

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050820\
 Data File : VU038095.D
 Acq On : 08 May 2020 19:46
 Operator : JC/MD
 Sample : L2528-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 09 00:14:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:11:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	332096	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	335361	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	152586	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	135584	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	119429	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.59	63	165747	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.66	46	345373	46.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.16%
24) Chloroform-d	5.10	84	191084	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.74	65	124527	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.76	84	462677	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	149558	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.92	98	407390	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	53854	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.65	63	283966	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115304	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	147140	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

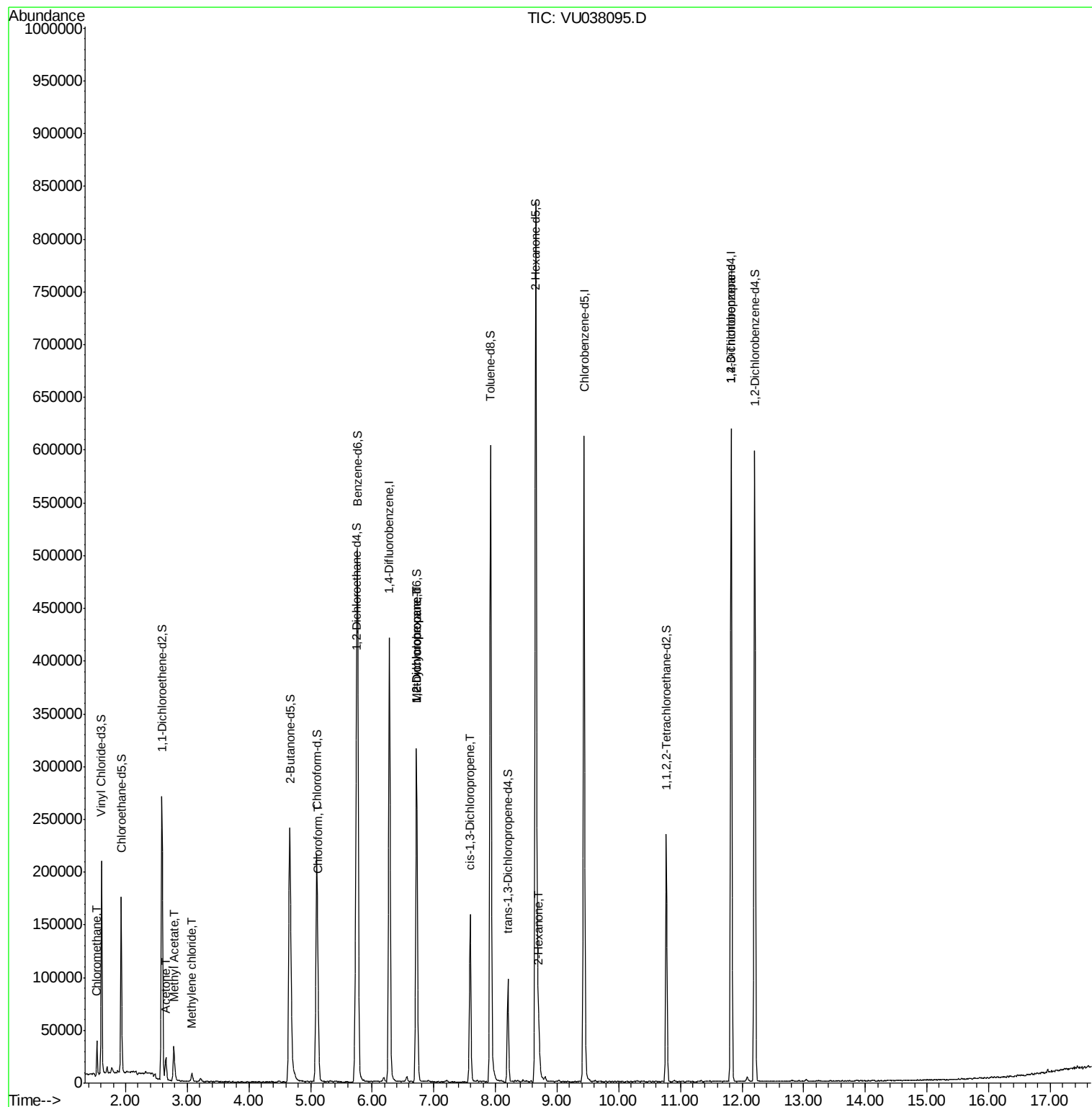
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.54	50	20651	0.564	ug/L	99
13) Acetone	2.65	43	24337	5.176	ug/L	98
15) Methyl Acetate	2.78	43	8095	0.615	ug/L #	53
16) Methylene chloride	3.07	84	3705	0.138	ug/L	94
25) Chloroform	5.12	83	26612	0.581	ug/L	100
35) Methylcyclohexane	6.72	83	33722	0.775	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16571	0.568	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3336	0.080	ug/L #	40
48) 2-Hexanone	8.71	43	29092	1.965	ug/L #	88
59) 1,2,3-Trichloropropane	11.83	75	20501	1.047	ug/L	90

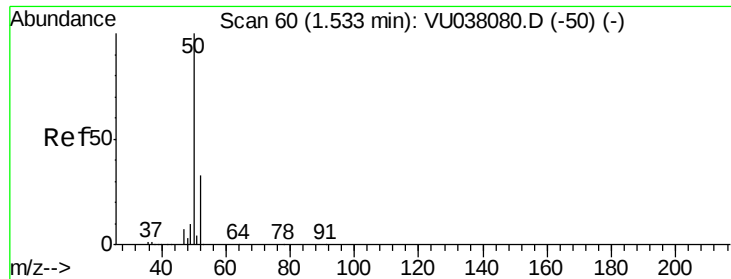
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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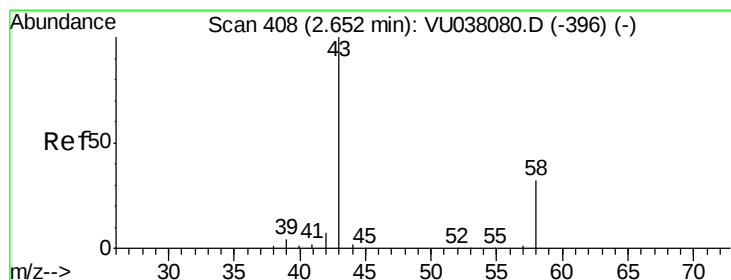
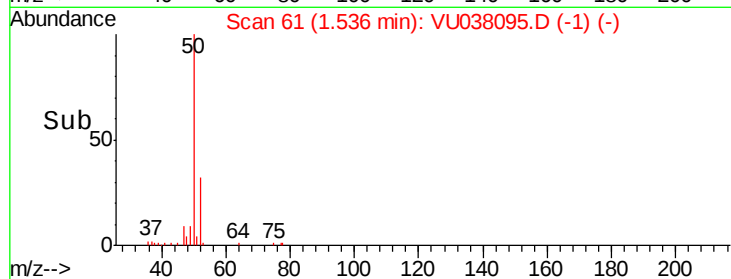
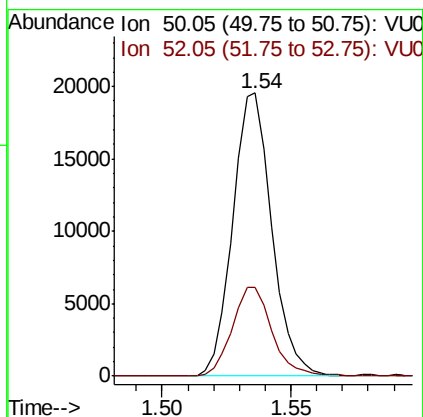
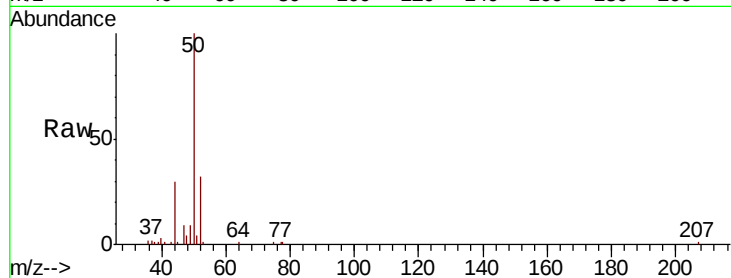




#3
Chloromethane
Concen: 0.564 ug/L
RT: 1.54 min Scan# 61
Delta R.T. 0.00 min
Lab File: VU038095.D
Acq: 08 May 2020 19:46

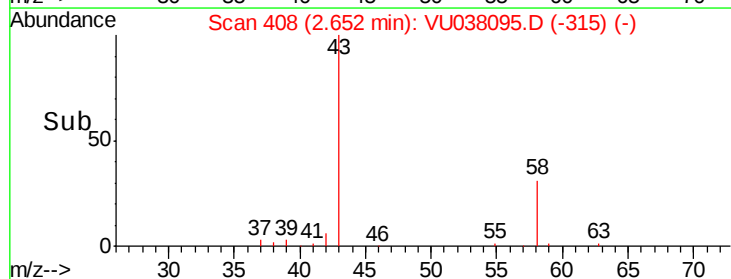
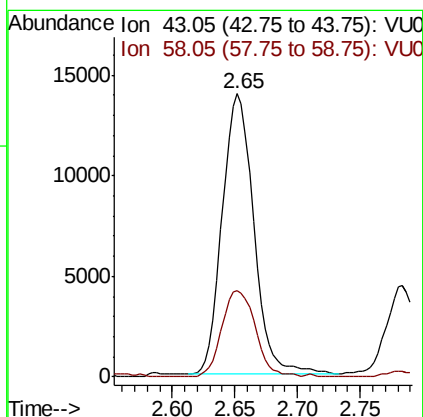
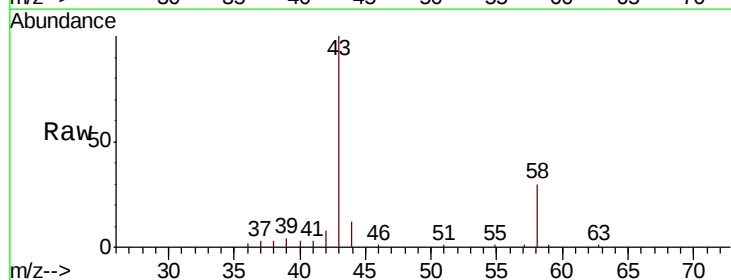
Instrument :
MSVOA_U
ClientSampleId :

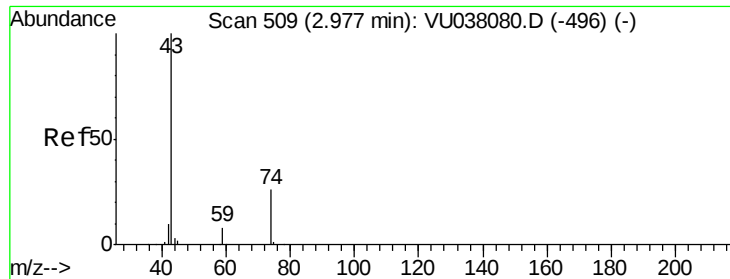
Tot Ion: 50 Resp: 20651
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.7



#13
Acetone
Concen: 5.176 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU038095.D
Acq: 08 May 2020 19:46

Tgt Ion: 43 Resp: 24337
Ion Ratio Lower Upper
43 100
58 32.8 0.0 63.6

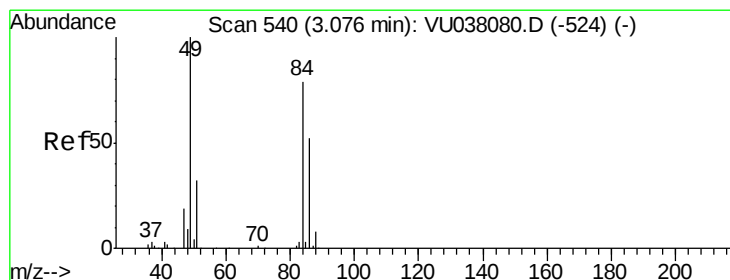
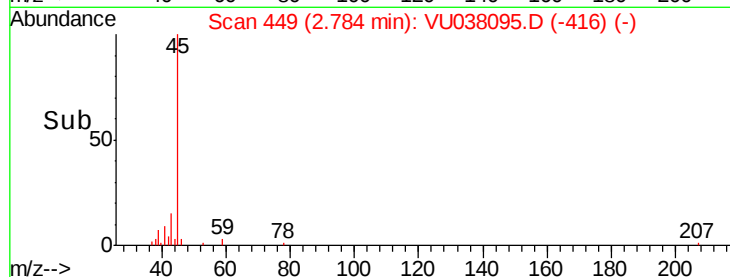
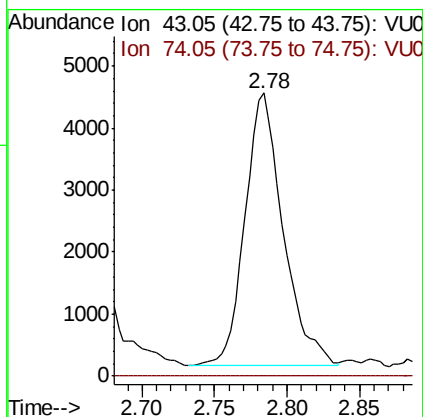
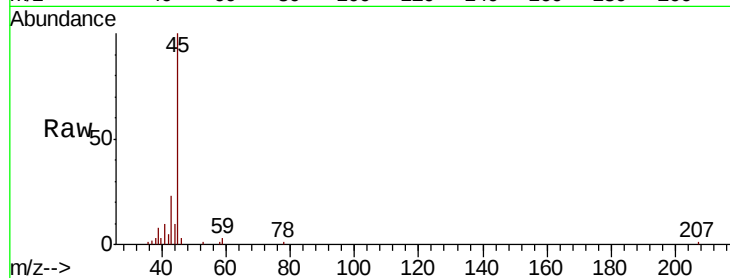




#15
Methyl Acetate
Concen: 0.615 ug/L
RT: 2.78 min Scan# 449
Delta R.T. -0.19 min
Lab File: VU038095.D
Acq: 08 May 2020 19:46

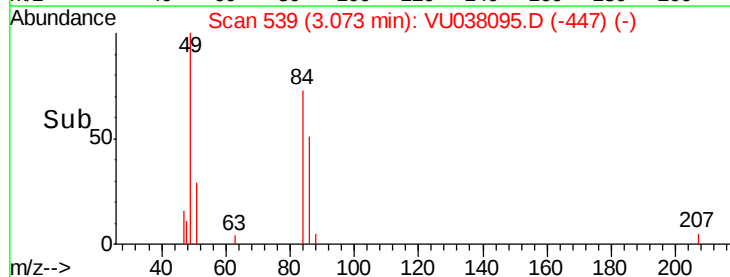
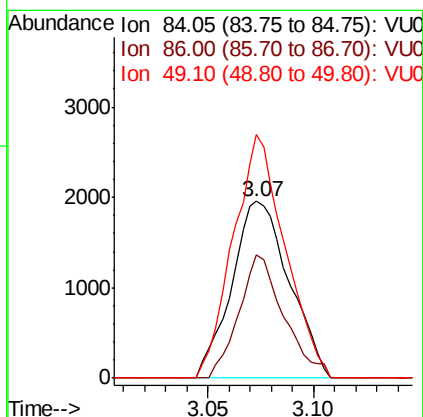
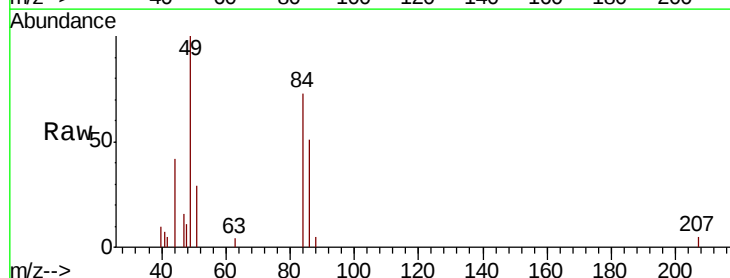
Instrument :
MSVOA_U
ClientSampled :

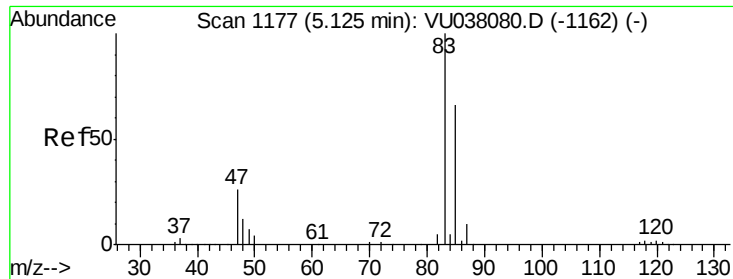
Tot Ion: 43 Resp: 8095
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#16
Methylene chloride
Concen: 0.138 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038095.D
Acq: 08 May 2020 19:46

Tgt Ion: 84 Resp: 3705
Ion Ratio Lower Upper
84 100
86 69.9 44.9 83.3
49 137.9 92.0 170.9

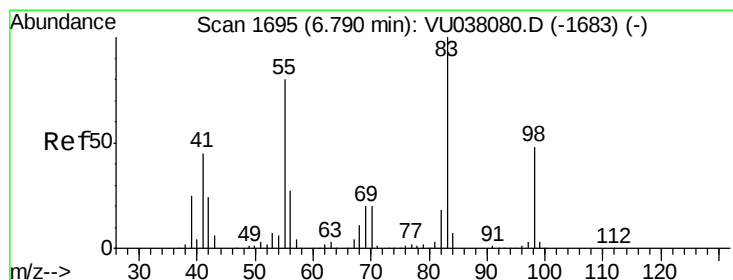
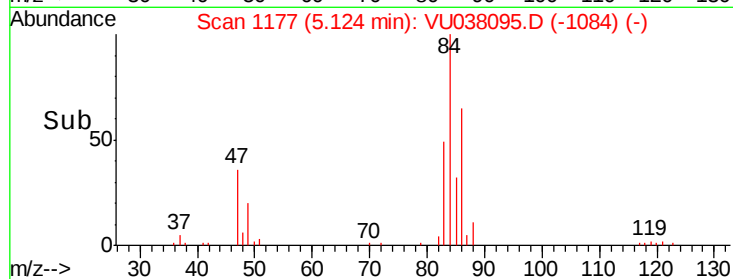
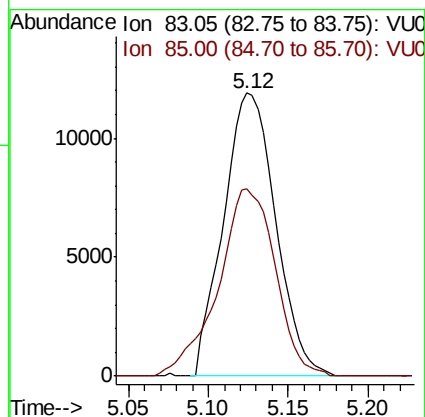
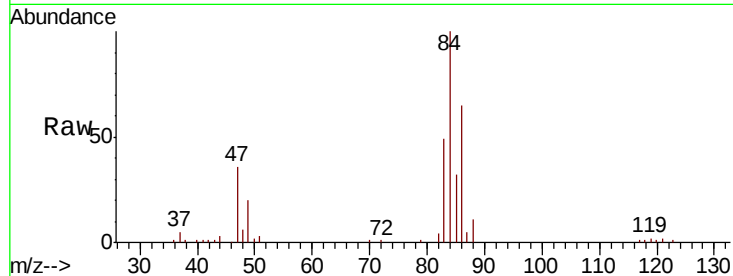




#25
Chloroform
Concen: 0.581 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038095.D
Acq: 08 May 2020 19:46

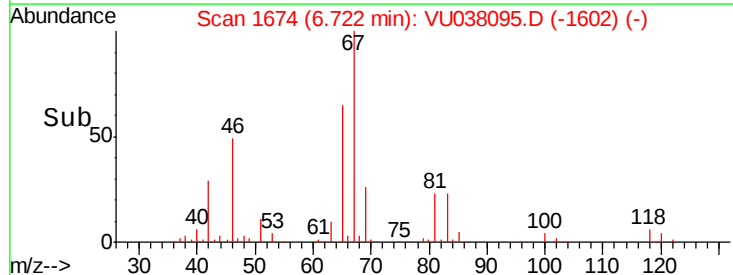
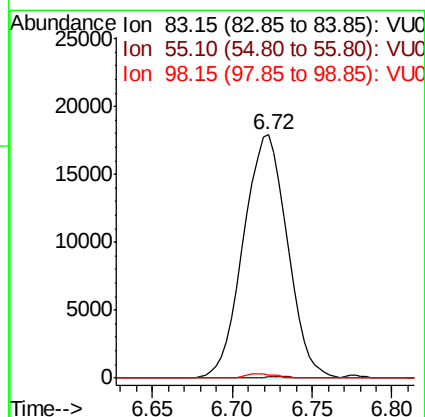
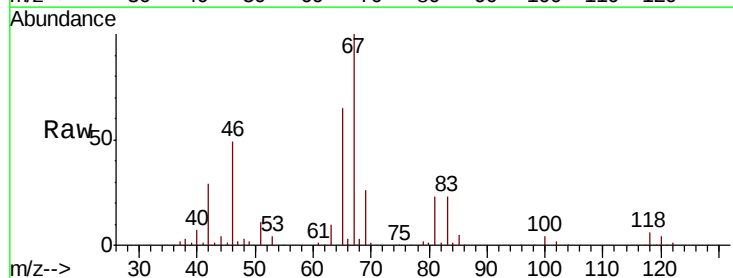
Instrument :
MSVOA_U
ClientSampled :

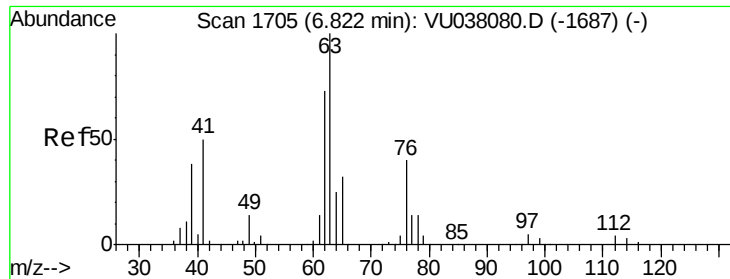
Tot Ion: 83 Resp: 26612
Ion Ratio Lower Upper
83 100
85 66.2 46.2 85.8



#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038095.D
Acq: 08 May 2020 19:46

Tgt Ion: 83 Resp: 33722
Ion Ratio Lower Upper
83 100
55 0.3 66.7 100.1#
98 1.1 39.4 59.2#

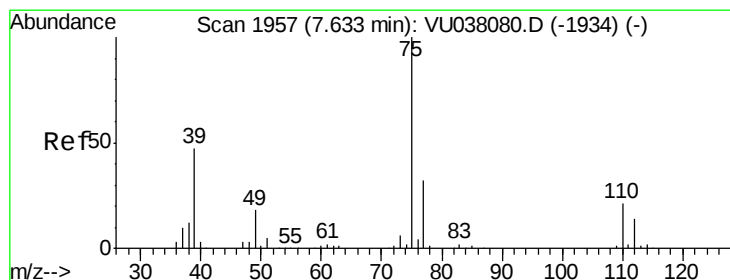
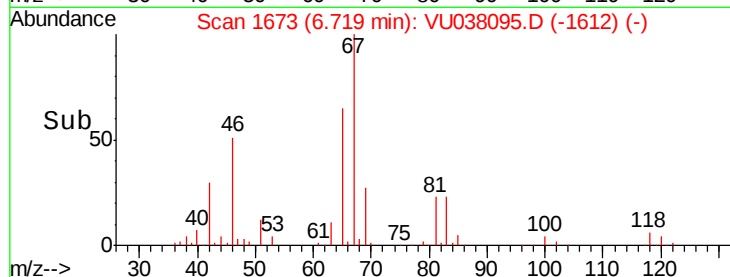
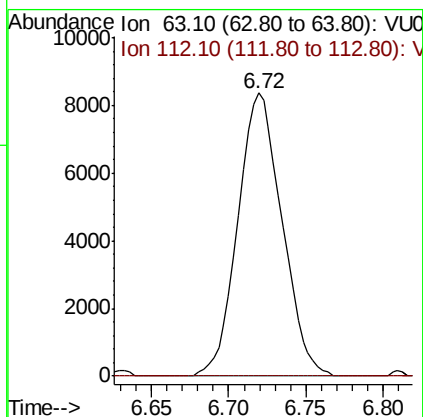
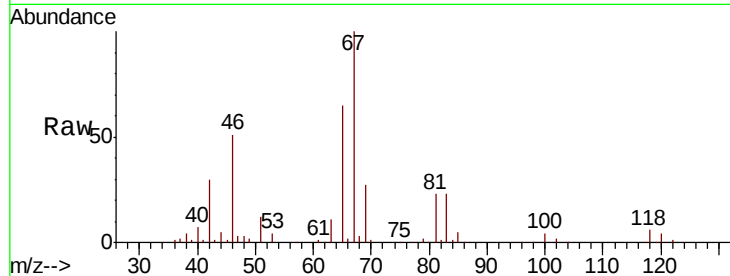




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038095.D
 Acq: 08 May 2020 19:46

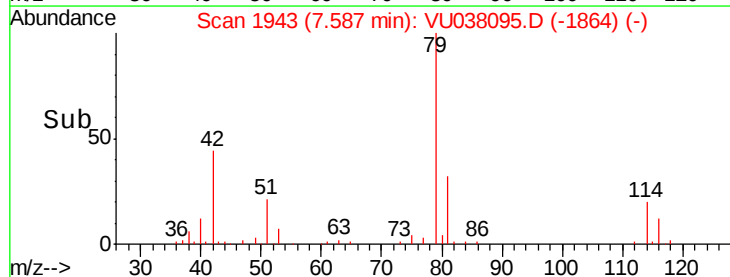
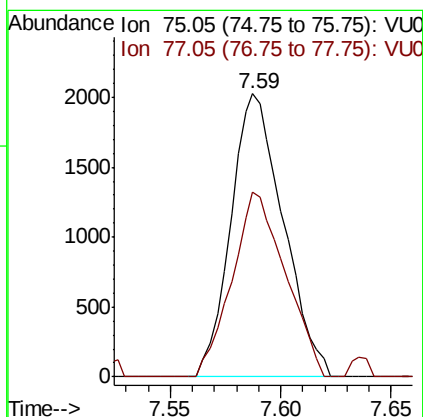
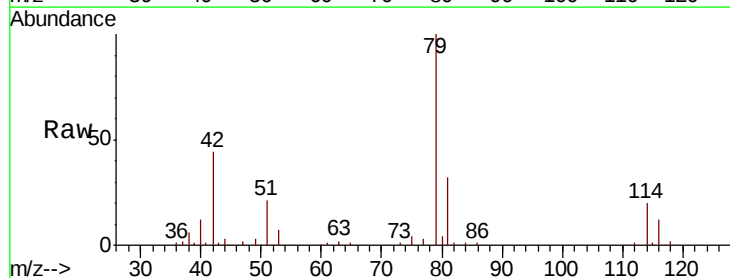
Instrument :
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 ClientSampleId :

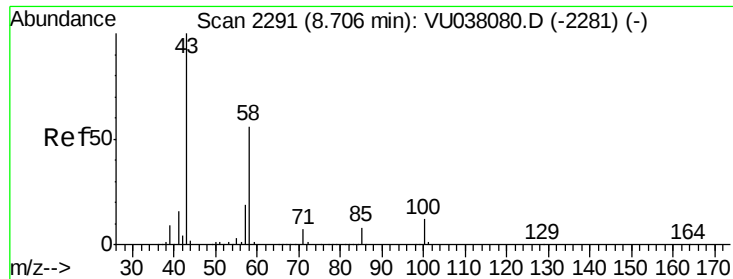
Tot Ion: 63 Resp: 16571
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038095.D
 Acq: 08 May 2020 19:46

Tgt Ion: 75 Resp: 3336
 Ion Ratio Lower Upper
 75 100
 77 65.3 22.4 41.6#

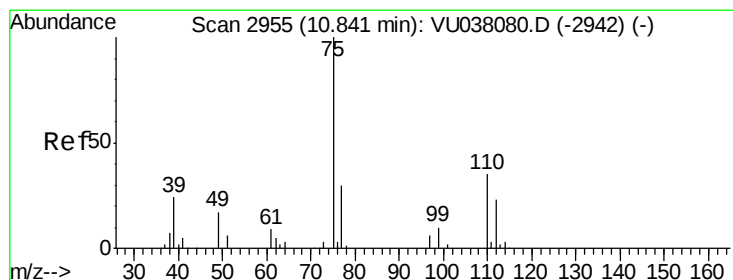
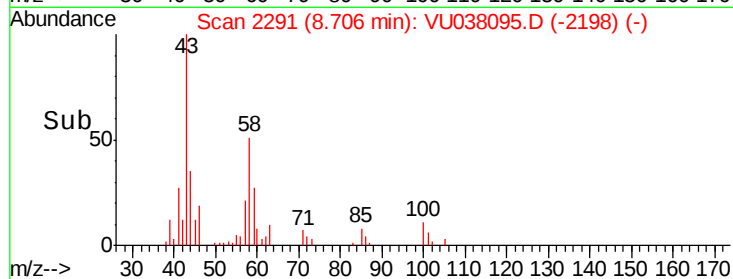
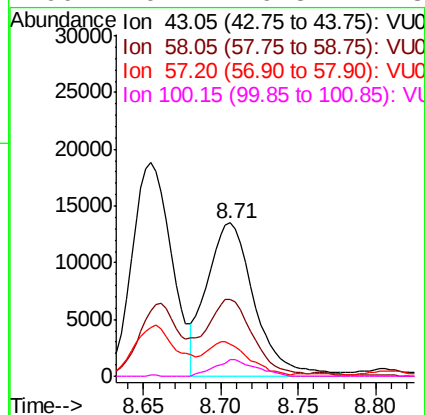
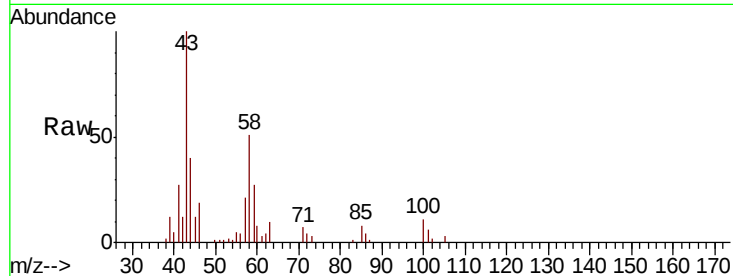




#48
 2-Hexanone
 Concen: 1.965 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038095.D
 Acq: 08 May 2020 19:46

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	43	Resp:	29092
Ion	Ratio	Lower	Upper
43	100		
58	44.2	45.2	67.8#
57	19.1	15.5	23.3
100	9.1	9.5	14.3#



#59
 1,2,3-Trichloropropane
 Concen: 1.047 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038095.D
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Tgt Ion:	75	Resp:	20501
Ion	Ratio	Lower	Upper
75	100		
77	37.2	25.4	38.0

