

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050639.D
 Acq On : 06 Sep 2022 17:20
 Operator : SY/MD
 Sample : N4482-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 01:40:23 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)

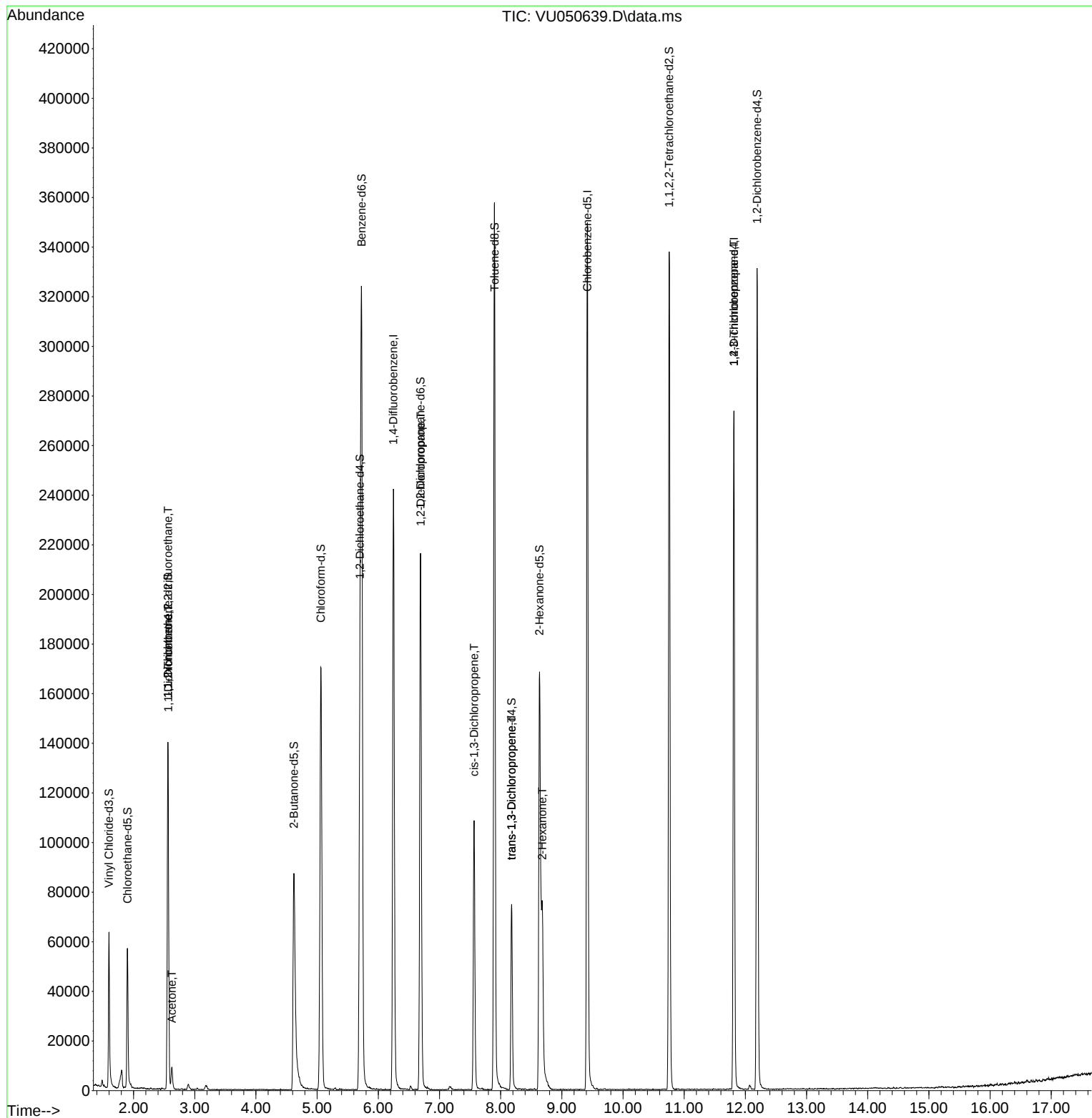
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202643	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202644	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75779	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49292	28.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	56.880%#		
7) Chloroethane-d5	1.900	69	44169	37.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.360%		
11) 1,1-Dichloroethene-d2	2.562	63	81375	26.568	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.140%#		
21) 2-Butanone-d5	4.620	46	123450	97.352	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.350%		
24) Chloroform-d	5.060	84	163249	49.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.400%		
26) 1,2-Dichloroethane-d4	5.700	65	109942	54.769	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.540%		
32) Benzene-d6	5.726	84	303482	45.318	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.640%		
36) 1,2-Dichloropropane-d6	6.690	67	107218	48.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.520%		
41) Toluene-d8	7.899	98	247707	43.254	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.500%		
43) trans-1,3-Dichloroprop...	8.179	79	45512	50.029	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.060%		
47) 2-Hexanone-d5	8.632	63	49439	89.394	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.390%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	171391	51.512	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.020%		
66) 1,2-Dichlorobenzene-d4	12.192	152	91260	51.445	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.880%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	576	0.364	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	641	0.417	ug/L #	1
13) Acetone	2.626	43	9670	10.109	ug/L	95
37) 1,2-Dichloropropane	6.694	63	11195	5.747	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2679	1.016	ug/L #	47
44) trans-1,3-Dichloropropene	8.179	75	1826	0.738	ug/L	85
48) 2-Hexanone	8.681	43	35854	14.472	ug/L	94
60) 1,2,3-Trichloropropane	11.812	75	8607	3.871	ug/L #	66

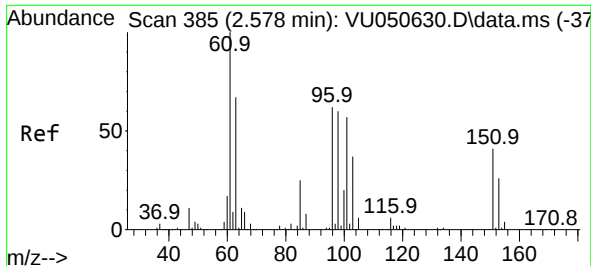
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.364 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050639.D

Acq: 06 Sep 2022 17:20

Instrument :

MSVOA_U

ClientSampleId :

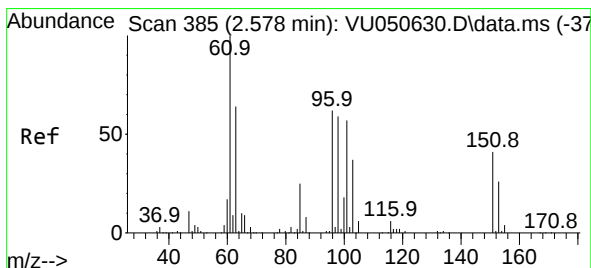
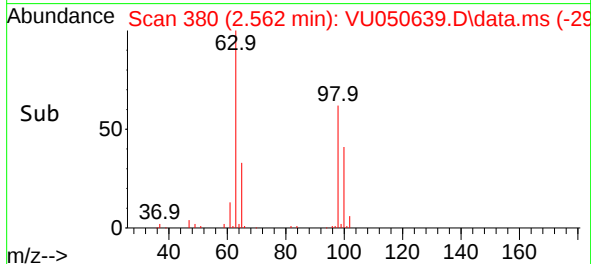
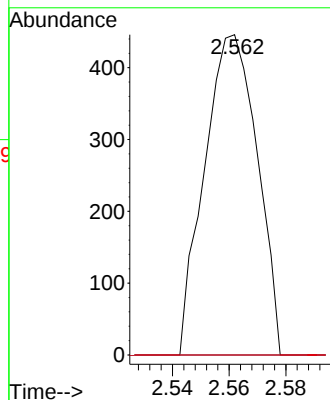
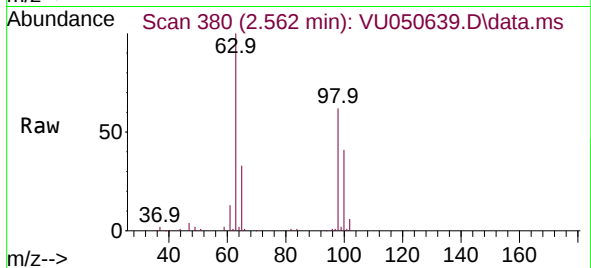
Tgt Ion:101 Resp: 576

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: 0.417 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050639.D

Acq: 06 Sep 2022 17:20

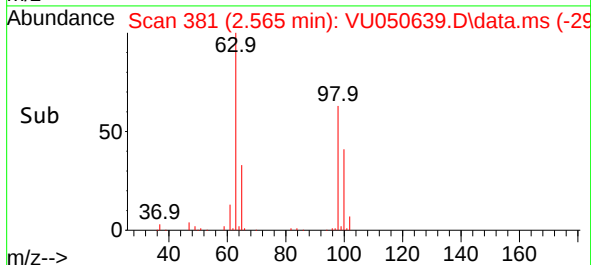
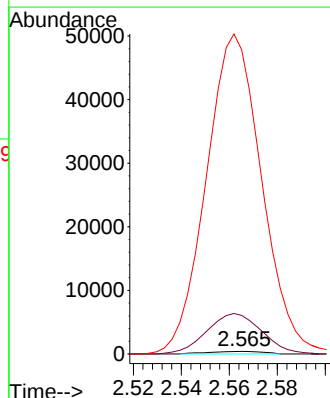
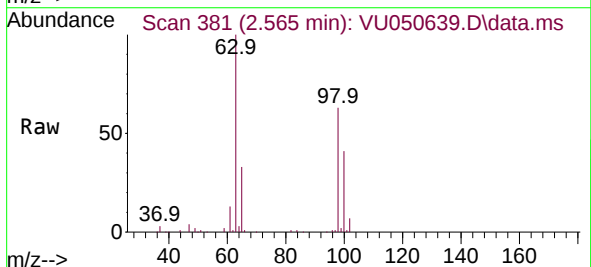
Tgt Ion: 96 Resp: 641

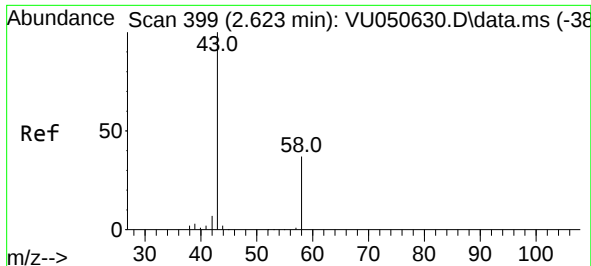
Ion Ratio Lower Upper

96 100

61 1485.5 118.0 219.1#

63 11731.4 79.5 147.7#





#13

Acetone

Concen: 10.109 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU050639.D

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Instrument :

MSVOA_U

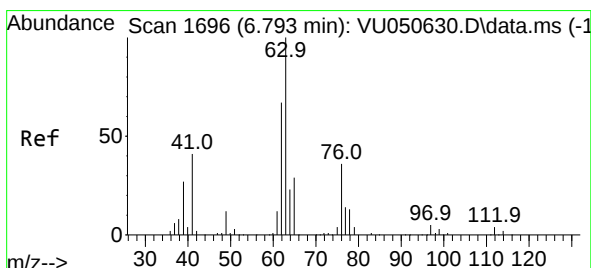
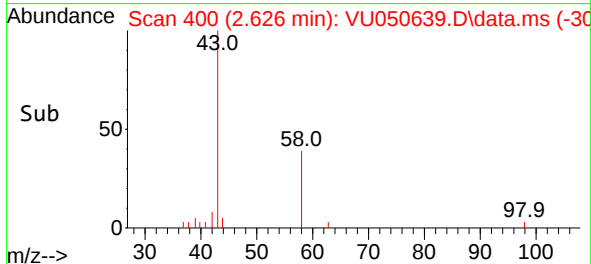
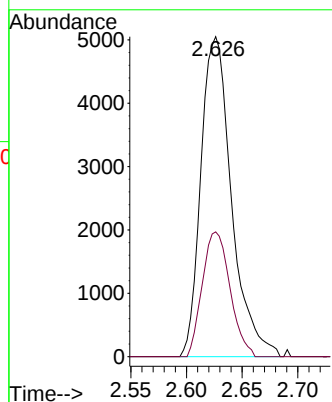
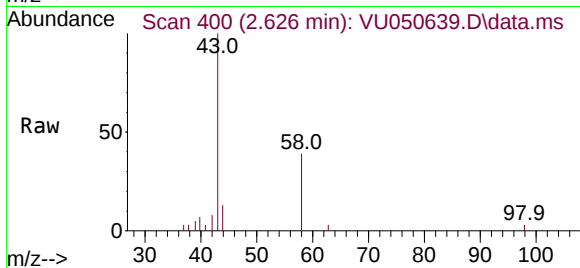
ClientSampleId :

Tgt Ion: 43 Resp: 9670

Ion Ratio Lower Upper

43 100

58 35.2 0.0 76.2



#37

1,2-Dichloropropane

Concen: 5.747 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050639.D

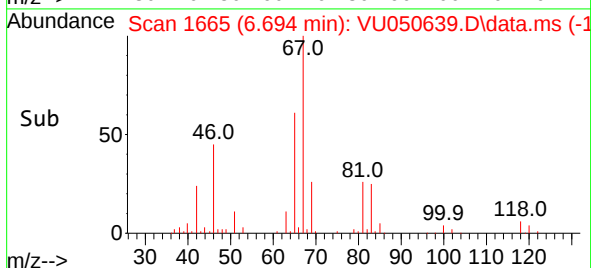
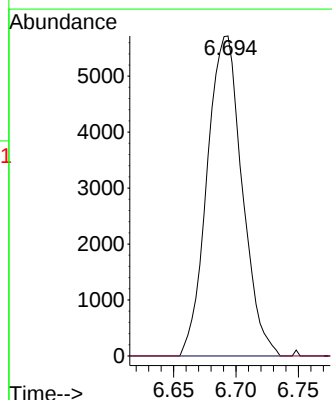
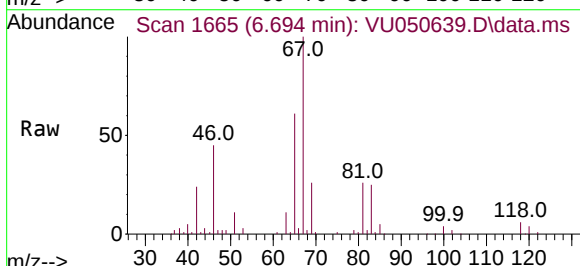
Acq: 06 Sep 2022 17:20

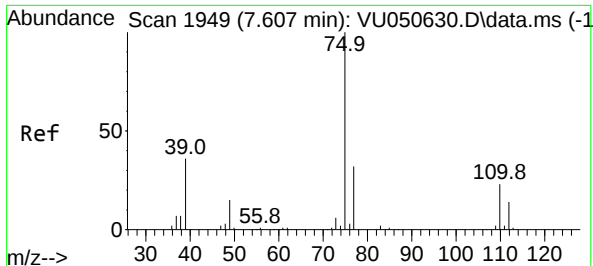
Tgt Ion: 63 Resp: 11195

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.016 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050639.D

Acq: 06 Sep 2022 17:20

Instrument :

MSVOA_U

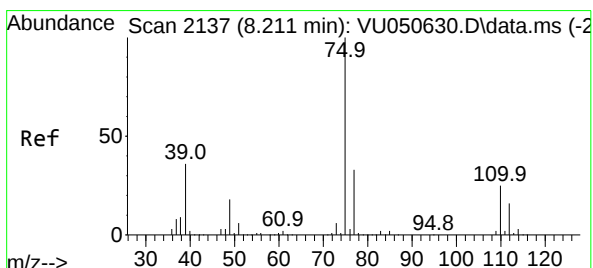
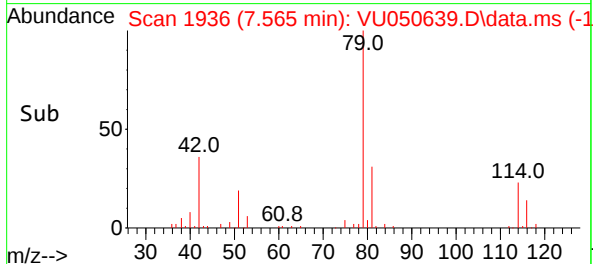
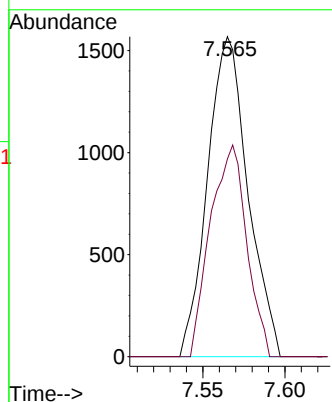
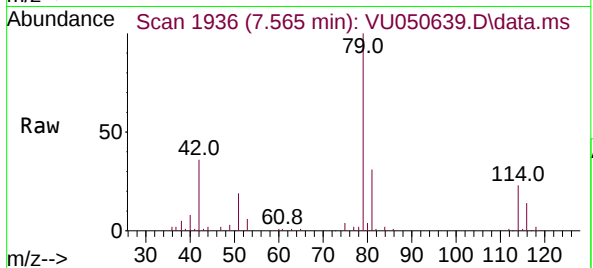
ClientSampleId :

Tgt Ion: 75 Resp: 2679

Ion Ratio Lower Upper

75 100

77 61.7 22.5 41.7#



#44

trans-1,3-Dichloropropene

Concen: 0.738 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU050639.D

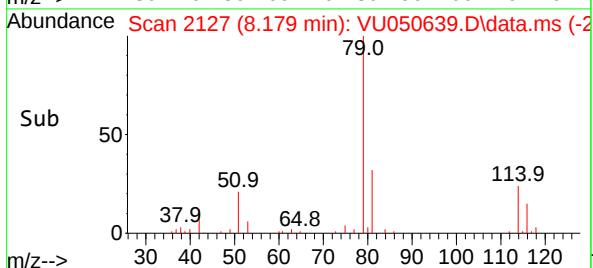
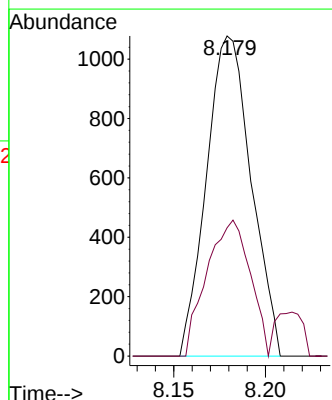
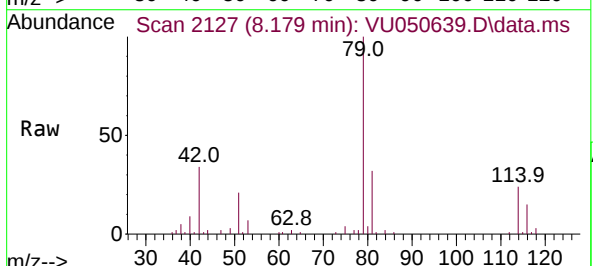
Acq: 06 Sep 2022 17:20

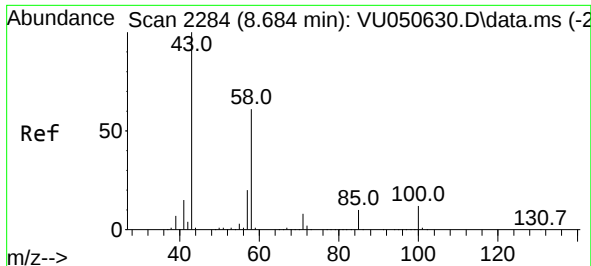
Tgt Ion: 75 Resp: 1826

Ion Ratio Lower Upper

75 100

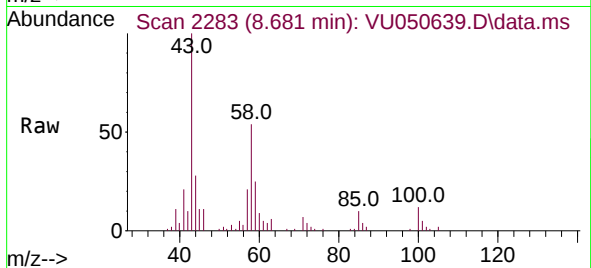
77 40.1 22.1 41.1



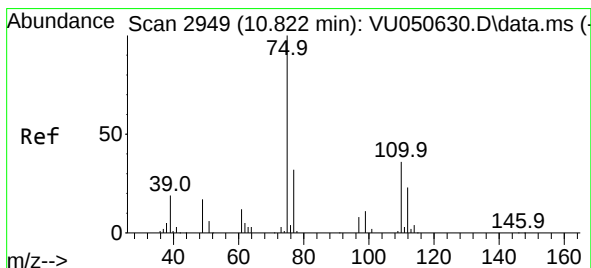
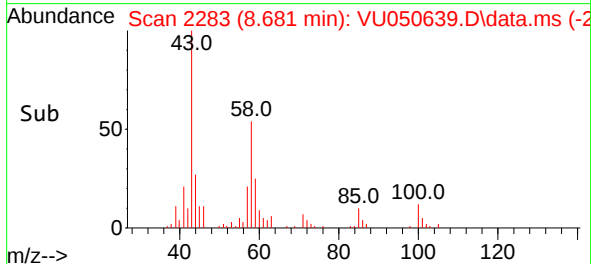
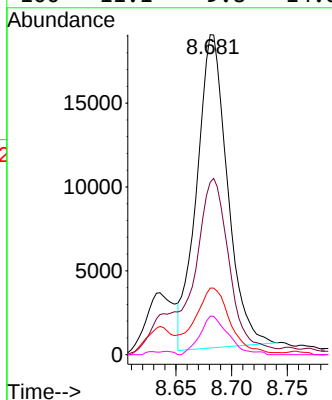


#48
2-Hexanone
Concen: 14.472 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050639.D
Acq: 06 Sep 2022 17:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	43	Resp:	35854
Ion	Ratio	Lower	Upper
43	100		
58	59.8	51.8	77.6
57	23.7	17.0	25.4
100	11.1	9.8	14.8



#60
1,2,3-Trichloropropane
Concen: 3.871 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050639.D
Acq: 06 Sep 2022 17:20

Tgt Ion:	75	Resp:	8607
Ion	Ratio	Lower	Upper
75	100		
77	29.5	25.8	38.8
110	1.7	29.3	43.9#

