

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050689.D
 Acq On : 08 Sep 2022 16:50
 Operator : SY/MD
 Sample : N4482-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Sep 08 22:56:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

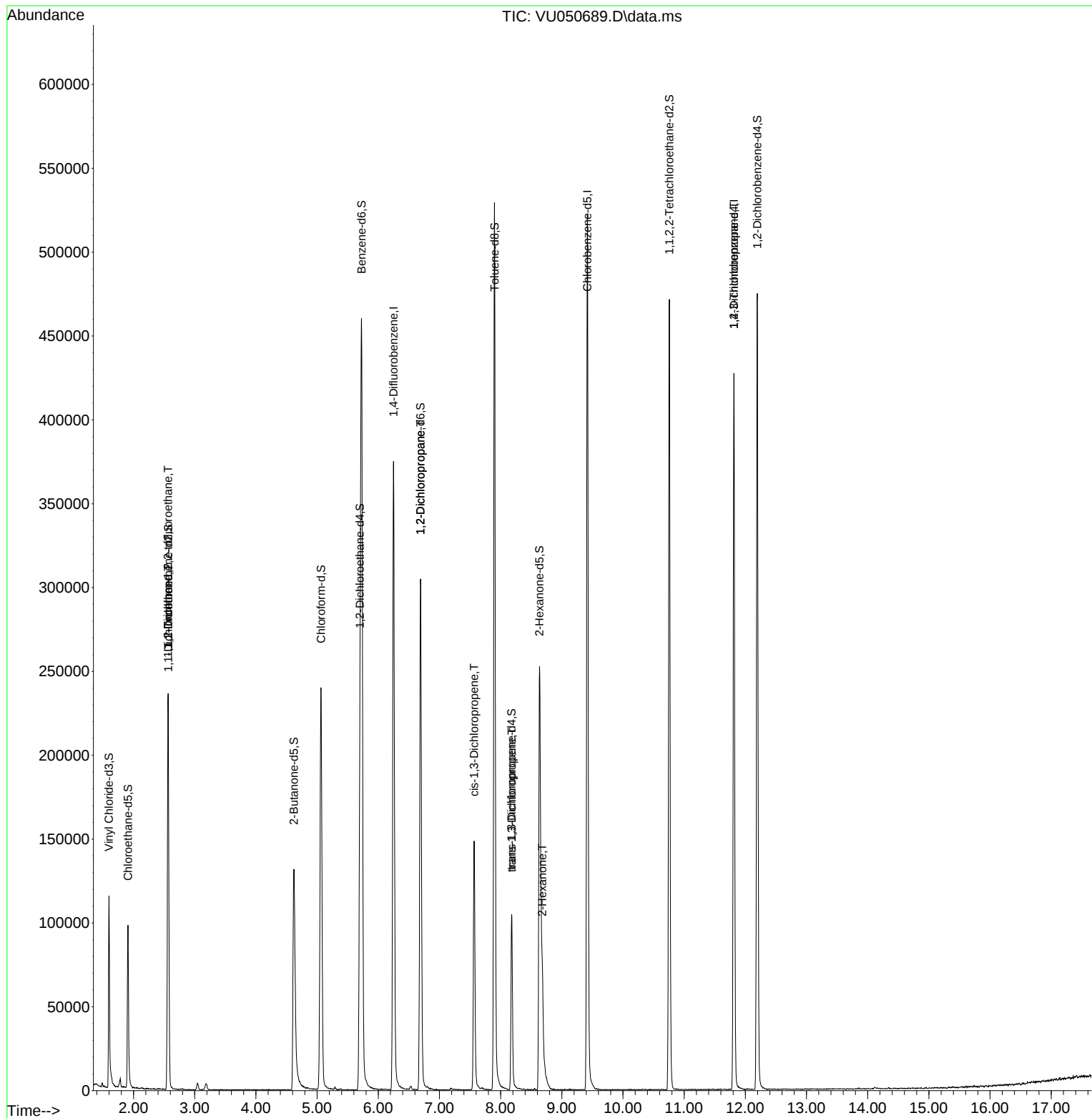
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	318139	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	314119	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	121534	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	93876	34.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.000%
7) Chloroethane-d5	1.910	69	76192	41.407	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.820%
11) 1,1-Dichloroethene-d2	2.566	63	140423	29.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.400%#
21) 2-Butanone-d5	4.620	46	189004	94.938	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.940%
24) Chloroform-d	5.064	84	235681	45.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.700	65	153113	48.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
32) Benzene-d6	5.726	84	444342	42.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.691	67	153239	44.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.920%
41) Toluene-d8	7.900	98	374021	42.133	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.260%
43) trans-1,3-Dichloroprop...	8.179	79	62024	43.984	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	8.633	63	78348	91.391	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.390%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	236589	45.873	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.740%
66) 1,2-Dichlorobenzene-d4	12.195	152	131753	46.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.620%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1516	0.610	ug/L #	21
12) 1,1-Dichloroethene	2.569	96	994	0.411	ug/L #	1
37) 1,2-Dichloropropane	6.691	63	15427	5.109	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	4077	0.997	ug/L #	76
44) trans-1,3-Dichloropropene	8.183	75	2674	0.697	ug/L	91
48) 2-Hexanone	8.681	43	28113	7.321	ug/L #	87
60) 1,2,3-Trichloropropane	11.813	75	12762	3.579	ug/L #	62

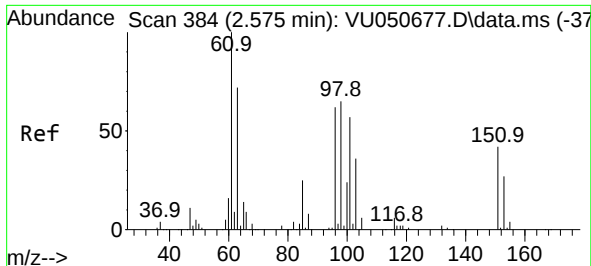
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.610 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.012 min

Lab File: VU050689.D

Acq: 08 Sep 2022 16:50

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

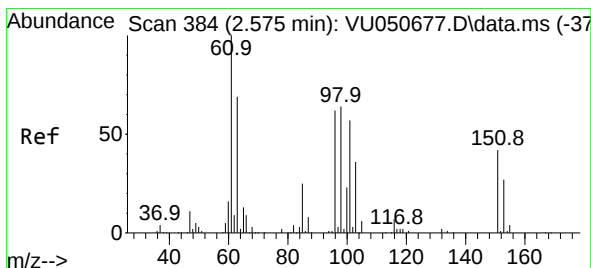
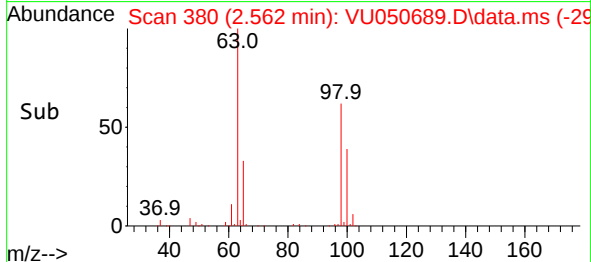
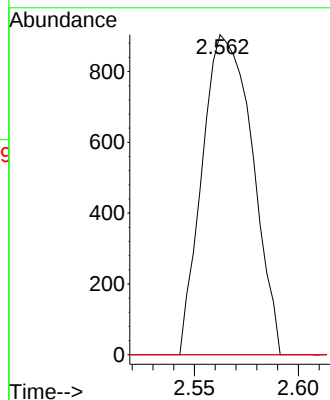
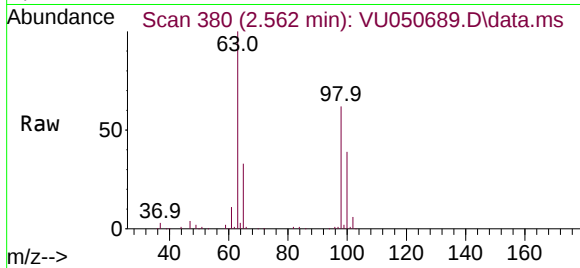
Tgt Ion:101 Resp: 1516

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: 0.411 ug/L

RT: 2.569 min Scan# 382

Delta R.T. -0.006 min

Lab File: VU050689.D

Acq: 08 Sep 2022 16:50

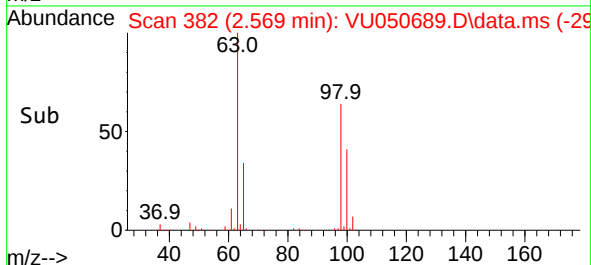
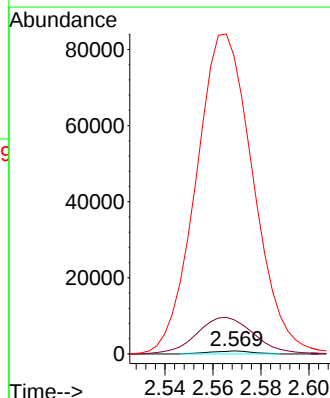
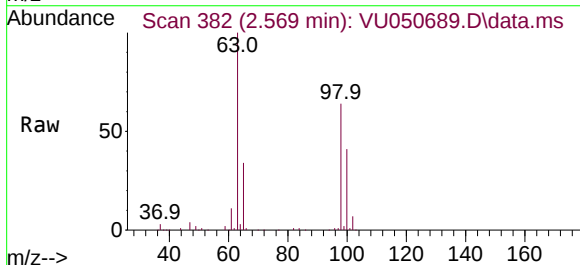
Tgt Ion: 96 Resp: 994

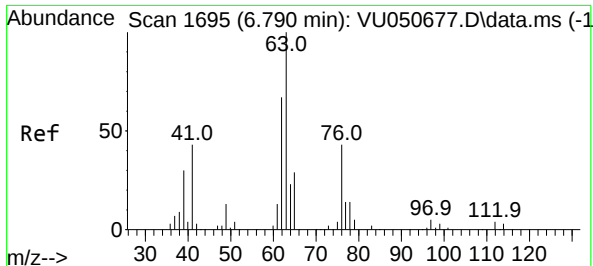
Ion Ratio Lower Upper

96 100

61 1132.7 118.0 219.1#

63 9866.0 79.5 147.7#





#37

1,2-Dichloropropane

Concen: 5.109 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU050689.D

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Instrument :

MSVOA_U

ClientSampleId :

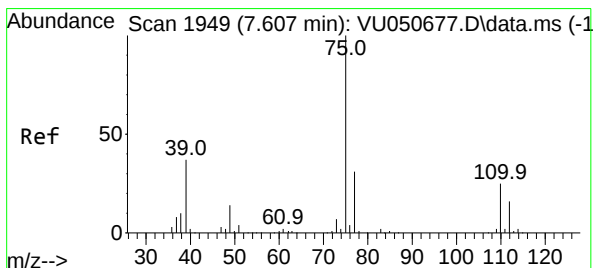
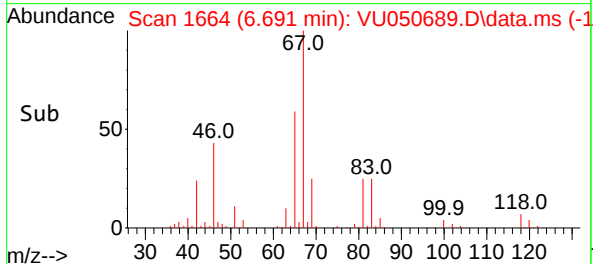
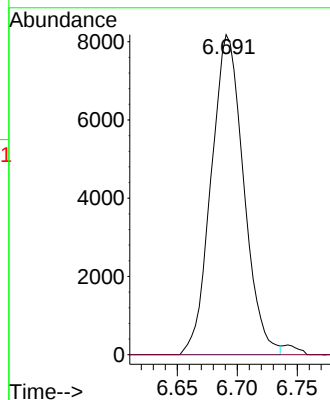
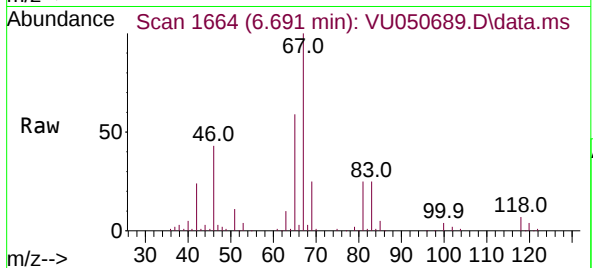
VHBLK001

Tgt Ion: 63 Resp: 15427

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.997 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.041 min

Lab File: VU050689.D

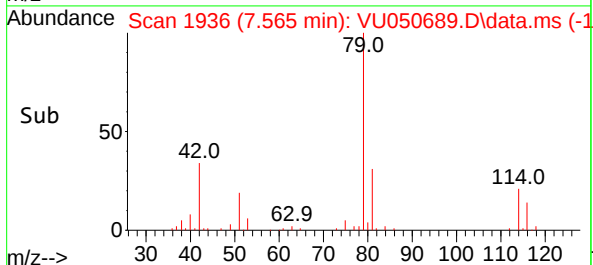
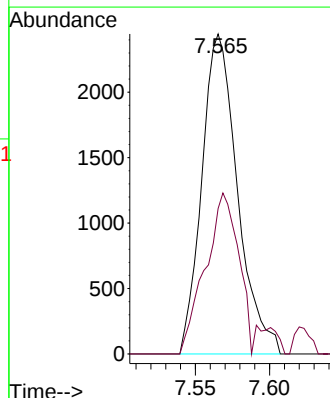
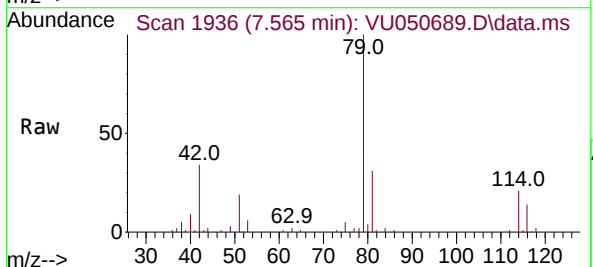
Acq: 08 Sep 2022 16:50

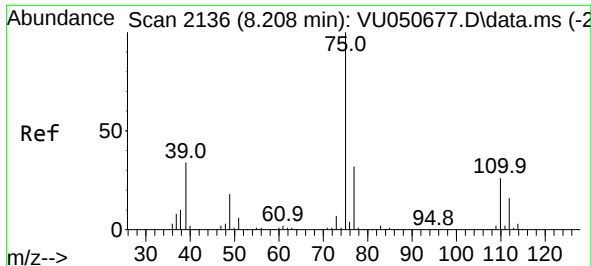
Tgt Ion: 75 Resp: 4077

Ion Ratio Lower Upper

75 100

77 45.5 22.5 41.7#

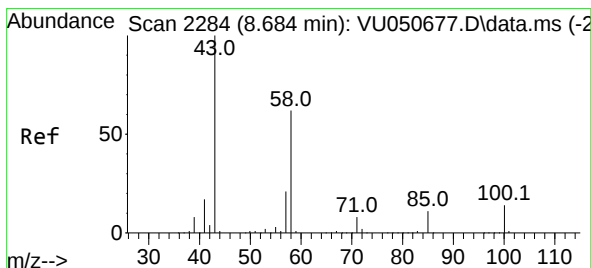
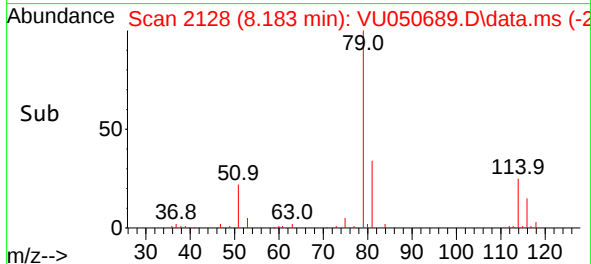
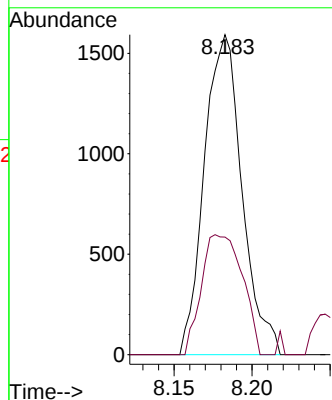
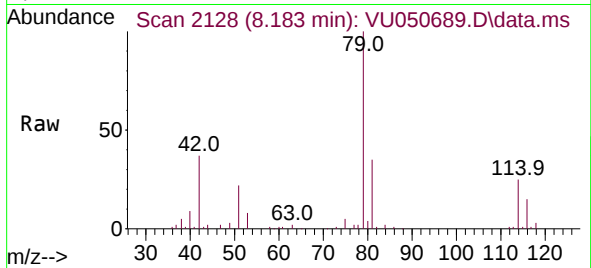




#44
trans-1,3-Dichloropropene
Concen: 0.697 ug/L
RT: 8.183 min Scan# 2136
Delta R.T. -0.025 min
Lab File: VU050689.D
Acq: 08 Sep 2022 16:50

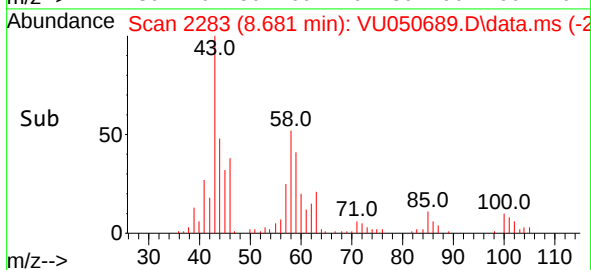
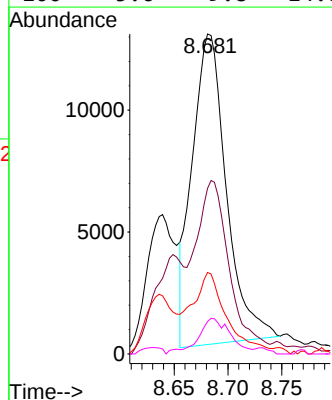
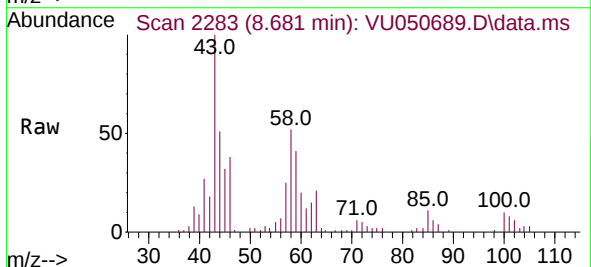
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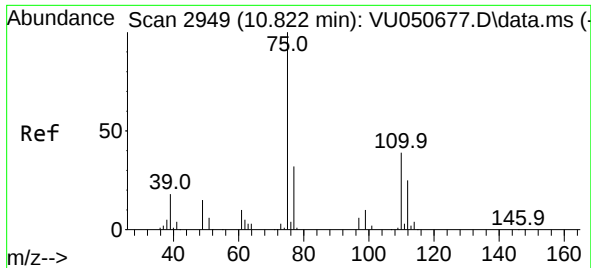
Tgt Ion: 75 Resp: 2674
Ion Ratio Lower Upper
75 100
77 36.7 22.1 41.1



#48
2-Hexanone
Concen: 7.321 ug/L
RT: 8.681 min Scan# 2283
Delta R.T. -0.003 min
Lab File: VU050689.D
Acq: 08 Sep 2022 16:50

Tgt Ion: 43 Resp: 28113
Ion Ratio Lower Upper
43 100
58 51.7 51.8 77.6#
57 21.5 17.0 25.4
100 5.6 9.8 14.8#





#60
 1,2,3-Trichloropropane
 Concen: 3.579 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU050689.D
 Acq: 08 Sep 2022 16:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 12762
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.8 38.8#
 110 0.8 29.3 43.9#

