

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090722\
 Data File : VU050668.D
 Acq On : 07 Sep 2022 18:14
 Operator : SY/MD
 Sample : N4374-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Sep 08 05:44:15 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)

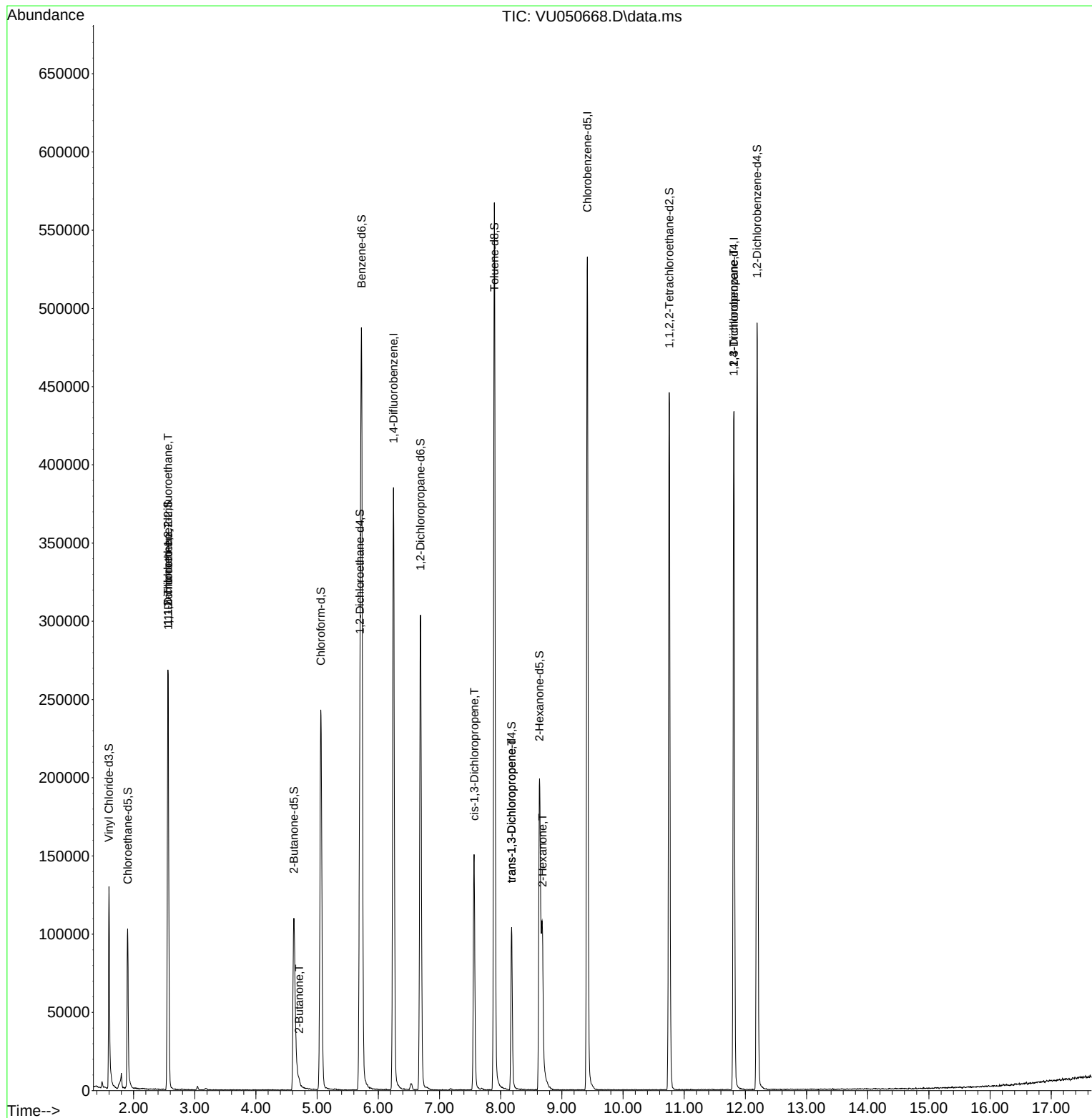
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	319341	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	316503	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	105469	38.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.220%
7) Chloroethane-d5	1.903	69	80137	43.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.780%
11) 1,1-Dichloroethene-d2	2.562	63	160166	33.183	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.360%
21) 2-Butanone-d5	4.620	46	153191	76.659	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.660%
24) Chloroform-d	5.060	84	235947	45.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	5.700	65	153642	48.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.140%
32) Benzene-d6	5.726	84	464888	44.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.900%
36) 1,2-Dichloropropane-d6	6.690	67	153052	44.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.140%
41) Toluene-d8	7.896	98	394471	44.102	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.179	79	61892	43.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.120%
47) 2-Hexanone-d5	8.632	63	55968	64.794	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.790%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	225292	43.353	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	135335	46.945	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1313	0.526	ug/L #	23
12) 1,1-Dichloroethene	2.565	96	1146	0.473	ug/L #	1
22) 2-Butanone	4.707	43	2993	1.269	ug/L	86
39) cis-1,3-Dichloropropene	7.568	75	3976	0.965	ug/L #	61
44) trans-1,3-Dichloropropene	8.179	75	2708	0.701	ug/L #	75
48) 2-Hexanone	8.684	43	52701	13.620	ug/L	94
60) 1,2,3-Trichloropropane	11.809	75	13871	3.839	ug/L #	70

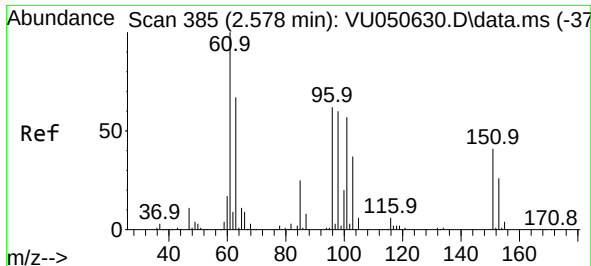
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.526 ug/L

RT: 2.562 min Scan# 380

Delta R.T. -0.016 min

Lab File: VU050668.D

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Instrument :

MSVOA_U

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VHBLK001

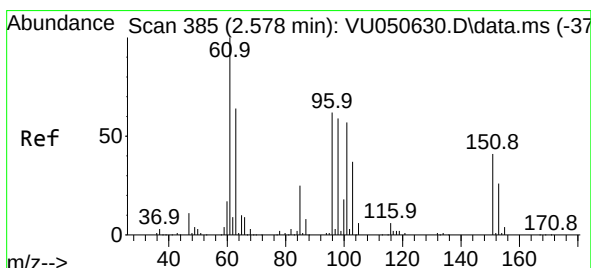
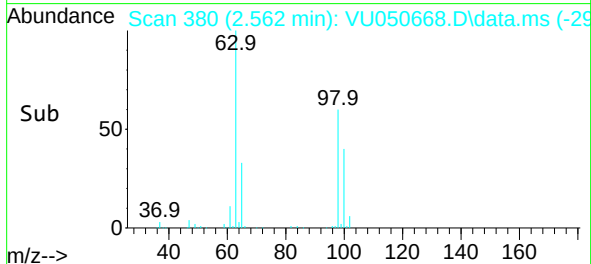
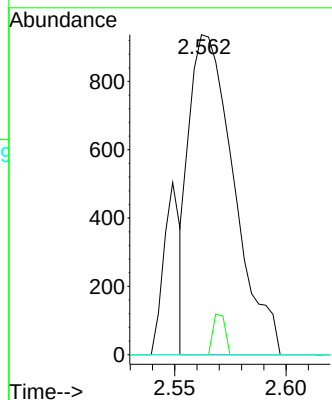
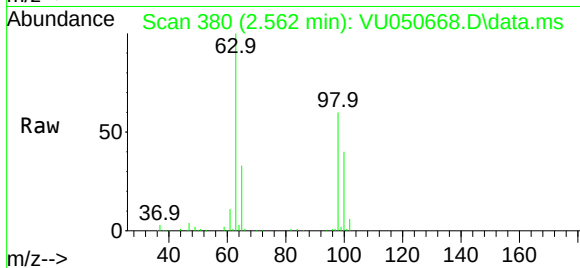
Tgt Ion:101 Resp: 1313

Ion Ratio Lower Upper

101 100

85 3.4 34.4 51.6#

151 0.0 57.7 86.5#



#12

1,1-Dichloroethene

Concen: 0.473 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.013 min

Lab File: VU050668.D

Acq: 07 Sep 2022 18:14

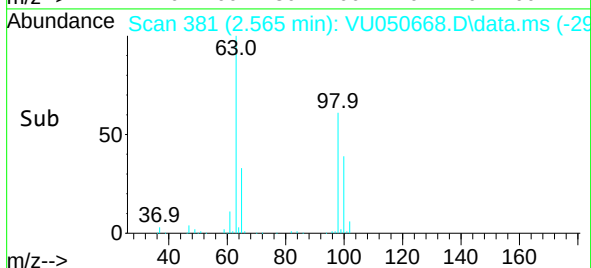
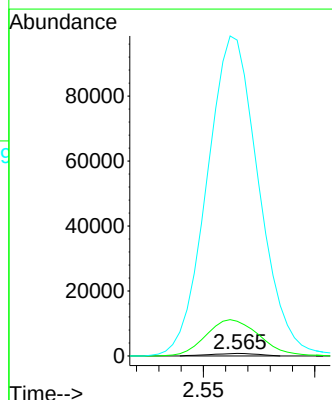
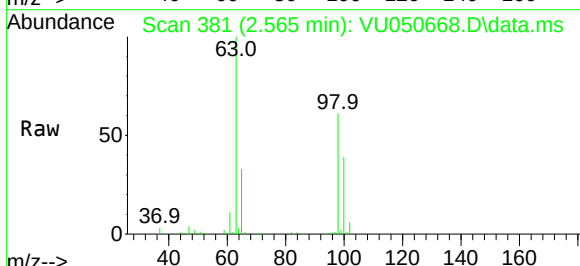
Tgt Ion: 96 Resp: 1146

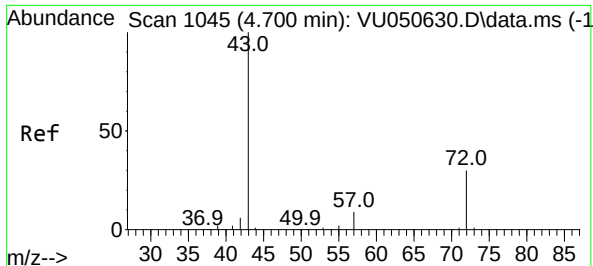
Ion Ratio Lower Upper

96 100

61 1371.9 118.0 219.1#

63 12495.6 79.5 147.7#





#22

2-Butanone

Concen: 1.269 ug/L

RT: 4.707 min Scan# 1045

Delta R.T. 0.007 min

Lab File: VU050668.D

Acq: 07 Sep 2022 18:14

Instrument :

MSVOA_U

ClientSampleId :

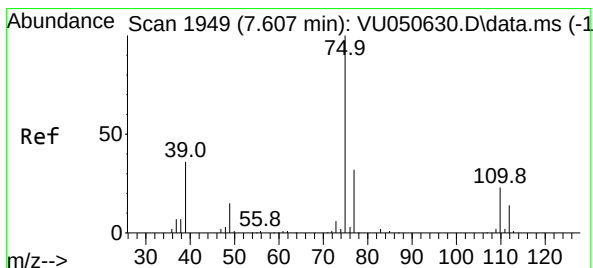
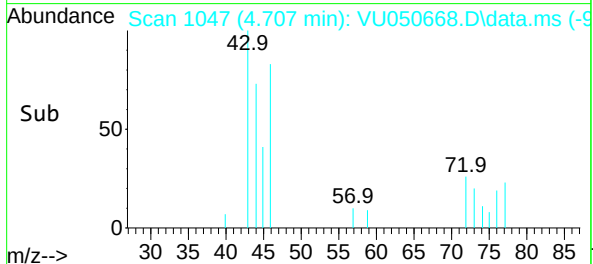
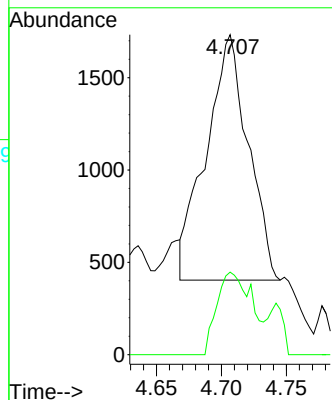
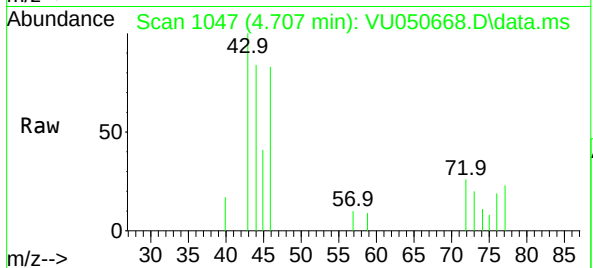
VHBLK001

Tgt Ion: 43 Resp: 2993

Ion Ratio Lower Upper

43 100

72 21.7 14.6 44.0



#39

cis-1,3-Dichloropropene

Concen: 0.965 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU050668.D

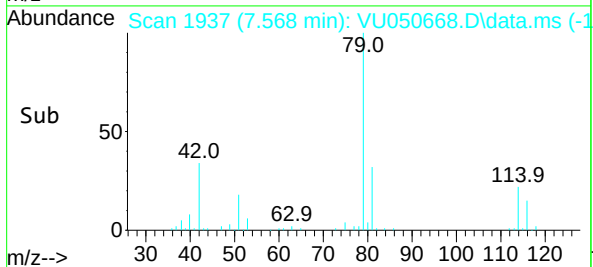
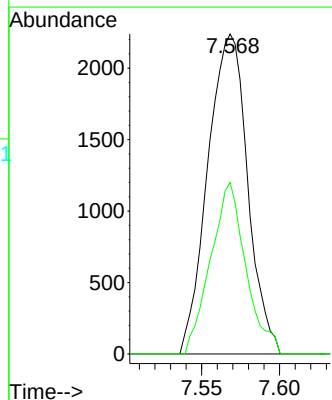
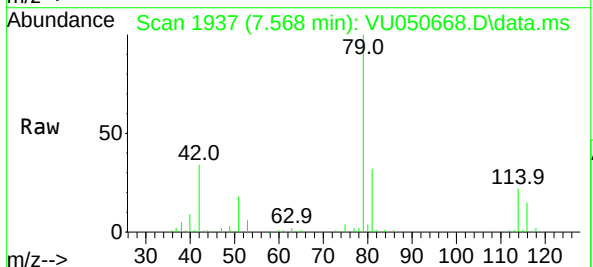
Acq: 07 Sep 2022 18:14

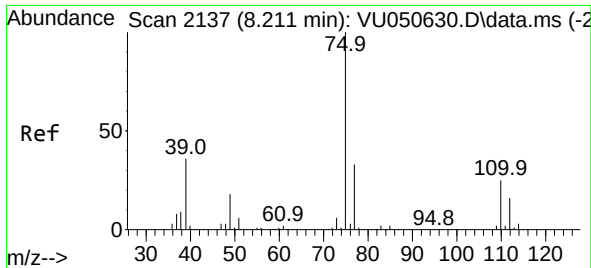
Tgt Ion: 75 Resp: 3976

Ion Ratio Lower Upper

75 100

77 53.6 22.5 41.7#

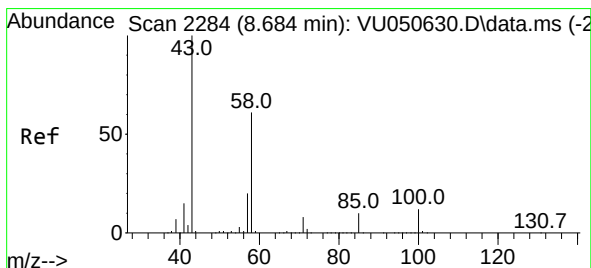
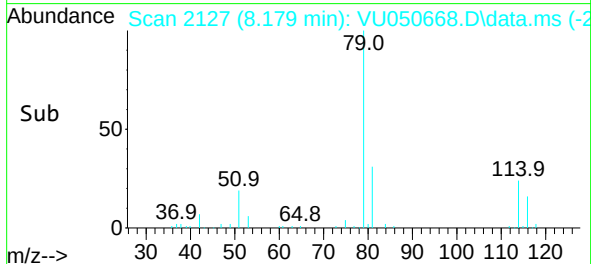
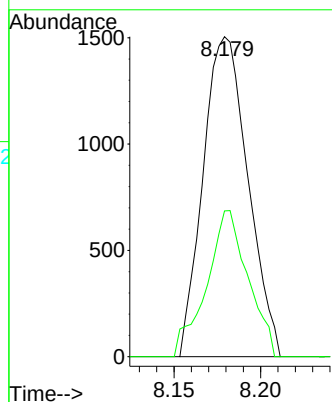
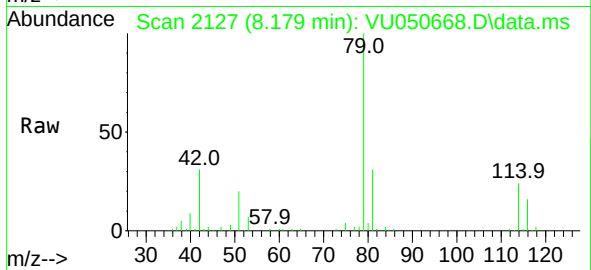




#44
trans-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU050668.D
Acq: 07 Sep 2022 18:14

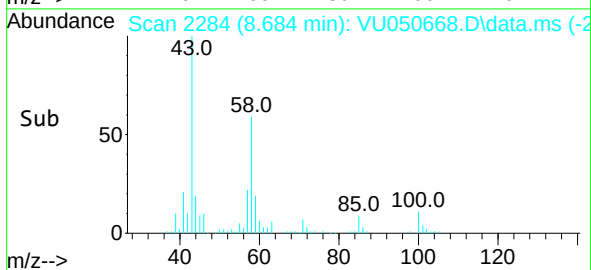
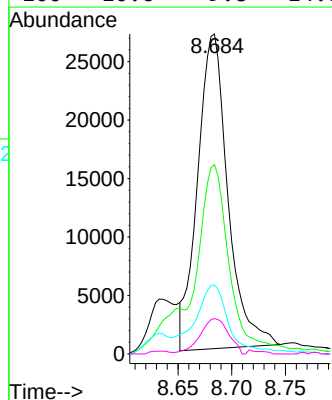
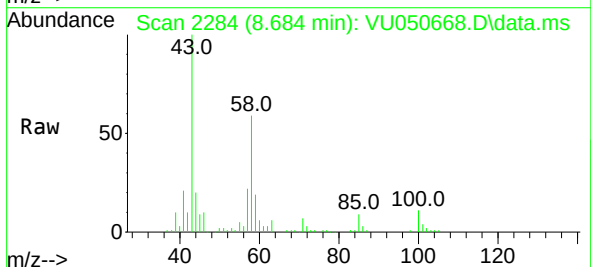
Instrument :
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ClientSampleId :
VHBLK001

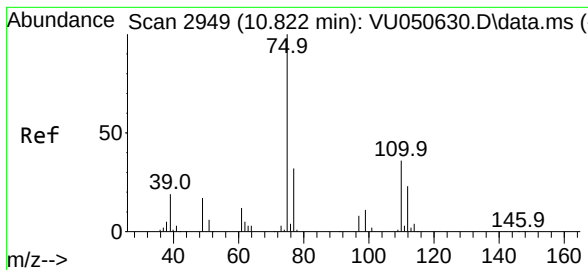
Tgt Ion: 75 Resp: 2708
Ion Ratio Lower Upper
75 100
77 45.6 22.1 41.1#



#48
2-Hexanone
Concen: 13.620 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU050668.D
Acq: 07 Sep 2022 18:14

Tgt Ion: 43 Resp: 52701
Ion Ratio Lower Upper
43 100
58 59.5 51.8 77.6
57 19.2 17.0 25.4
100 10.6 9.8 14.8





#60
 1,2,3-Trichloropropane
 Concen: 3.839 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050668.D
 Acq: 07 Sep 2022 18:14

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75	Resp:	13871
Ion Ratio	Lower	Upper
75	100	
77	32.1	25.8 38.8
110	3.3	29.3 43.9#

