

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110320\
 Data File : VU041088.D
 Acq On : 03 Nov 2020 19:18
 Operator : SY/MD
 Sample : L4575-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA5

Quant Time: Nov 04 01:01:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 04 00:51:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51197	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	17914	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	14593	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.58	63	25489	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	4.65	46	78864	55.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.36%
24) Chloroform-d	5.08	84	35445	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	23345	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.74	84	63505	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.70	67	22283	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	48503	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	8.19	79	8641	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.64	63	53974	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21301	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	19468	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

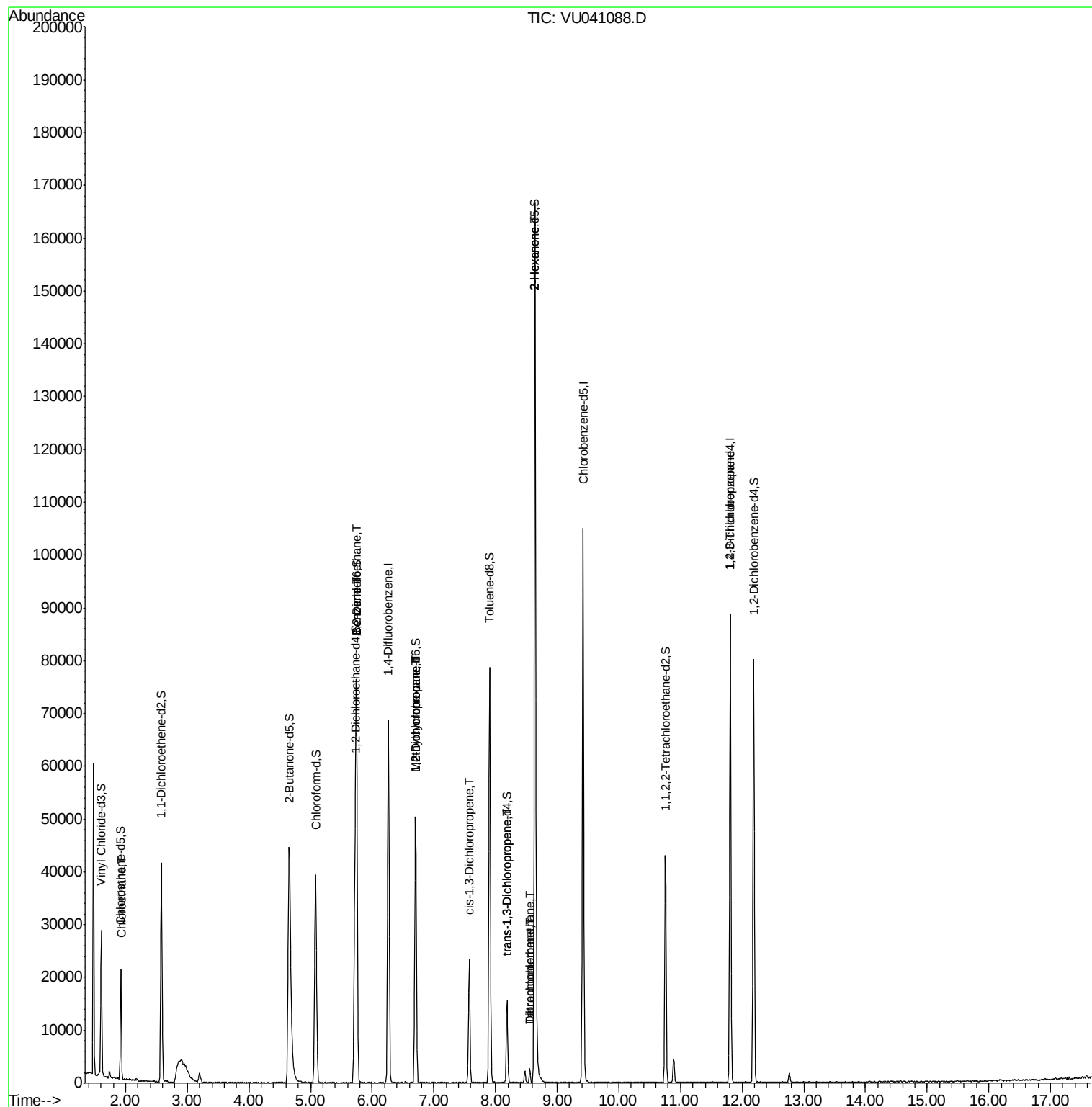
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	122	0.040	ug/L #	43
27) 1,2-Dichloroethane	5.74	62	328	0.060	ug/L #	74
33) Benzene	5.74	78	409	0.026	ug/L	100
35) Methylcyclohexane	6.70	83	4972	0.831	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	2622	0.615	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	569	0.097	ug/L #	50
44) trans-1,3-Dichloropropene	8.19	75	391	0.071	ug/L	94
47) Tetrachloroethene	8.56	164	504	0.171	ug/L	85
48) 2-Hexanone	8.64	43	8650	3.378	ug/L #	69
49) Dibromochloromethane	8.56	129	549	0.149	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3023	0.951	ug/L	99

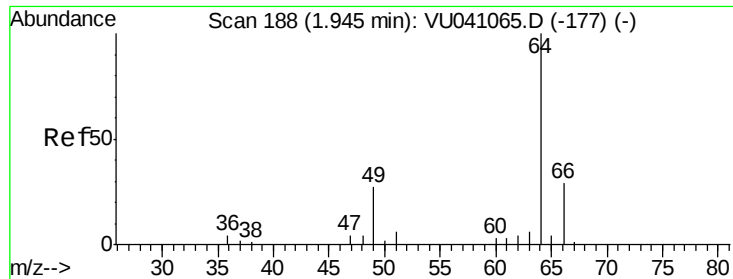
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 00:51:13 2020
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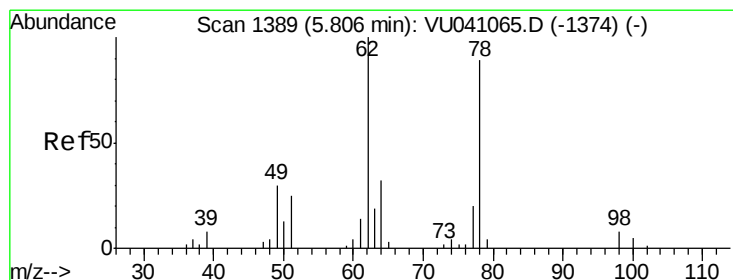
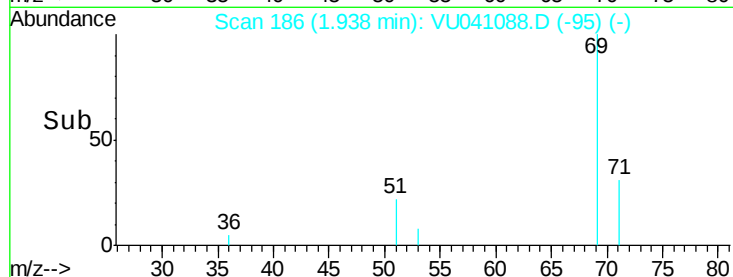
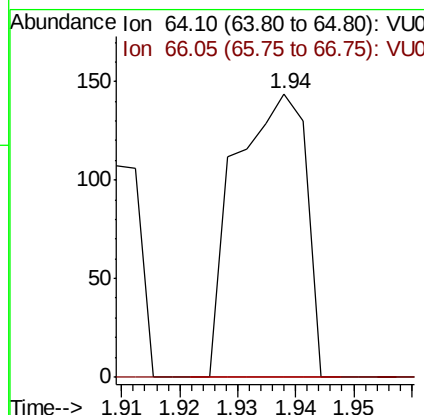
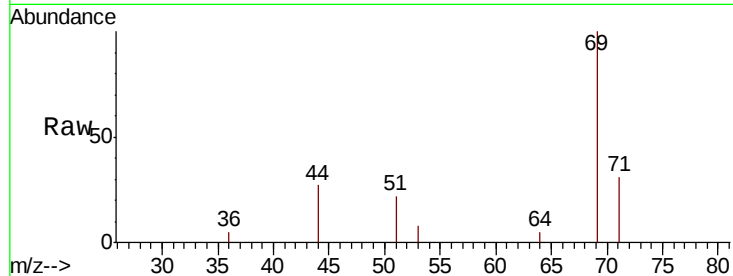




#8
 Chloroethane
 Concen: 0.040 ug/L
 RT: 1.94 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VU041088.D
 Acq: 03 Nov 2020 19:18

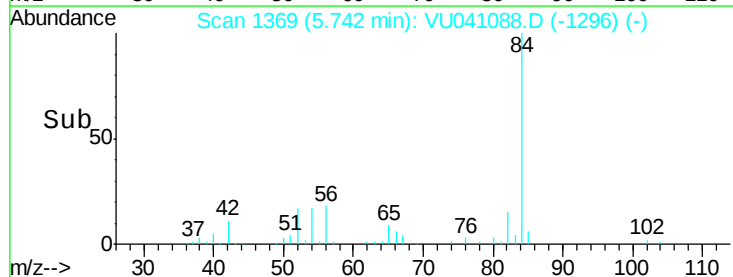
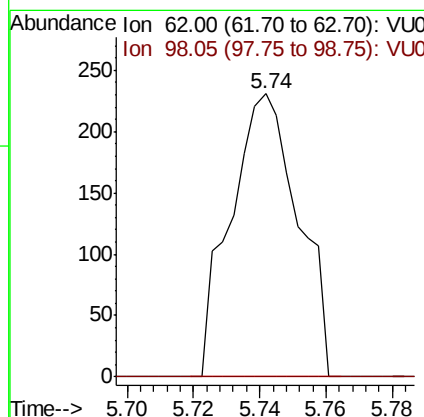
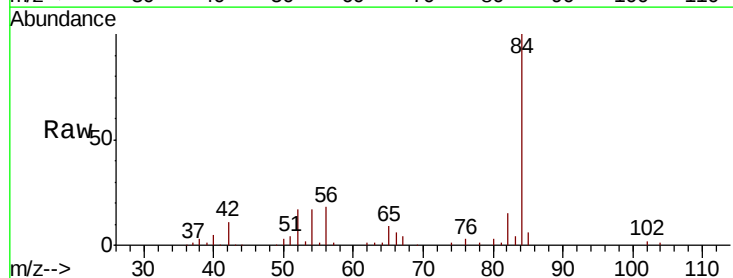
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA5

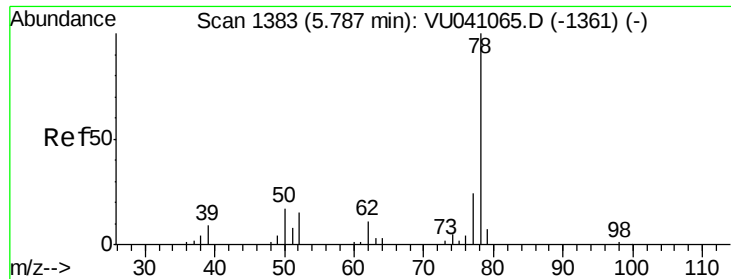
Tot Ion: 64 Resp: 122
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#



#27
 1,2-Dichloroethane
 Concen: 0.060 ug/L
 RT: 5.74 min Scan# 1369
 Delta R.T. -0.06 min
 Lab File: VU041088.D
 Acq: 03 Nov 2020 19:18

Tgt Ion: 62 Resp: 328
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#





#33

Benzene

Concen: 0.026 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041088.D

Acq: 03 Nov 2020 19:18

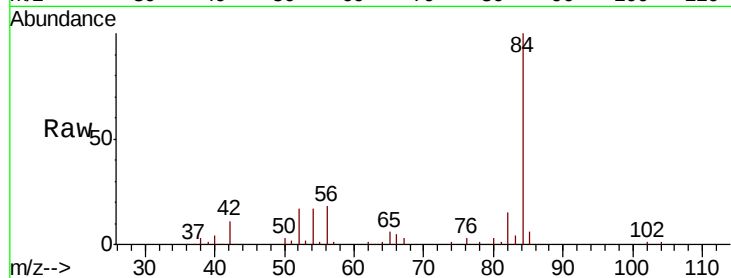
Instrument :

MSVOA_U

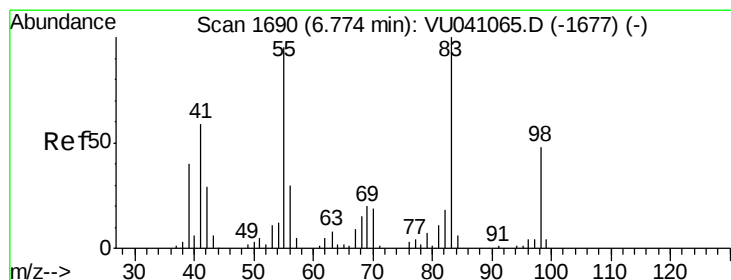
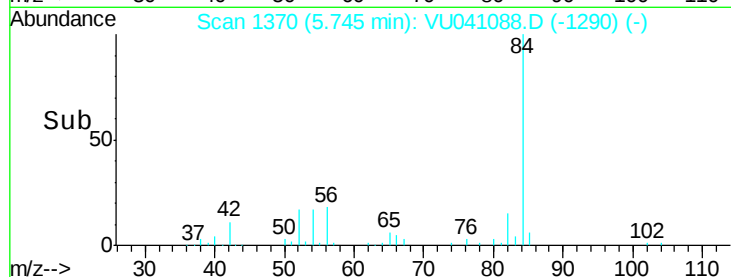
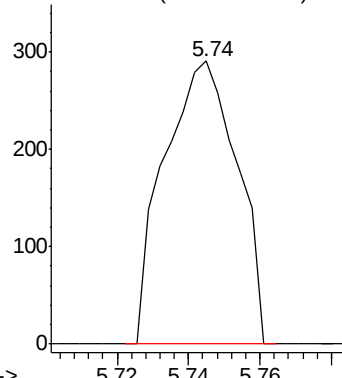
ClientSampleId :

C0AA5

Tgt Ion: 78 Resp: 409



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.831 ug/L

RT: 6.70 min Scan# 1667

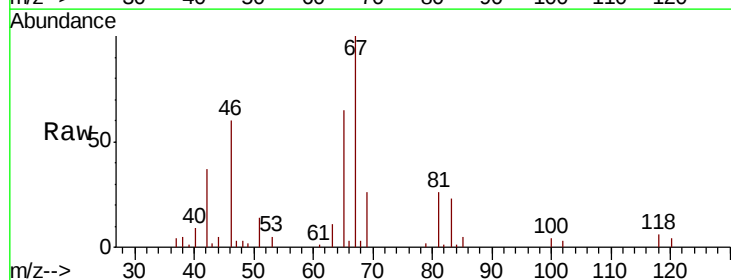
Delta R.T. -0.07 min

Lab File: VU041088.D

Acq: 03 Nov 2020 19:18

Tgt Ion: 83 Resp: 4972

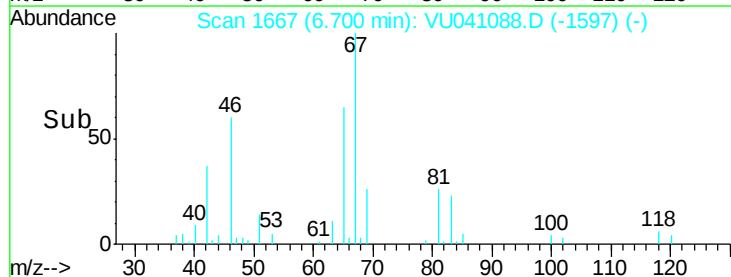
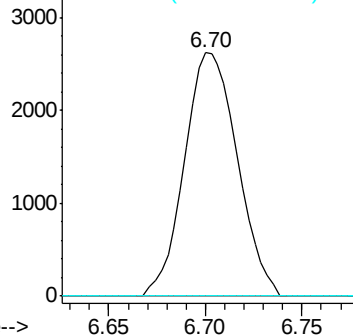
Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#

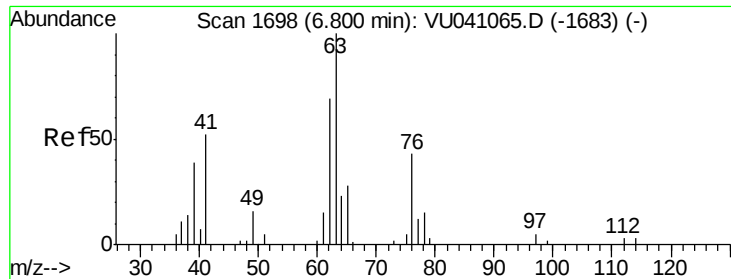


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

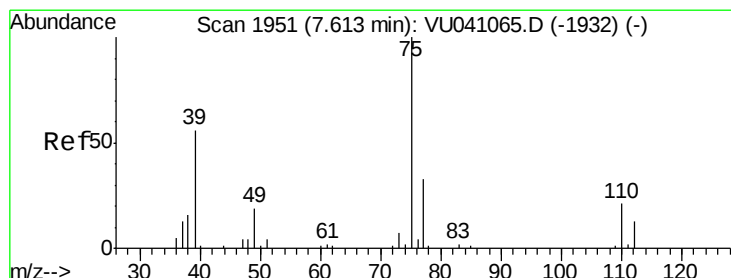
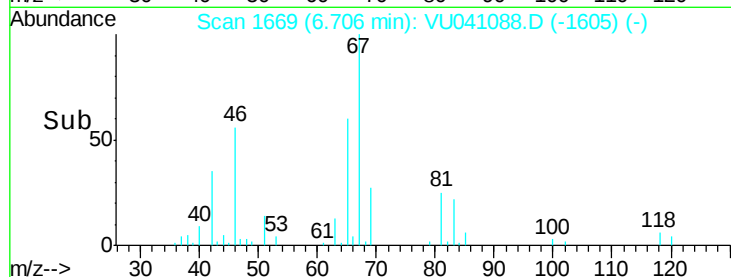
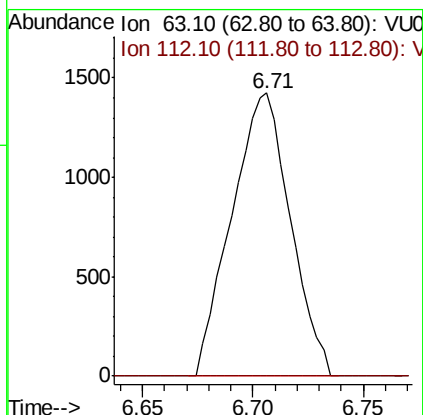
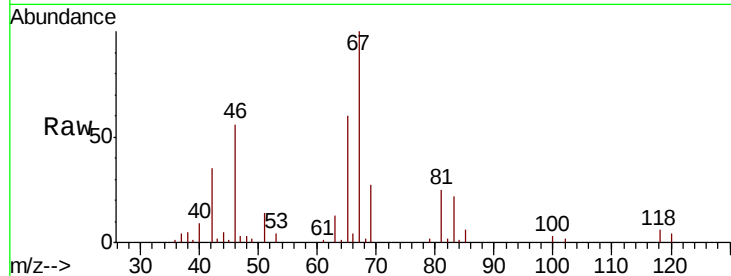




#37
 1,2-Dichloropropane
 Concen: 0.615 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU041088.D
 Acq: 03 Nov 2020 19:18

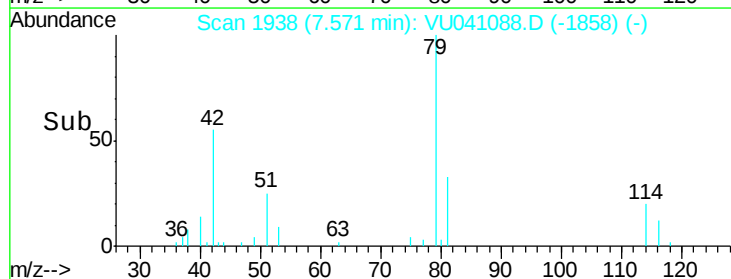
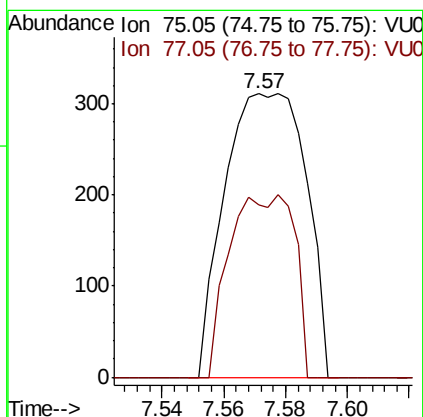
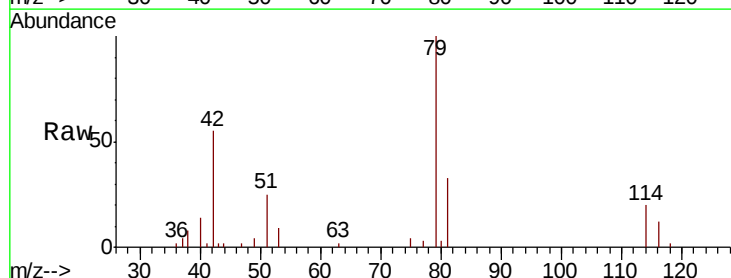
Instrument :
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 C0AA5

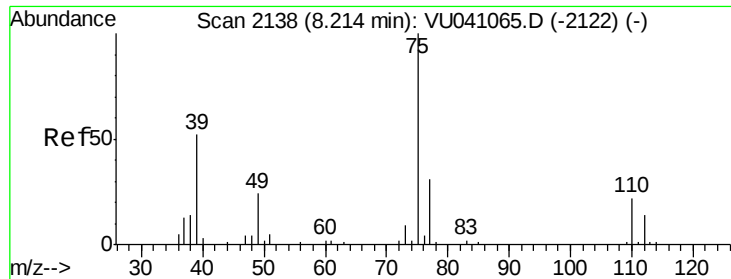
Tot Ion: 63 Resp: 2622
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041088.D
 Acq: 03 Nov 2020 19:18

Tgt Ion: 75 Resp: 569
 Ion Ratio Lower Upper
 75 100
 77 60.8 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041088.D

Acq: 03 Nov 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

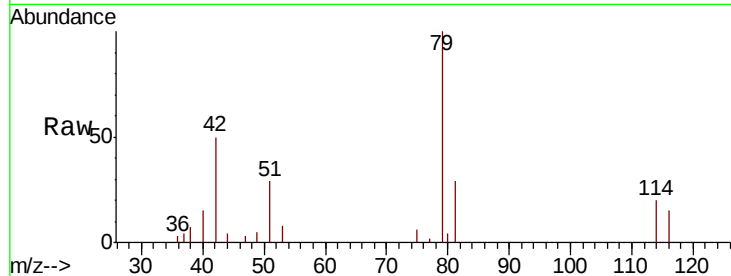
C0AA5

Tot Ion: 75 Resp: 391

Ion Ratio Lower Upper

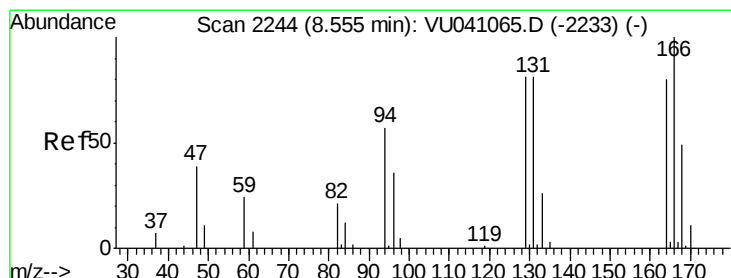
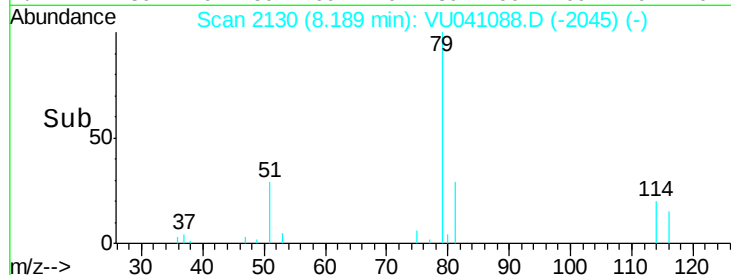
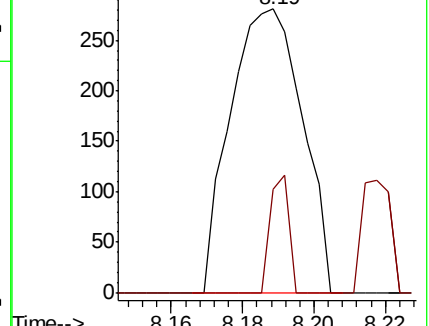
75 100

77 36.7 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.171 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041088.D

Acq: 03 Nov 2020 19:18

Tgt Ion:164 Resp: 504

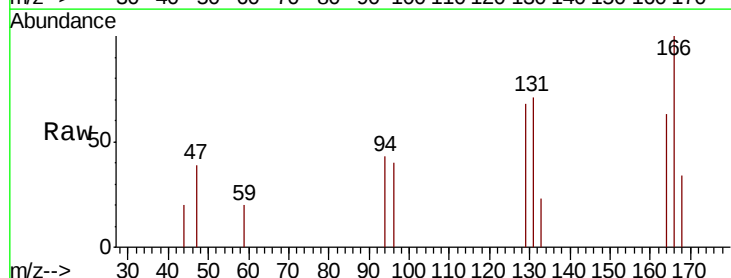
Ion Ratio Lower Upper

164 100

129 107.3 70.3 130.7

131 112.8 70.8 131.4

166 158.3 92.0 170.8

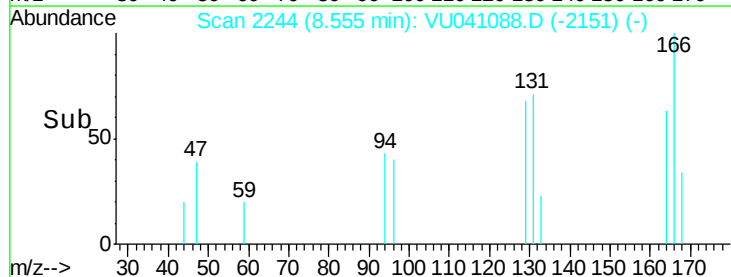
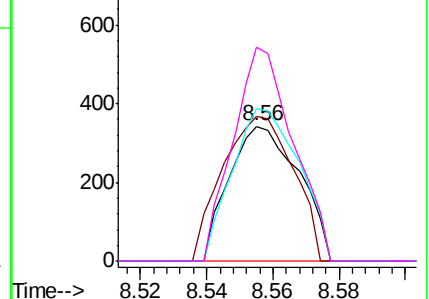


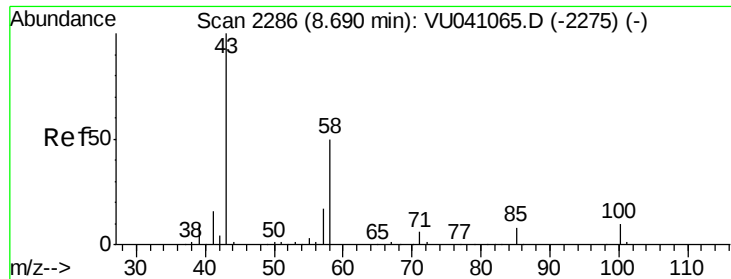
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

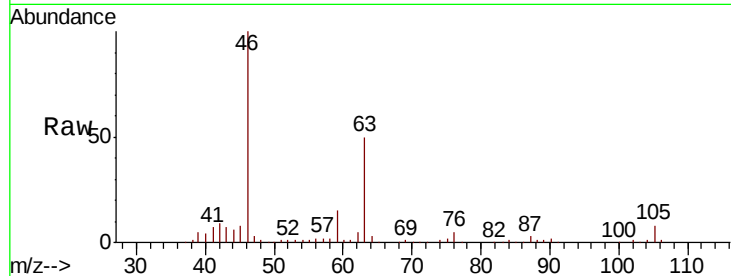




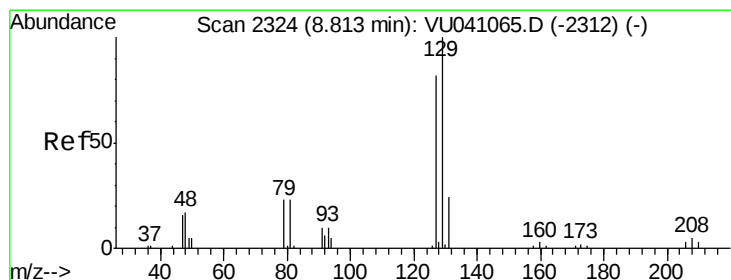
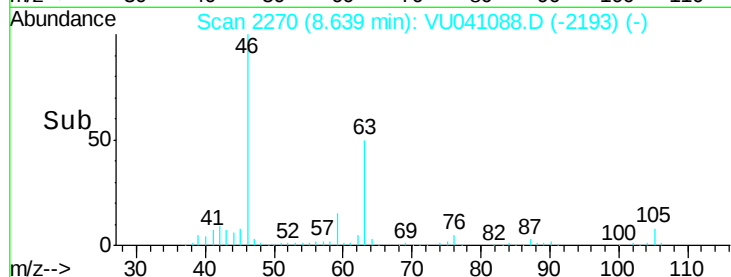
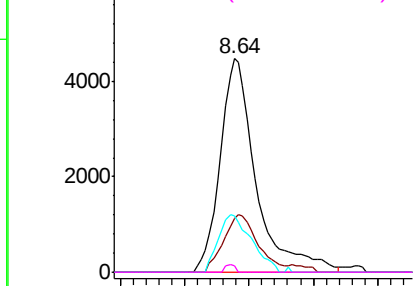
#48
2-Hexanone
Concen: 3.378 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041088.D
Acq: 03 Nov 2020 19:18

Instrument :
MSVOA_U
ClientSampleId :
C0AA5

Tot Ion: 43 Resp: 8650
Ion Ratio Lower Upper
43 100
58 25.6 41.4 62.2#
57 25.0 14.6 21.8#
100 1.0 8.3 12.5#

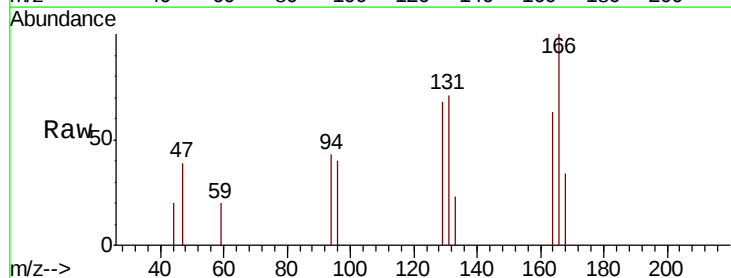


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

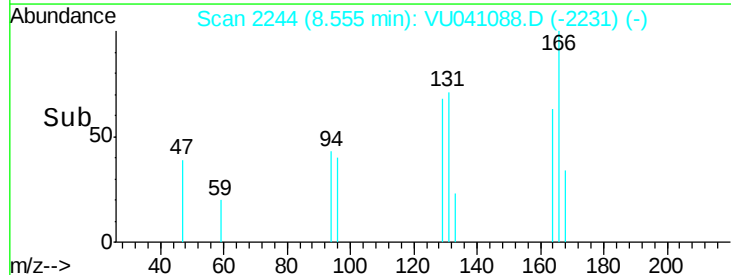
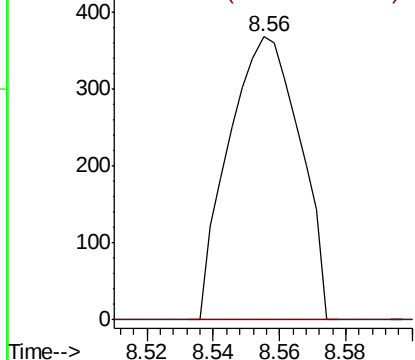


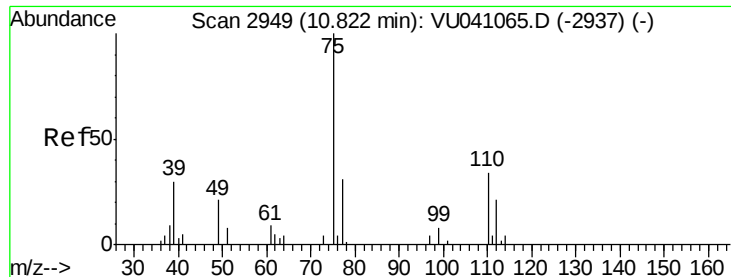
#49
Dibromochloromethane
Concen: 0.149 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041088.D
Acq: 03 Nov 2020 19:18

Tgt Ion: 129 Resp: 549
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.951 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041088.D

Acq: 03 Nov 2020 19:18

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 75 Resp: 3023

Ion Ratio Lower Upper

75 100

77 32.6 25.7 38.5

