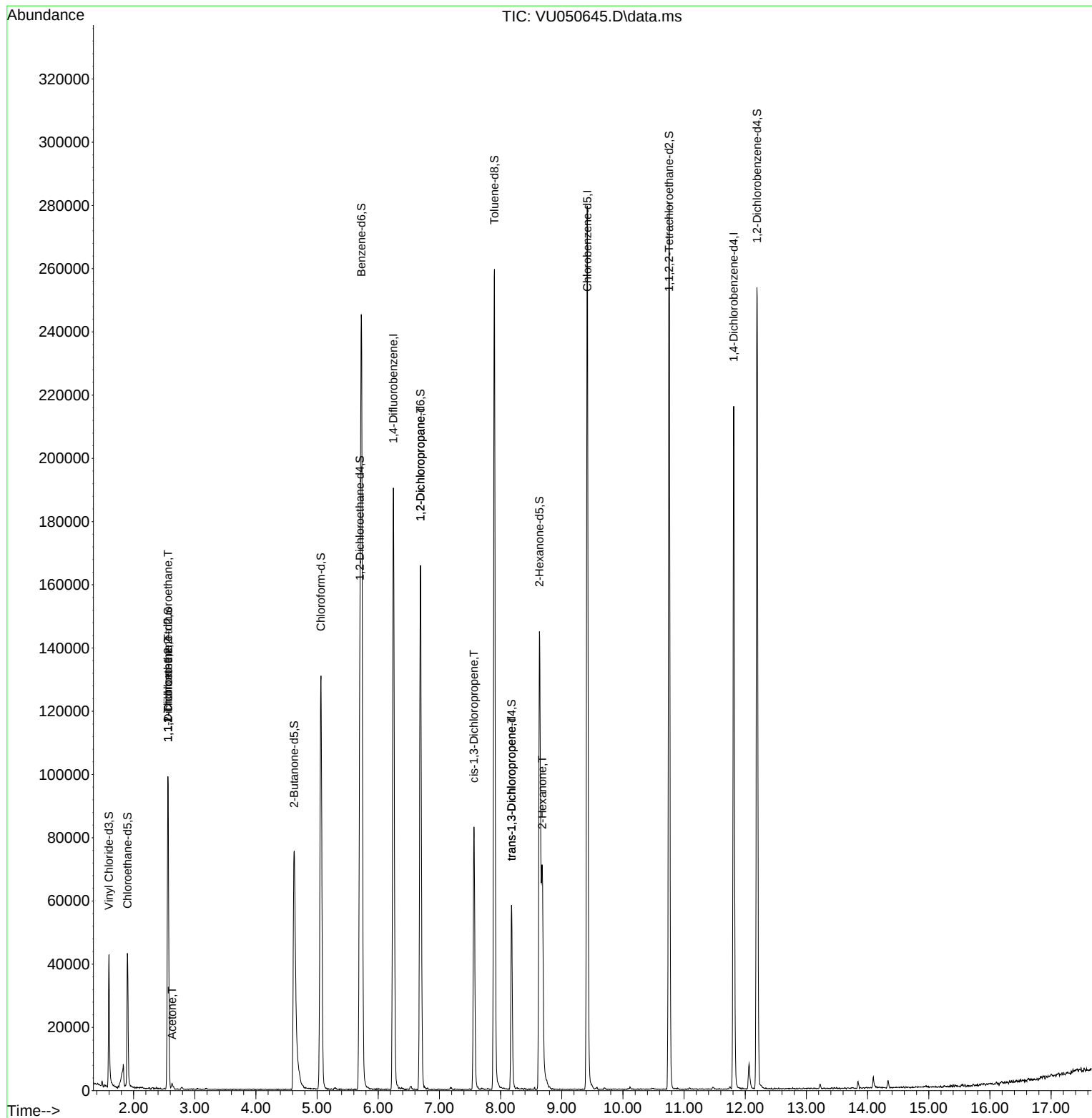
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	161862	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	163388	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60009	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	34024	24.576	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	49.160%#	
7) Chloroethane-d5	1.900	69	32517	34.733	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	69.460%#	
11) 1,1-Dichloroethene-d2	2.562	63	56996	23.297	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	46.600%#	
21) 2-Butanone-d5	4.623	46	113701	112.255	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	112.250%	
24) Chloroform-d	5.063	84	124807	47.566	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.140%	
26) 1,2-Dichloroethane-d4	5.700	65	89824	56.021	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	112.040%	
32) Benzene-d6	5.726	84	229893	42.577	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.160%	
36) 1,2-Dichloropropane-d6	6.690	67	81873	46.184	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	92.360%	
41) Toluene-d8	7.899	98	179967	38.976	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	77.960%#	
43) trans-1,3-Dichloroprop...	8.179	79	34172	46.588	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.180%	
47) 2-Hexanone-d5	8.636	63	41758	93.646	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	93.650%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	138367	51.578	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.160%	
66) 1,2-Dichlorobenzene-d4	12.192	152	68919	49.061	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.120%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	464	0.367	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	450	0.366	ug/L #	1
13) Acetone	2.629	43	2235	2.925	ug/L	81
37) 1,2-Dichloropropane	6.690	63	8668	5.519	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2124	0.999	ug/L #	45
44) trans-1,3-Dichloropropene	8.179	75	1519	0.762	ug/L #	69
48) 2-Hexanone	8.684	43	36490	18.268	ug/L #	81

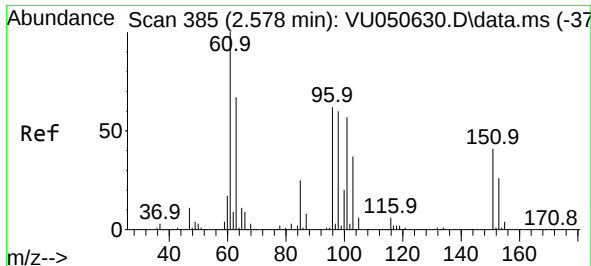
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.367 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050645.D

Acq: 06 Sep 2022 19:42

Instrument :

MSVOA_U

ClientSampleId :

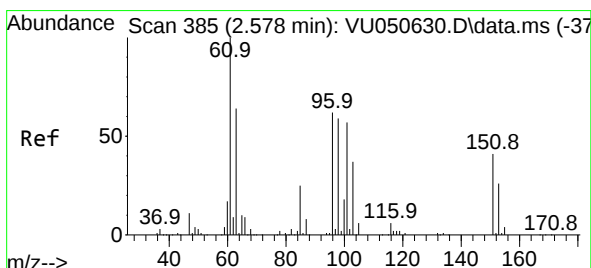
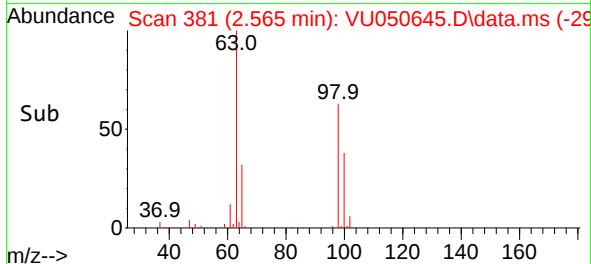
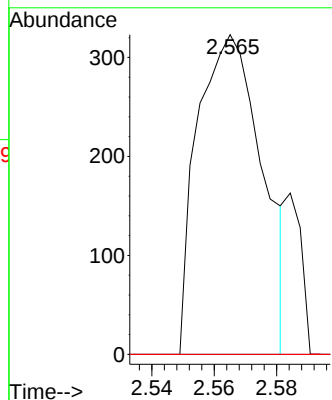
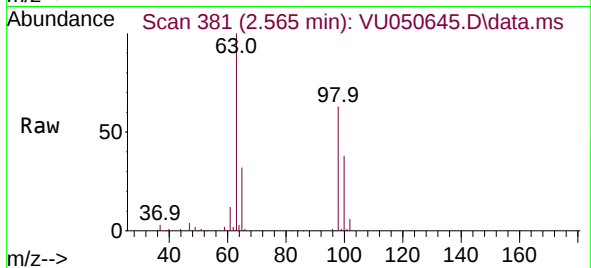
Tgt Ion:101 Resp: 464

Ion Ratio Lower Upper

101 100

85 0.0 34.4 51.6#

151 0.0 57.7 86.5#



#12

1,1-Dichloroethene

Concen: 0.366 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050645.D

Acq: 06 Sep 2022 19:42

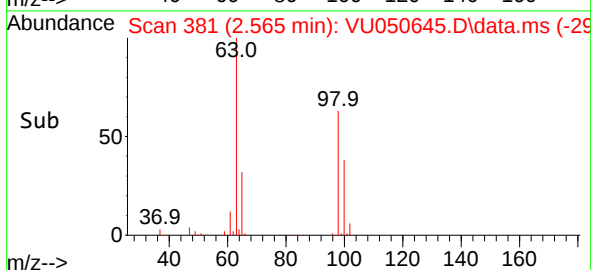
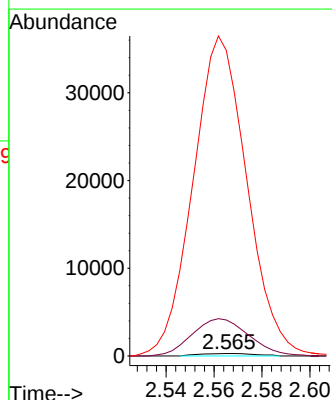
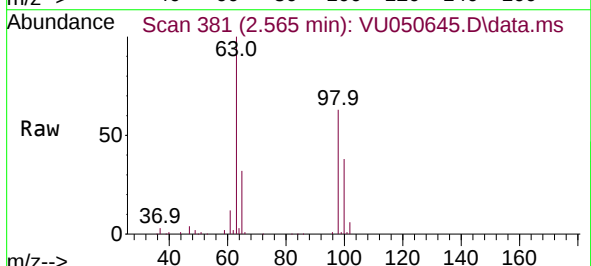
Tgt Ion: 96 Resp: 450

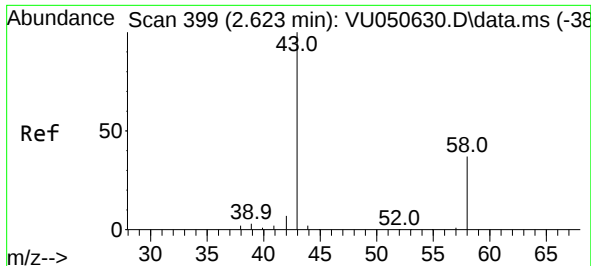
Ion Ratio Lower Upper

96 100

61 1541.2 118.0 219.1#

63 13045.7 79.5 147.7#





#13

Acetone

Concen: 2.925 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

Lab File: VU050645.D

Acq: 06 Sep 2022 19:42

Instrument :

MSVOA_U

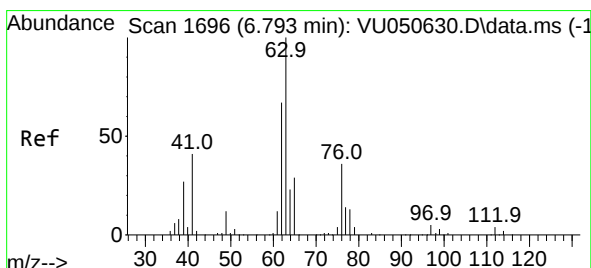
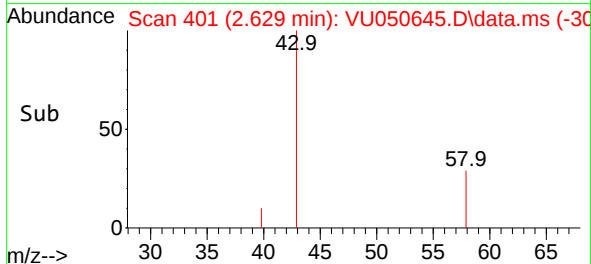
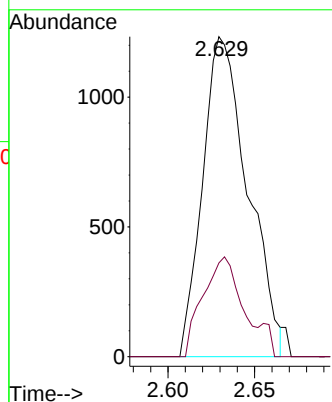
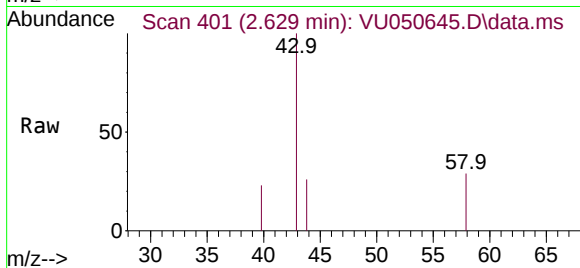
ClientSampleId :

Tgt Ion: 43 Resp: 2235

Ion Ratio Lower Upper

43 100

58 26.6 0.0 76.2



#37

1,2-Dichloropropane

Concen: 5.519 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.103 min

Lab File: VU050645.D

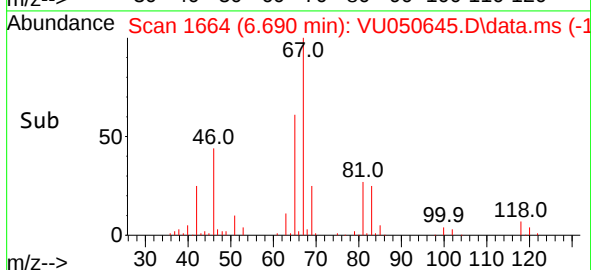
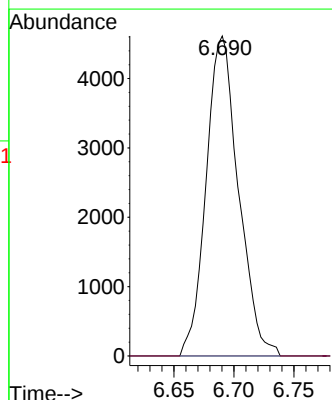
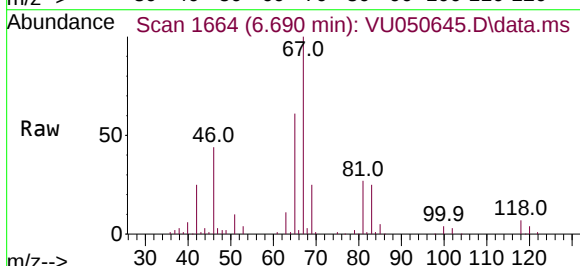
Acq: 06 Sep 2022 19:42

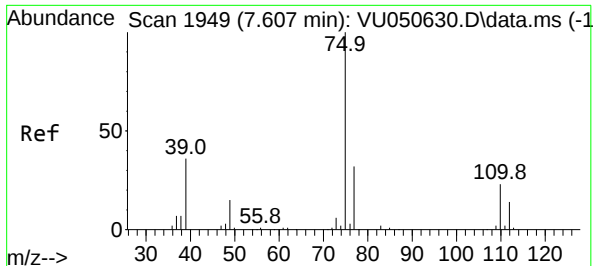
Tgt Ion: 63 Resp: 8668

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 0.999 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050645.D

Acq: 06 Sep 2022 19:42

Instrument :

MSVOA_U

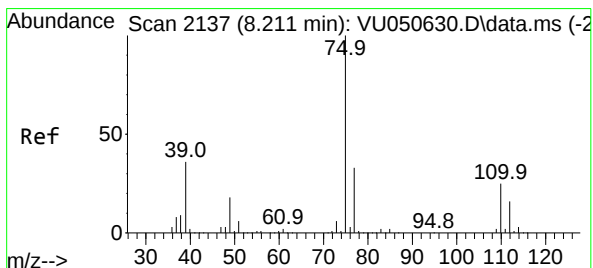
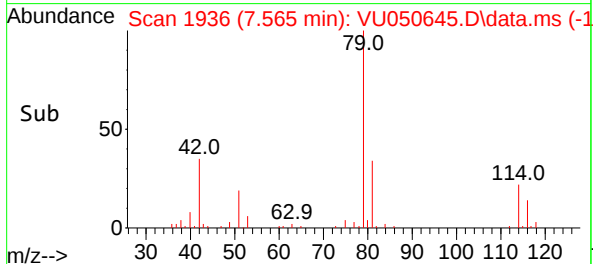
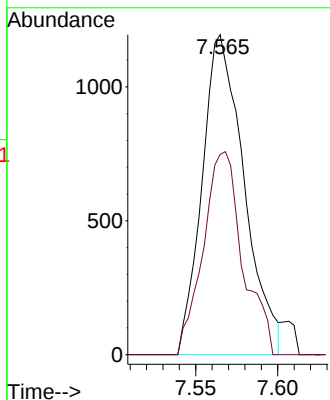
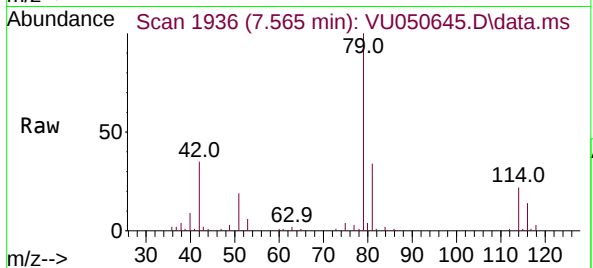
ClientSampleId :

Tgt Ion: 75 Resp: 2124

Ion Ratio Lower Upper

75 100

77 62.6 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.762 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050645.D

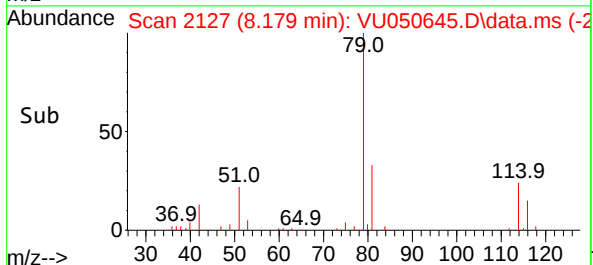
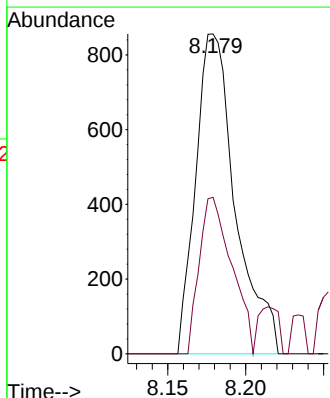
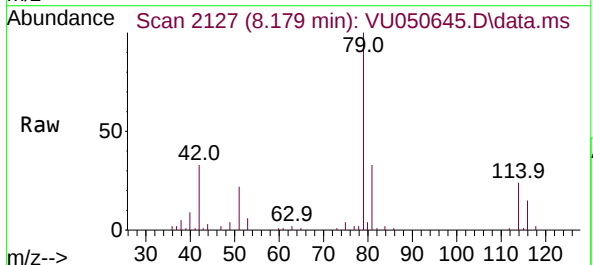
Acq: 06 Sep 2022 19:42

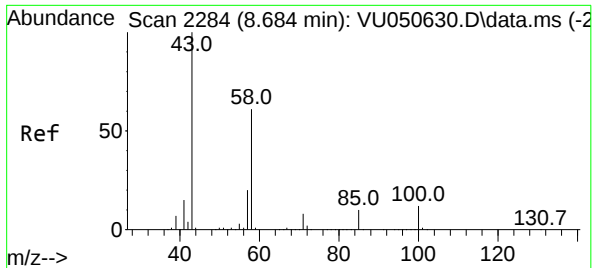
Tgt Ion: 75 Resp: 1519

Ion Ratio Lower Upper

75 100

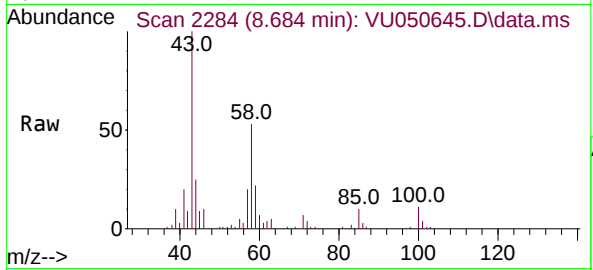
77 48.9 22.1 41.1#





#48
 2-Hexanone
 Concen: 18.268 ug/L
 RT: 8.684 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU050645.D
 Acq: 06 Sep 2022 19:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	43	Resp:	36490
Ion	Ratio	Lower	Upper
43	100		
58	53.5	51.8	77.6
57	0.2	17.0	25.4#
100	11.5	9.8	14.8

