

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050644.D
 Acq On : 06 Sep 2022 19:18
 Operator : SY/MD
 Sample : N4482-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 01:42:04 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)

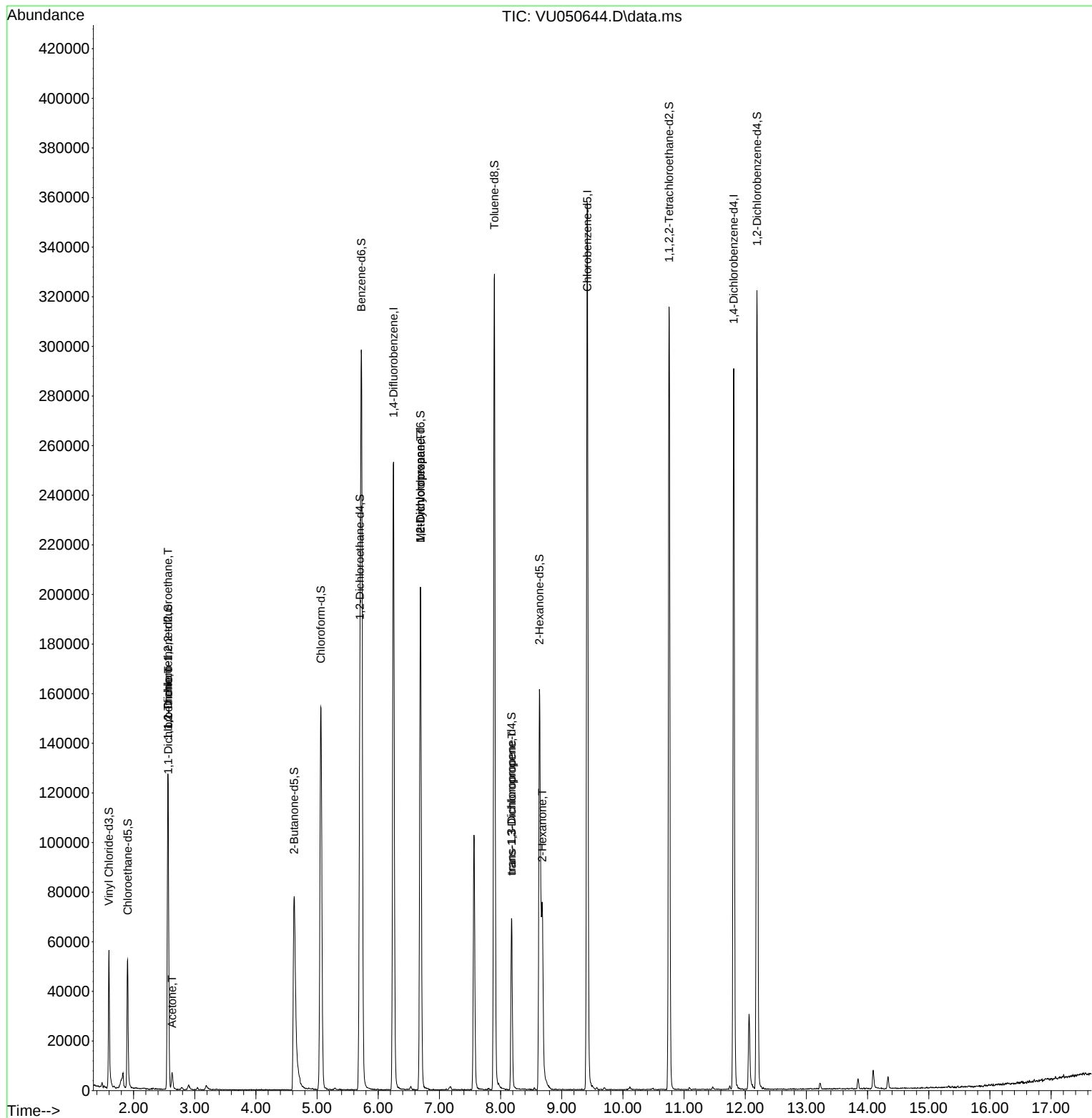
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	207526	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	80231	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43441	24.474	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	48.940%	#	
7) Chloroethane-d5	1.903	69	40496	33.738	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	67.480%	#	
11) 1,1-Dichloroethene-d2	2.562	63	73654	23.482	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	46.960%	#	
21) 2-Butanone-d5	4.623	46	114931	88.501	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.500%		
24) Chloroform-d	5.063	84	150450	44.722	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.440%		
26) 1,2-Dichloroethane-d4	5.700	65	102911	50.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.120%		
32) Benzene-d6	5.726	84	280318	40.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.740%		
36) 1,2-Dichloropropane-d6	6.690	67	98445	43.718	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.440%		
41) Toluene-d8	7.899	98	226614	38.637	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.280%	#	
43) trans-1,3-Dichloroprop...	8.179	79	41680	44.735	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.460%		
47) 2-Hexanone-d5	8.635	63	46908	82.815	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.820%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	156441	45.909	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.820%		
66) 1,2-Dichlorobenzene-d4	12.192	152	87885	46.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.580%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	701	0.432	ug/L #	21
12) 1,1-Dichloroethene	2.568	96	758	0.481	ug/L #	1
13) Acetone	2.629	43	7881	8.045	ug/L	95
35) Methylcyclohexane	6.690	83	23690	8.467	ug/L #	18
37) 1,2-Dichloropropane	6.690	63	10615	5.321	ug/L #	89
44) trans-1,3-Dichloropropene	8.182	75	1807	0.713	ug/L	90
48) 2-Hexanone	8.684	43	37245	14.679	ug/L	94

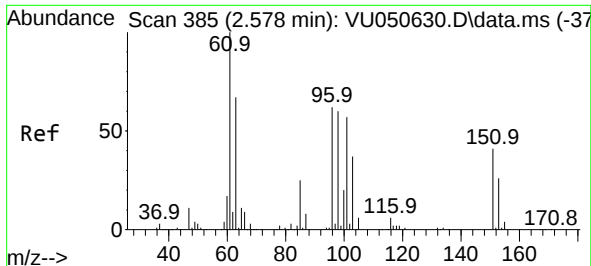
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 07 01:37:50 2022
Response via : Initial Calibration





#10

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

Concen: 0.432 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

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MSVOA_U

ClientSampleId :

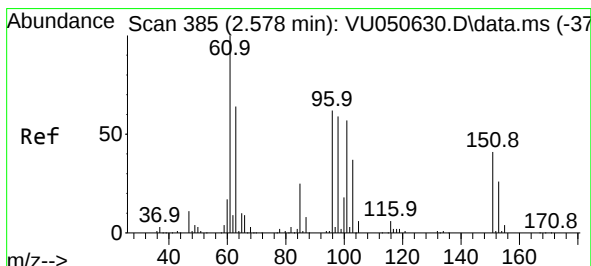
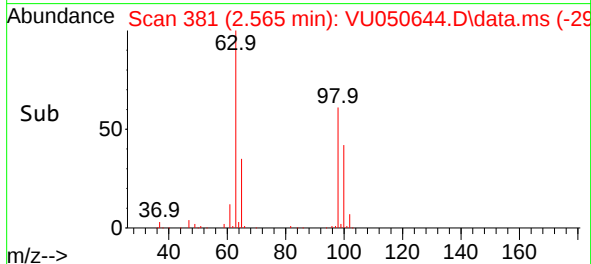
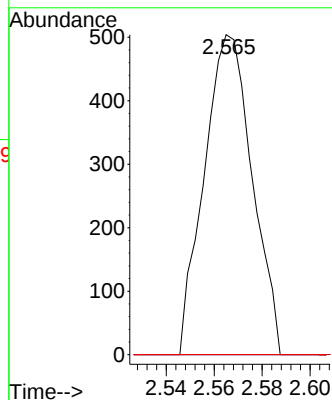
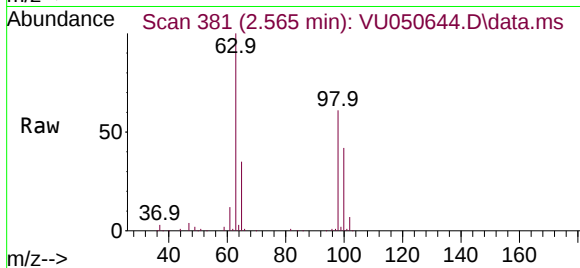
Tgt Ion:101 Resp: 701

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: 0.481 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.010 min

Lab File: VU050644.D

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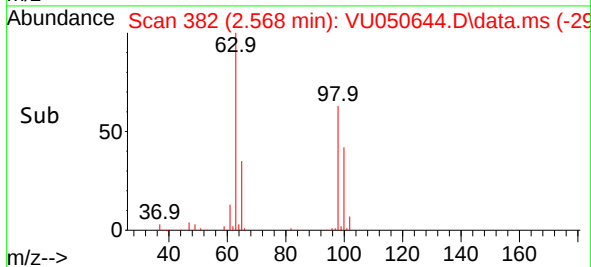
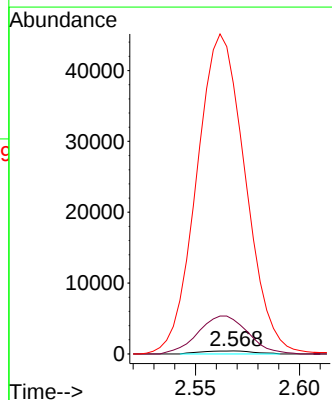
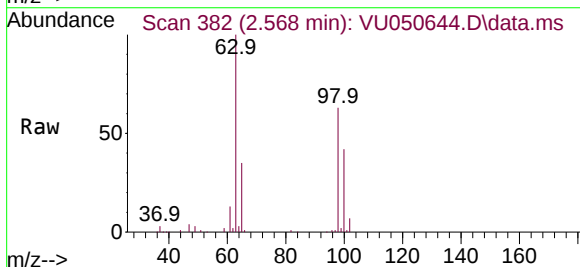
Tgt Ion: 96 Resp: 758

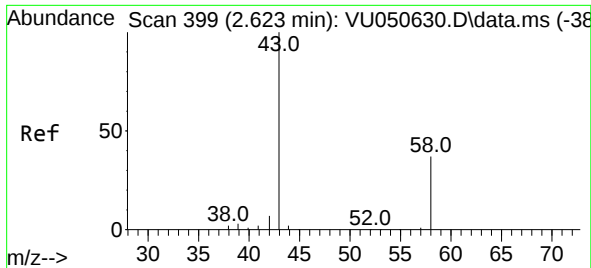
Ion Ratio Lower Upper

96 100

61 1141.9 118.0 219.1#

63 8990.1 79.5 147.7#





#13

Acetone

Concen: 8.045 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.006 min

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Instrument :

MSVOA_U

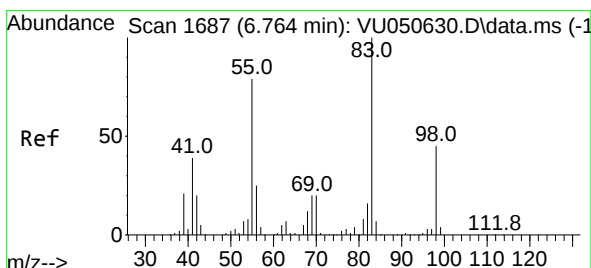
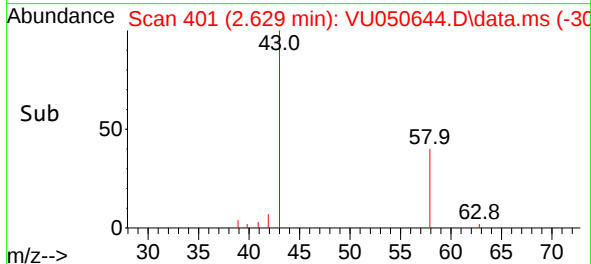
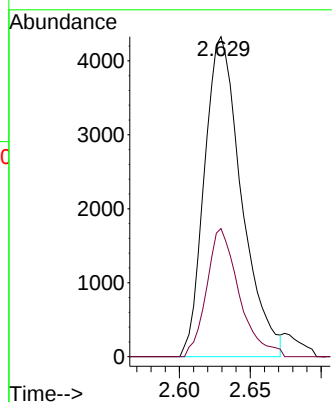
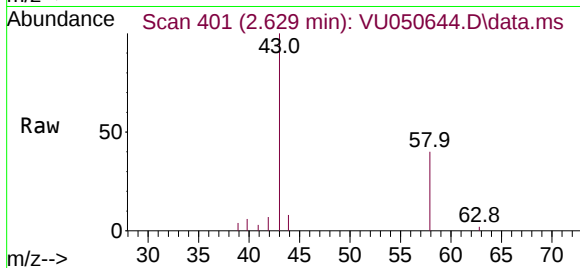
ClientSampleId :

Tgt Ion: 43 Resp: 7881

Ion Ratio Lower Upper

43 100

58 35.1 0.0 76.2



#35

Methylcyclohexane

Concen: 8.467 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU050644.D

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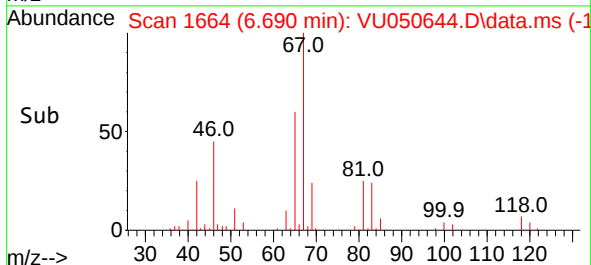
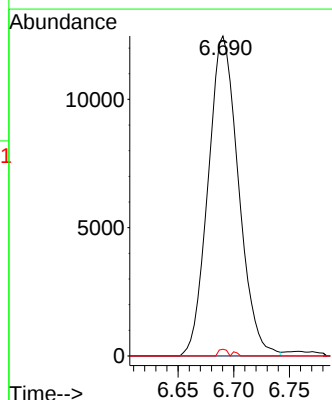
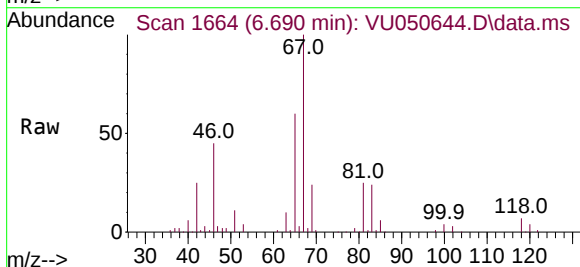
Tgt Ion: 83 Resp: 23690

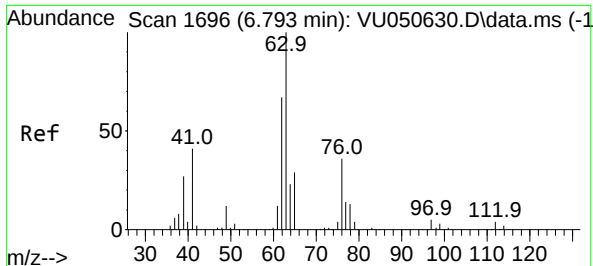
Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

98 0.6 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 5.321 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050644.D

Acq: 06 Sep 2022 19:18

Instrument :

MSVOA_U

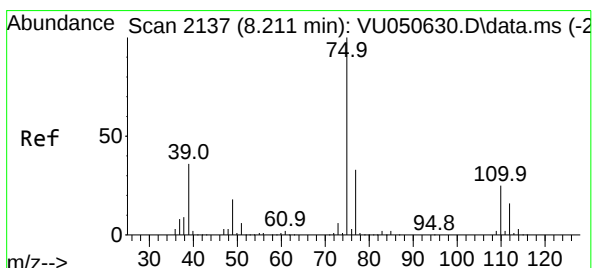
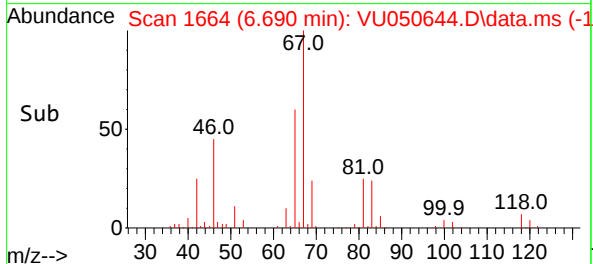
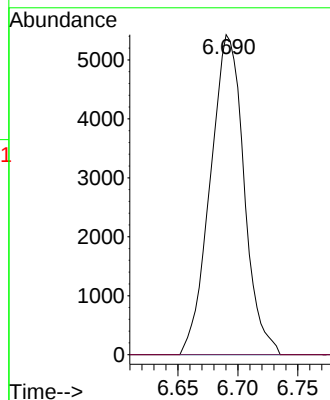
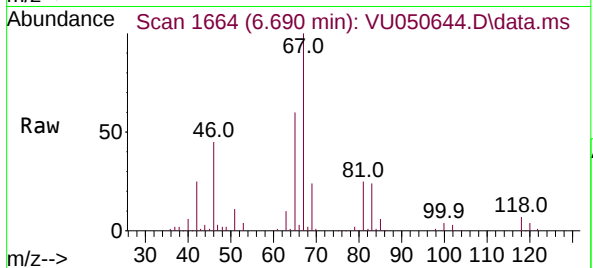
ClientSampleId :

Tgt Ion: 63 Resp: 10615

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#44

trans-1,3-Dichloropropene

Concen: 0.713 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU050644.D

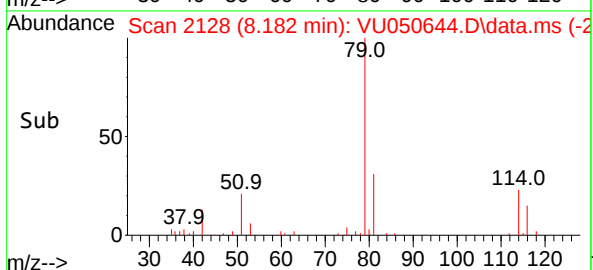
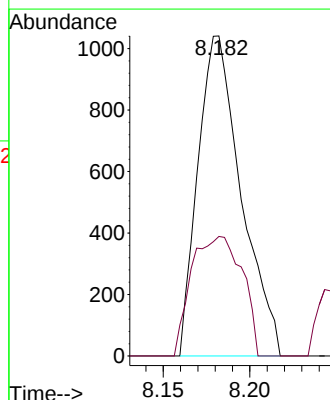
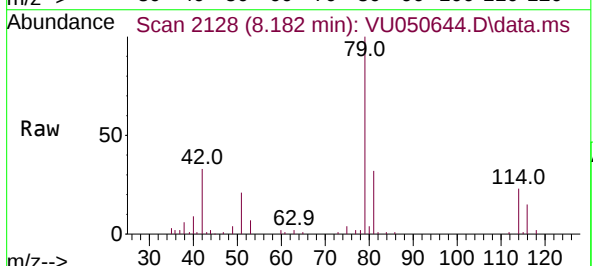
Acq: 06 Sep 2022 19:18

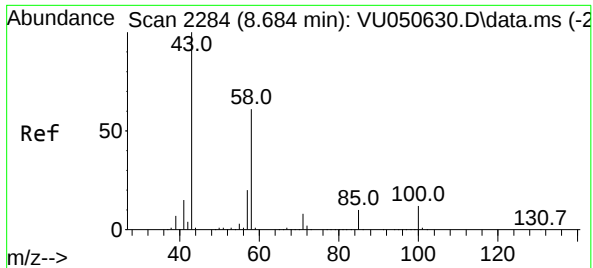
Tgt Ion: 75 Resp: 1807

Ion Ratio Lower Upper

75 100

77 37.4 22.1 41.1





#48

2-Hexanone

Concen: 14.679 ug/L

RT: 8.684 min Scan# 21

Delta R.T. -0.000 min

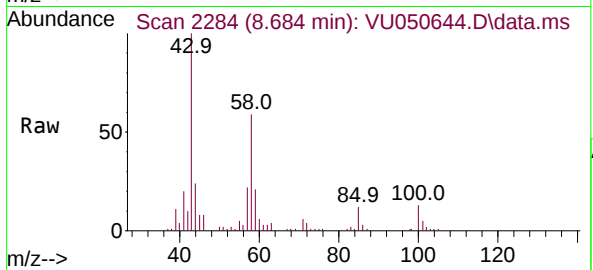
Lab File: VU050644.D

Acq: 06 Sep 2022 19:18

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 37245

Ion Ratio Lower Upper

43 100

58 59.0 51.8 77.6

57 23.4 17.0 25.4

100 11.0 9.8 14.8

