

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053020\
 Data File : VU038381.D
 Acq On : 29 May 2020 17:19
 Operator : JC/MD
 Sample : L2749-04DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 30 00:05:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	301808	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	295528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	146265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80813	2.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.60%
7) Chloroethane-d5	1.93	69	76873	3.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.40%#
11) 1,1-Dichloroethene-d2	2.59	63	125317	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	4.68	46	308556	45.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.60%
24) Chloroform-d	5.10	84	174431	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.74	65	105772	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.76	84	361610	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.72	67	110551	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.40%
41) Toluene-d8	7.93	98	310454	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	8.20	79	42312	3.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.00%
46) 2-Hexanone-d5	8.66	63	247066	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95240	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	127810	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

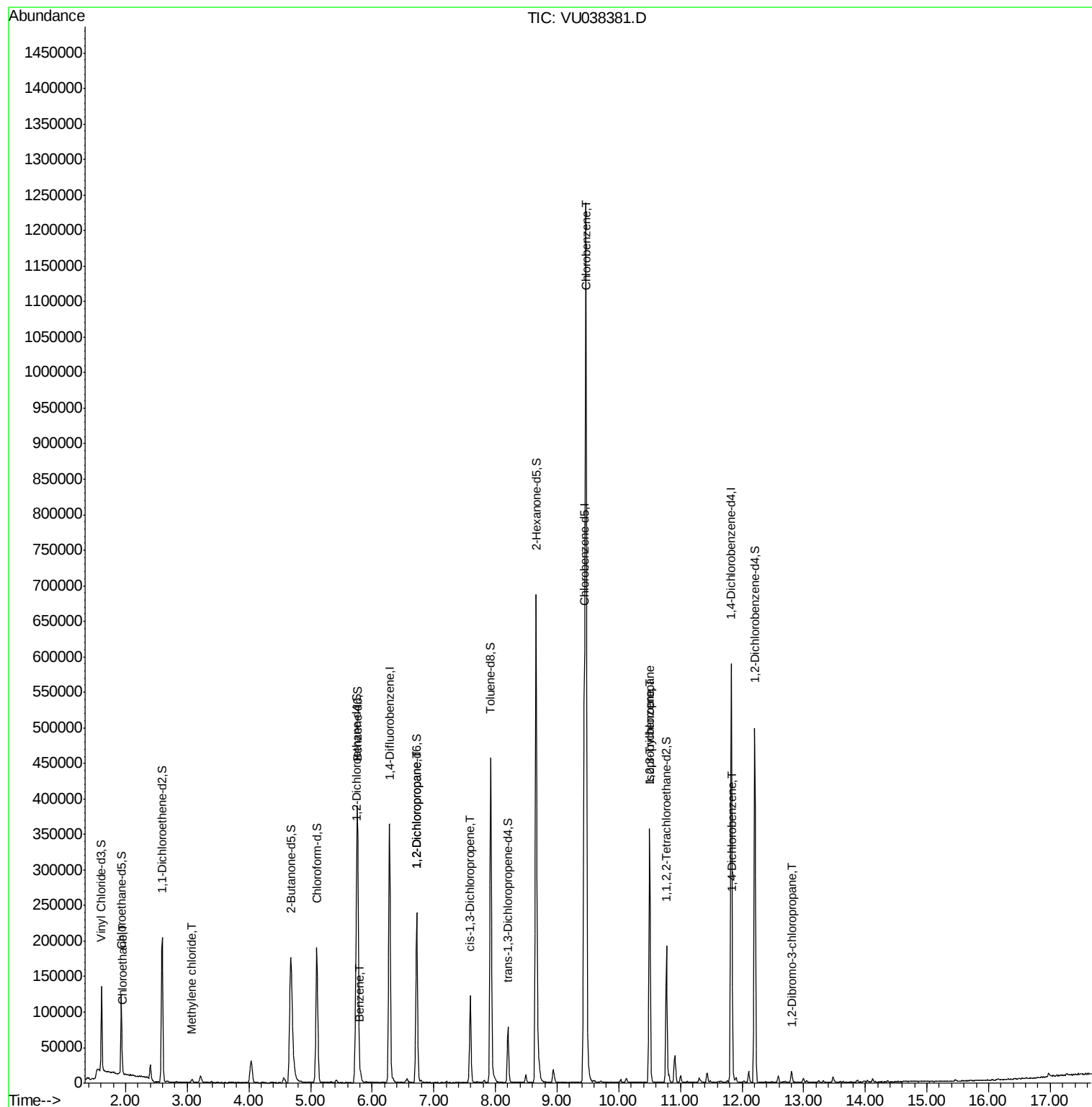
					Ovalue
8) Chloroethane	1.95	64	2778	0.139 ug/L #	62
16) Methylene chloride	3.07	84	2205	0.090 ug/L	78
33) Benzene	5.81	78	10258	0.108 ug/L	100
37) 1,2-Dichloropropane	6.72	63	12390	0.482 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3066	0.083 ug/L #	81
51) Chlorobenzene	9.47	112	658664	10.624 ug/L	98
56) Isopropylbenzene	10.50	105	230308	2.235 ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	2772	0.161 ug/L #	1
63) 1,4-Dichlorobenzene	11.85	146	5819	0.121 ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.80	75	601	0.161 ug/L #	8

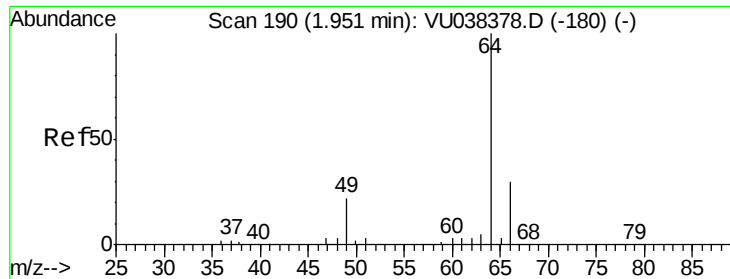
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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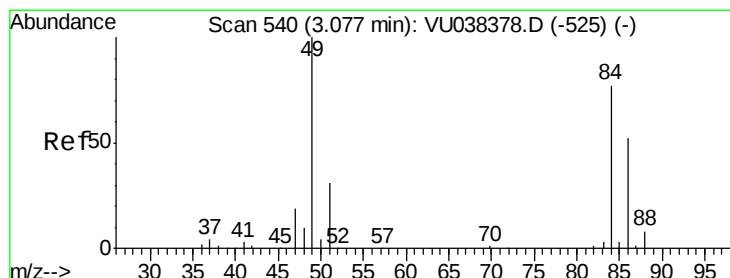
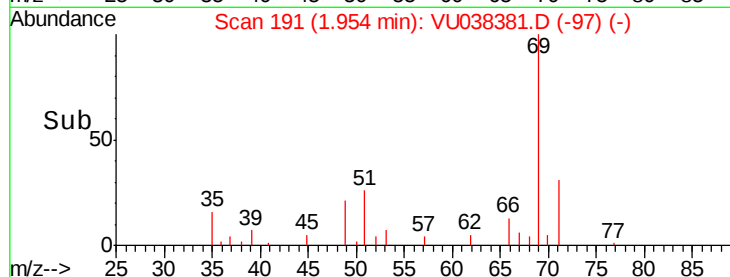
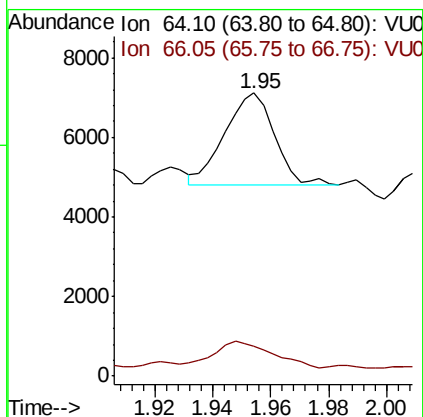
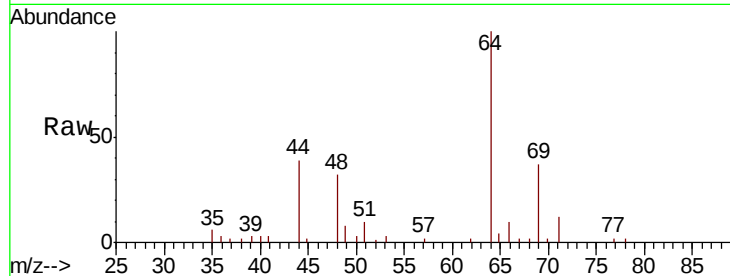




#8
Chloroethane
Concen: 0.139 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU038381.D
Acq: 29 May 2020 17:19

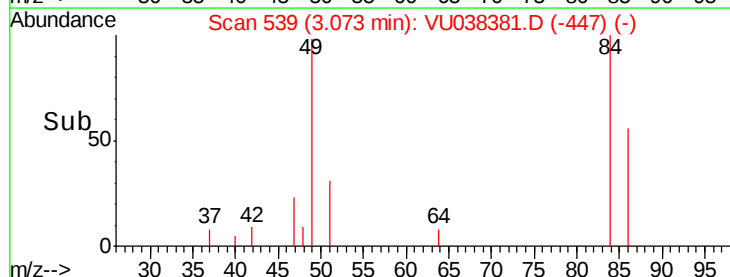
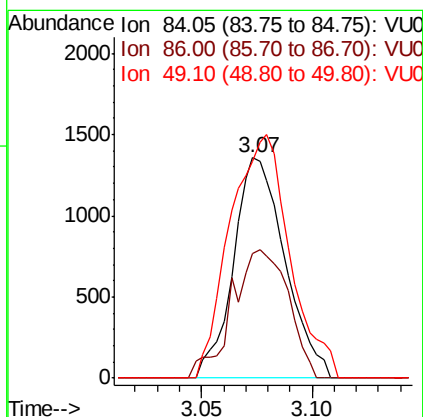
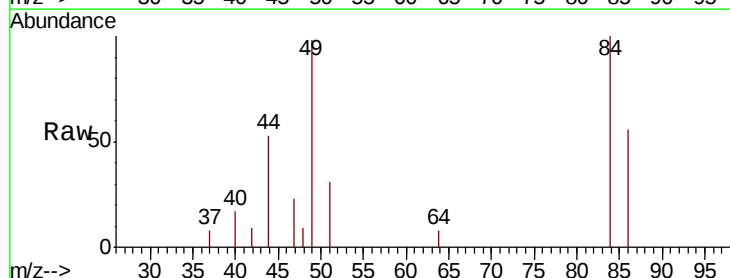
Instrument :
MSVOA_U
ClientSampled :

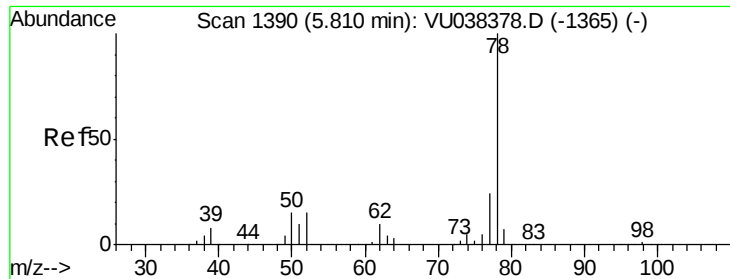
Tot Ion: 64 Resp: 2778
Ion Ratio Lower Upper
64 100
66 10.4 21.8 40.4#



#16
Methylene chloride
Concen: 0.090 ug/L
RT: 3.07 min Scan# 539
Delta R.T. -0.00 min
Lab File: VU038381.D
Acq: 29 May 2020 17:19

Tgt Ion: 84 Resp: 2205
Ion Ratio Lower Upper
84 100
86 56.3 44.9 83.3
49 98.1 92.0 170.9





#33

Benzene

Concen: 0.108 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038381.D

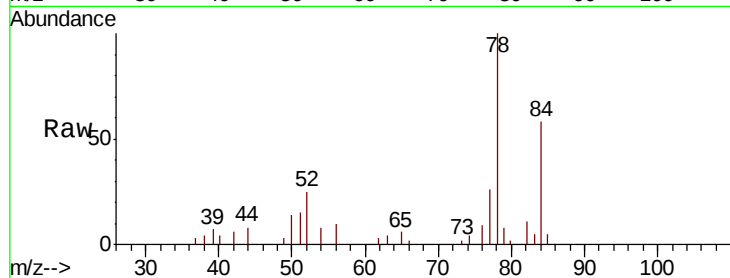
Acq: 29 May 2020 17:19

Instrument :

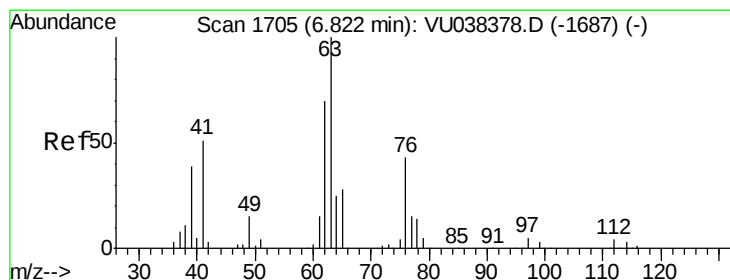
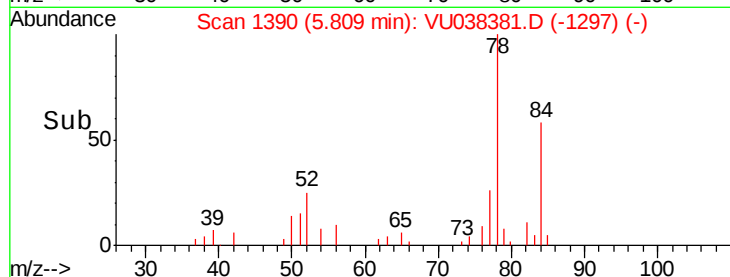
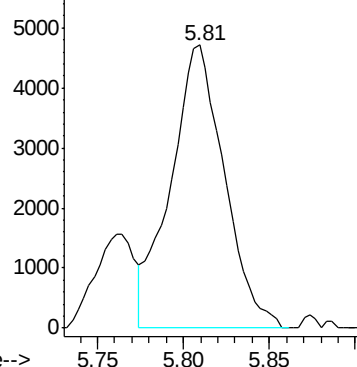
MSVOA_U

ClientSampleId :

Tgt Ion: 78 Resp: 10258



Abundance Ion 78.10 (77.80 to 78.80): VU0



#37

1,2-Dichloropropane

Concen: 0.482 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038381.D

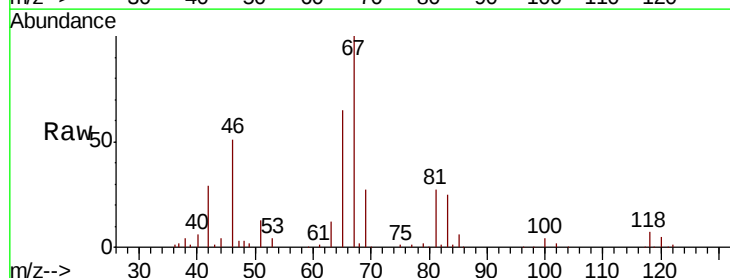
Acq: 29 May 2020 17:19

Tgt Ion: 63 Resp: 12390

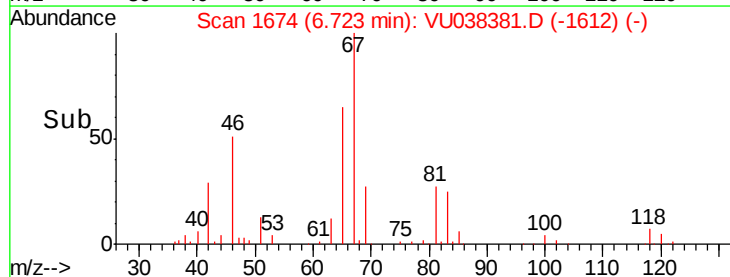
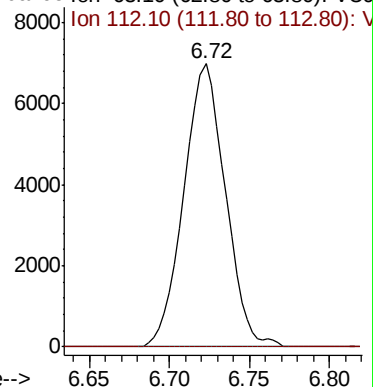
Ion Ratio Lower Upper

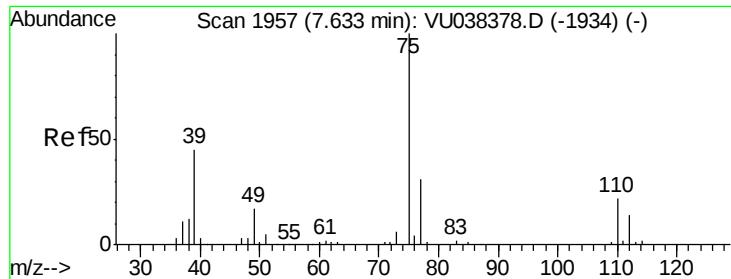
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0

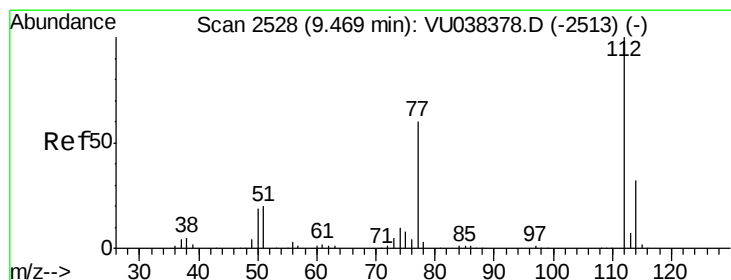
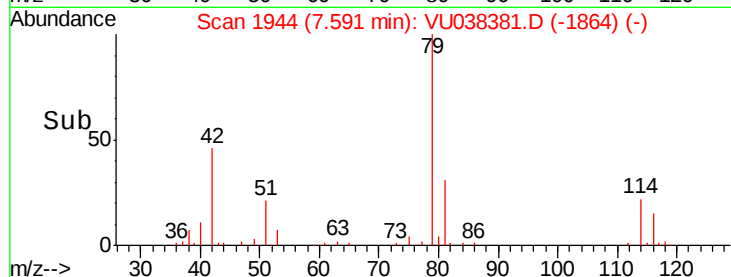
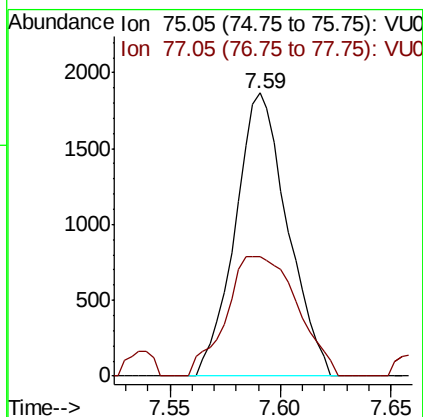
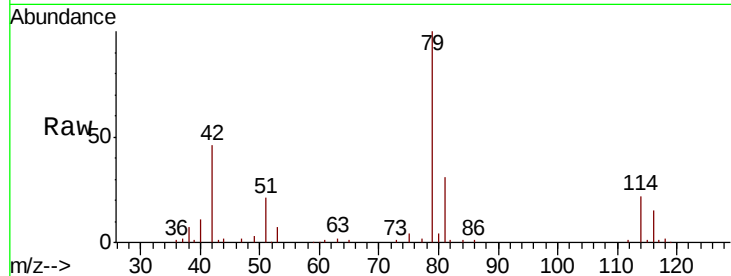




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038381.D
 Acq: 29 May 2020 17:19

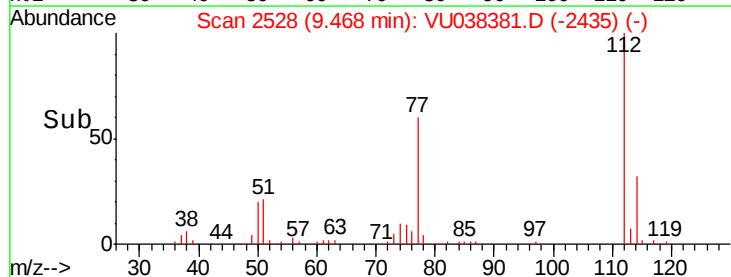
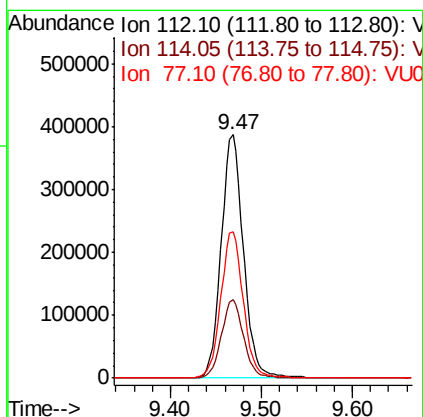
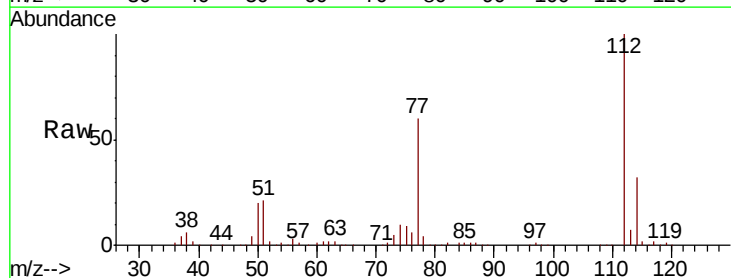
Instrument :
 MSVOA_U
 ClientSampleId :

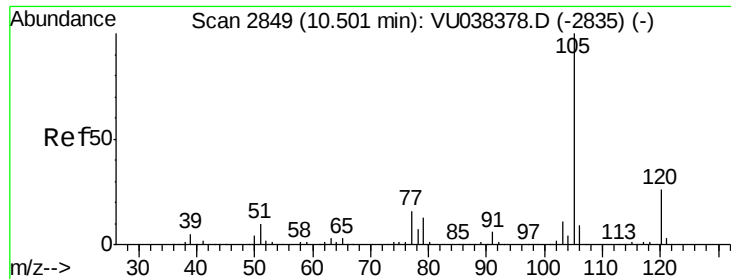
Tot Ion: 75 Resp: 3066
 Ion Ratio Lower Upper
 75 100
 77 42.4 22.4 41.6#



#51
 Chlorobenzene
 Concen: 10.624 ug/L
 RT: 9.47 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: VU038381.D
 Acq: 29 May 2020 17:19

Tgt Ion: 112 Resp: 658664
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.5 41.7
 77 60.3 49.9 74.9





#56

Isopropylbenzene

Concen: 2.235 ug/L

RT: 10.50 min Scan# 2849

Delta R.T. -0.00 min

Lab File: VU038381.D

Acq: 29 May 2020 17:19

Instrument :

MSVOA_U

ClientSampleId :

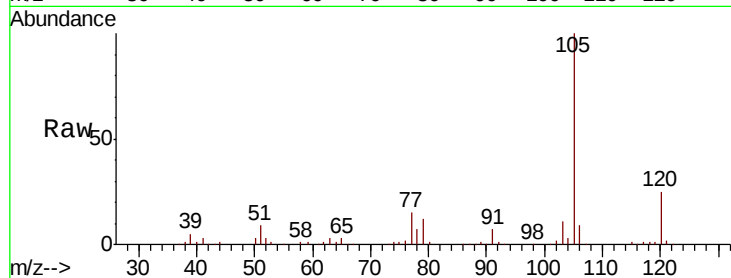
Tot Ion:105 Resp: 230308

Ion Ratio Lower Upper

105 100

120 25.6 21.0 31.6

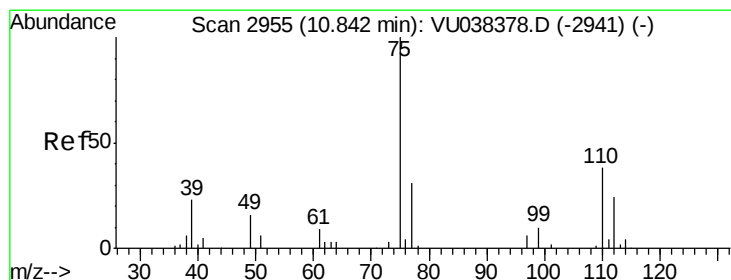
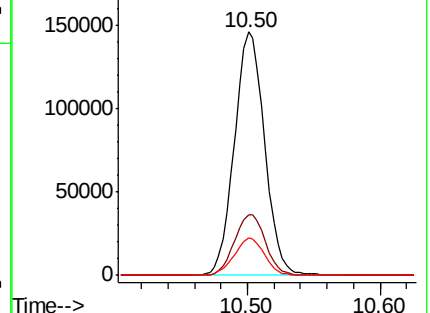
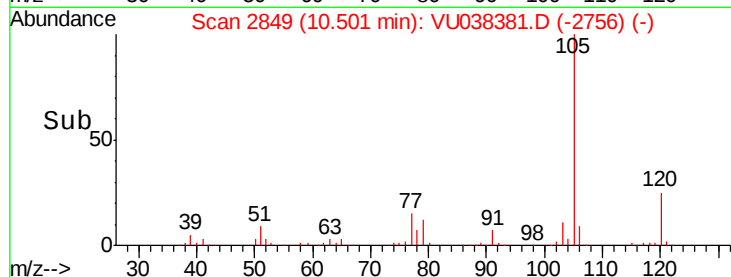
77 15.5 13.0 19.4



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: 0.161 ug/L

RT: 10.50 min Scan# 2850

Delta R.T. -0.34 min

Lab File: VU038381.D

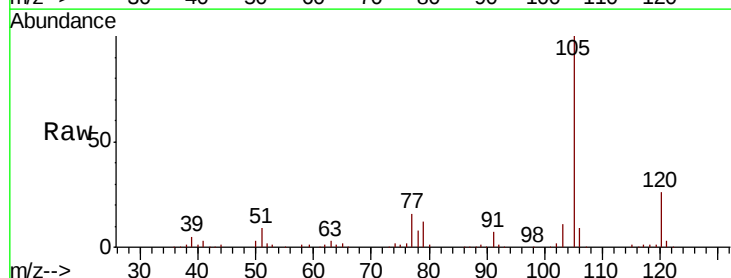
Acq: 29 May 2020 17:19

Tgt Ion: 75 Resp: 2772

Ion Ratio Lower Upper

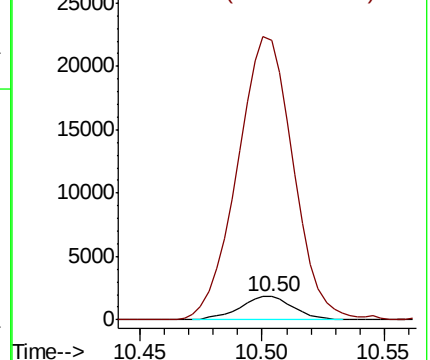
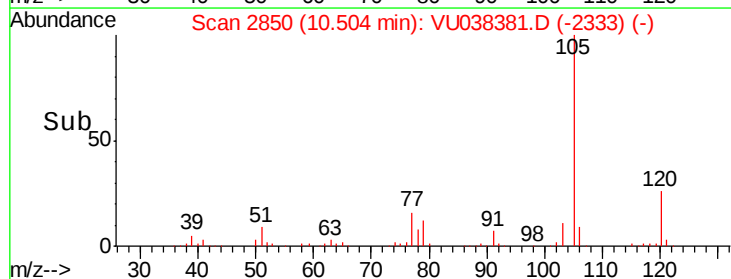
75 100

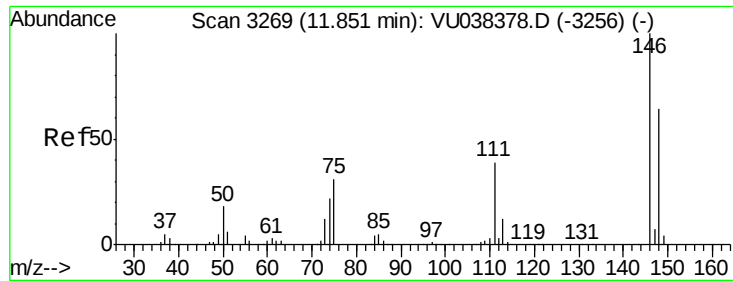
77 1285.1 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

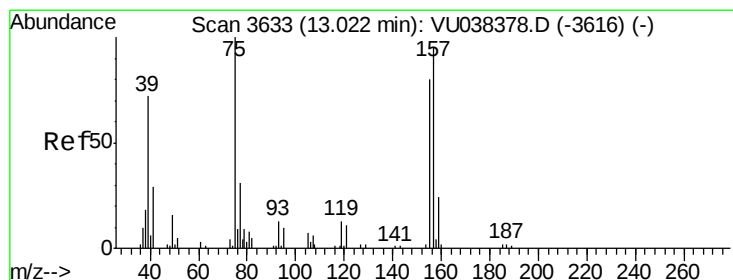
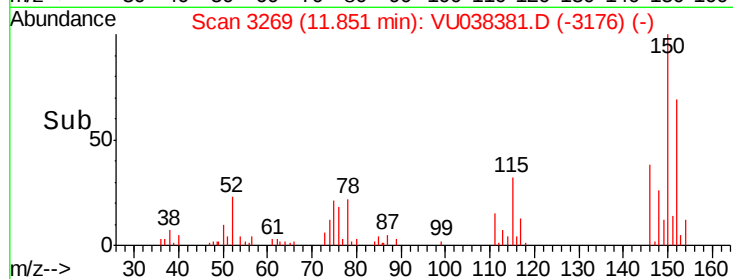
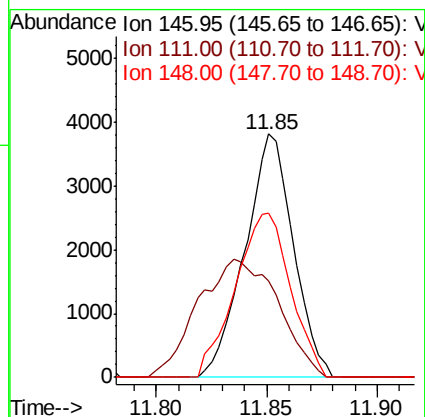
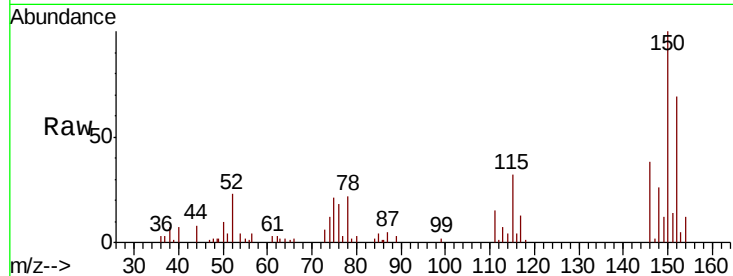




#63
 1,4-Dichlorobenzene
 Concen: 0.121 ug/L
 RT: 11.85 min Scan# 3269
 Delta R.T. -0.00 min
 Lab File: VU038381.D
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 MSVOA_U
 ClientSampleId :

Tot Ion:146 Resp: 5819
 Ion Ratio Lower Upper
 146 100
 111 39.6 27.2 50.6
 148 67.5 43.8 81.3



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.161 ug/L
 RT: 12.80 min Scan# 3565
 Delta R.T. -0.22 min
 Lab File: VU038381.D
 Acq: 29 May 2020 17:19

Tgt Ion: 75 Resp: 601
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 72.9 109.3#

