

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037083.D
 Acq On : 05 Mar 2020 15:05
 Operator : JC/MD
 Sample : L1780-13
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH7

Quant Time: Mar 05 22:39:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 05 22:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	253175	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	242642	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77654	36.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.04%
7) Chloroethane-d5	1.93	69	80052	45.51	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.02%
11) 1,1-Dichloroethene-d2	2.59	63	108410	30.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.90%
21) 2-Butanone-d5	4.67	46	148587	104.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.19%
24) Chloroform-d	5.11	84	155993	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
26) 1,2-Dichloroethane-d4	5.74	65	108732	49.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.98%
32) Benzene-d6	5.76	84	328089	46.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.52%
36) 1,2-Dichloropropane-d6	6.72	67	109877	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.66%
41) Toluene-d8	7.93	98	288138	44.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.52%
43) trans-1,3-Dichloropropene-	8.20	79	43566	41.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.48%
47) 2-Hexanone-d5	8.66	63	98836	88.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	155019	48.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.74%
64) 1,2-Dichlorobenzene-d4	12.21	152	84685	50.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.46%

Target Compounds

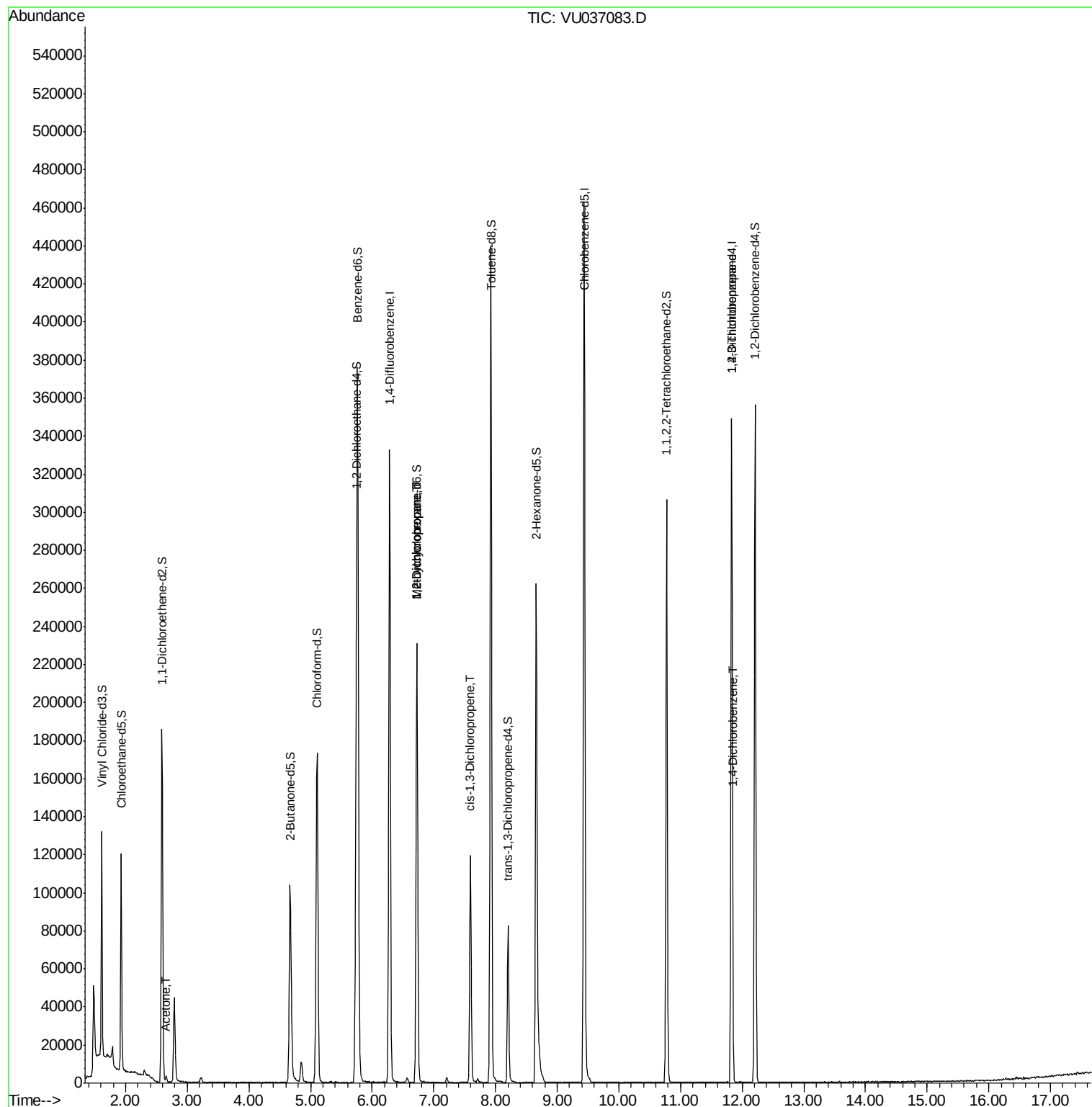
					Ovalue
13) Acetone	2.66	43	3089	2.106 ug/L	97
35) Methylcyclohexane	6.72	83	24076	7.370 ug/L #	19
37) 1,2-Dichloropropane	6.72	63	12061	5.844 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2955	0.929 ug/L #	69
59) 1,2,3-Trichloropropane	11.83	75	13978	5.265 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	2481	0.897 ug/L	90

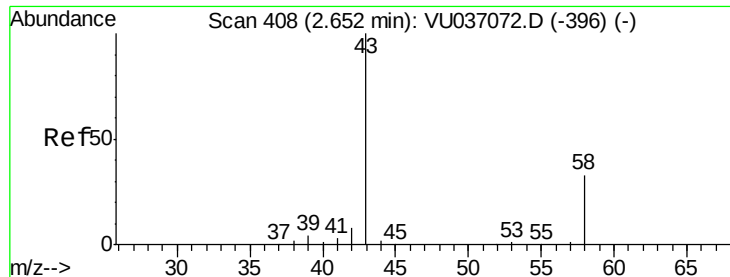
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.106 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.01 min

Lab File: VU037083.D

Acq: 05 Mar 2020 15:05

Instrument :

MSVOA_U

ClientSampleId :

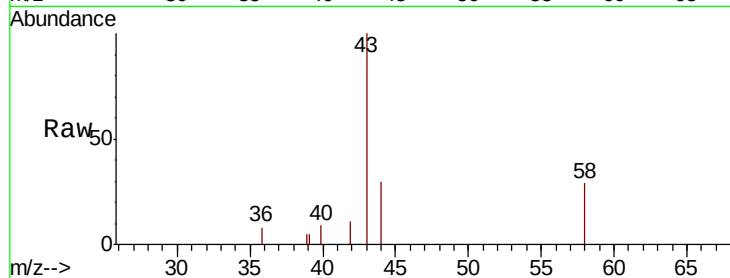
C0DH7

Tot Ion: 43 Resp: 3089

Ion Ratio Lower Upper

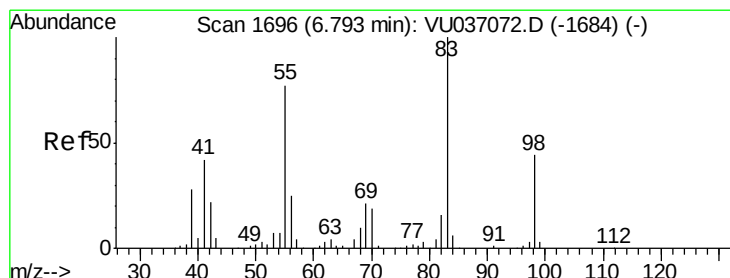
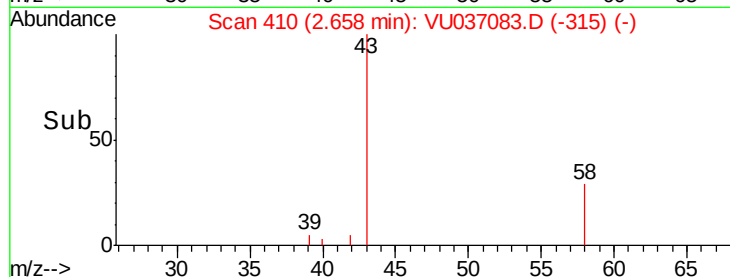
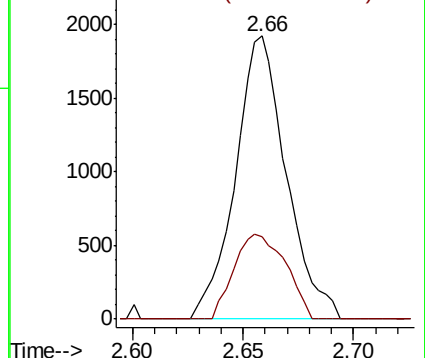
43 100

58 30.4 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU037072.D (-396) (-)

Ion 58.00 (57.70 to 58.70): VU037072.D (-396) (-)



#35

Methylcyclohexane

Concen: 7.370 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU037083.D

Acq: 05 Mar 2020 15:05

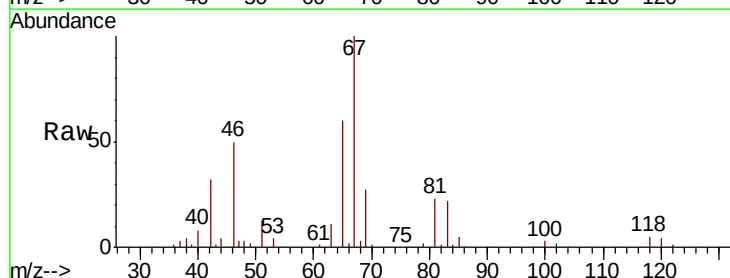
Tgt Ion: 83 Resp: 24076

Ion Ratio Lower Upper

83 100

55 0.0 62.6 93.8#

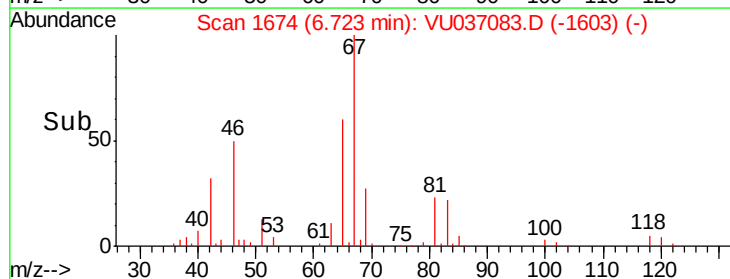
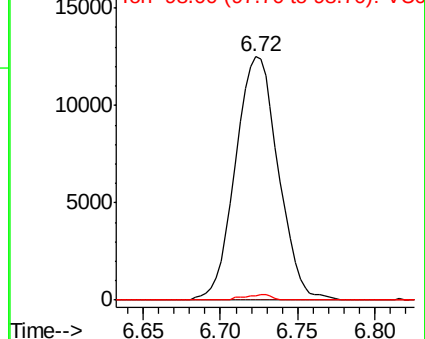
98 1.4 35.1 52.7#

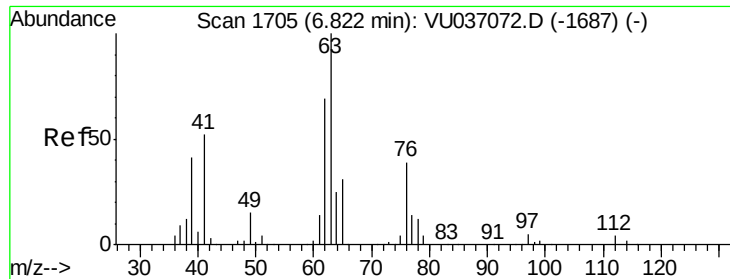


Abundance Ion 83.00 (82.70 to 83.70): VU037072.D (-1684) (-)

Ion 55.00 (54.70 to 55.70): VU037072.D (-1684) (-)

Ion 98.00 (97.70 to 98.70): VU037072.D (-1684) (-)

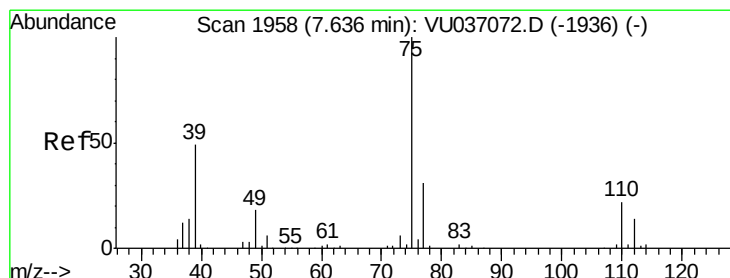
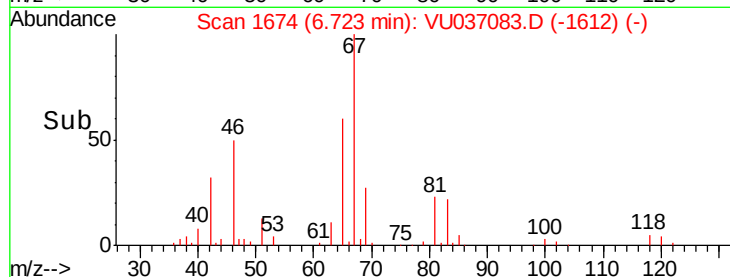
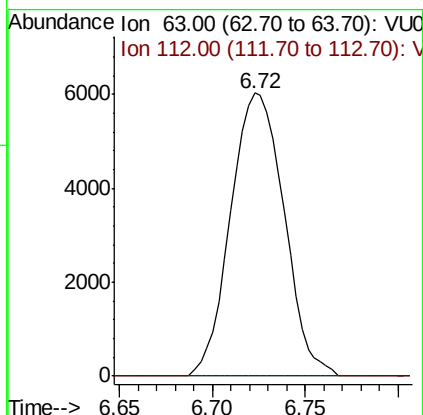
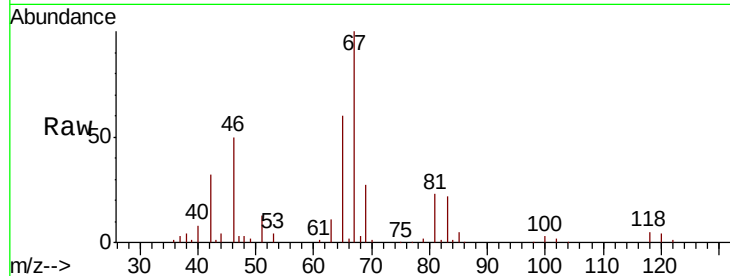




#37
 1,2-Dichloropropane
 Concen: 5.844 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU037083.D
 Acq: 05 Mar 2020 15:05

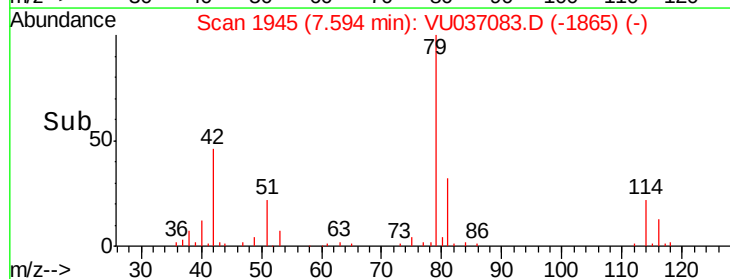
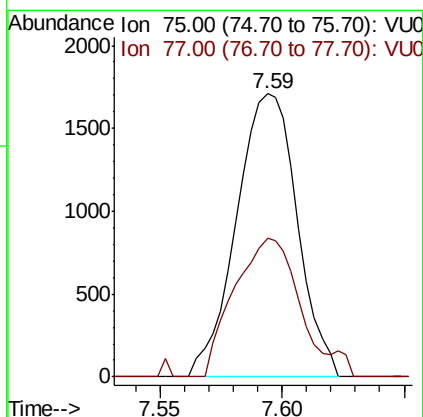
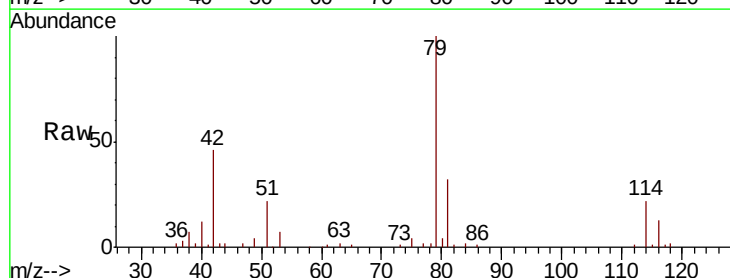
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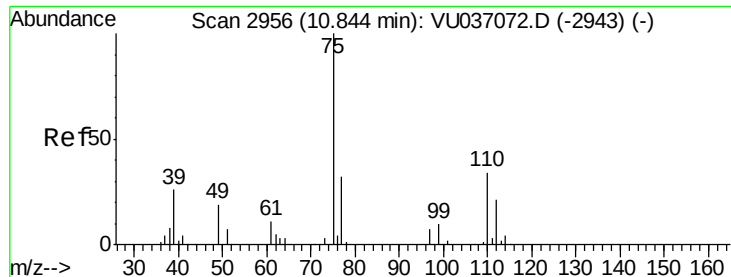
Tot Ion: 63 Resp: 12061
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.929 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU037083.D
 Acq: 05 Mar 2020 15:05

Tgt Ion: 75 Resp: 2955
 Ion Ratio Lower Upper
 75 100
 77 48.8 22.0 41.0#

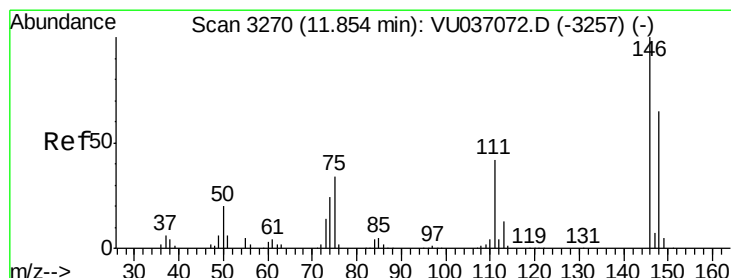
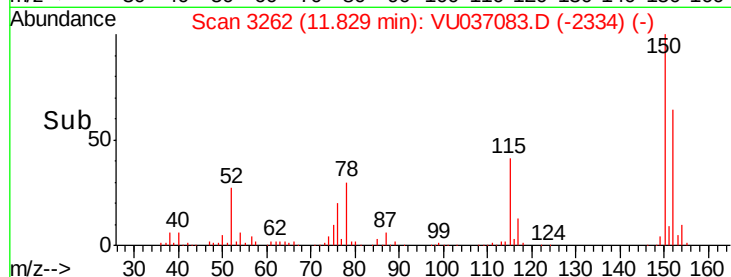
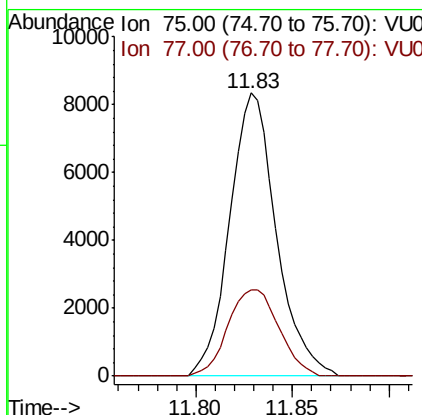
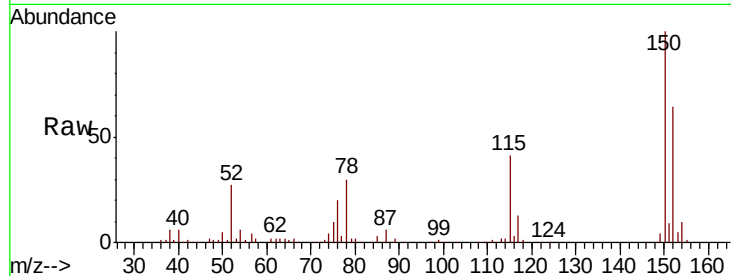




#59
 1,2,3-Trichloropropane
 Concen: 5.265 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.98 min
 Lab File: VU037083.D
 Acq: 05 Mar 2020 15:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DH7

Tot Ion: 75 Resp: 13978
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.2 39.2



#63
 1,4-Dichlorobenzene
 Concen: 0.897 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. 0.00 min
 Lab File: VU037083.D
 Acq: 05 Mar 2020 15:05

Tgt Ion: 146 Resp: 2481
 Ion Ratio Lower Upper
 146 100
 111 37.5 29.8 55.4
 148 55.2 45.1 83.9

