

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038331.D
 Acq On : 27 May 2020 19:15
 Operator : JC/MD
 Sample : L2749-09 50X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:20:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	295439	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	284004	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137422	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	84610	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.93	69	81736	3.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.00%
11) 1,1-Dichloroethene-d2	2.59	63	133173	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.66	46	351390	52.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.40%
24) Chloroform-d	5.10	84	202118	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	120254	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.76	84	415922	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.72	67	134366	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.92	98	357665	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.20	79	50909	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.65	63	278528	53.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111574	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	145095	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

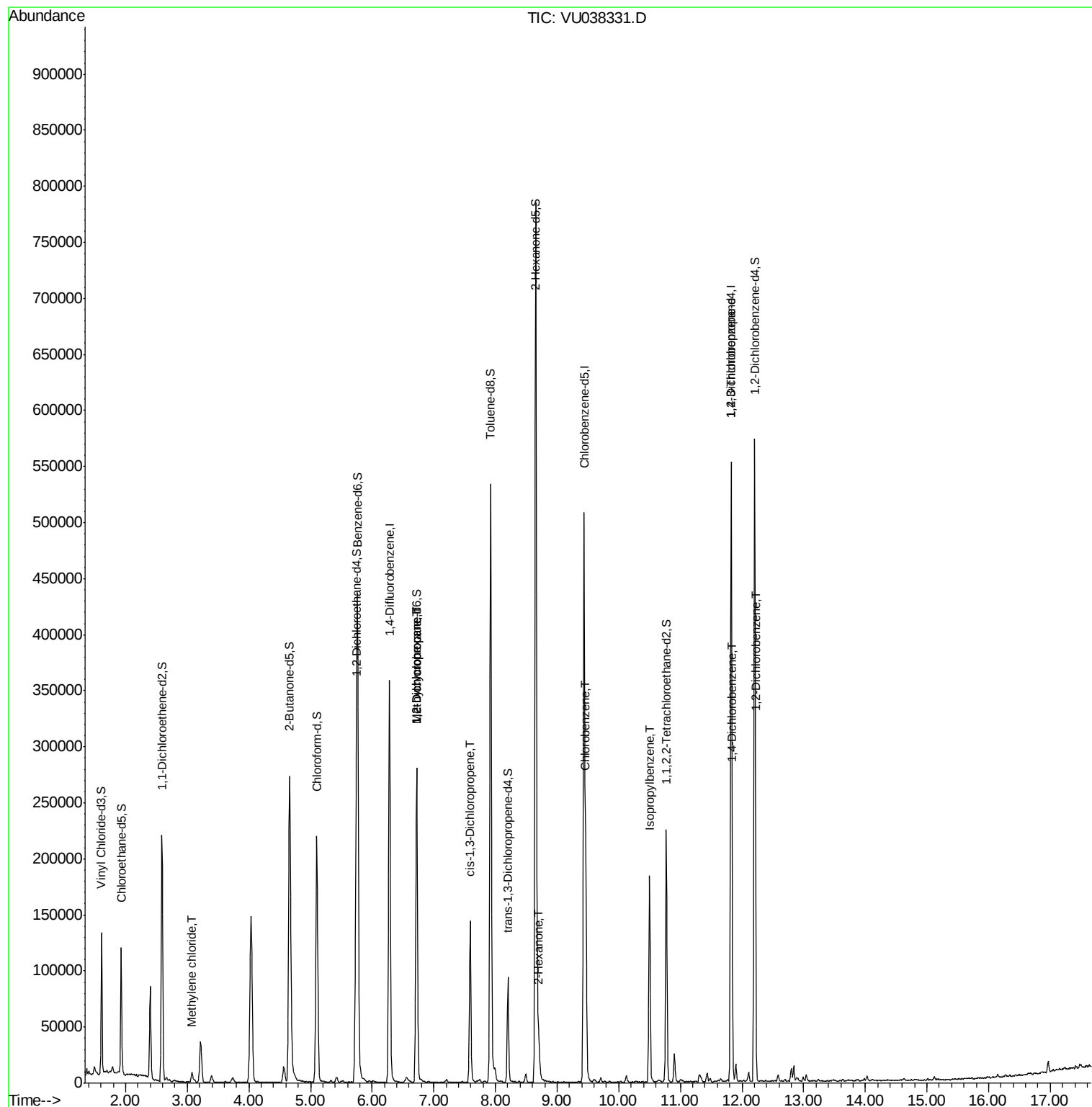
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	3498	0.146	ug/L	98
35) Methylcyclohexane	6.72	83	31924	0.866	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14971	0.606	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3538	0.100	ug/L #	71
48) 2-Hexanone	8.71	43	18912	1.508	ug/L #	94
51) Chlorobenzene	9.47	112	97529	1.637	ug/L	99
56) Isopropylbenzene	10.50	105	120839	1.220	ug/L	99
59) 1,2,3-Trichloropropane	11.82	75	20146	1.215	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	5677	0.125	ug/L	95
65) 1,2-Dichlorobenzene	12.23	146	3729	0.087	ug/L #	85

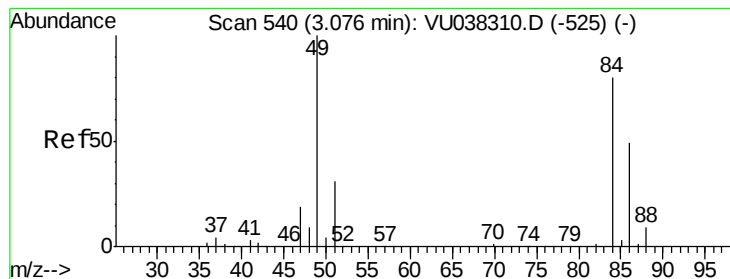
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 28 04:16:01 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.146 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

Instrument :

MSVOA_U

ClientSampleId :

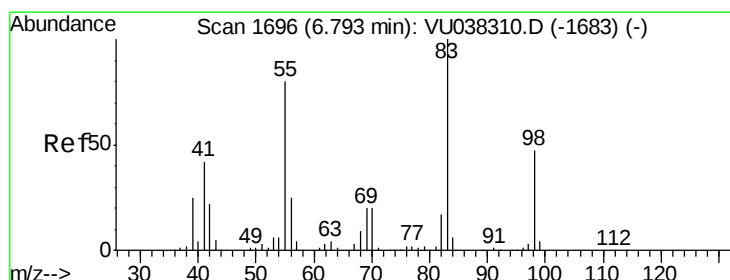
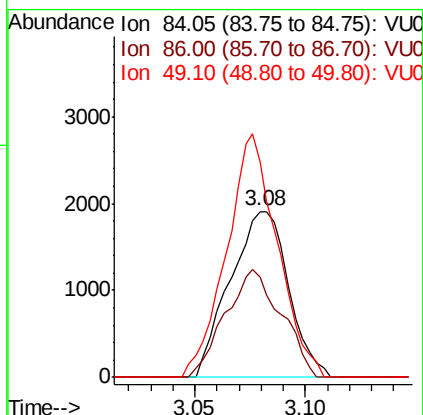
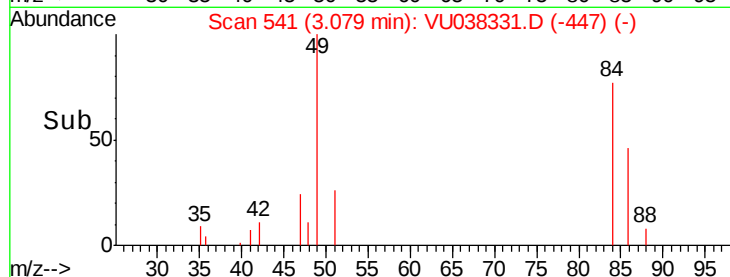
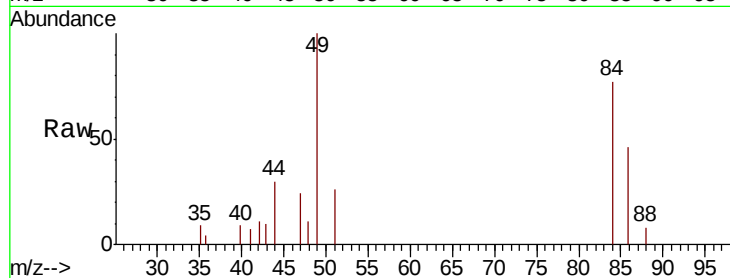
Tot Ion: 84 Resp: 3498

Ion Ratio Lower Upper

84 100

86 60.2 44.9 83.3

49 130.3 92.0 170.9



#35

Methylcyclohexane

Concen: 0.866 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.07 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

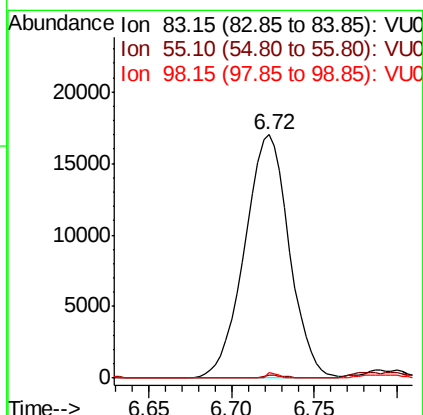
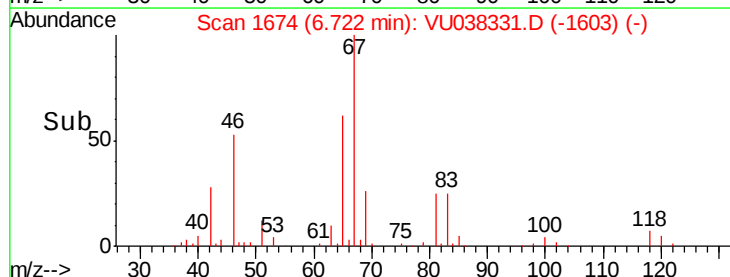
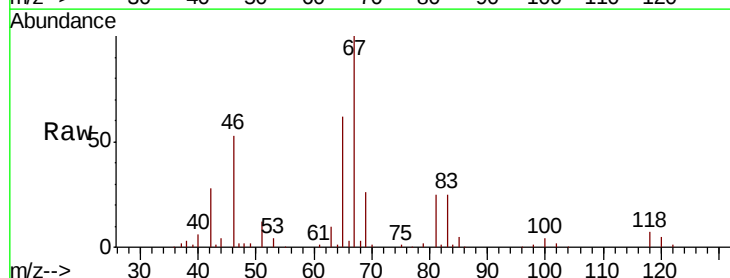
Tgt Ion: 83 Resp: 31924

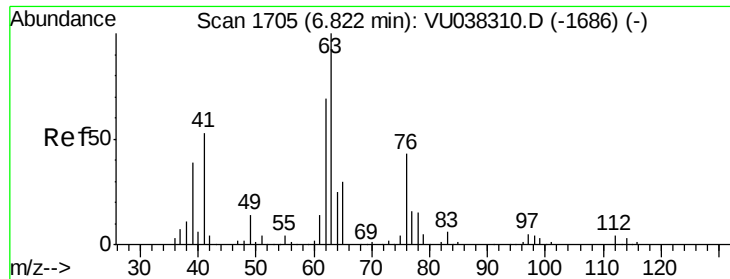
Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

98 0.6 39.4 59.2#

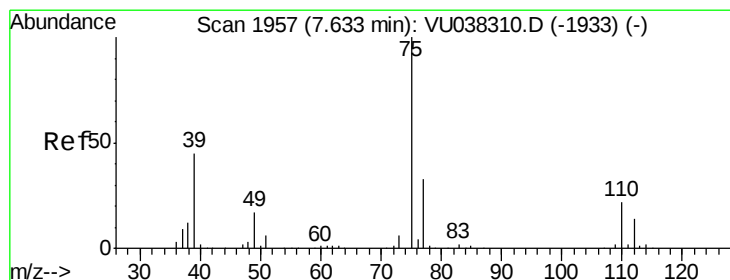
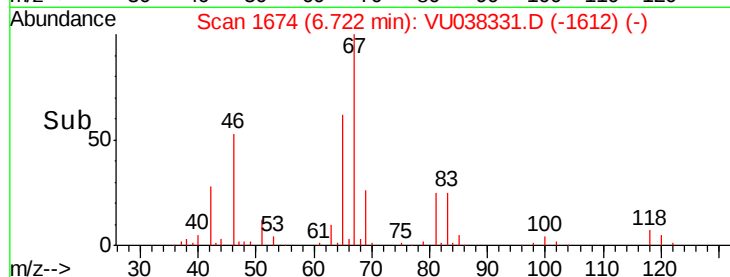
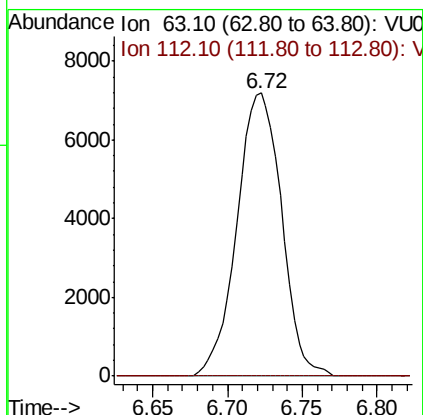
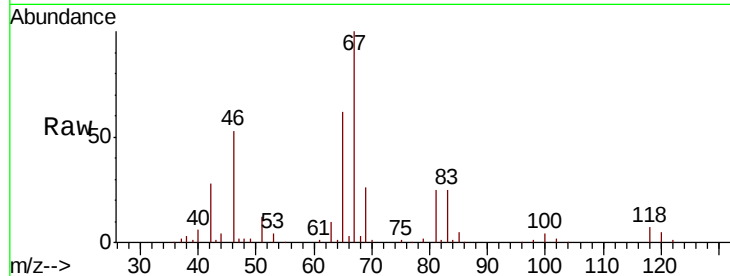




#37
 1,2-Dichloropropane
 Concen: 0.606 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038331.D
 Acq: 27 May 2020 19:15

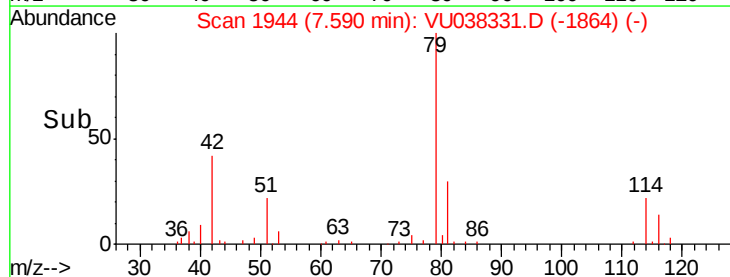
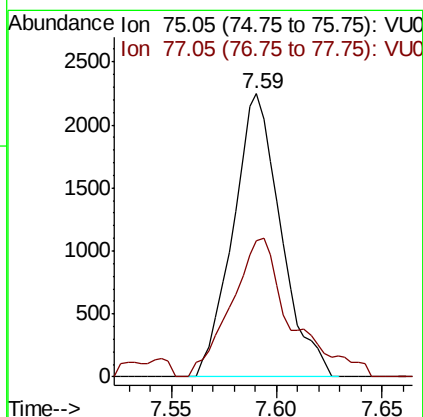
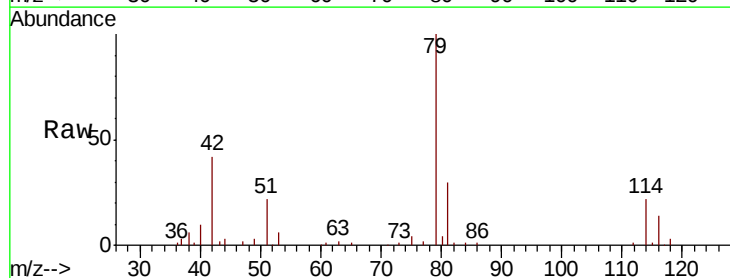
Instrument :
 MSVOA_U
 ClientSampleId :

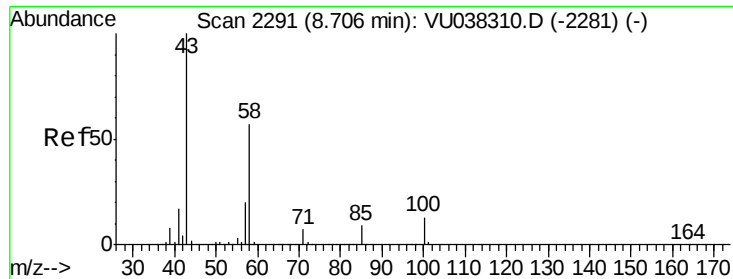
Tot Ion: 63 Resp: 14971
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038331.D
 Acq: 27 May 2020 19:15

Tgt Ion: 75 Resp: 3538
 Ion Ratio Lower Upper
 75 100
 77 48.2 22.4 41.6#

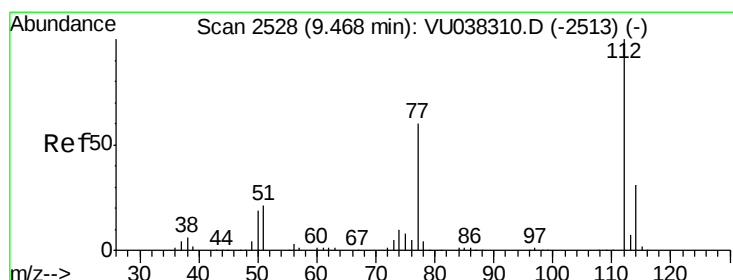
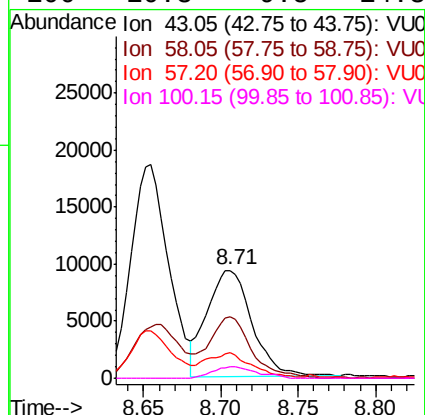
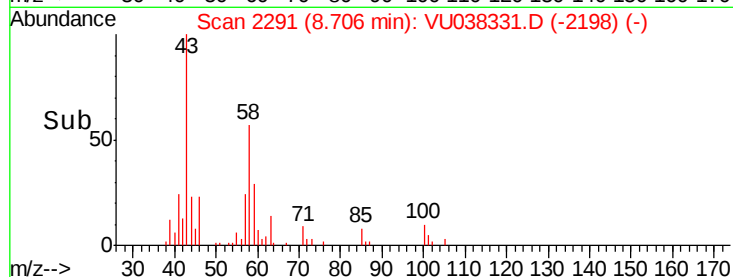
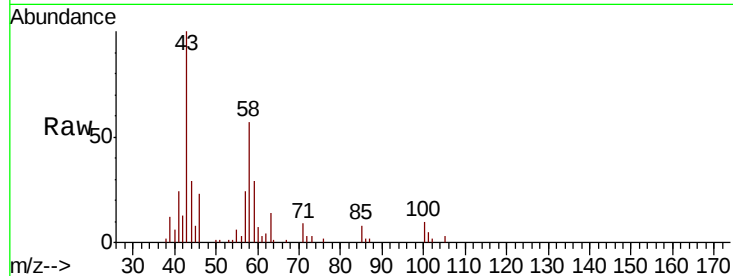




#48
2-Hexanone
Concen: 1.508 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038331.D
Acq: 27 May 2020 19:15

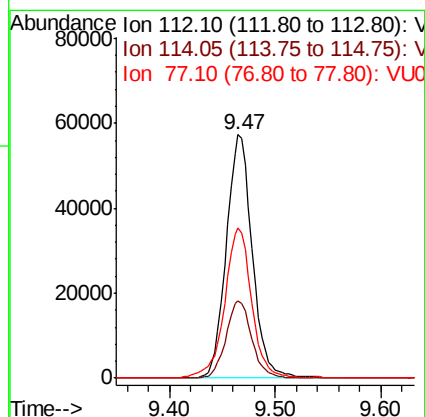
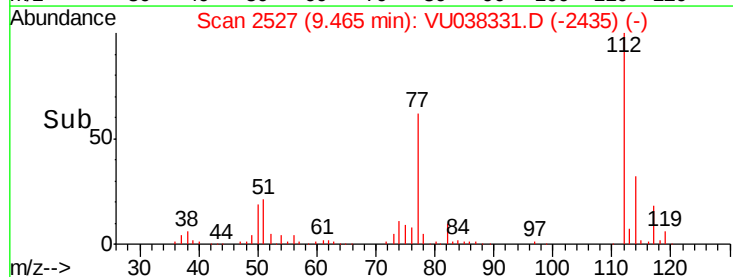
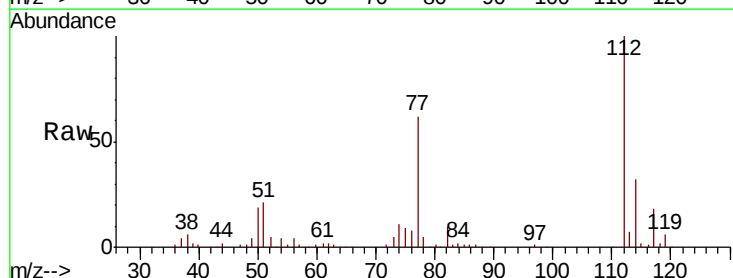
Instrument :
MSVOA_U
ClientSampleId :

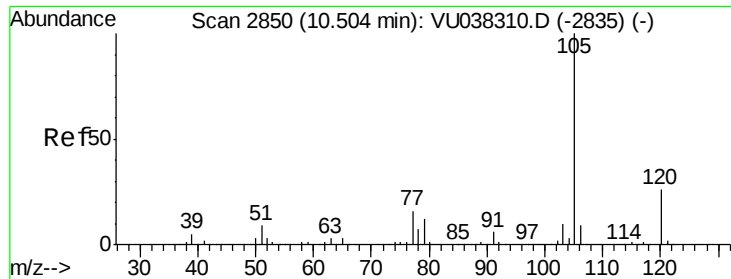
Tot Ion: 43 Resp: 18912
Ion Ratio Lower Upper
43 100
58 53.4 45.2 67.8
57 25.3 15.5 23.3#
100 10.3 9.5 14.3



#51
Chlorobenzene
Concen: 1.637 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038331.D
Acq: 27 May 2020 19:15

Tgt Ion: 112 Resp: 97529
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 61.7 49.9 74.9





#56

Isopropylbenzene

Concen: 1.220 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

Instrument :

MSVOA_U

ClientSampleId :

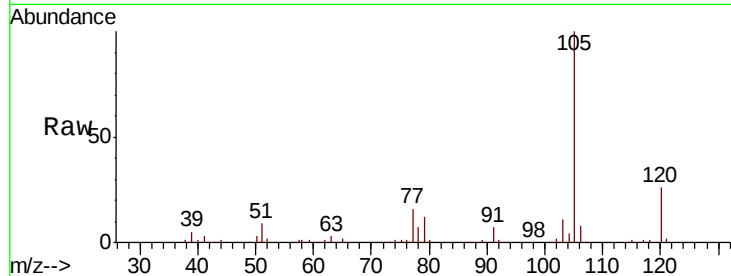
Tot Ion:105 Resp: 120839

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

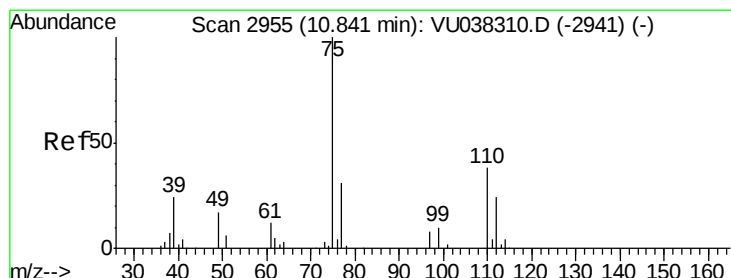
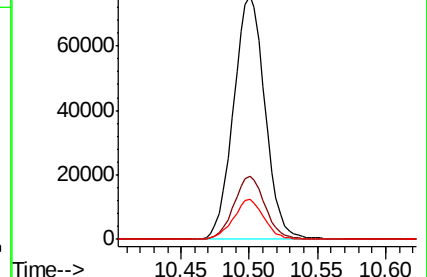
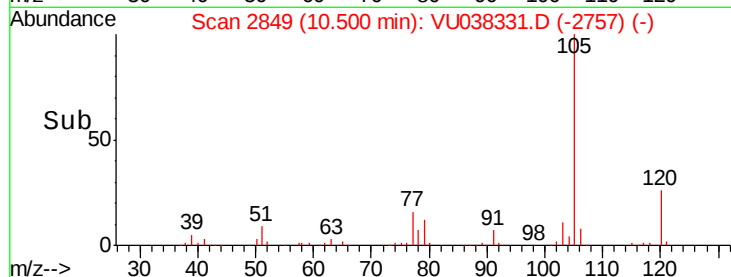
77 16.1 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 1.215 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038331.D

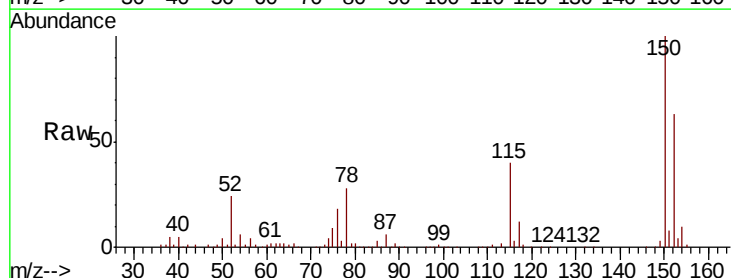
Acq: 27 May 2020 19:15

Tgt Ion: 75 Resp: 20146

Ion Ratio Lower Upper

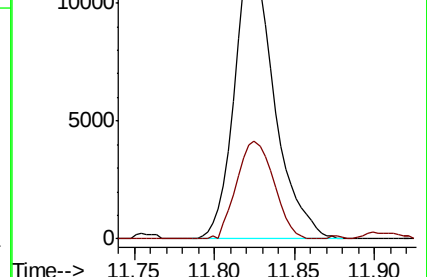
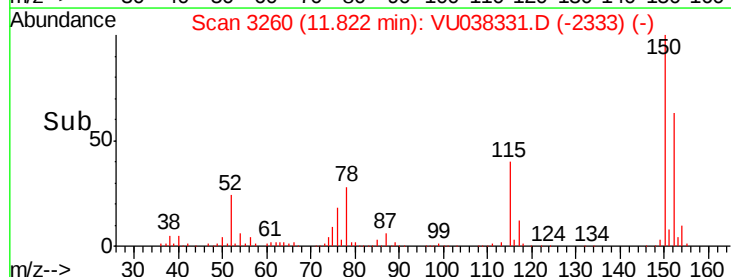
75 100

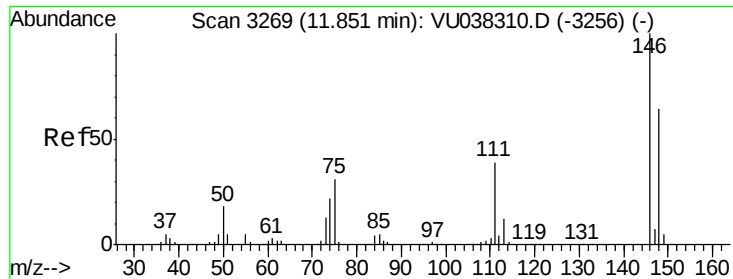
77 32.5 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU





#63

1,4-Dichlorobenzene

Concen: 0.125 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038331.D

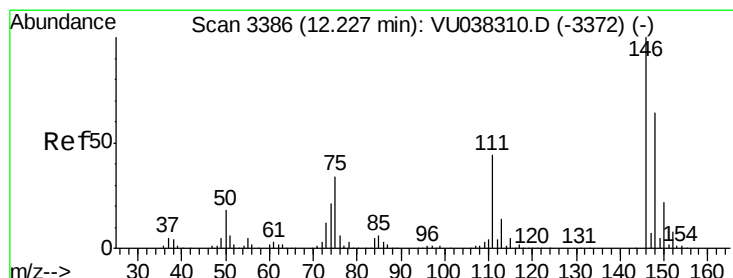
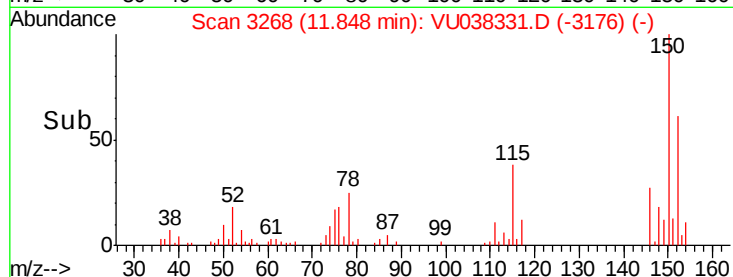
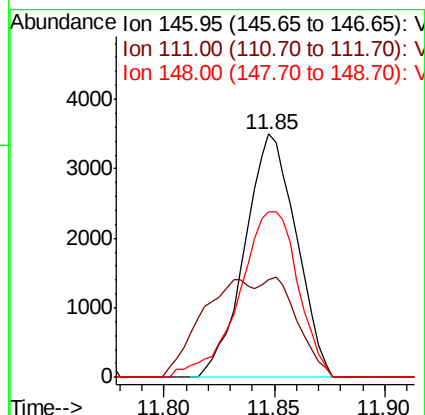
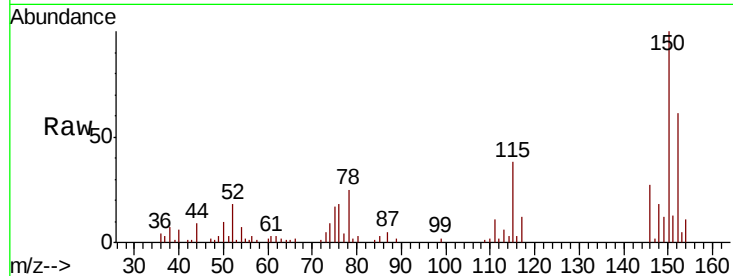
Acq: 27 May 2020 19:15

Instrument :

MSVOA_U

ClientSampled :

Tot Ion:	146	Resp:	5677
Ion	Ratio	Lower	Upper
146	100		
111	40.2	27.2	50.6
148	68.2	43.8	81.3



#65

1,2-Dichlorobenzene

Concen: 0.087 ug/L

RT: 12.23 min Scan# 3386

Delta R.T. -0.00 min

Lab File: VU038331.D

Acq: 27 May 2020 19:15

Tgt Ion:	146	Resp:	3729
Ion	Ratio	Lower	Upper
146	100		
111	49.3	35.3	52.9
148	79.0	51.0	76.4

