

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040419.D
 Acq On : 01 Oct 2020 13:03
 Operator : SY/MD
 Sample : L4188-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 02 03:21:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	122904	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128082	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28187	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.92	69	29440	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.58	63	48410	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	181438	60.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.06%
24) Chloroform-d	5.08	84	77000	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.72	65	49392	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.74	84	134749	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.70	67	50415	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.91	98	103224	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.19	79	19036	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.64	63	123855	54.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49054	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	50667	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#

Target Compounds

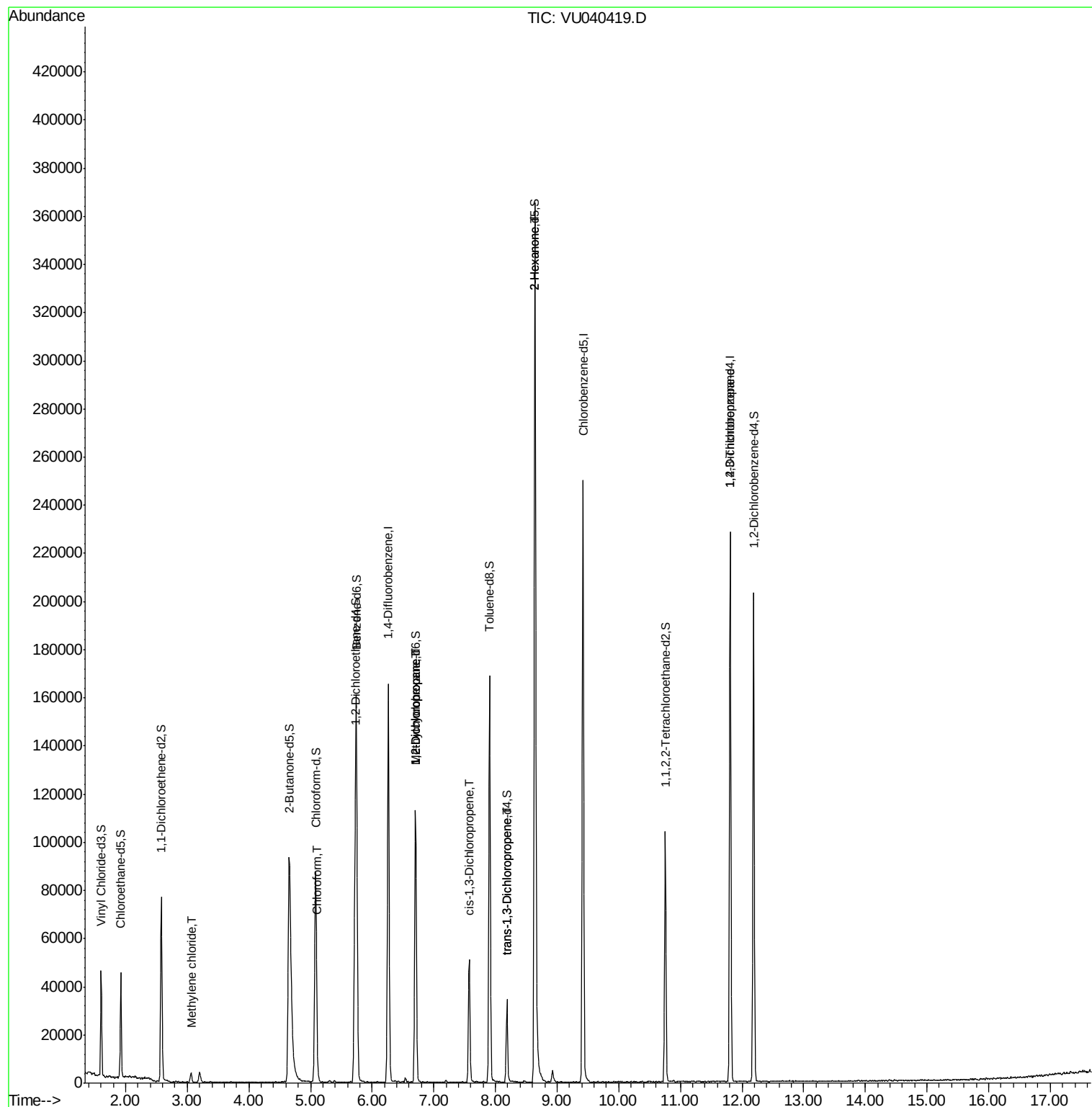
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.07	84	1862	0.158	ug/L	85
25) Chloroform	5.11	83	4446	0.219	ug/L	96
35) Methylcyclohexane	6.70	83	11586	0.693	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5983	0.500	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1558	0.097	ug/L #	79
44) trans-1,3-Dichloropropene	8.19	75	1072	0.072	ug/L	90
48) 2-Hexanone	8.64	43	16192	2.346	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	8223	0.949	ug/L	91

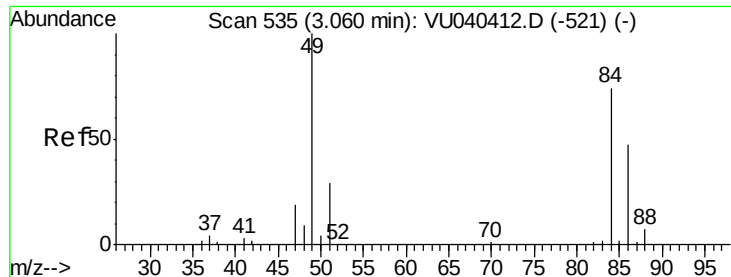
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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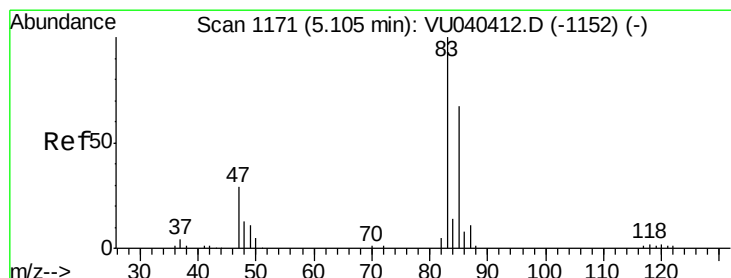
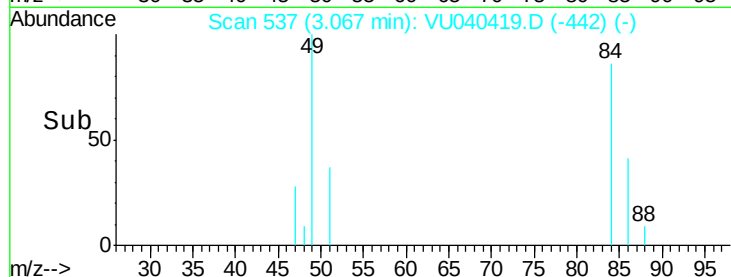
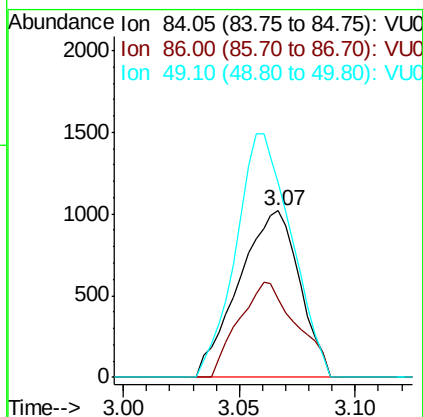
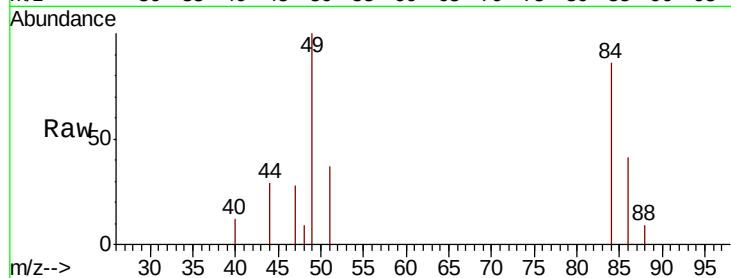




#16
Methvlene chloride
Concen: 0.158 ug/L
RT: 3.07 min Scan# 537
Delta R.T. 0.01 min
Lab File: VU040419.D
Acq: 01 Oct 2020 13:03

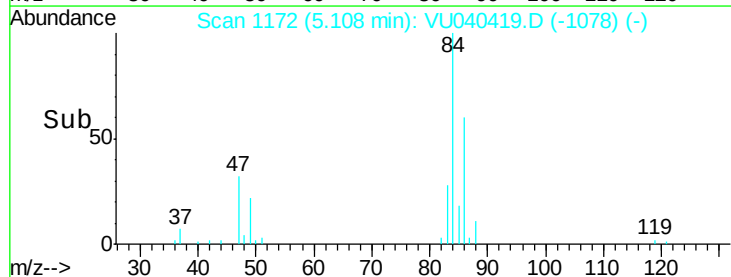
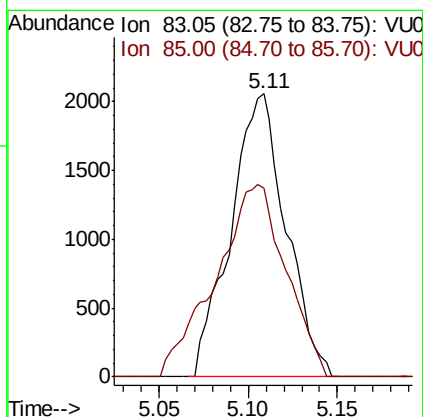
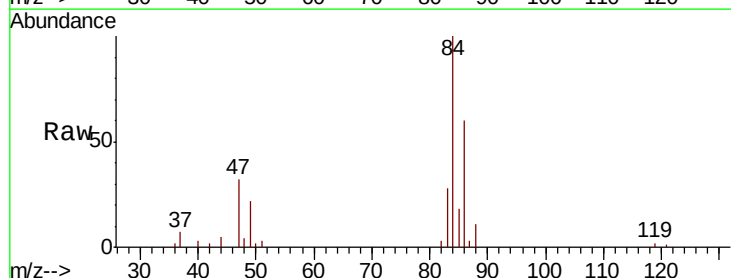
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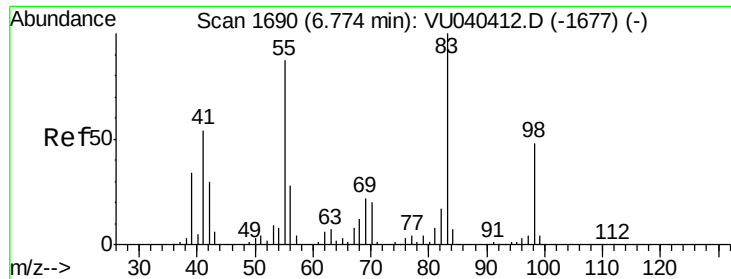
Tot Ion: 84 Resp: 1862
Ion Ratio Lower Upper
84 100
86 47.4 44.4 82.5
49 116.9 92.2 171.2



#25
Chloroform
Concen: 0.219 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040419.D
Acq: 01 Oct 2020 13:03

Tgt Ion: 83 Resp: 4446
Ion Ratio Lower Upper
83 100
85 66.5 44.6 82.8

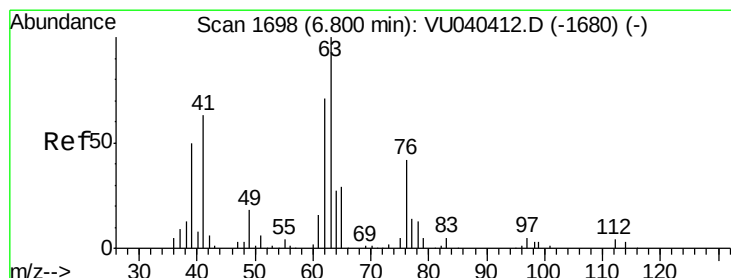
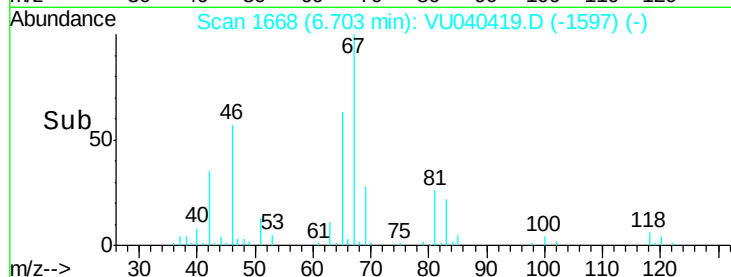
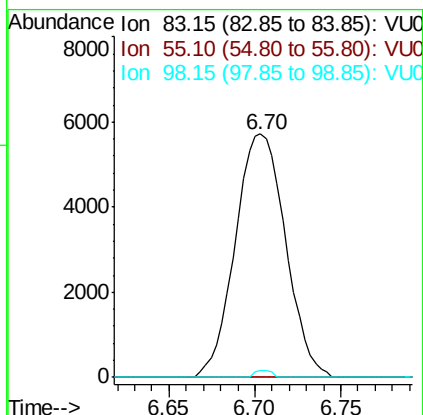
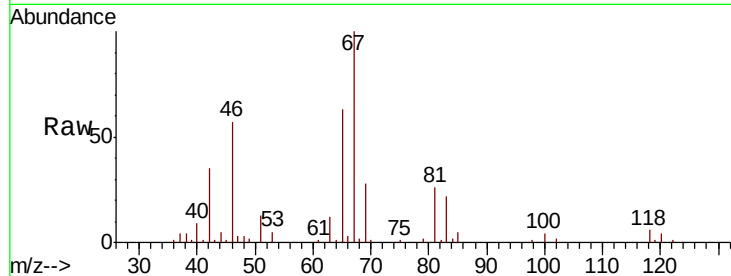




#35
Methylvlcyclohexane
Concen: 0.693 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040419.D
Acq: 01 Oct 2020 13:03

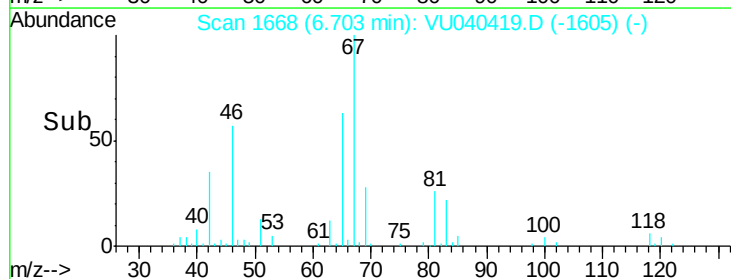
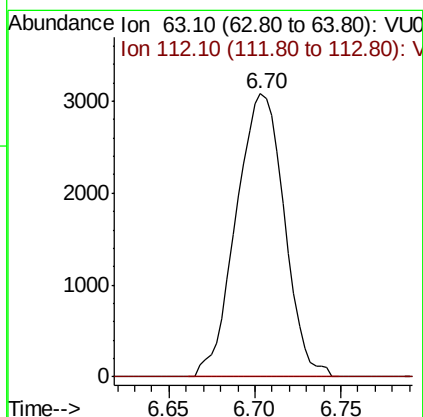
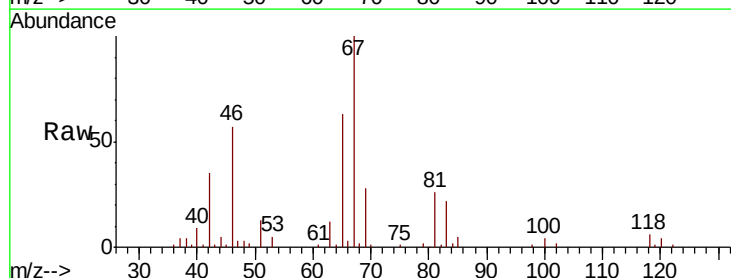
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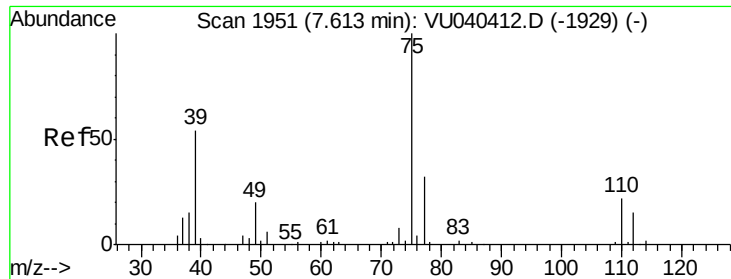
Tot Ion: 83 Resp: 11586
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.2#
98 0.9 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040419.D
Acq: 01 Oct 2020 13:03

Tgt Ion: 63 Resp: 5983
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

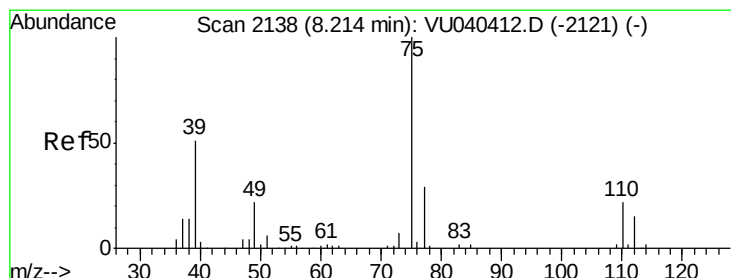
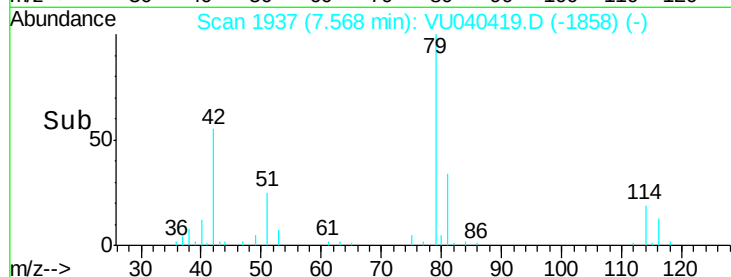
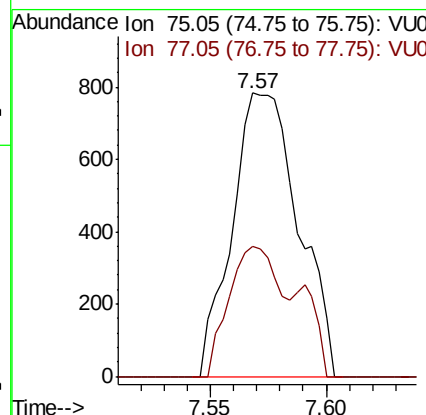
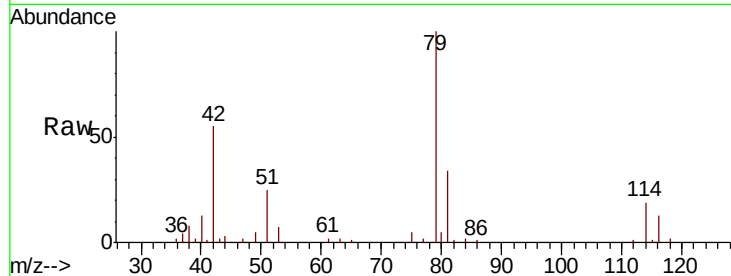




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.04 min
 Lab File: VU040419.D
 Acq: 01 Oct 2020 13:03

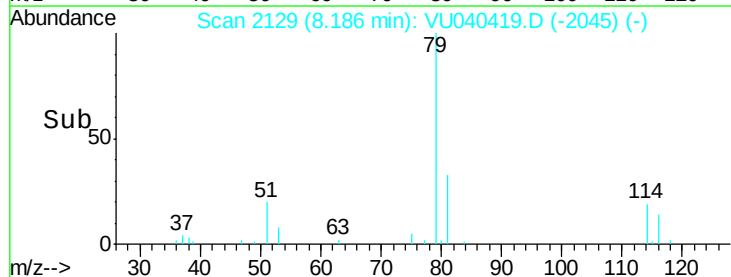
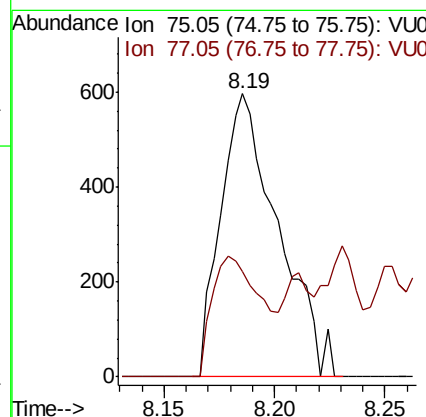
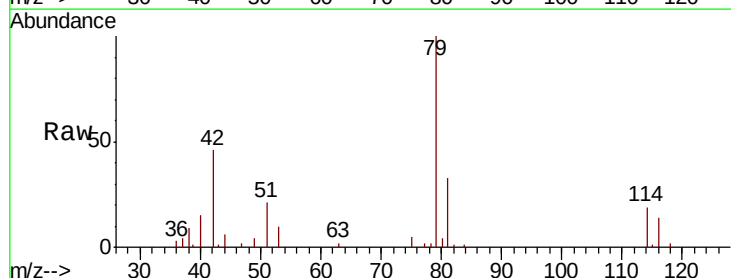
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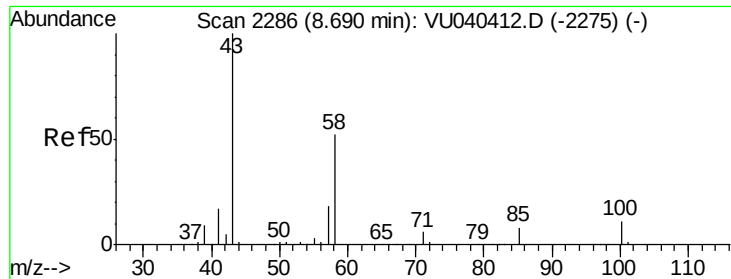
Tot Ion: 75 Resp: 1558
 Ion Ratio Lower Upper
 75 100
 77 45.7 23.5 43.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040419.D
 Acq: 01 Oct 2020 13:03

Tgt Ion: 75 Resp: 1072
 Ion Ratio Lower Upper
 75 100
 77 37.2 22.3 41.3

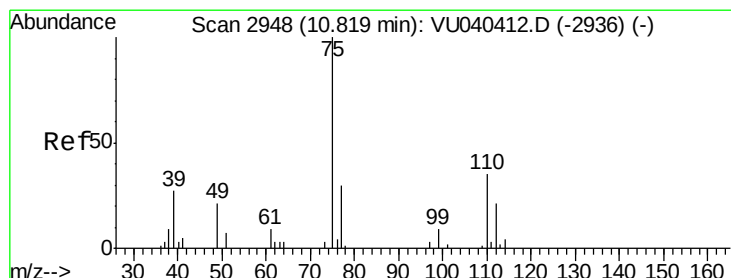
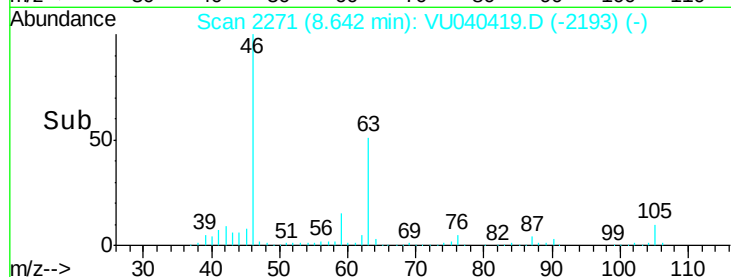
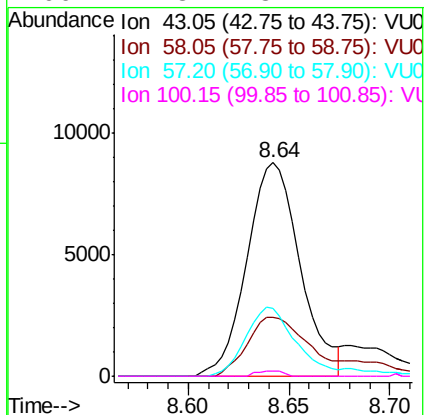
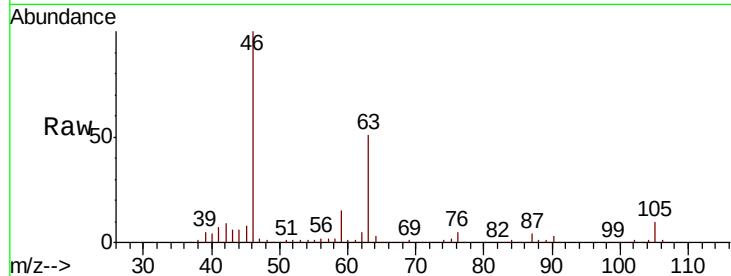




#48
2-Hexanone
Concen: 2.346 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040419.D
Acq: 01 Oct 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tot Ion: 43 Resp: 16192
Ion Ratio Lower Upper
43 100
58 31.9 41.0 61.4#
57 30.3 14.6 22.0#
100 1.3 8.2 12.4#



#59
1,2,3-Trichloropropane
Concen: 0.949 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU040419.D
Acq: 01 Oct 2020 13:03

Tgt Ion: 75 Resp: 8223
Ion Ratio Lower Upper
75 100
77 36.9 25.7 38.5

