

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061518\
 Data File : VU024590.D
 Acq On : 15 Jun 2018 13:56
 Operator : MD/SY
 Sample : J3511-05ME
 Misc : 3.55g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEBY2ME

Quant Time: Jun 16 01:42:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 16 00:38:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	339370	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	339031	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	187927	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	62650	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.50%
7) Chloroethane-d5	1.57	69	480	0.32	ug/L	-0.12
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.64%#
11) 1,1-Dichloroethene-d2	2.24	63	101186	26.07	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.14%#
21) 2-Butanone-d5	4.19	46	132249	80.66	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.66%
24) Chloroform-d	4.65	84	140347	35.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.72%
26) 1,2-Dichloroethane-d4	5.31	65	92494	37.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.36%
32) Benzene-d6	5.34	84	287862	34.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.74%#
36) 1,2-Dichloropropane-d6	6.33	67	98016	35.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	71.58%
41) Toluene-d8	7.57	98	291554	35.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.00%#
43) trans-1,3-Dichloropropene-	7.86	79	50131	35.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.74%
47) 2-Hexanone-d5	8.33	63	114151	80.97	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.97%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158421	39.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.88%
64) 1,2-Dichlorobenzene-d4	11.87	152	135924	37.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.96%#

Target Compounds

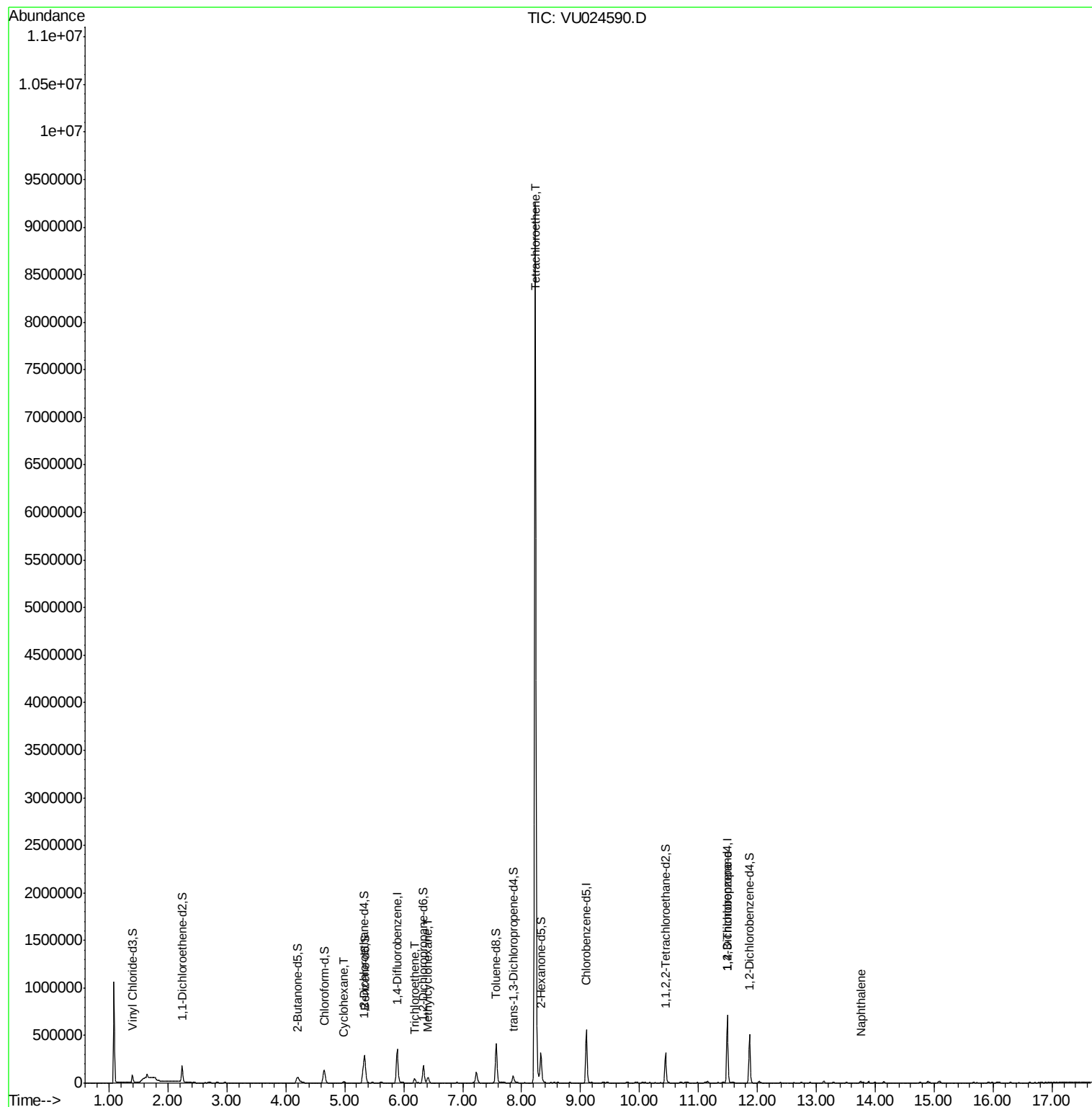
					Qvalue
29) Cyclohexane	4.99	56	7360	1.751	ug/L 87
34) Trichloroethene	6.18	95	16168	5.872	ug/L 98
35) Methylcyclohexane	6.41	83	26684	6.029	ug/L 99
46) Tetrachloroethene	8.23	164	2122669	915.830	ug/L 99
59) 1,2,3-Trichloropropane	11.49	75	22428	6.371	ug/L 93
69) Naphthalene	13.75	128	16871	1.455	ug/L 98

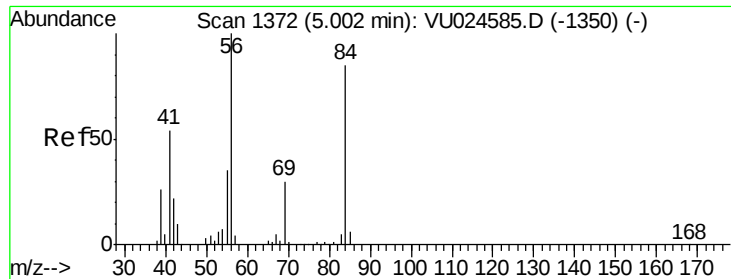
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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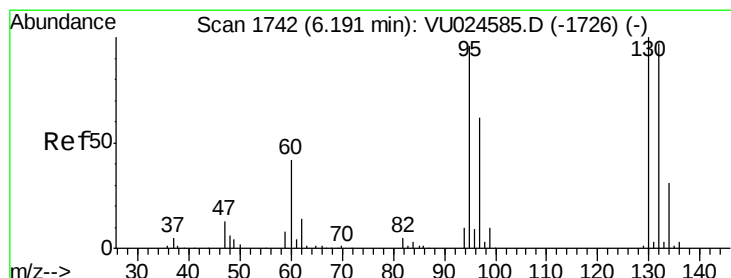
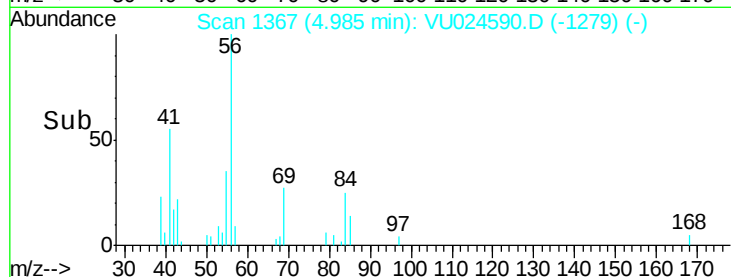
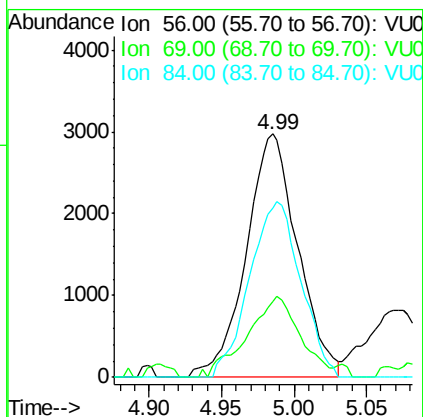
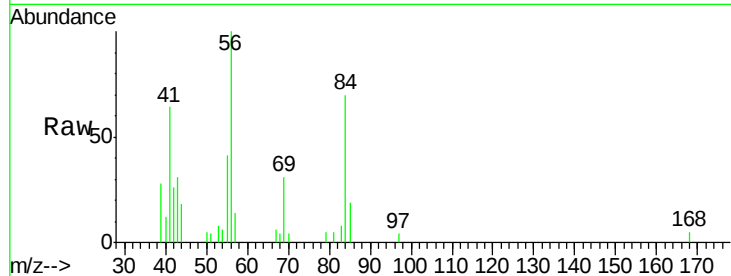




#29
Cyclohexane
Concen: 1.751 ug/L
RT: 4.99 min Scan# 1367
Delta R.T. -0.02 min
Lab File: VU024590.D
Acq: 15 Jun 2018 13:56

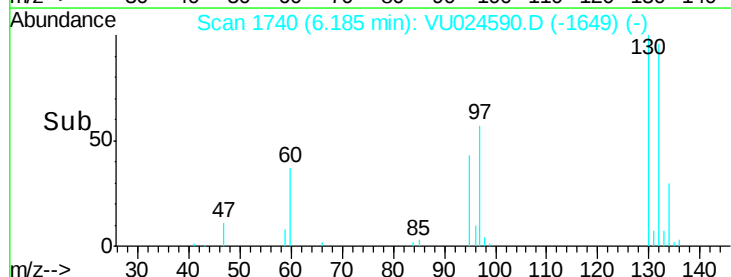
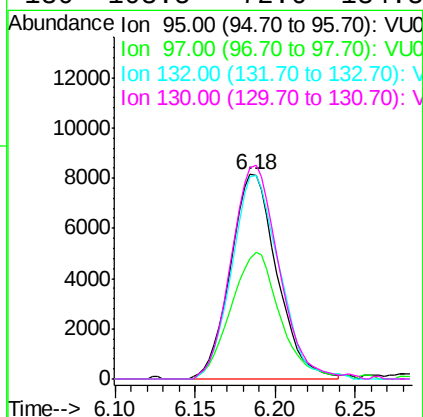
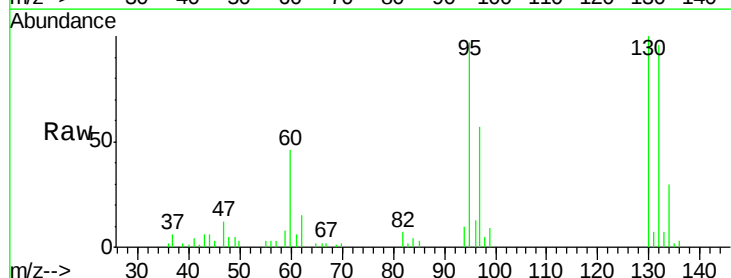
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MSVOA_U
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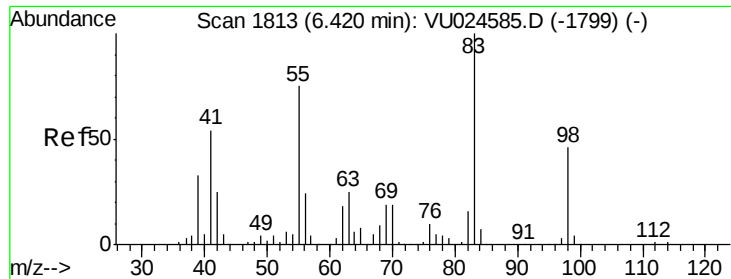
Tgt Ion: 56 Resp: 7360
Ion Ratio Lower Upper
56 100
69 34.0 24.7 37.1
84 71.7 68.8 103.2



#34
Trichloroethene
Concen: 5.872 ug/L
RT: 6.18 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VU024590.D
Acq: 15 Jun 2018 13:56

Tgt Ion: 95 Resp: 16168
Ion Ratio Lower Upper
95 100
97 58.7 44.8 83.2
132 98.8 70.4 130.8
130 103.5 72.6 134.8

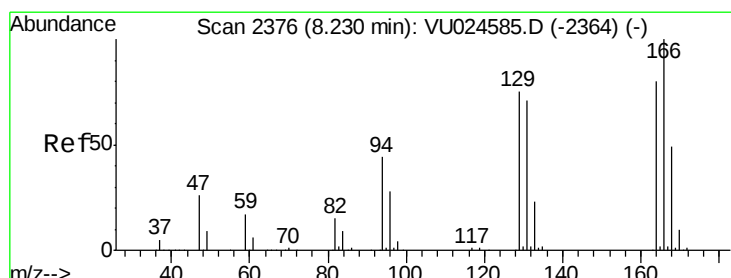
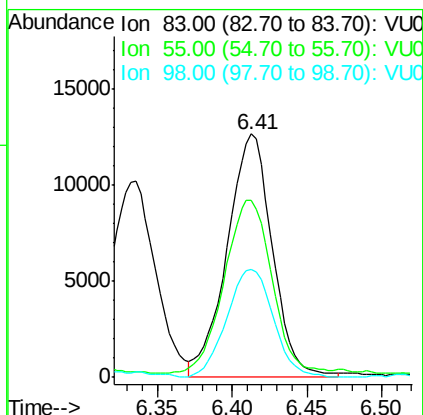
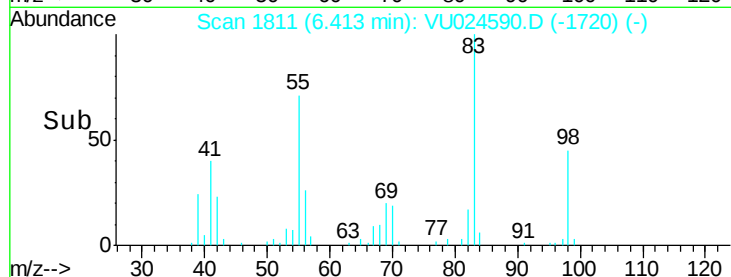
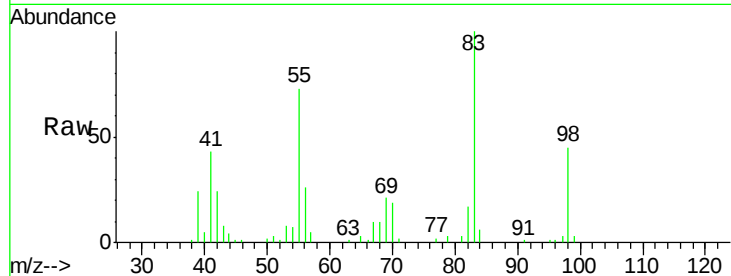




#35
Methylcyclohexane
Concen: 6.029 ug/L
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU024590.D
Acq: 15 Jun 2018 13:56

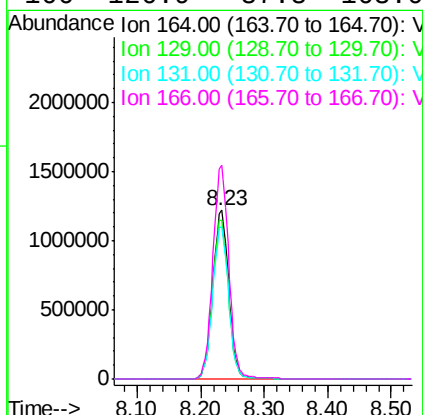
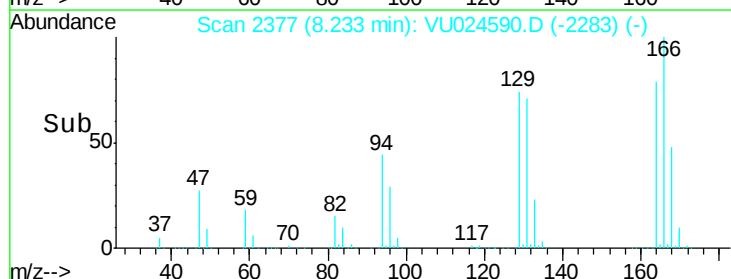
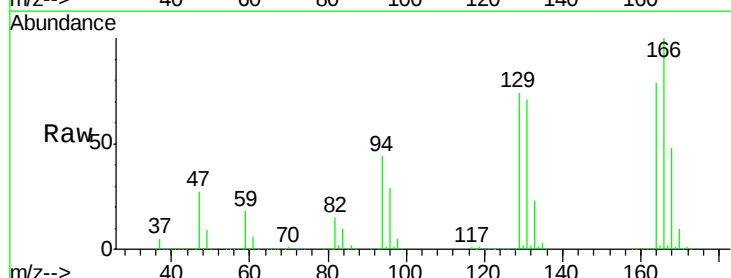
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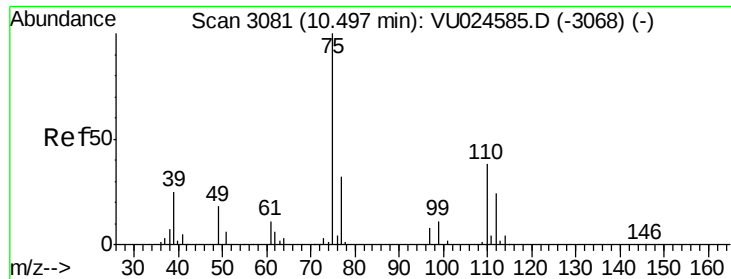
Tgt Ion: 83 Resp: 26684
Ion Ratio Lower Upper
83 100
55 74.2 59.4 89.0
98 45.7 37.6 56.4



#46
Tetrachloroethene
Concen: 915.830 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024590.D
Acq: 15 Jun 2018 13:56

Tgt Ion: 164 Resp: 2122669
Ion Ratio Lower Upper
164 100
129 94.2 65.7 121.9
131 90.7 62.0 115.2
166 126.9 87.8 163.0

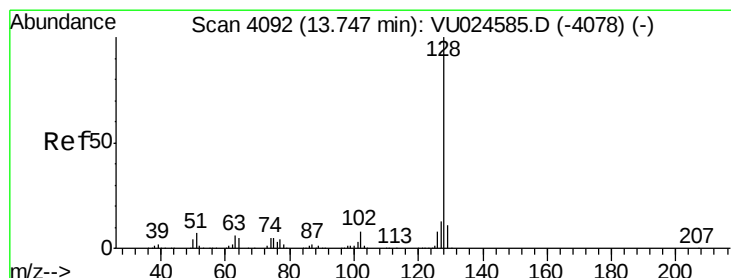
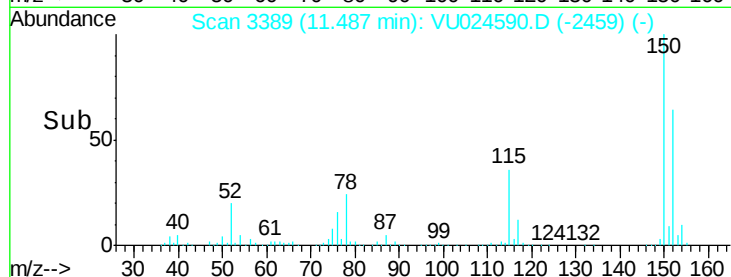
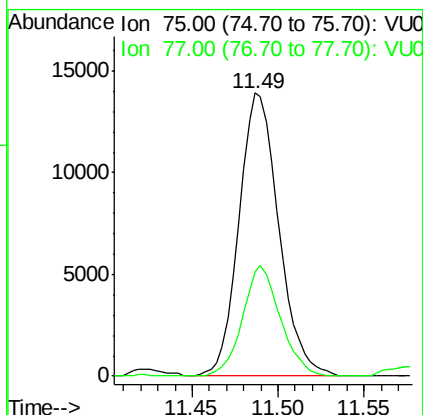
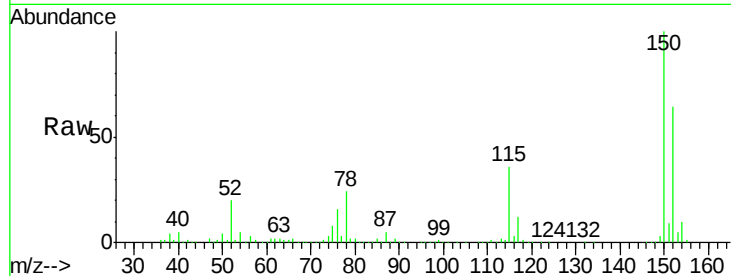




#59
 1,2,3-Trichloropropane
 Concen: 6.371 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU024590.D
 Acq: 15 Jun 2018 13:56

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Tgt Ion: 75 Resp: 22428
 Ion Ratio Lower Upper
 75 100
 77 37.0 26.3 39.5



#69
 Naphthalene
 Concen: 1.455 ug/L
 RT: 13.75 min Scan# 4093
 Delta R.T. 0.00 min
 Lab File: VU024590.D
 Acq: 15 Jun 2018 13:56

Tgt Ion: 128 Resp: 16871
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.2 15.4
 129 11.2 8.7 13.1

