

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091020\
 Data File : VU040082.D
 Acq On : 10 Sep 2020 15:42
 Operator : SY/MD
 Sample : L3945-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Sep 11 01:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 11 01:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	104509	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47726	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29051	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.92	69	24606	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.58	63	47343	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.65	46	93551	40.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.98%
24) Chloroform-d	5.08	84	55583	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.72	65	36349	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.74	84	106162	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.71	67	34358	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.91	98	86153	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	8.19	79	13453	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
46) 2-Hexanone-d5	8.64	63	68565	37.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.12%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29711	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	33803	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

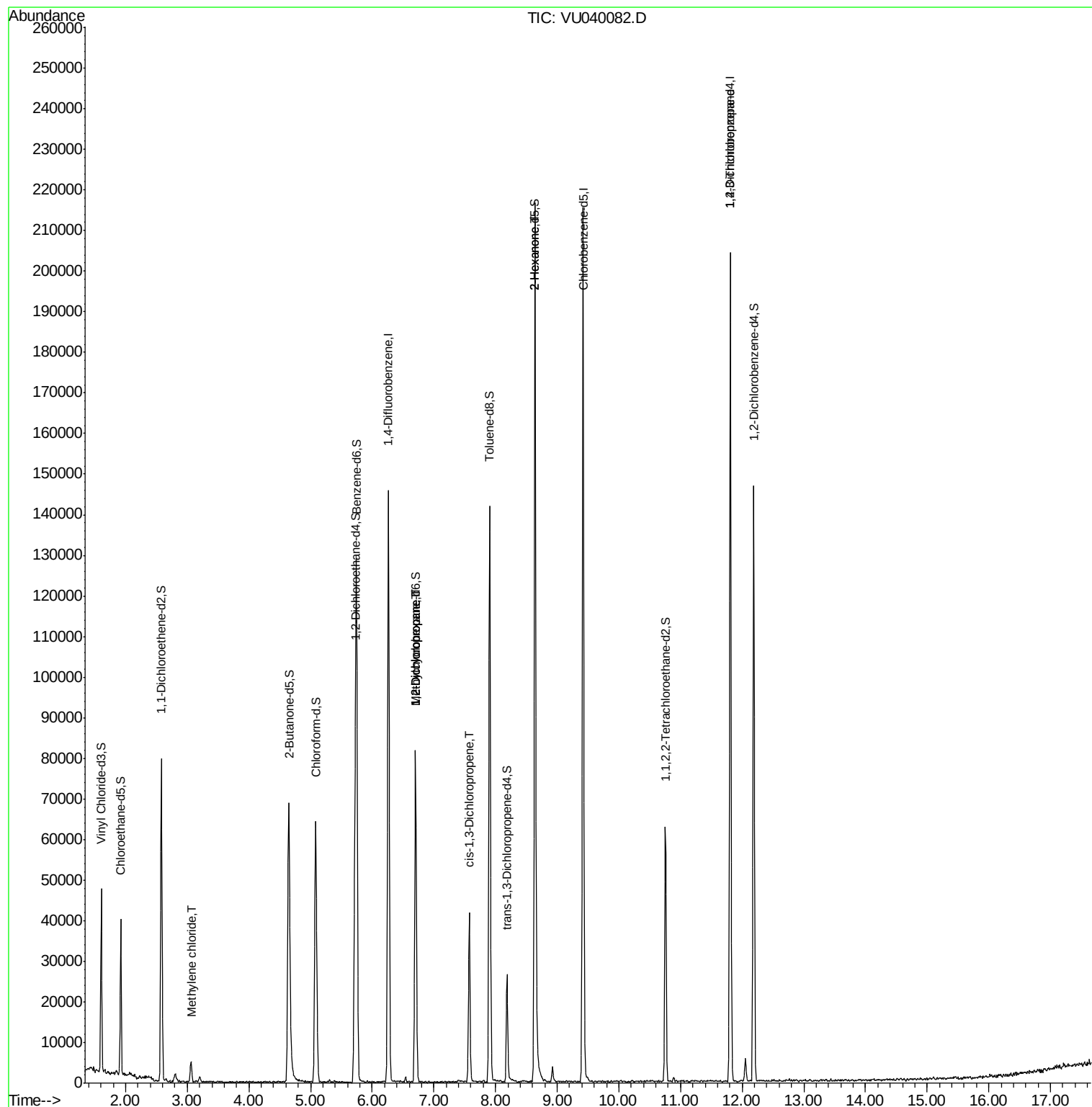
					Ovalue
16) Methylene chloride	3.06	84	2188	0.207 ug/L	89
35) Methylcyclohexane	6.70	83	8216	0.513 ug/L #	14
37) 1,2-Dichloropropane	6.71	63	4409	0.417 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1111	0.071 ug/L #	74
48) 2-Hexanone	8.64	43	10062	1.592 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	7737	0.989 ug/L	92

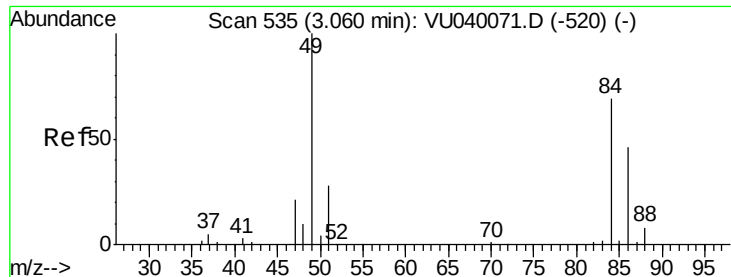
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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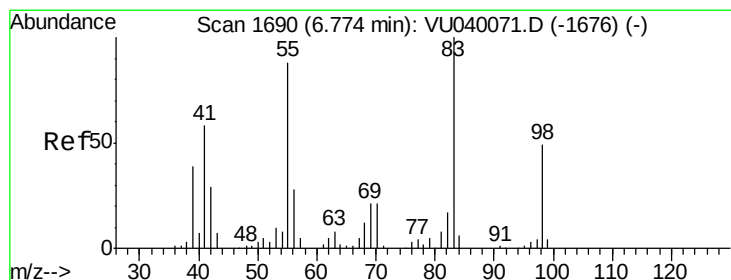
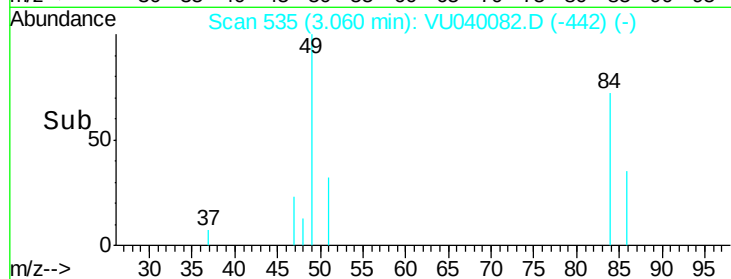
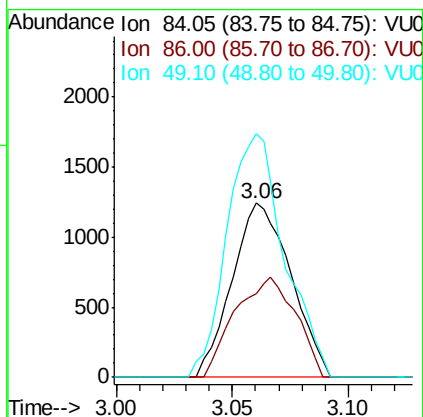
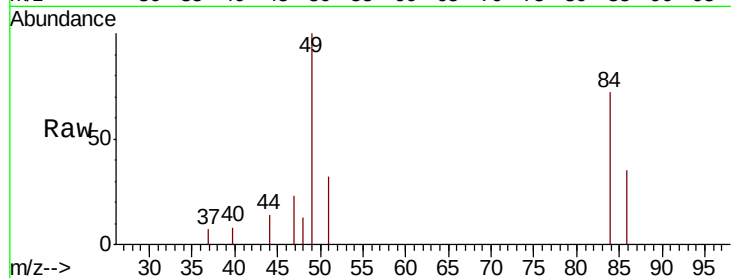




#16
Methylene chloride
Concen: 0.207 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040082.D
Acq: 10 Sep 2020 15:42

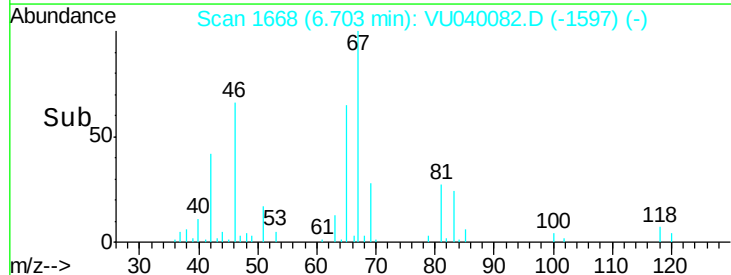
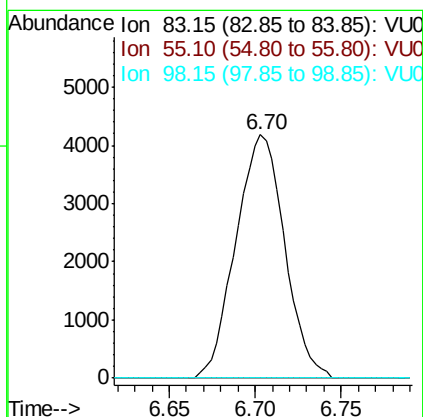
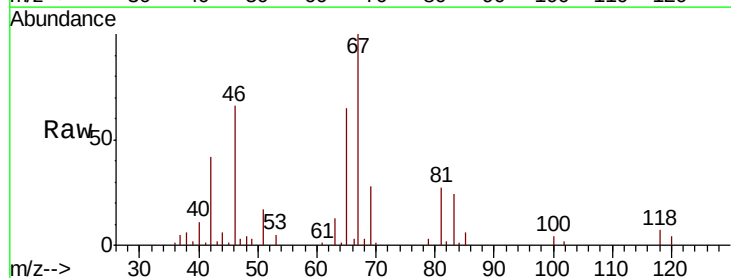
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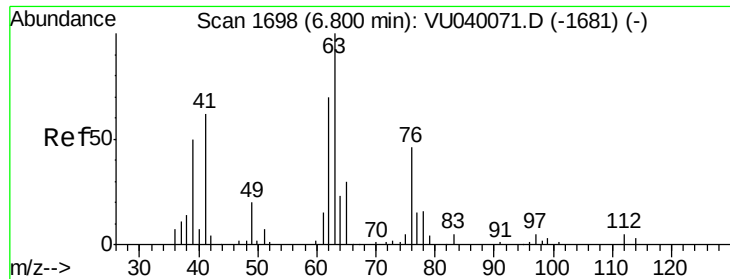
Tot Ion: 84 Resp: 2188
Ion Ratio Lower Upper
84 100
86 48.3 45.2 84.0
49 139.7 104.0 193.2



#35
Methylcyclohexane
Concen: 0.513 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040082.D
Acq: 10 Sep 2020 15:42

Tgt Ion: 83 Resp: 8216
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.1 37.8 56.6#

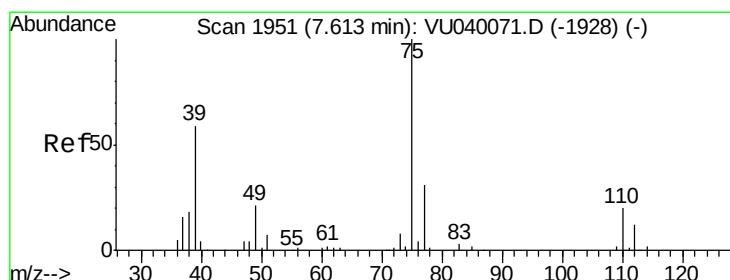
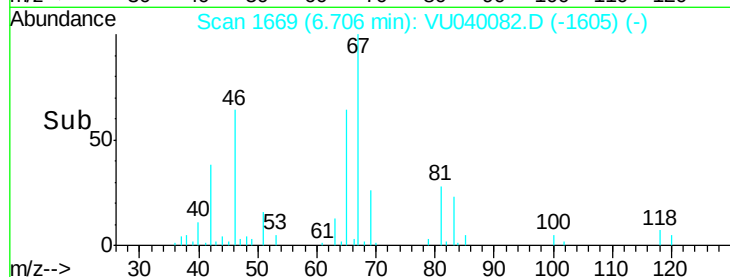
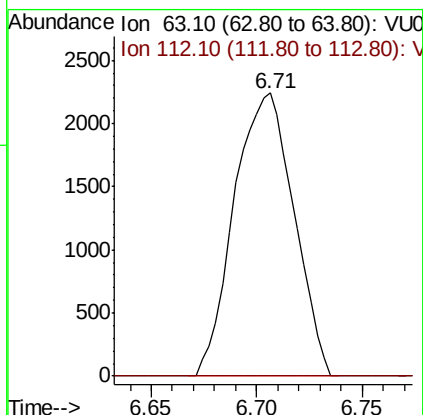
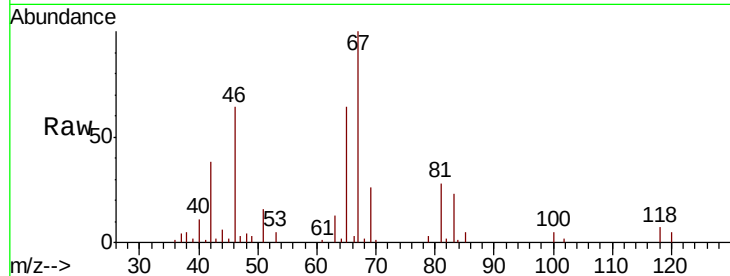




#37
 1,2-Dichloropropane
 Concen: 0.417 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040082.D
 Acq: 10 Sep 2020 15:42

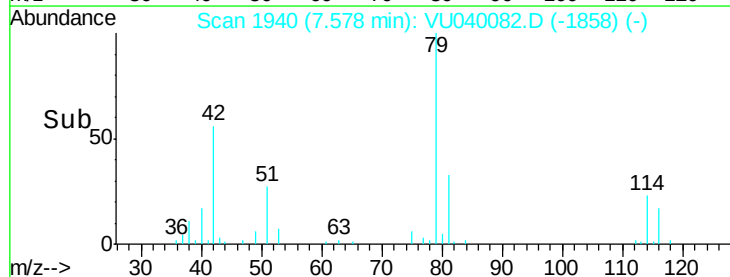
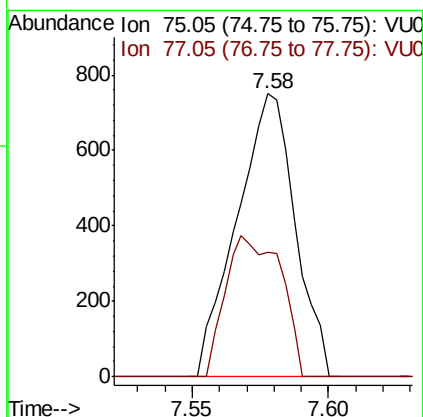
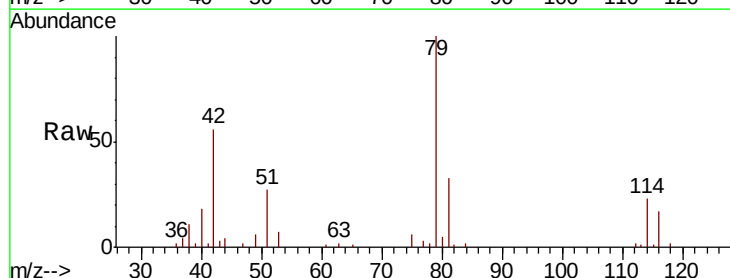
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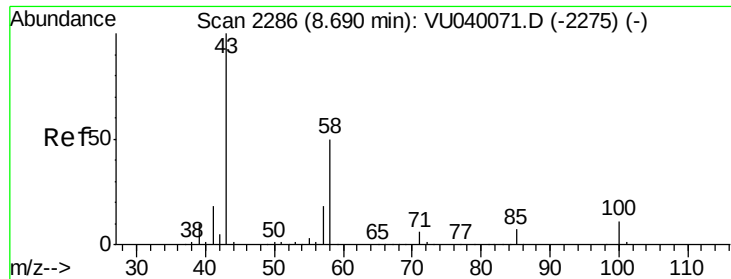
Tot Ion: 63 Resp: 4409
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU040082.D
 Acq: 10 Sep 2020 15:42

Tgt Ion: 75 Resp: 1111
 Ion Ratio Lower Upper
 75 100
 77 44.1 21.1 39.3#

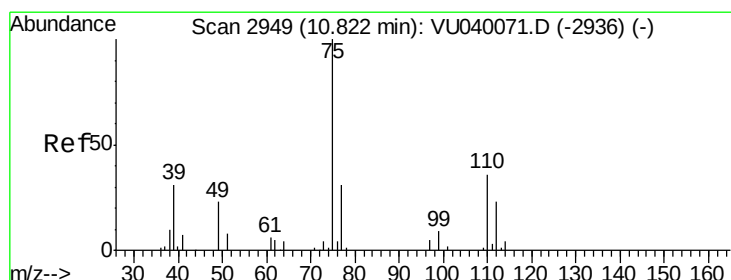
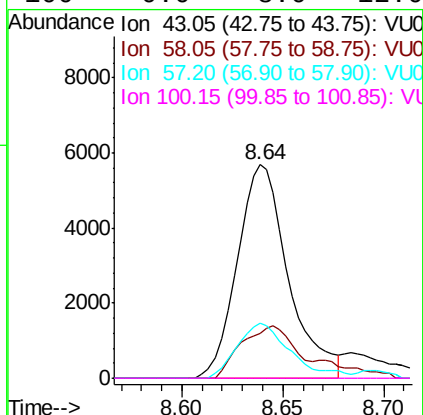
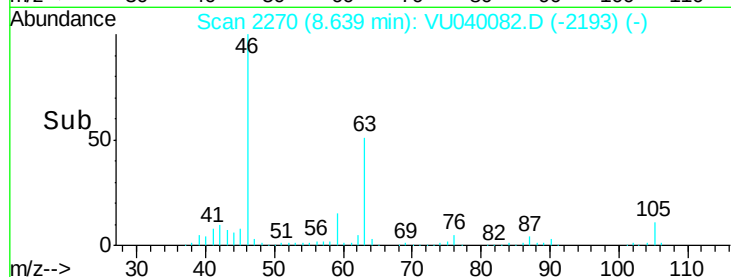
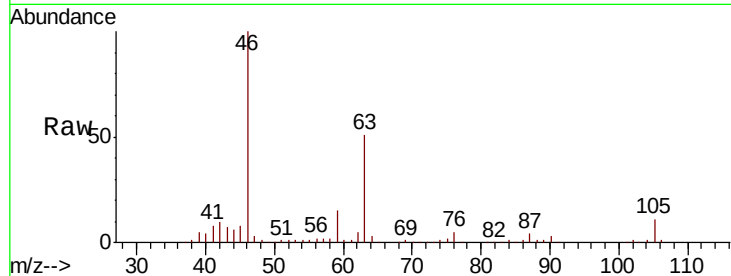




#48
2-Hexanone
Concen: 1.592 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040082.D
Acq: 10 Sep 2020 15:42

Instrument :
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Tot Ion: 43 Resp: 10062
Ion Ratio Lower Upper
43 100
58 25.7 39.6 59.4#
57 27.0 14.3 21.5#
100 0.0 8.0 12.0#



#59
1,2,3-Trichloropropane
Concen: 0.989 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040082.D
Acq: 10 Sep 2020 15:42

Tgt Ion: 75 Resp: 7737
Ion Ratio Lower Upper
75 100
77 35.3 24.9 37.3

