

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030520\
 Data File : VU037073.D
 Acq On : 05 Mar 2020 11:02
 Operator : JC/MD
 Sample : VU0305WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK40

Quant Time: Mar 05 22:38:05 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	260906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247696	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85858	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90761	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.84%
7) Chloroethane-d5	1.93	69	87514	48.27	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.54%
11) 1,1-Dichloroethene-d2	2.59	63	123024	33.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.06%
21) 2-Butanone-d5	4.67	46	149721	101.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.87%
24) Chloroform-d	5.11	84	163595	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.74	65	115307	50.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.86%
32) Benzene-d6	5.76	84	354731	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
36) 1,2-Dichloropropane-d6	6.72	67	118718	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	7.92	98	313608	47.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.38%
43) trans-1,3-Dichloropropene-	8.20	79	47476	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.04%
47) 2-Hexanone-d5	8.66	63	99570	87.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.75%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	161154	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
64) 1,2-Dichlorobenzene-d4	12.21	152	91164	54.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.64%

Target Compounds

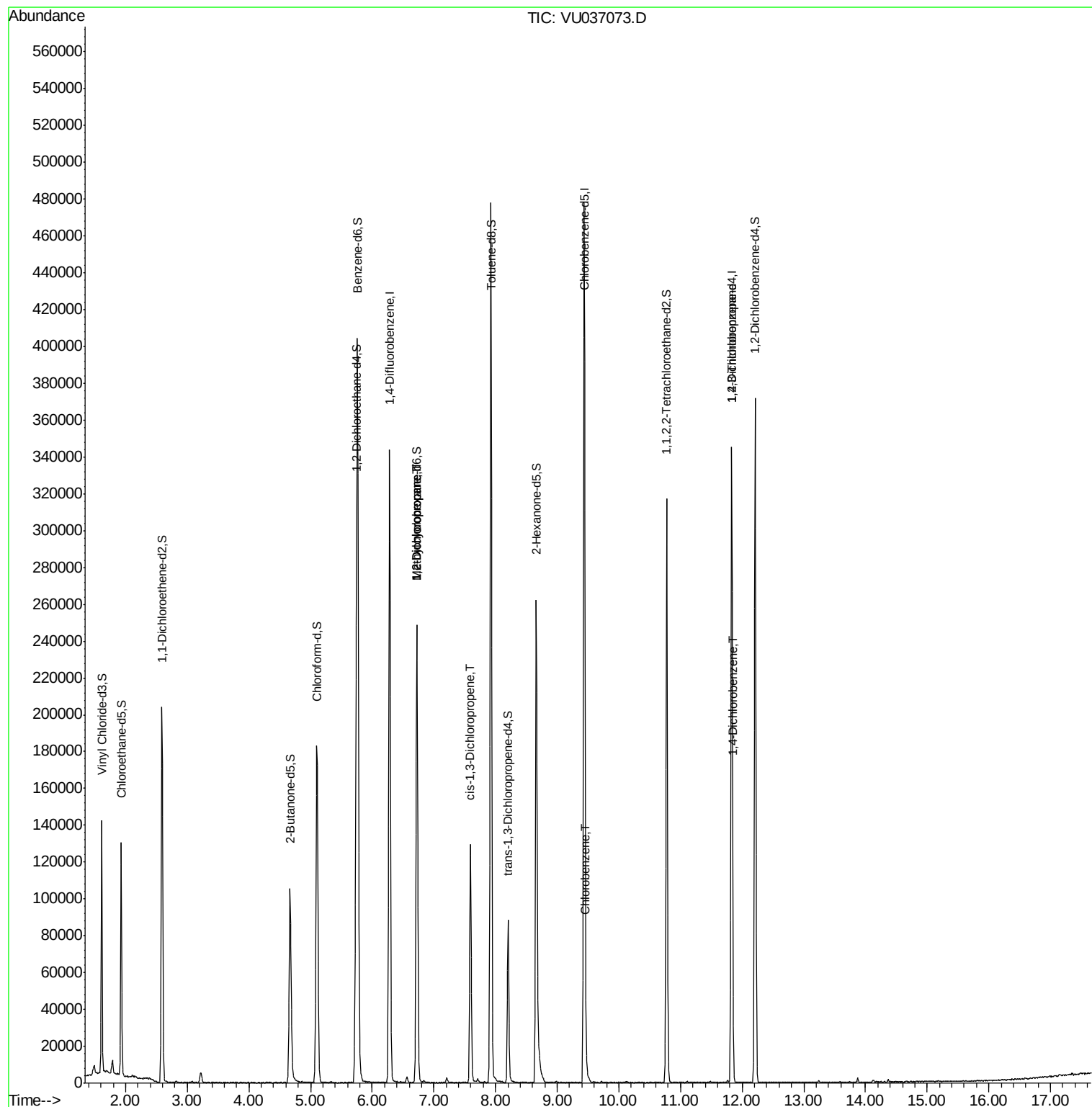
					Ovalue
35) Methylcyclohexane	6.73	83	25717	7.712 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12882	6.114 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3112	0.959 ug/L #	80
51) Chlorobenzene	9.47	112	5332	1.079 ug/L	94
59) 1,2,3-Trichloropropane	11.83	75	14405	5.315 ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	3723	1.353 ug/L	92

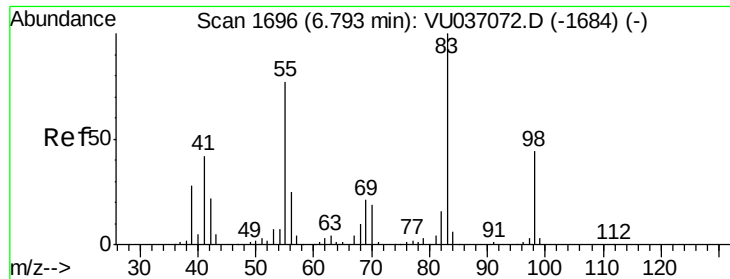
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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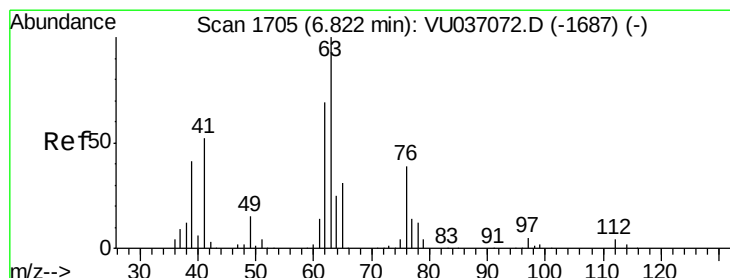
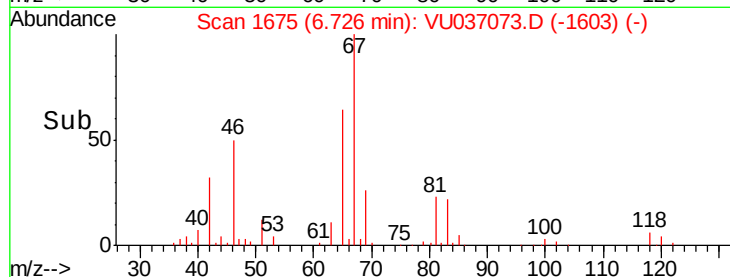
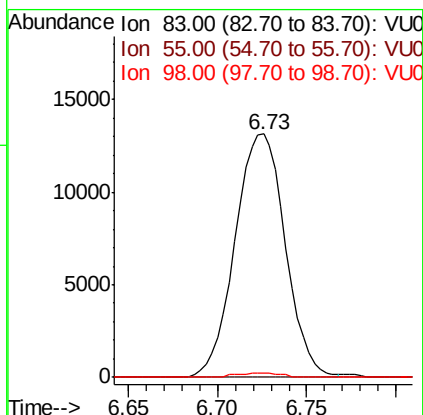
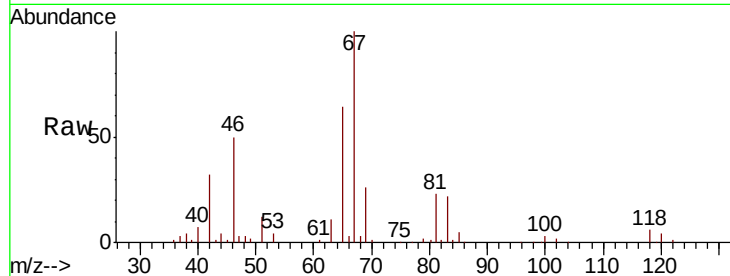




#35
Methylvlcyclohexane
Concen: 7.712 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037073.D
Acq: 05 Mar 2020 11:02

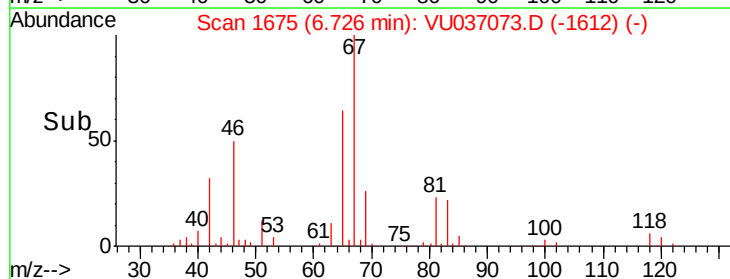
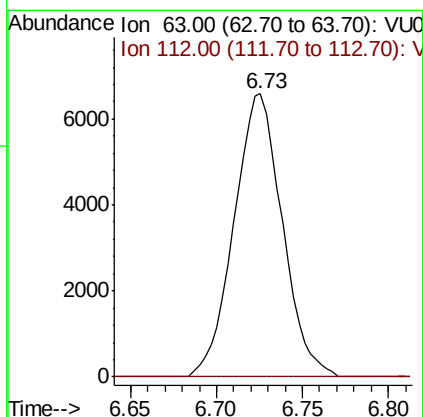
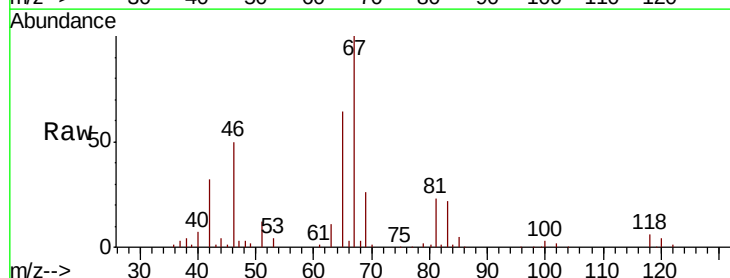
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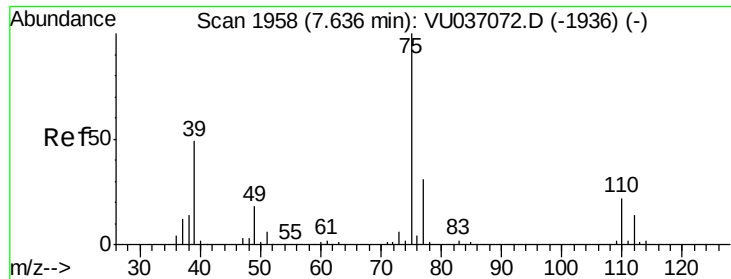
Tot Ion: 83 Resp: 25717
Ion Ratio Lower Upper
83 100
55 0.0 62.6 93.8#
98 1.1 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 6.114 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU037073.D
Acq: 05 Mar 2020 11:02

Tgt Ion: 63 Resp: 12882
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

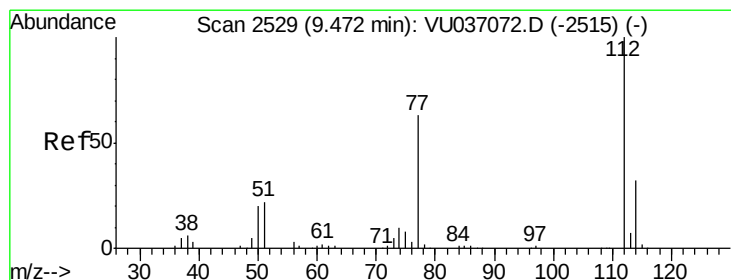
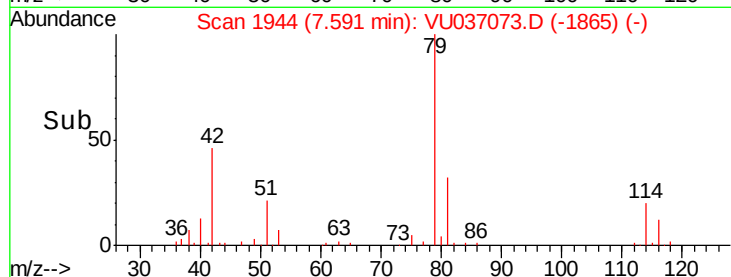
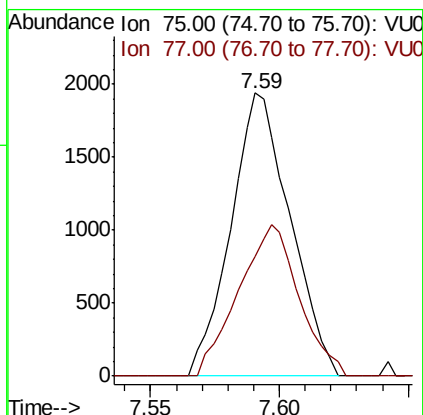
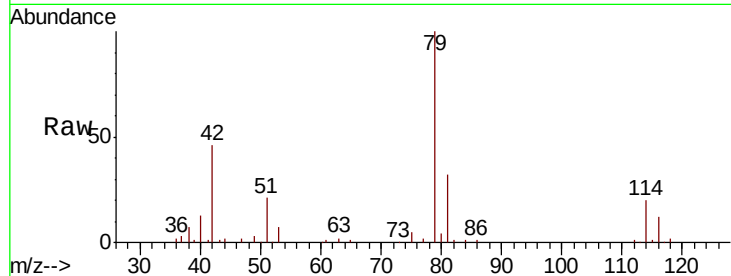




#39
 cis-1,3-Dichloropropene
 Concen: 0.959 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.05 min
 Lab File: VU037073.D
 Acq: 05 Mar 2020 11:02

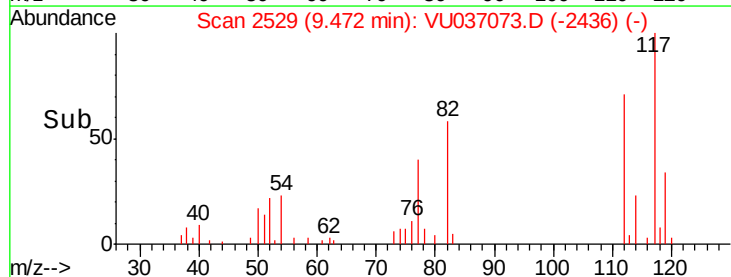
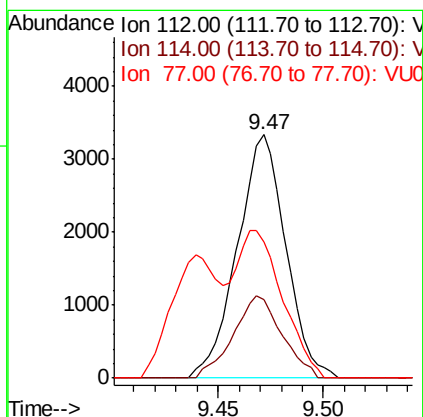
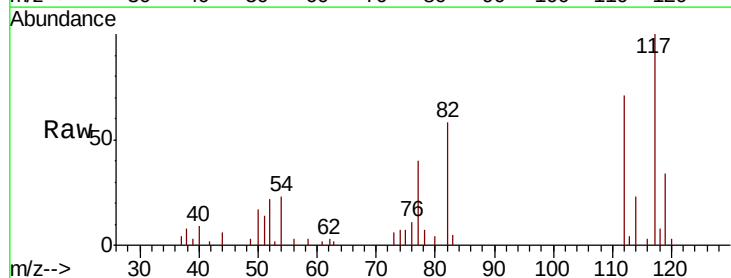
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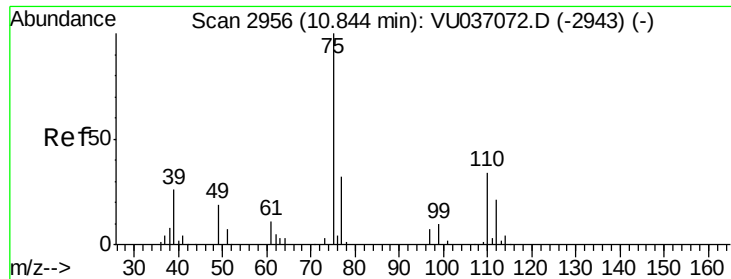
Tot Ion: 75 Resp: 3112
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.0 41.0#



#51
 Chlorobenzene
 Concen: 1.079 ug/L
 RT: 9.47 min Scan# 2529
 Delta R.T. 0.00 min
 Lab File: VU037073.D
 Acq: 05 Mar 2020 11:02

Tgt Ion: 112 Resp: 5332
 Ion Ratio Lower Upper
 112 100
 114 32.4 22.3 41.5
 77 56.0 50.1 75.1

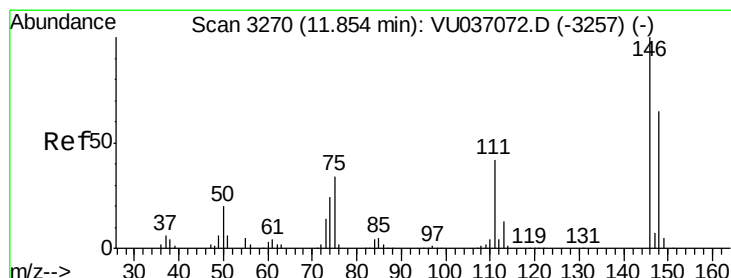
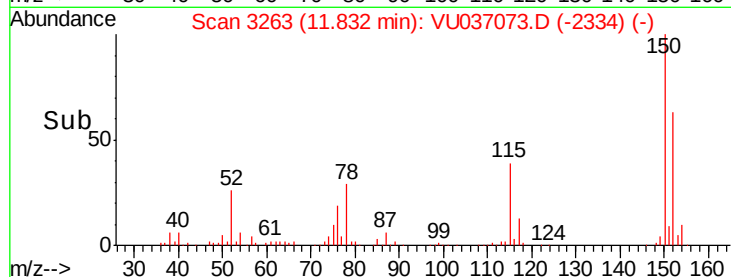
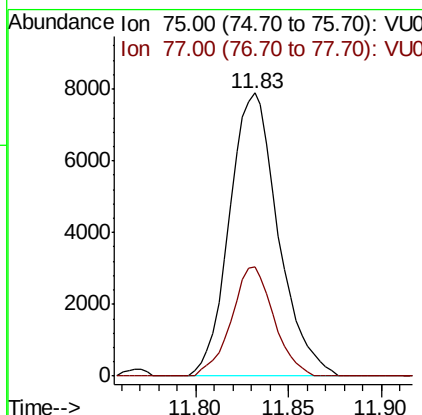
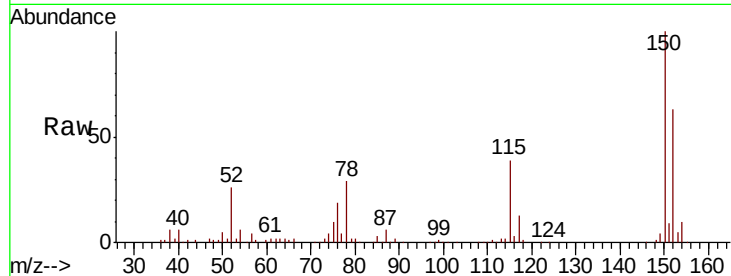




#59
 1,2,3-Trichloropropane
 Concen: 5.315 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU037073.D
 Acq: 05 Mar 2020 11:02

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK40

Tot Ion: 75 Resp: 14405
 Ion Ratio Lower Upper
 75 100
 77 33.6 26.2 39.2



#63
 1,4-Dichlorobenzene
 Concen: 1.353 ug/L
 RT: 11.85 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU037073.D
 Acq: 05 Mar 2020 11:02

Tgt Ion: 146 Resp: 3723
 Ion Ratio Lower Upper
 146 100
 111 36.0 29.8 55.4
 148 59.0 45.1 83.9

