

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090322\
 Data File : VU050618.D
 Acq On : 03 Sep 2022 17:33
 Operator : SY/MD
 Sample : N4481-05 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5

Quant Time: Sep 05 01:08:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 05 01:05:15 2022
 Response via : Initial Calibration

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

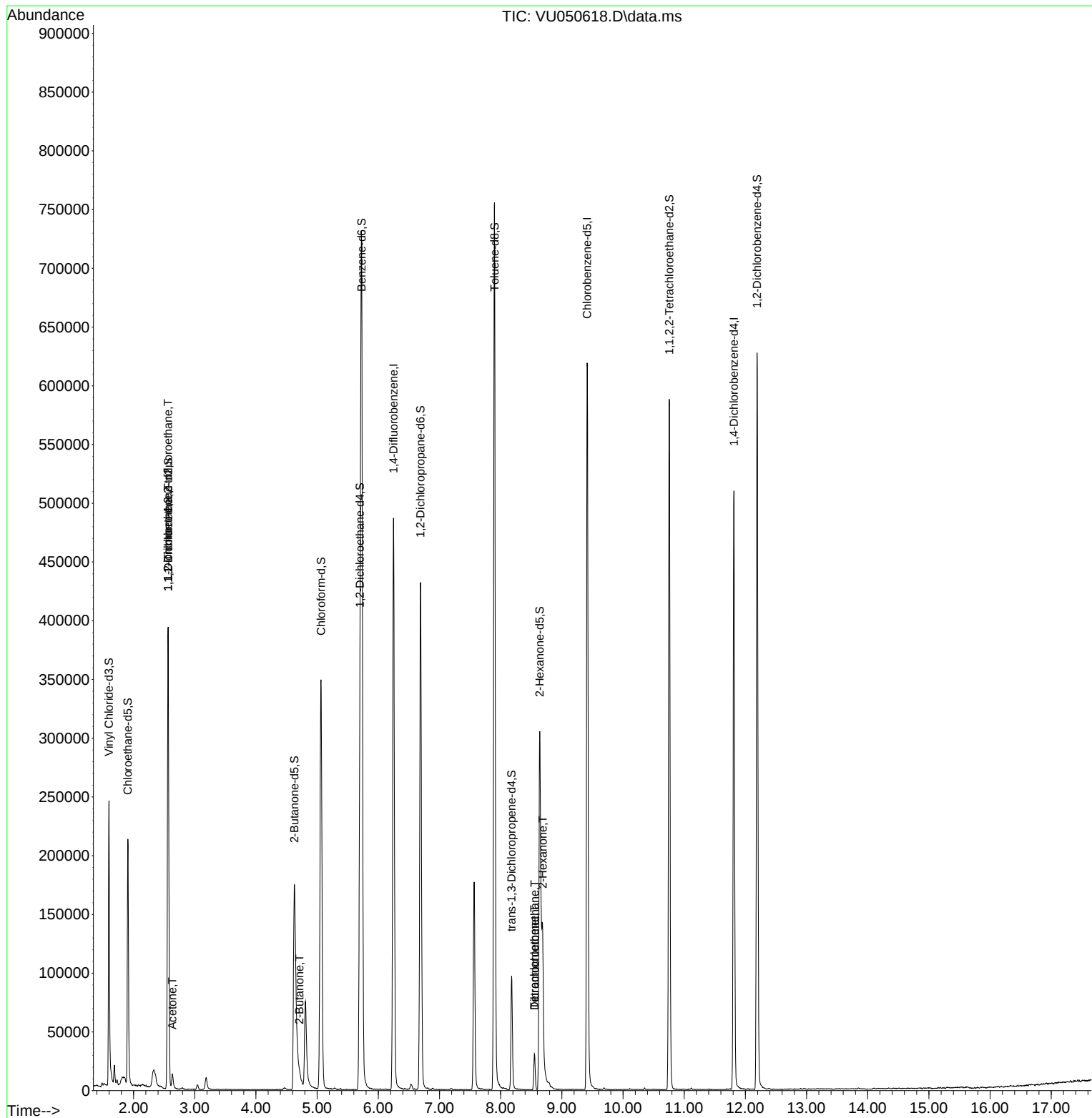
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	395169	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	358634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138522	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	191716	56.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 113.440%	
7) Chloroethane-d5	1.906	69	157867	69.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 138.140%#	
11) 1,1-Dichloroethene-d2	2.565	63	234630	39.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 78.560%	
21) 2-Butanone-d5	4.626	46	264208	106.843	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 106.840%	
24) Chloroform-d	5.063	84	339361	52.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.960%	
26) 1,2-Dichloroethane-d4	5.700	65	213598	54.566	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.140%	
32) Benzene-d6	5.726	84	687615	58.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.040%	
36) 1,2-Dichloropropane-d6	6.690	67	215884	55.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.960%	
41) Toluene-d8	7.899	98	525041	51.804	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 103.600%	
43) trans-1,3-Dichloroprop...	8.179	79	57188	35.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 71.040%	
47) 2-Hexanone-d5	8.636	63	88959	90.889	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 90.890%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	311466	52.895	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 105.780%	
66) 1,2-Dichlorobenzene-d4	12.192	152	170233	52.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2480	0.803	ug/L #	21
12) 1,1-Dichloroethene	2.562	96	1939	0.646	ug/L #	1
13) Acetone	2.633	43	14584	7.818	ug/L	96
22) 2-Butanone	4.710	43	6917	2.371	ug/L	89
46) Tetrachloroethene	8.552	164	7141	3.215	ug/L	96
48) 2-Hexanone	8.687	43	67987	15.506	ug/L	93
49) Dibromochloromethane	8.555	129	6876	2.177	ug/L #	11

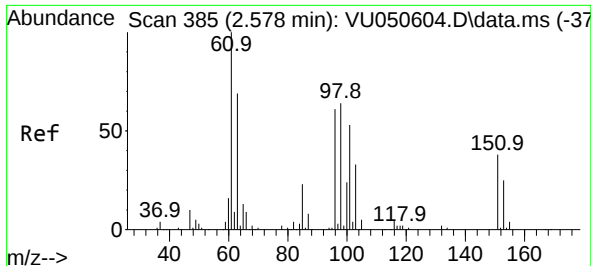
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.803 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050618.D

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ClientSampleId :

DBVF5

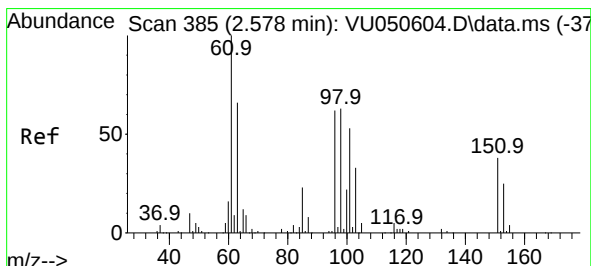
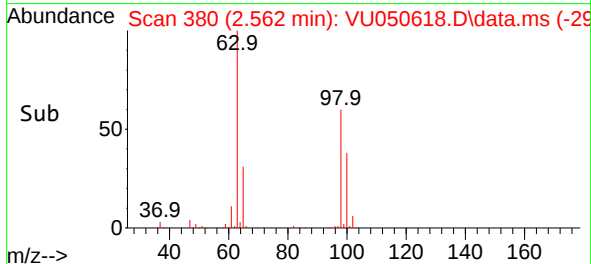
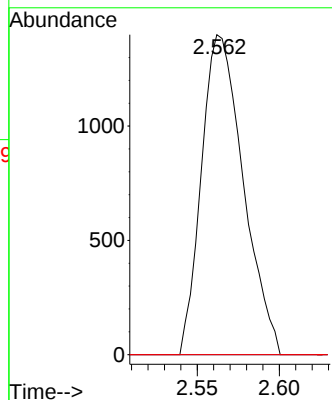
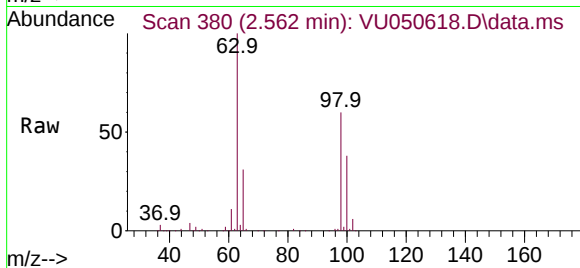
Tgt Ion:101 Resp: 2480

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: 0.646 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050618.D

Acq: 03 Sep 2022 17:33

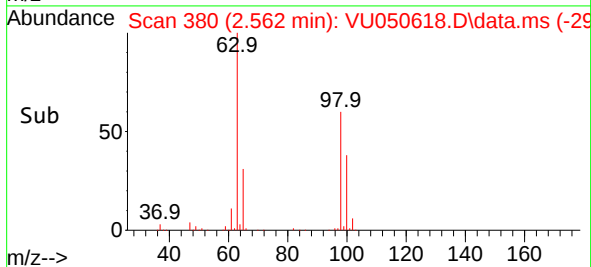
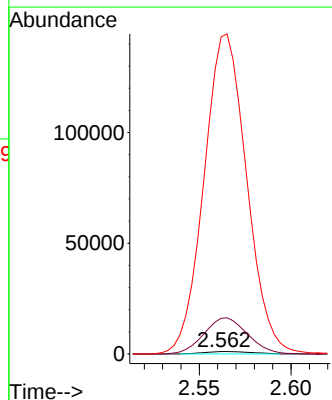
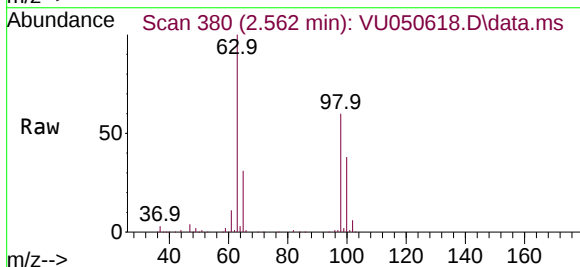
Tgt Ion: 96 Resp: 1939

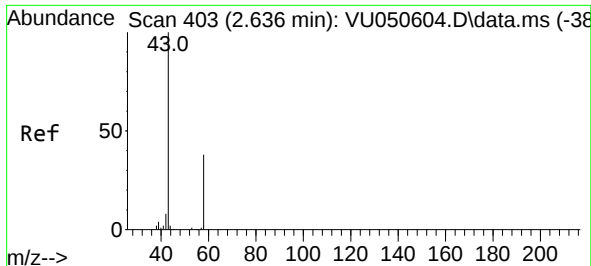
Ion Ratio Lower Upper

96 100

61 1478.5 118.0 219.1#

63 13140.6 79.5 147.7#





#13

Acetone

Concen: 7.818 ug/L

RT: 2.633 min Scan# 403

Delta R.T. -0.003 min

Lab File: VU050618.D

Acq: 03 Sep 2022 17:33

Instrument :

MSVOA_U

ClientSampleId :

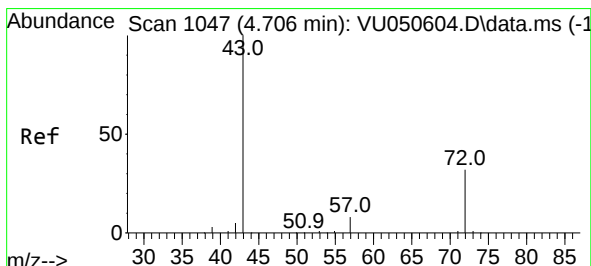
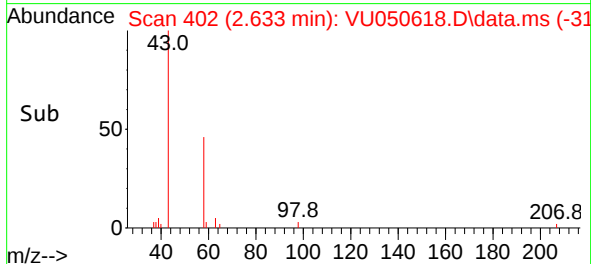
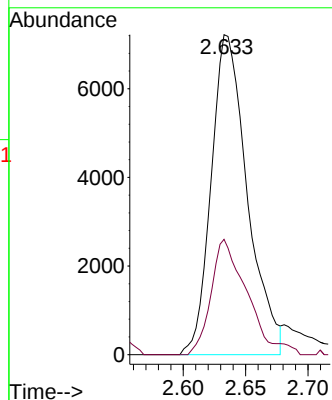
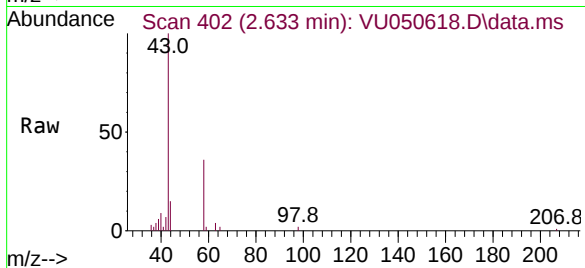
DBVF5

Tgt Ion: 43 Resp: 14584

Ion Ratio Lower Upper

43 100

58 35.9 0.0 76.2



#22

2-Butanone

Concen: 2.371 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU050618.D

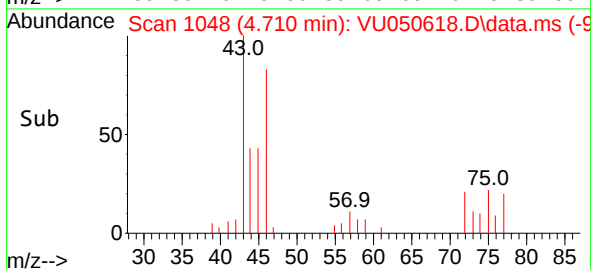
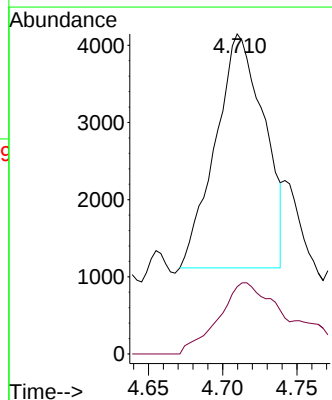
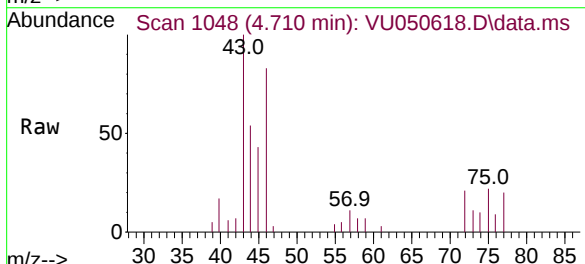
Acq: 03 Sep 2022 17:33

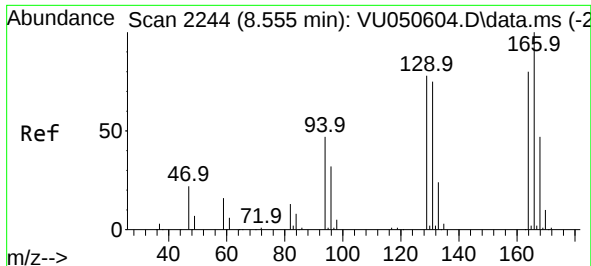
Tgt Ion: 43 Resp: 6917

Ion Ratio Lower Upper

43 100

72 35.3 14.6 44.0

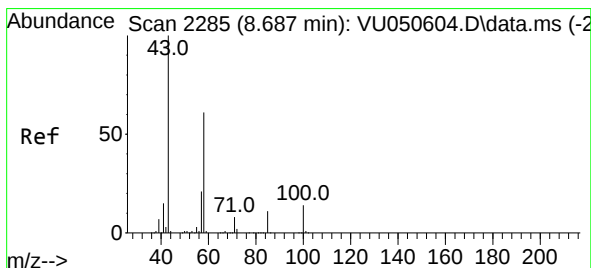
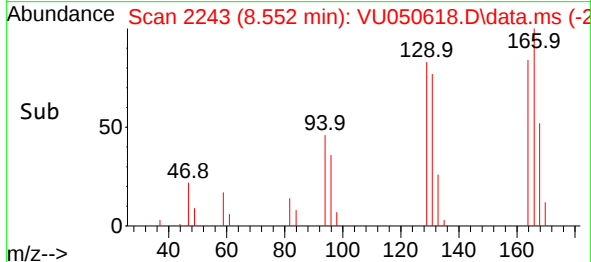
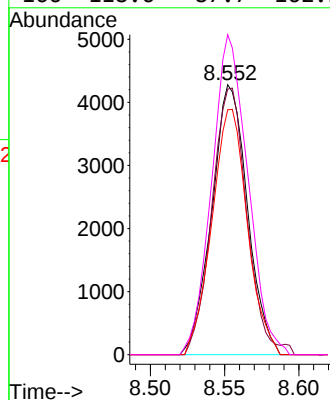
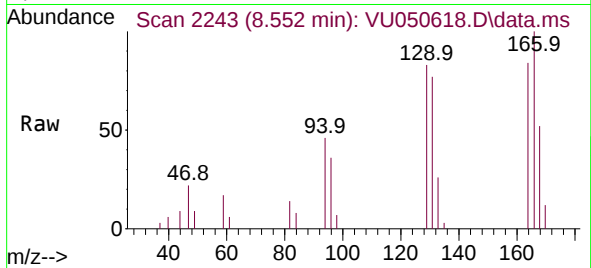




#46
Tetrachloroethene
Concen: 3.215 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050618.D
Acq: 03 Sep 2022 17:33

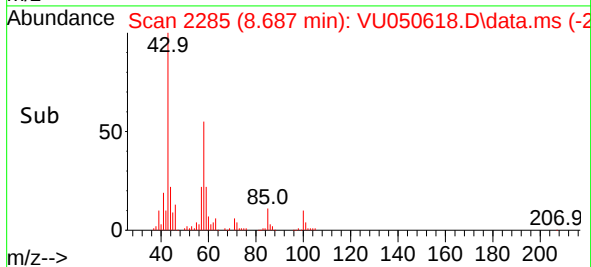
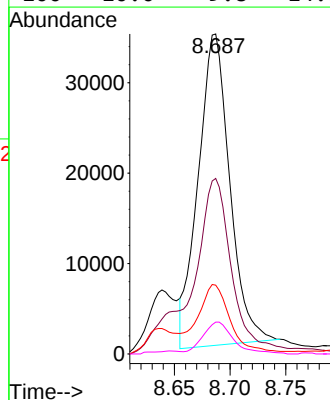
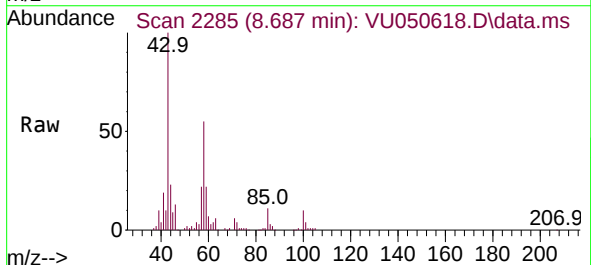
Instrument :
MSVOA_U
ClientSampleId :
DBVF5

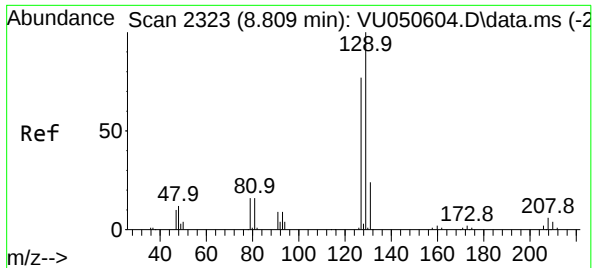
Tgt Ion:164	Resp:	7141	
Ion	Ratio	Lower	Upper
164	100		
129	98.4	68.7	127.5
131	90.7	66.2	123.0
166	118.6	87.7	162.9



#48
2-Hexanone
Concen: 15.506 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VU050618.D
Acq: 03 Sep 2022 17:33

Tgt Ion: 43	Resp: 67987
Ion Ratio	Lower Upper
43 100	
58 71.5	51.8 77.6
57 20.8	17.0 25.4
100 10.0	9.8 14.8





#49
 Dibromochloromethane
 Concen: 2.177 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VU050618.D
 Acq: 03 Sep 2022 17:33

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVF5

Tgt Ion:129 Resp: 6876
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 100.0#

