

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062420\
 Data File : VU039061.D
 Acq On : 24 Jun 2020 14:27
 Operator : SY/MD
 Sample : L3061-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Jun 25 01:03:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	280374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	280237	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	119680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87056	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.93	69	79934	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.59	63	126735	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.68	46	364078	49.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.26%
24) Chloroform-d	5.10	84	181819	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.74	65	112049	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.76	84	341358	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	116649	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.92	98	258207	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.40%
43) trans-1,3-Dichloropropene-	8.20	79	46541	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.66	63	279870	47.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	106597	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	102497	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

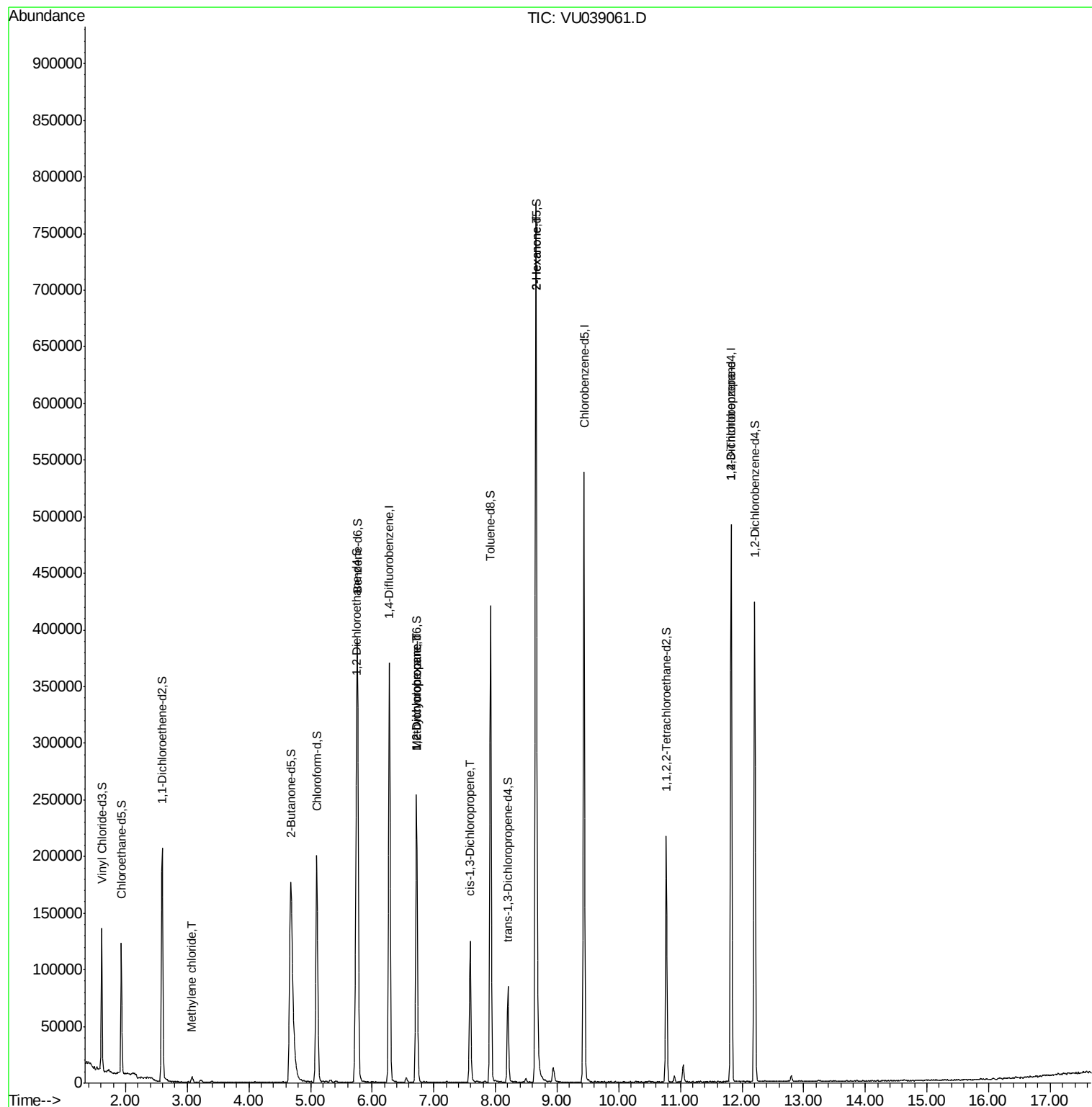
					Ovalue
16) Methylene chloride	3.08	84	2127	0.089 ug/L	94
35) Methylcyclohexane	6.72	83	26458	0.837 ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12646	0.530 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2760	0.083 ug/L #	67
48) 2-Hexanone	8.66	43	33601	2.574 ug/L #	66
59) 1,2,3-Trichloropropane	11.83	75	16869	0.938 ug/L	90

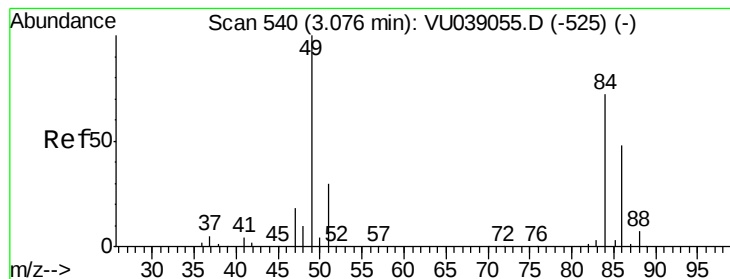
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.089 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU039061.D

Acq: 24 Jun 2020 14:27

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ClientSampleId :

VHBLK01

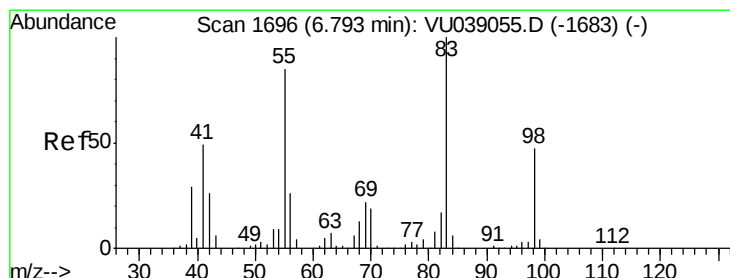
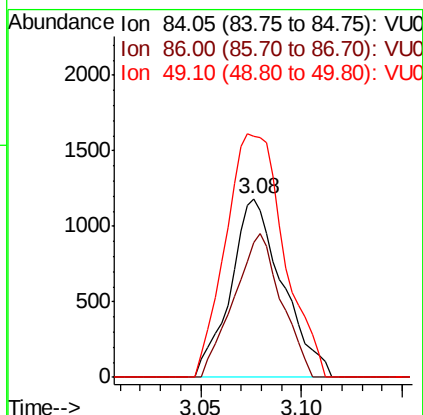
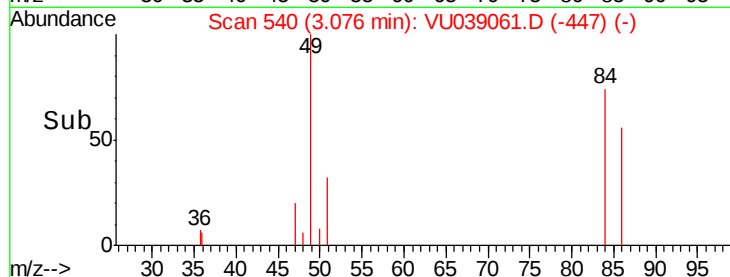
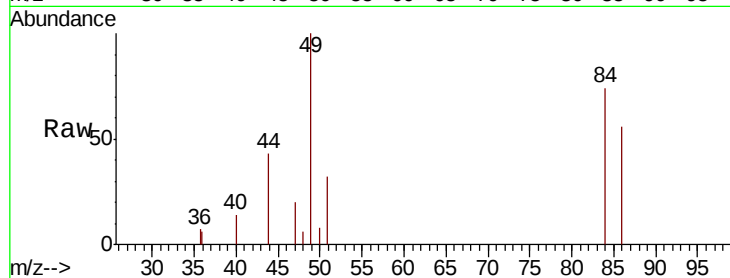
Tot Ion: 84 Resp: 2127

Ion Ratio Lower Upper

84 100

86 75.4 44.1 81.9

49 134.7 93.1 172.9



#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039061.D

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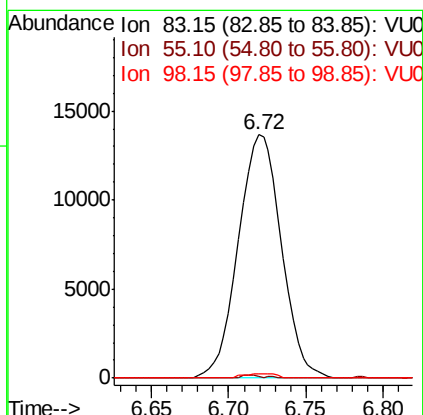
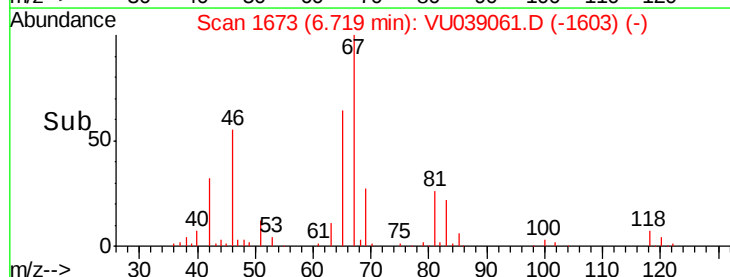
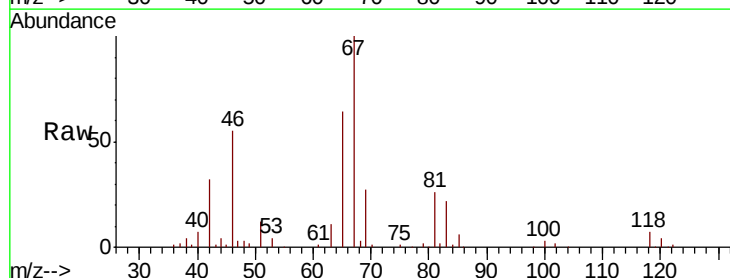
Tgt Ion: 83 Resp: 26458

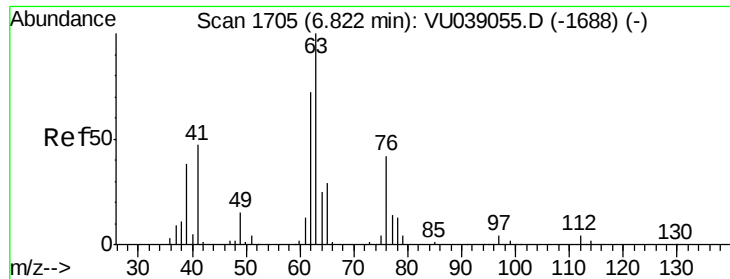
Ion Ratio Lower Upper

83 100

55 0.2 65.5 98.3#

98 1.3 36.5 54.7#

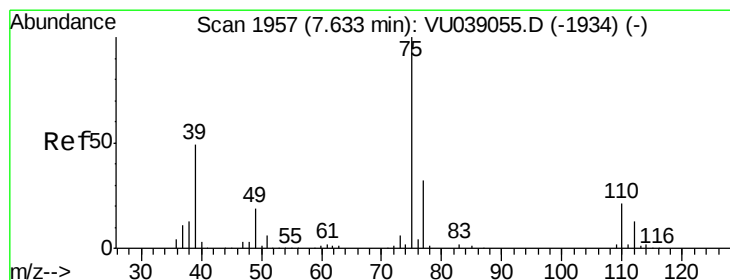
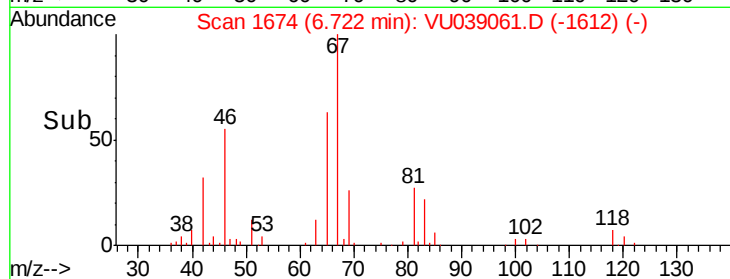
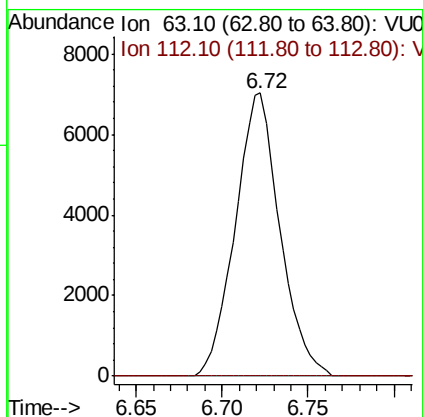
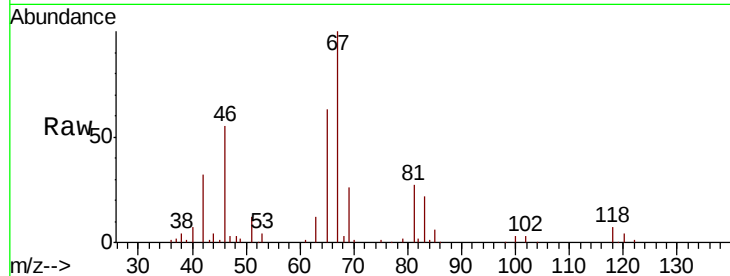




#37
 1,2-Dichloropropane
 Concen: 0.530 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU039061.D
 Acq: 24 Jun 2020 14:27

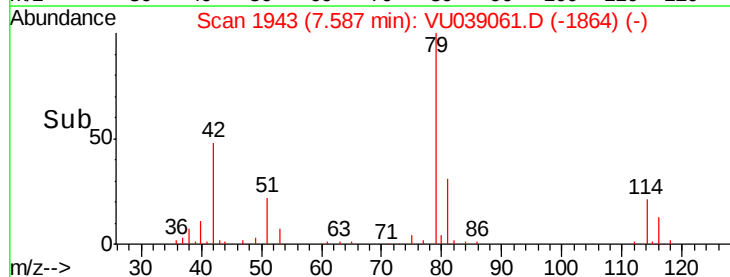
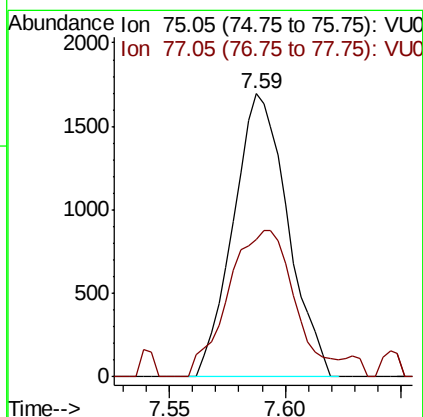
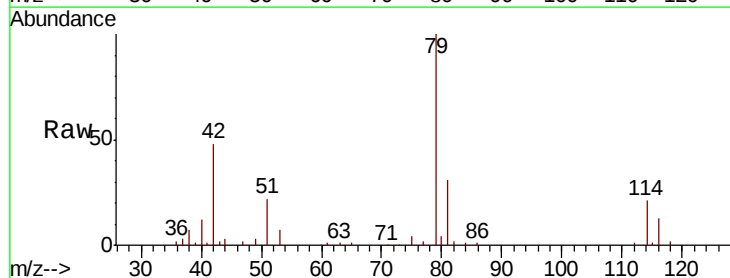
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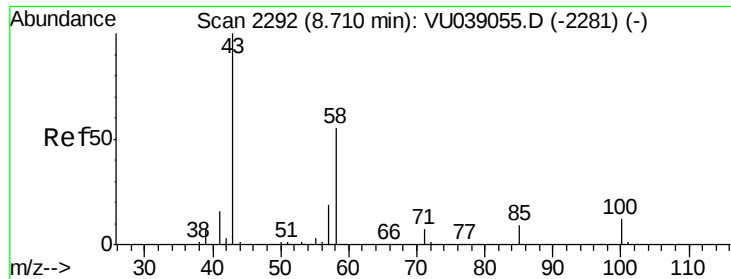
Tot Ion: 63 Resp: 12646
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU039061.D
 Acq: 24 Jun 2020 14:27

Tgt Ion: 75 Resp: 2760
 Ion Ratio Lower Upper
 75 100
 77 48.7 21.6 40.0#

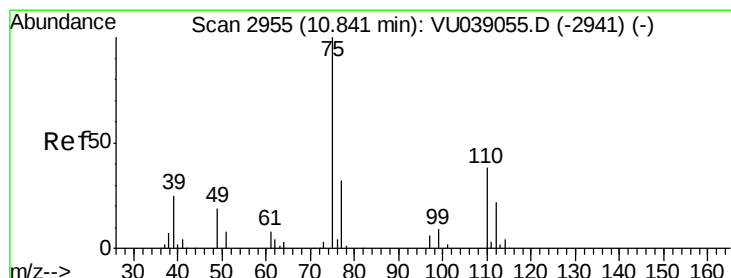
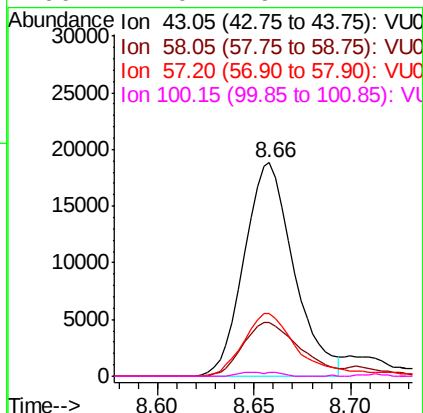
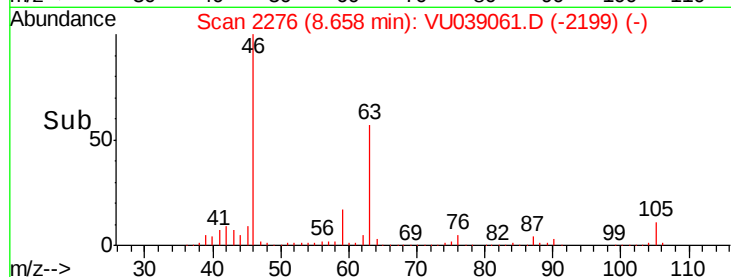
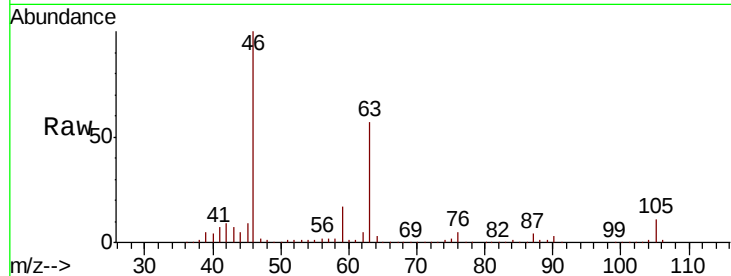




#48
2-Hexanone
Concen: 2.574 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU039061.D
Acq: 24 Jun 2020 14:27

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 33601
Ion Ratio Lower Upper
43 100
58 28.8 44.0 66.0#
57 33.3 15.0 22.6#
100 1.0 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.938 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU039061.D
Acq: 24 Jun 2020 14:27

Tgt Ion: 75 Resp: 16869
Ion Ratio Lower Upper
75 100
77 38.1 26.2 39.2

