

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037479.D
 Acq On : 30 Mar 2020 23:55
 Operator : JC/MD
 Sample : L2002-05RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 31 04:04:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 04:01:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	96056	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	90394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43340	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	29350	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.93	69	26764	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.59	63	44118	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.67	46	99848	51.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.32%
24) Chloroform-d	5.10	84	58730	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	5.74	65	34826	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.76	84	122684	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.72	67	40894	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.93	98	110824	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.20	79	17022	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.66	63	83568	51.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	33459	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	41147	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

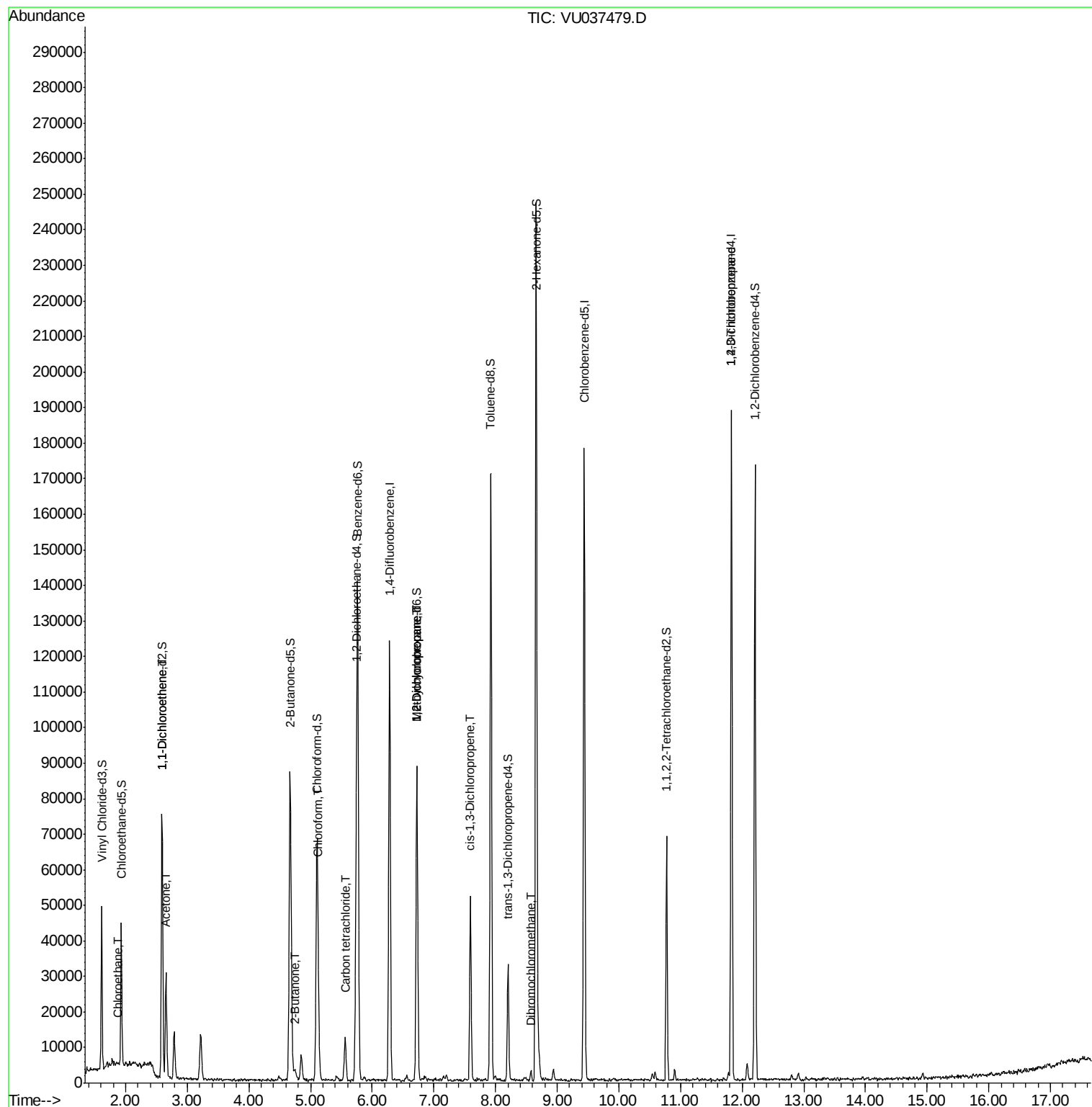
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.89	64	554	0.132	ug/L	88
12) 1,1-Dichloroethene	2.59	96	430	0.068	ug/L #	1
13) Acetone	2.66	43	32860	29.591	ug/L	97
21) 2-Butanone	4.75	43	2967	1.572	ug/L	90
25) Chloroform	5.13	83	12602	0.970	ug/L	90
31) Carbon tetrachloride	5.56	117	7915	0.807	ug/L	97
35) Methylcyclohexane	6.73	83	9548	0.791	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	4423	0.639	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	1199	0.106	ug/L #	22
49) Dibromochloromethane	8.58	129	579	0.091	ug/L #	11
59) 1,2,3-Trichloropropane	11.83	75	6460	1.342	ug/L	93

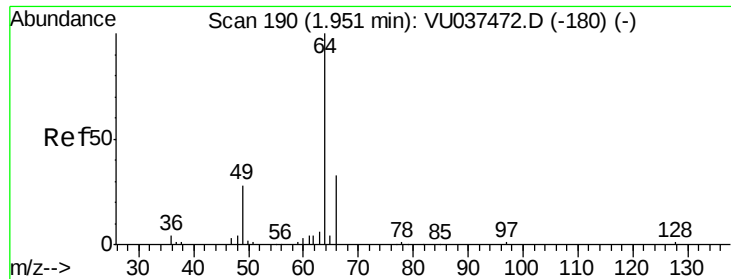
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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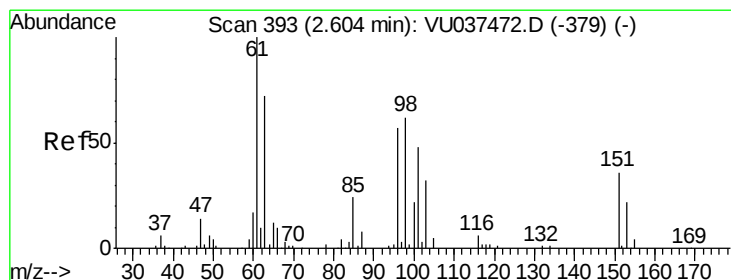
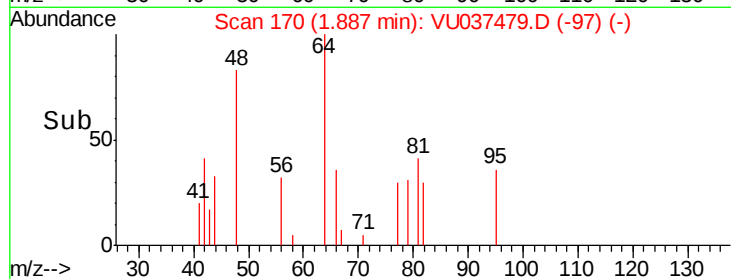
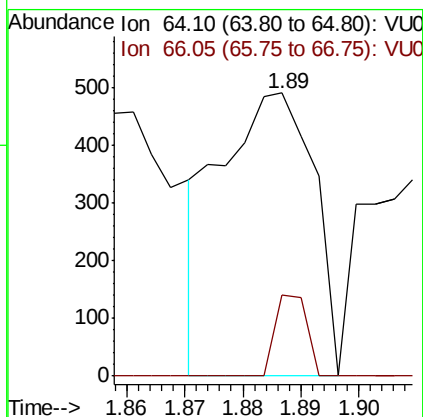
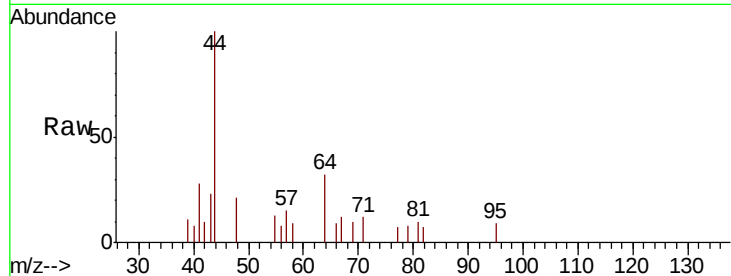




#8
 Chloroethane
 Concen: 0.132 ug/L
 RT: 1.89 min Scan# 170
 Delta R.T. -0.06 min
 Lab File: VU037479.D
 Acq: 30 Mar 2020 23:55

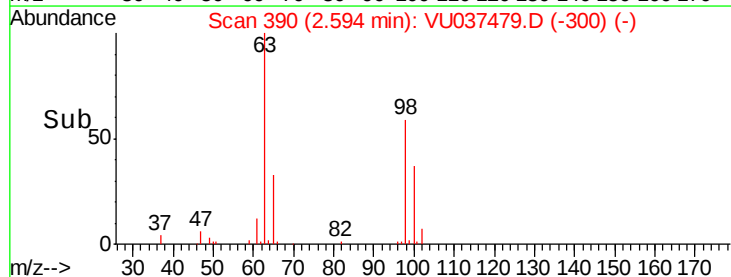
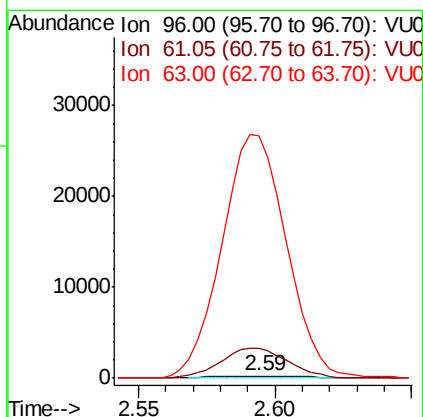
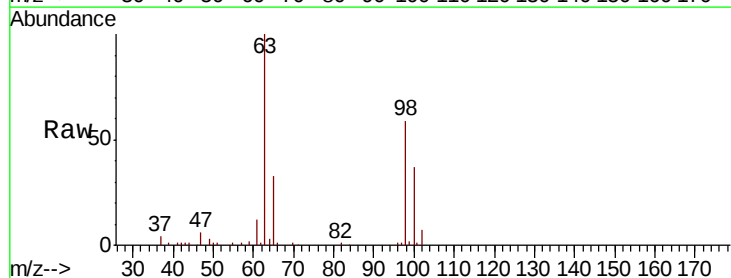
Instrument :
 MSVOA_U
 ClientSampled :

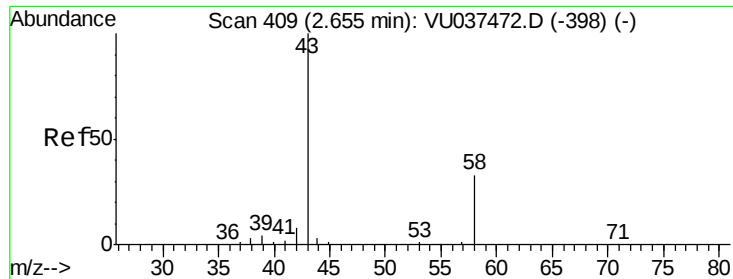
Tot Ion: 64 Resp: 554
 Ion Ratio Lower Upper
 64 100
 66 28.5 24.8 46.0



#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. -0.01 min
 Lab File: VU037479.D
 Acq: 30 Mar 2020 23:55

Tgt Ion: 96 Resp: 430
 Ion Ratio Lower Upper
 96 100
 61 1583.3 125.4 232.8#
 63 12754.1 90.9 168.7#

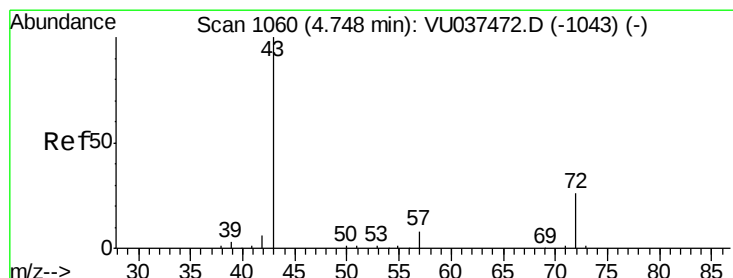
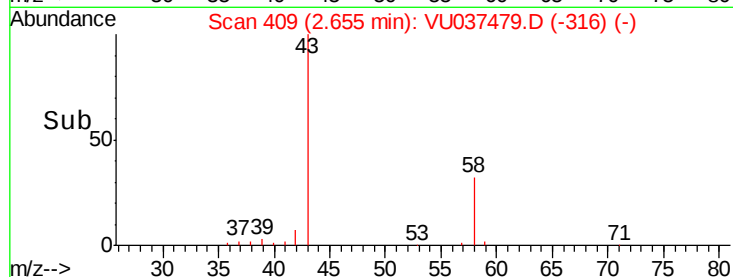
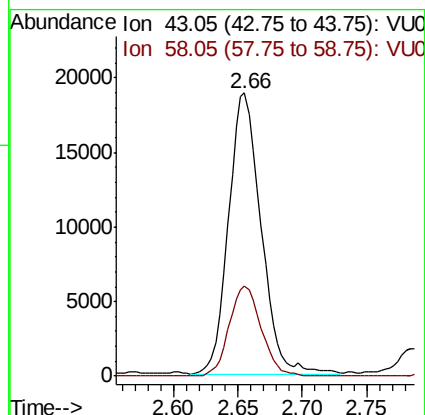
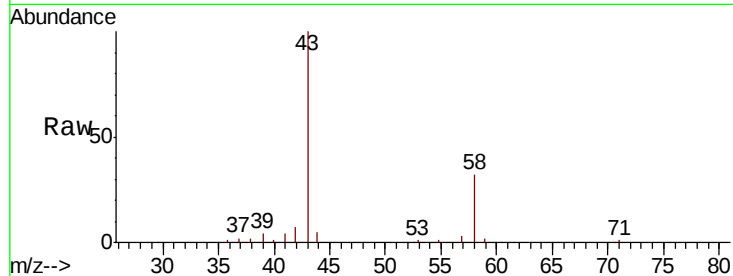




#13
Acetone
Concen: 29.591 ug/L
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU037479.D
Acq: 30 Mar 2020 23:55

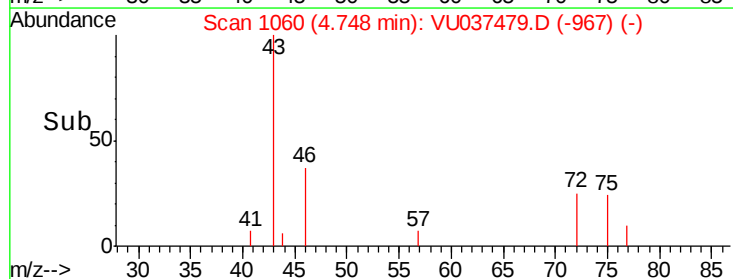
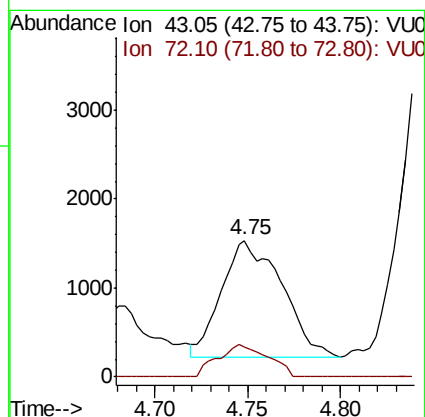
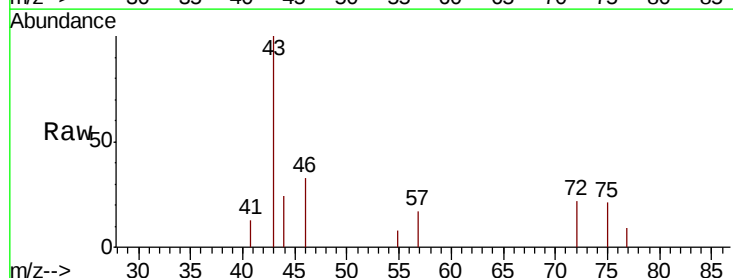
Instrument :
MSVOA_U
ClientSampled :

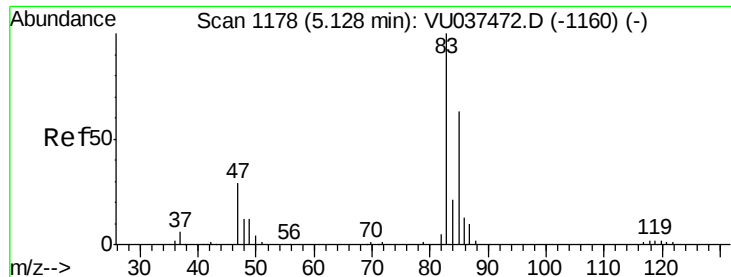
Tot Ion: 43 Resp: 32860
Ion Ratio Lower Upper
43 100
58 31.5 0.0 66.0



#21
2-Butanone
Concen: 1.572 ug/L
RT: 4.75 min Scan# 1060
Delta R.T. 0.00 min
Lab File: VU037479.D
Acq: 30 Mar 2020 23:55

Tgt Ion: 43 Resp: 2967
Ion Ratio Lower Upper
43 100
72 23.1 14.2 42.6

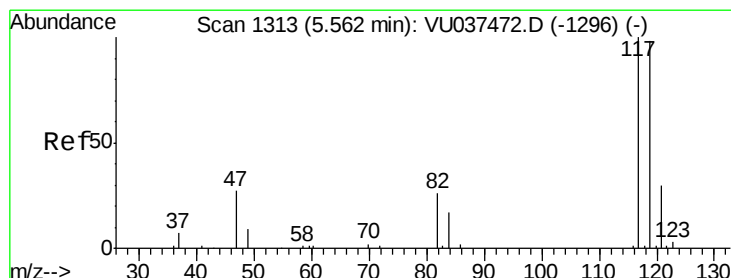
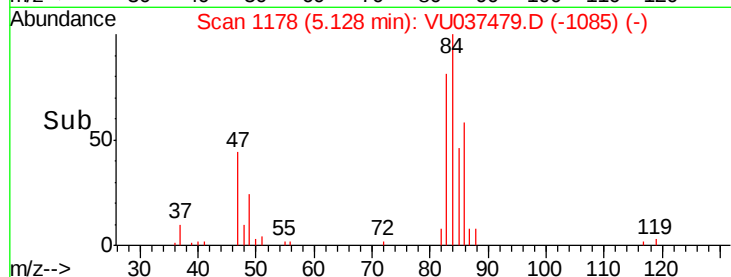
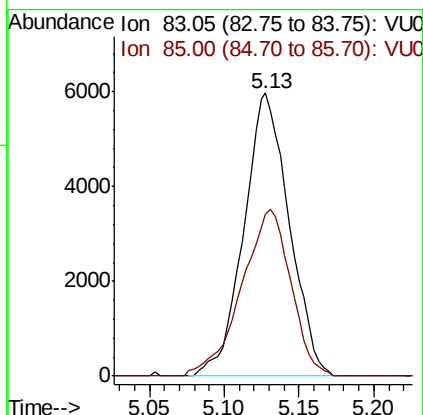
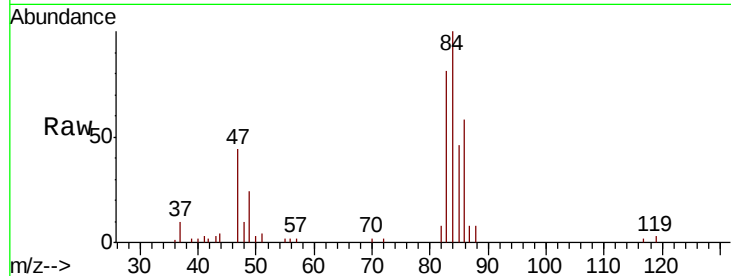




#25
Chloroform
Concen: 0.970 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU037479.D
Acq: 30 Mar 2020 23:55

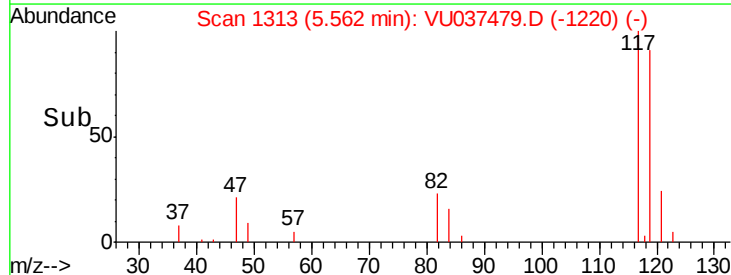
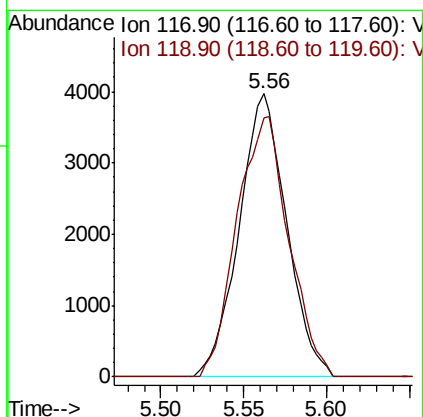
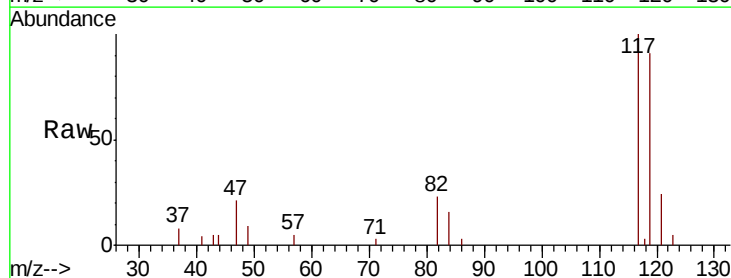
Instrument :
MSVOA_U
ClientSampleId :

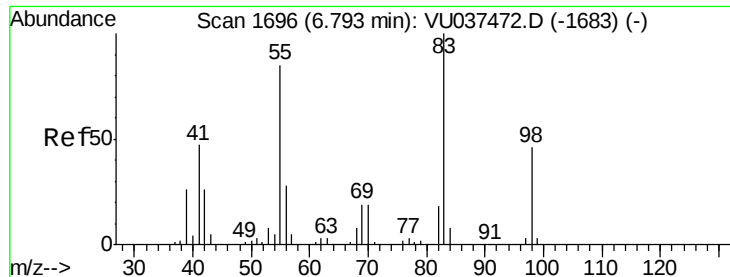
Tot Ion: 83 Resp: 12602
Ion Ratio Lower Upper
83 100
85 57.0 45.4 84.4



#31
Carbon tetrachloride
Concen: 0.807 ug/L
RT: 5.56 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU037479.D
Acq: 30 Mar 2020 23:55

Tgt Ion: 117 Resp: 7915
Ion Ratio Lower Upper
117 100
119 100.5 77.7 116.5

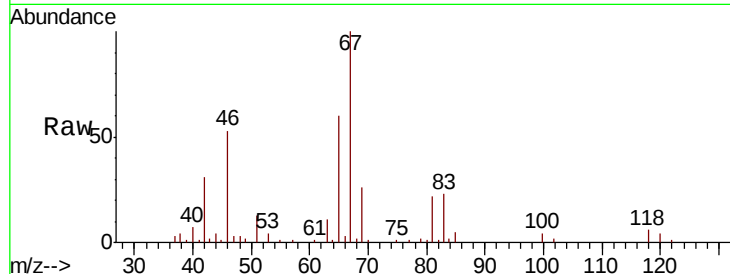




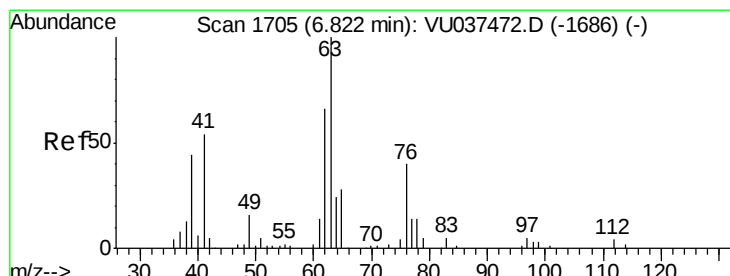
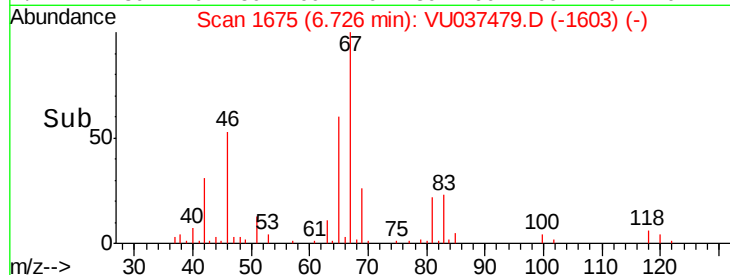
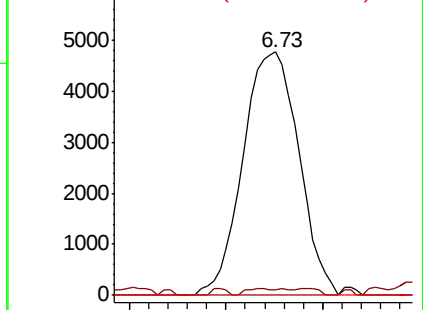
#35
Methvlcvclohexane
Concen: 0.791 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU037479.D
Acq: 30 Mar 2020 23:55

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 9548
Ion Ratio Lower Upper
83 100
55 1.2 64.2 96.4#
98 0.0 36.3 54.5#

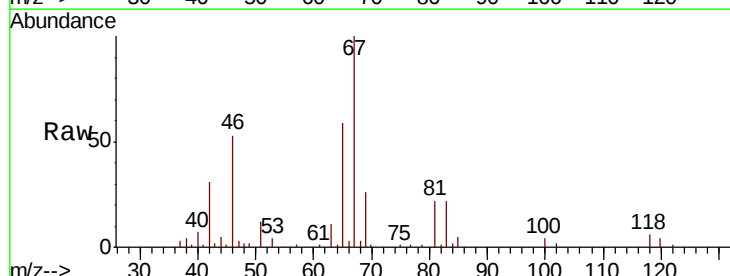


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

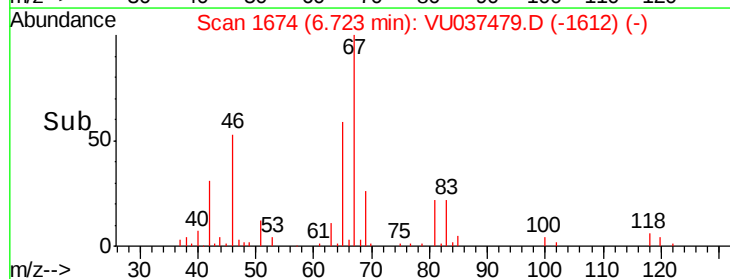
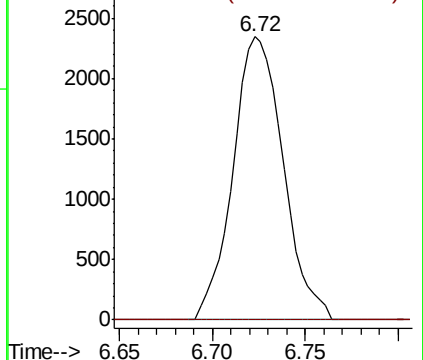


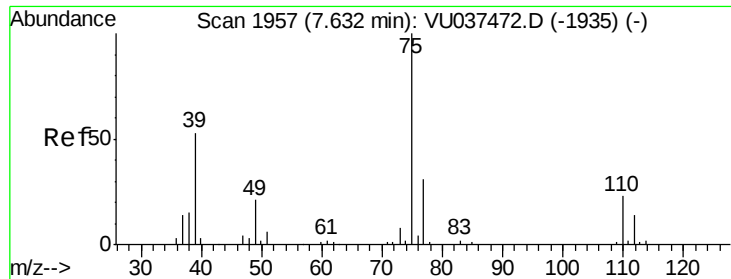
#37
1,2-Dichloropropane
Concen: 0.639 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037479.D
Acq: 30 Mar 2020 23:55

Tgt Ion: 63 Resp: 4423
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

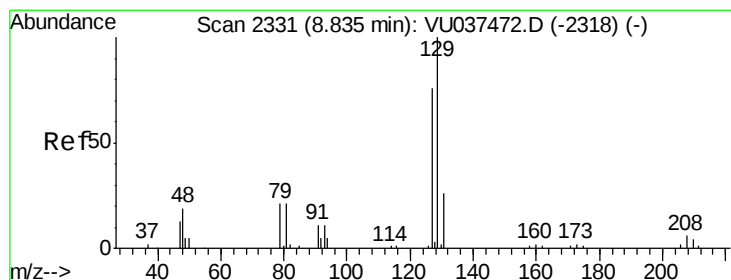
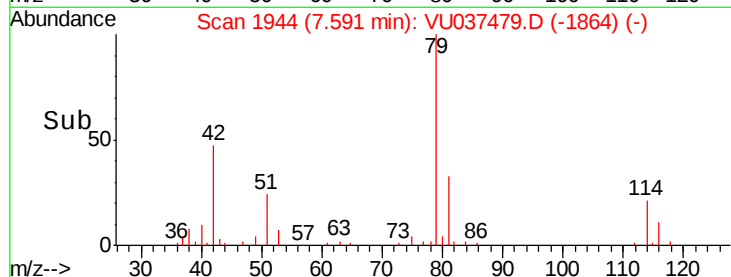
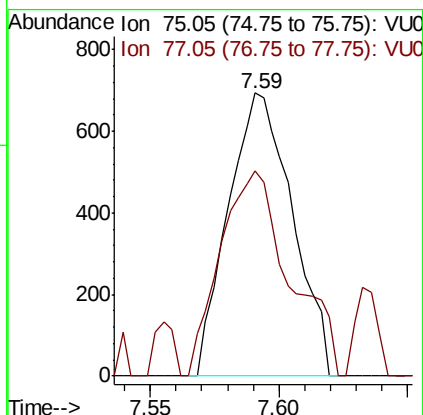
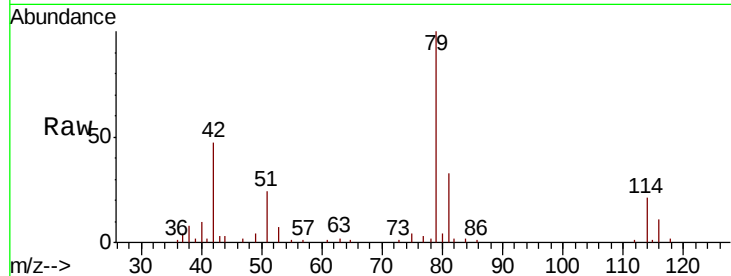




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU037479.D
 Acq: 30 Mar 2020 23:55

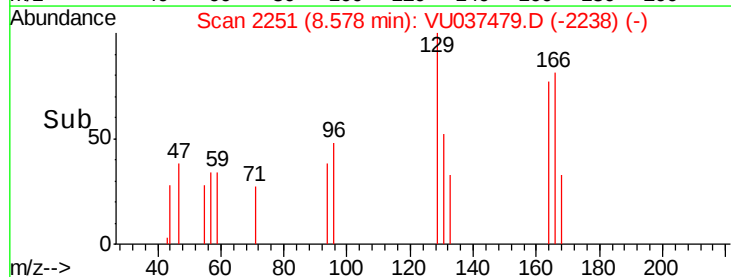
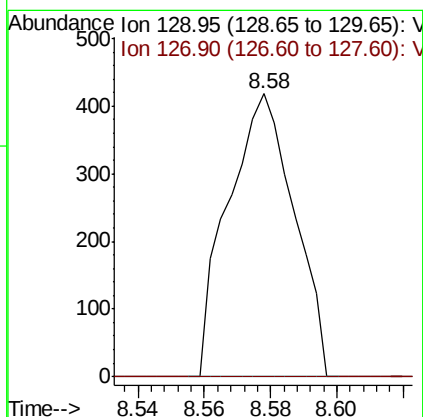
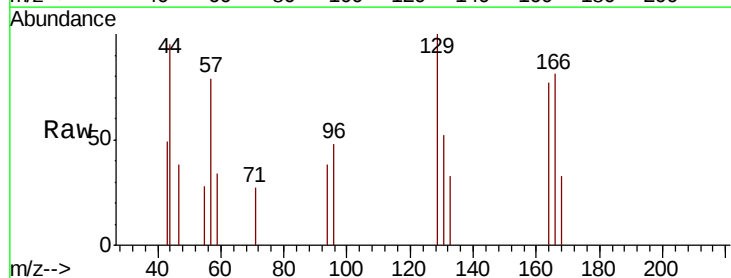
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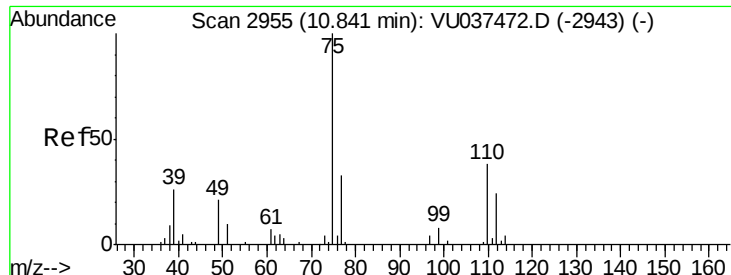
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 Ion Ratio Lower Upper
 75 100
 77 72.7 21.1 39.3#



#49
 Dibromochloromethane
 Concen: 0.091 ug/L
 RT: 8.58 min Scan# 2251
 Delta R.T. -0.26 min
 Lab File: VU037479.D
 Acq: 30 Mar 2020 23:55

Tgt Ion: 129 Resp: 579
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.5 99.3#





#59

1,2,3-Trichloropropane

Concen: 1.342 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.99 min

Lab File: VU037479.D

Acq: 30 Mar 2020 23:55

Instrument :

MSVOA_U

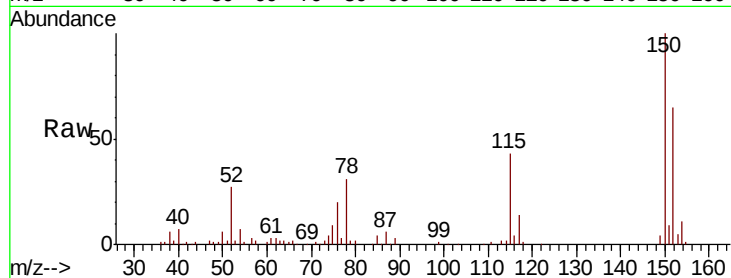
ClientSampleId :

Tot Ion: 75 Resp: 6460

Ion Ratio Lower Upper

75 100

77 38.6 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

