

Data File : VU035826.D
Acq On : 25 Nov 2019 15:47
Operator : JC/SP
Sample : VU1125WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK13

Quant Time: Nov 26 01:06:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 01:03:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	250535	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	284932	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	121569	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	144656	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	140588	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.59	63	188507	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.70	46	464112	61.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.56%
24) Chloroform-d	5.11	84	280927	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.75	65	159011	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.77	84	532948	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	186127	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.93	98	424995	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.21	79	66972	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.68	63	357885	62.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.94%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	160475	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	148127	5.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.20%

Target Compounds

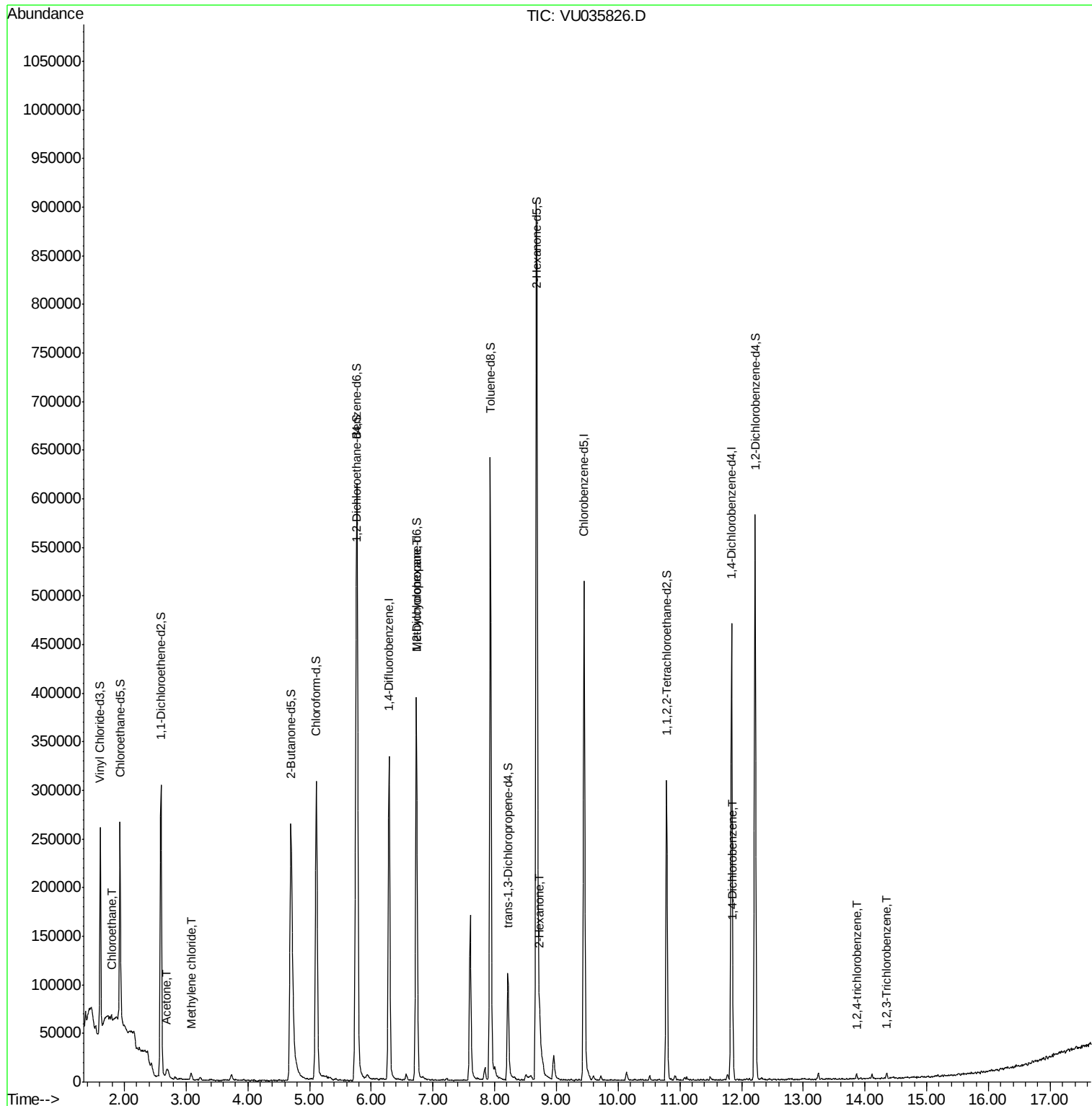
					Qvalue
8) Chloroethane	1.79	64	71133	2.939 ug/L #	50
13) Acetone	2.69	43	13668	2.055 ug/L	93
16) Methylene chloride	3.08	84	2908	0.092 ug/L	95
35) Methylcyclohexane	6.73	83	41550	0.971 ug/L #	13
48) 2-Hexanone	8.73	43	16894	1.108 ug/L #	91
63) 1,4-Dichlorobenzene	11.87	146	3419	0.080 ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	1459	0.097 ug/L #	83
70) 1,2,3-Trichlorobenzene	14.35	180	1815	0.124 ug/L	91

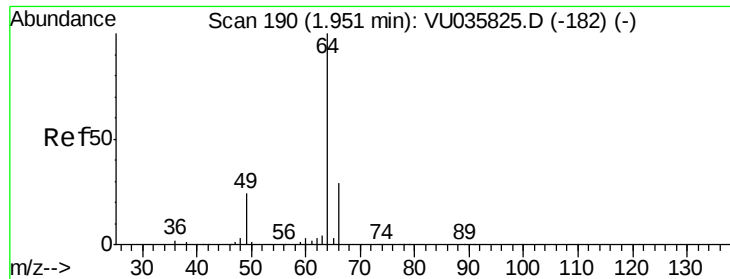
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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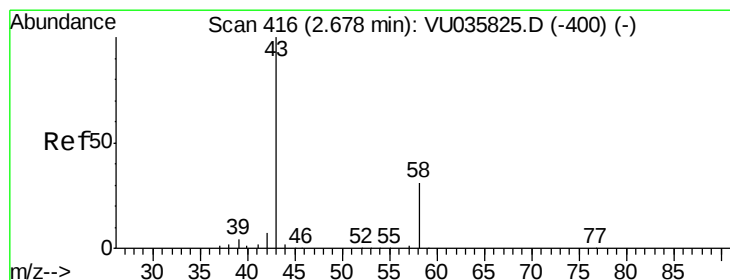
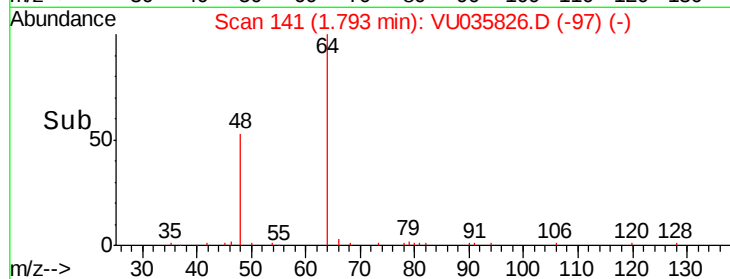
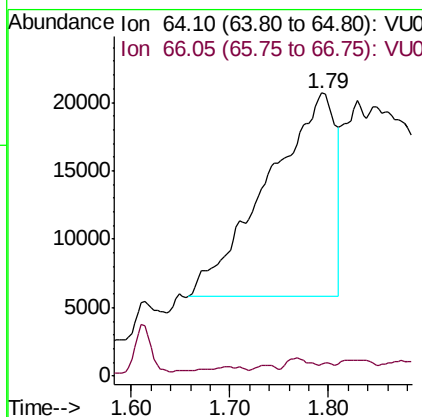
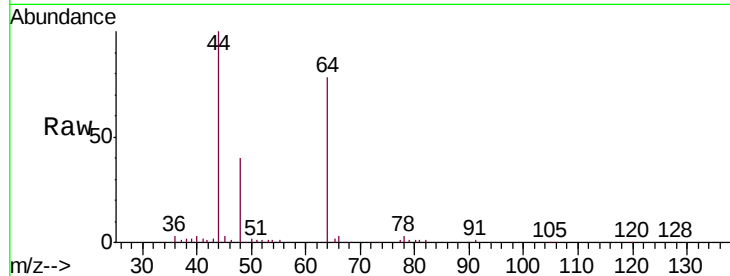




#8
 Chloroethane
 Concen: 2.939 ug/L
 RT: 1.79 min Scan# 141
 Delta R.T. -0.16 min
 Lab File: VU035826.D
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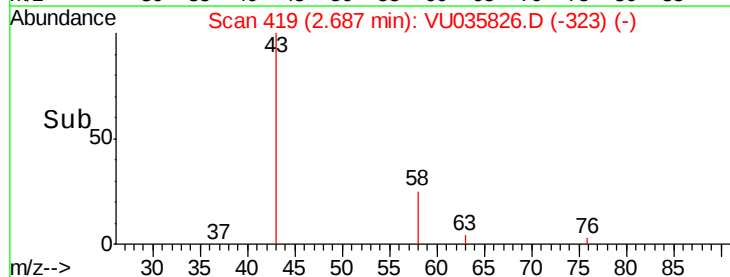
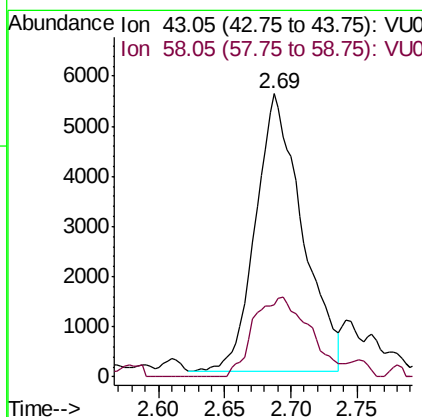
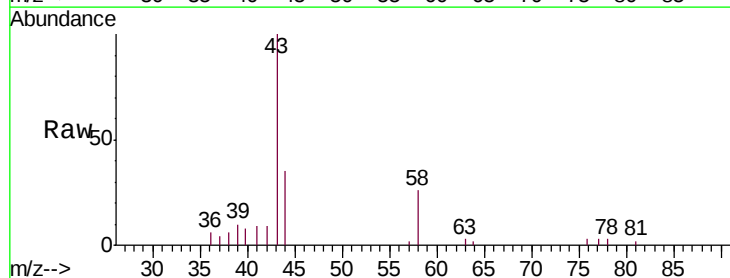
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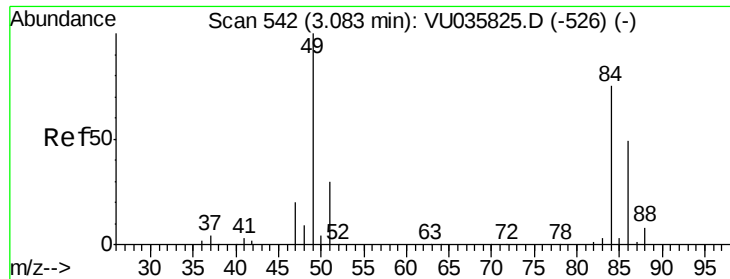
Tgt Ion: 64 Resp: 71133
 Ion Ratio Lower Upper
 64 100
 66 4.1 22.3 41.5#



#13
 Acetone
 Concen: 2.055 ug/L
 RT: 2.69 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VU035826.D
 Acq: 25 Nov 2019 15:47

Tgt Ion: 43 Resp: 13668
 Ion Ratio Lower Upper
 43 100
 58 34.6 0.0 61.2

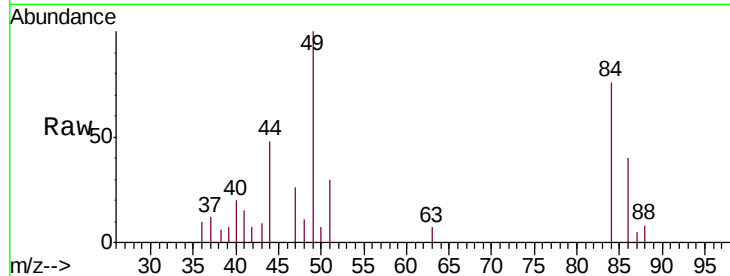




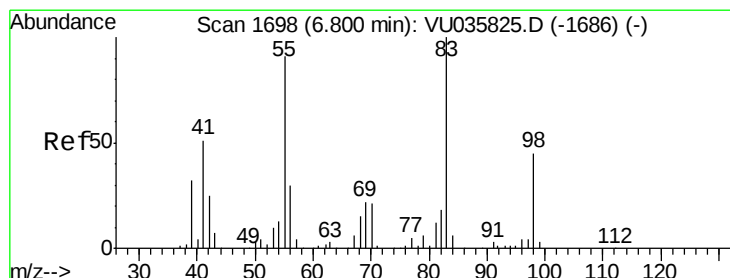
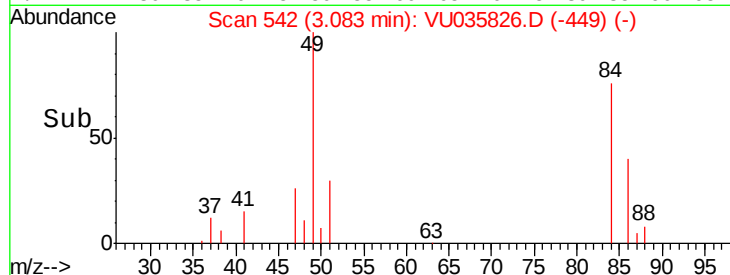
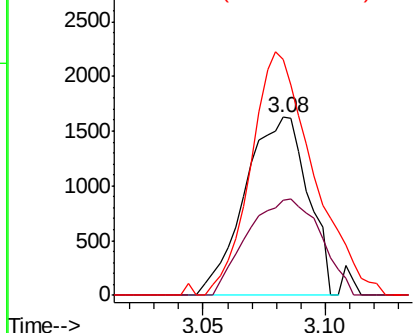
#16
Methylene chloride
Concen: 0.092 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035826.D
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Instrument :
MSVOA_U
ClientSampleId :
VBLK13

Tgt Ion: 84 Resp: 2908
Ion Ratio Lower Upper
84 100
86 53.2 44.4 82.5
49 132.2 94.0 174.6

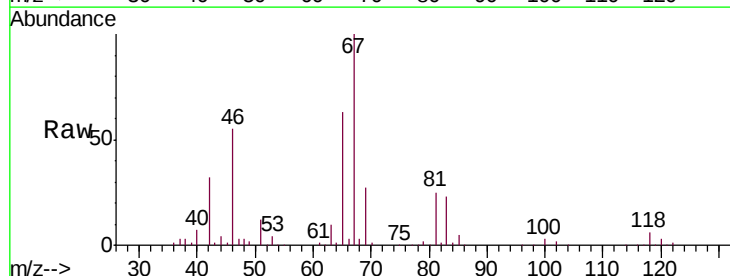


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

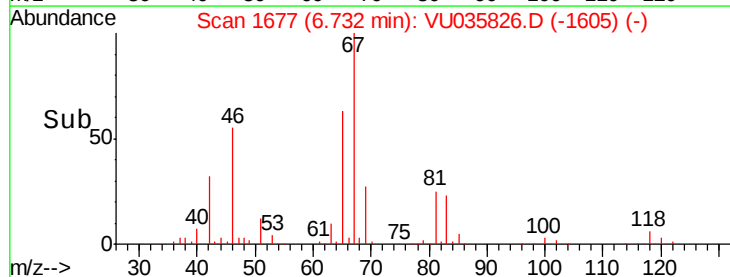
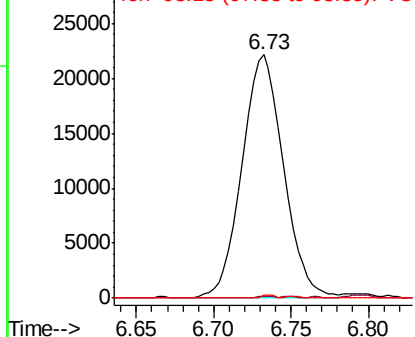


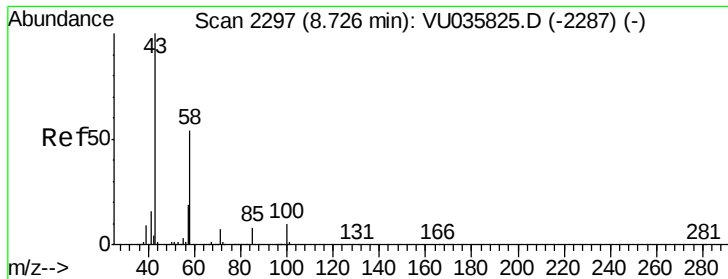
#35
Methylcyclohexane
Concen: 0.971 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035826.D
Acq: 25 Nov 2019 15:47

Tgt Ion: 83 Resp: 41550
Ion Ratio Lower Upper
83 100
55 0.2 72.7 109.1#
98 0.4 36.2 54.4#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

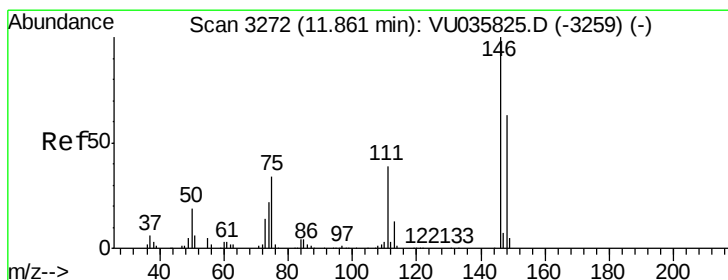
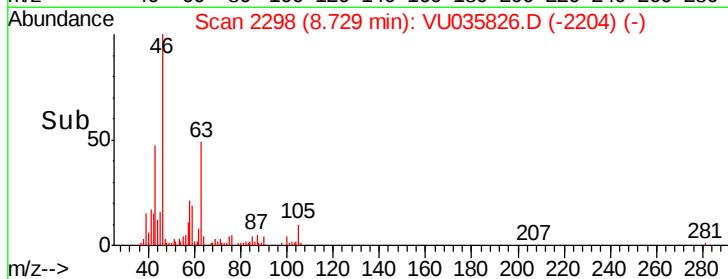
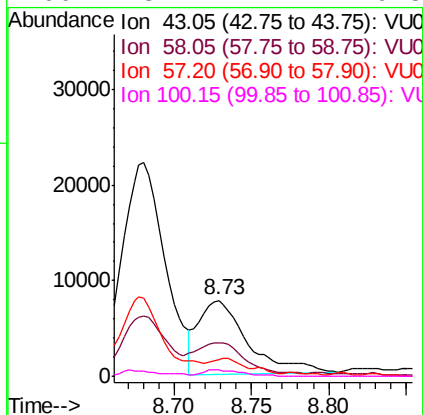
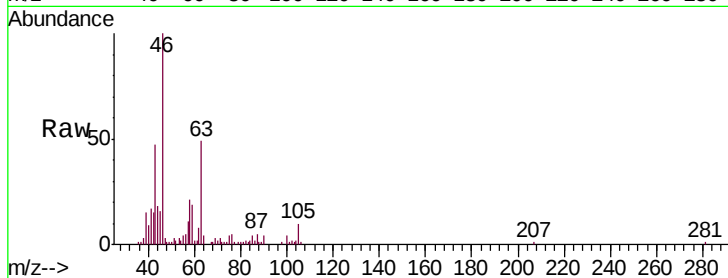




#48
 2-Hexanone
 Concen: 1.108 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: VU035826.D
 Acq: 25 Nov 2019 15:47

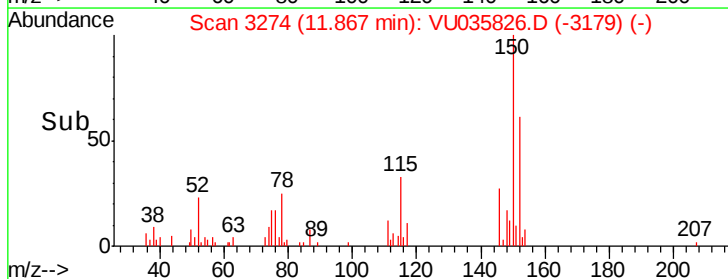
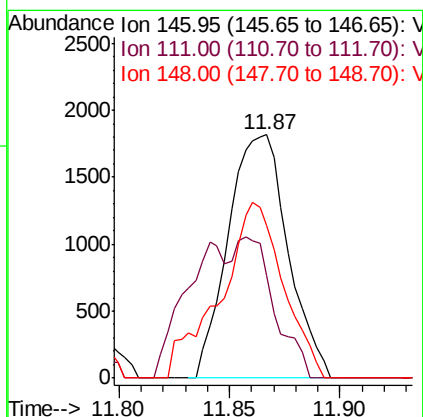
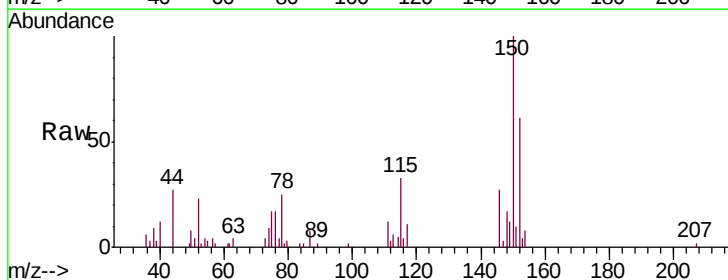
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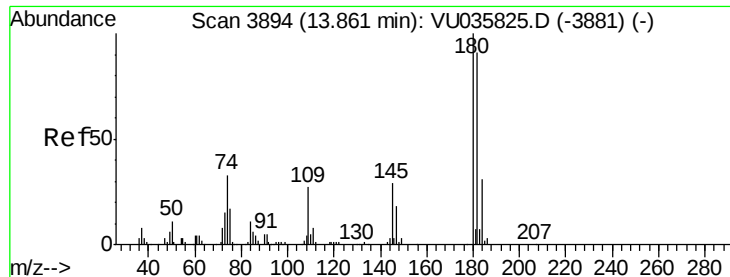
Tgt Ion:	43	Resp:	16894
Ion	Ratio	Lower	Upper
43	100		
58	43.1	39.8	59.8
57	15.2	14.0	21.0
100	5.1	7.2	10.8#



#63
 1,4-Dichlorobenzene
 Concen: 0.080 ug/L
 RT: 11.87 min Scan# 3274
 Delta R.T. 0.01 min
 Lab File: VU035826.D
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Tgt Ion:	146	Resp:	3419
Ion	Ratio	Lower	Upper
146	100		
111	42.5	27.9	51.7
148	62.7	44.2	82.2

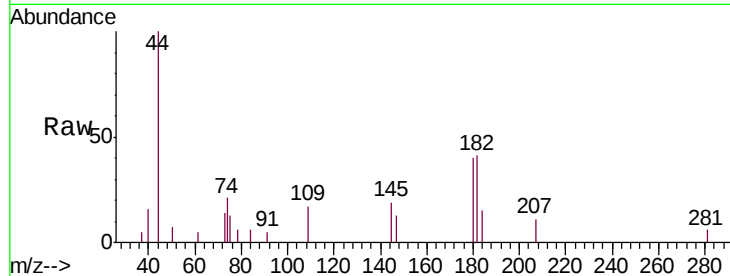




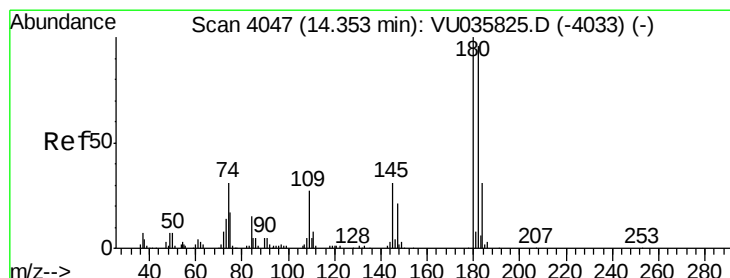
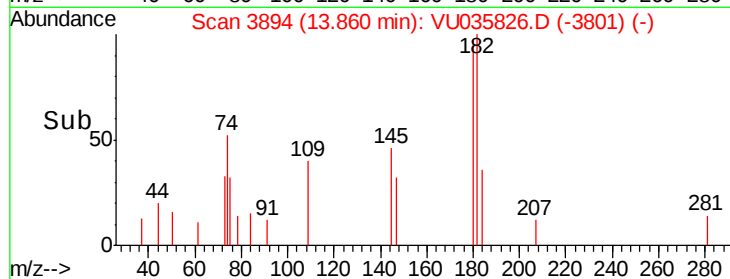
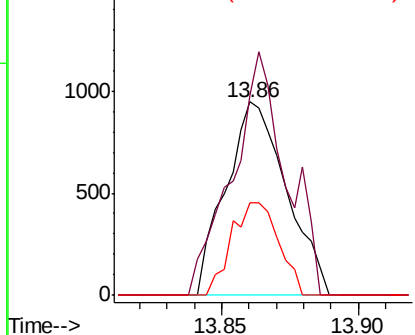
#68
 1,2,4-trichlorobenzene
 Concen: 0.097 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU035826.D
 Acq: 25 Nov 2019 15:47

Instrument :
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 ClientSampleId :
 VBLK13

Tgt Ion:180 Resp: 1459
 Ion Ratio Lower Upper
 180 100
 182 111.6 75.1 112.7
 145 37.4 24.0 36.0#

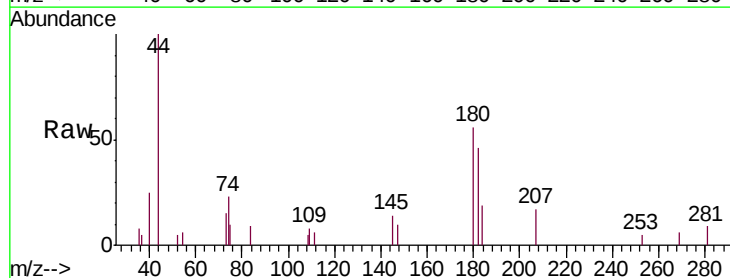


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.124 ug/L
 RT: 14.35 min Scan# 4046
 Delta R.T. -0.00 min
 Lab File: VU035826.D
 Acq: 25 Nov 2019 15:47

Tgt Ion:180 Resp: 1815
 Ion Ratio Lower Upper
 180 100
 182 85.6 77.4 116.0
 145 29.8 24.7 37.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

