

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040967.D
 Acq On : 27 Oct 2020 01:30
 Operator : SY/MD
 Sample : L4492-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN1

Quant Time: Oct 27 05:33:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 05:24:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	57484	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	59845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	23437	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24944	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.92	69	20046	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.58	63	36695	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.66	46	84511	53.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	5.08	84	43039	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.72	65	27074	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.74	84	80119	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	27279	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.91	98	62524	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.19	79	10746	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	59556	48.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23549	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	24141	5.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.40%

Target Compounds

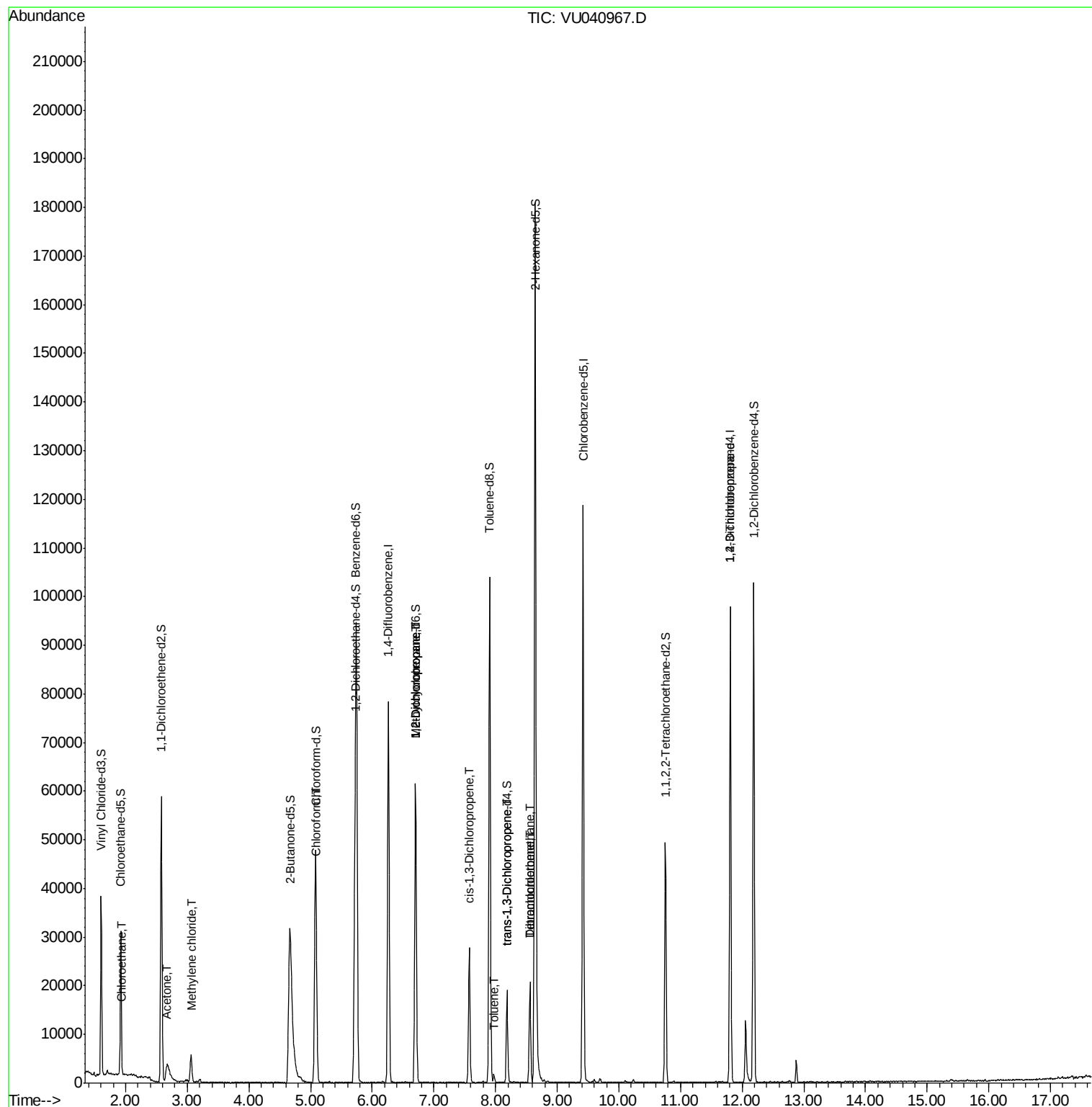
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	104	0.030	ug/L #	43
13) Acetone	2.68	43	12044	11.077	ug/L	100
16) Methylene chloride	3.06	84	2477	0.524	ug/L	94
25) Chloroform	5.10	83	477	0.058	ug/L	81
35) Methylcyclohexane	6.70	83	6464	0.952	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2921	0.604	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	752	0.113	ug/L	95
42) Toluene	7.97	91	1099	0.061	ug/L	81
44) trans-1,3-Dichloropropene	8.19	75	462	0.074	ug/L #	64
47) Tetrachloroethene	8.56	164	4628	1.383	ug/L	90
49) Dibromochloromethane	8.56	129	4307	1.030	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	3346	0.928	ug/L	92

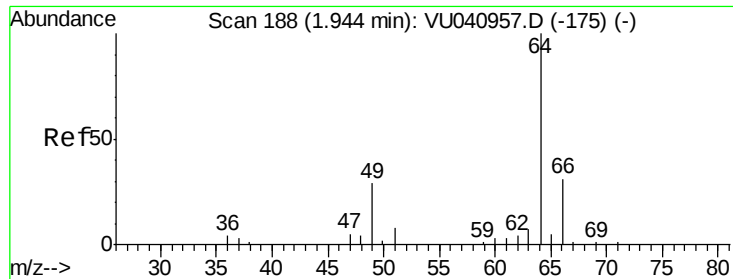
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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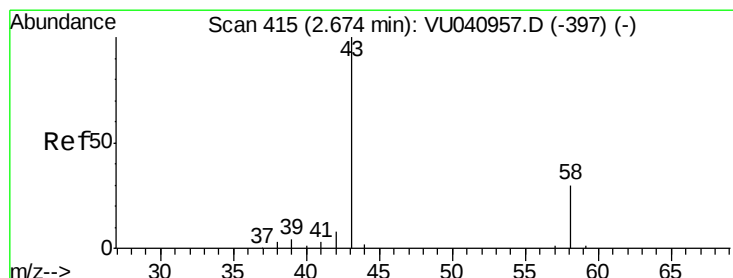
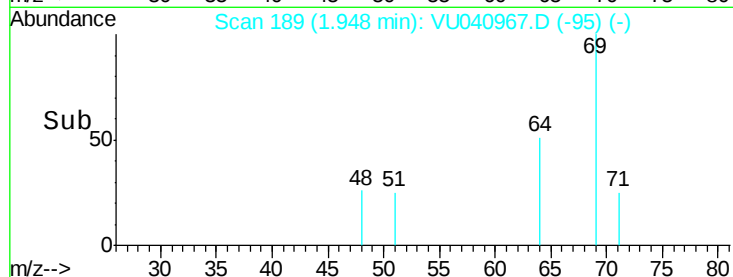
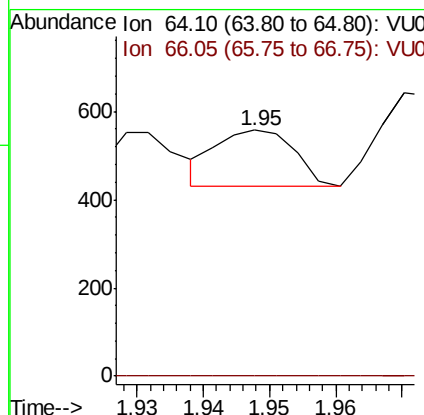
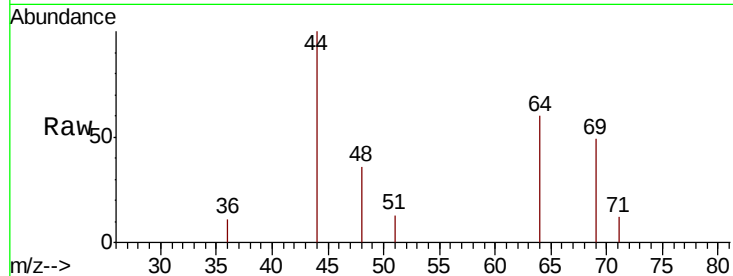




#8
 Chloroethane
 Concen: 0.030 ug/L
 RT: 1.95 min Scan# 189
 Delta R.T. 0.00 min
 Lab File: VU040967.D
 Acq: 27 Oct 2020 01:30

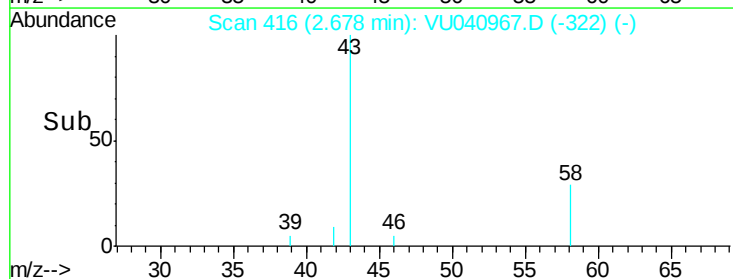
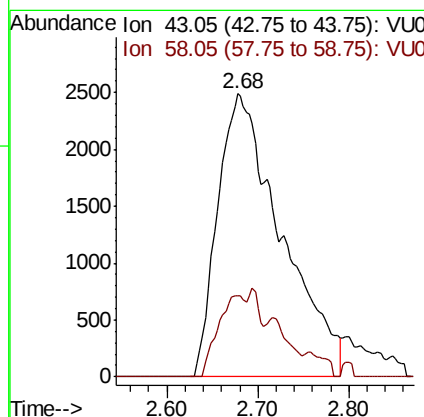
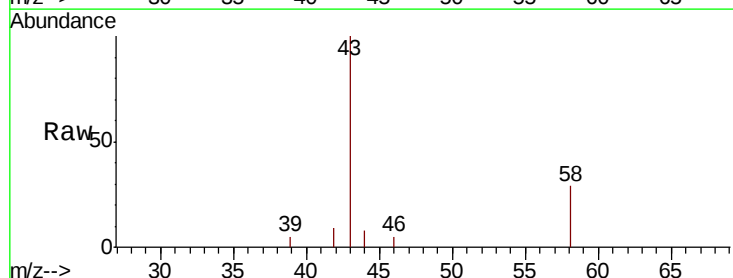
Instrument :
 MSVOA_U
 ClientSampled :
 C0AN1

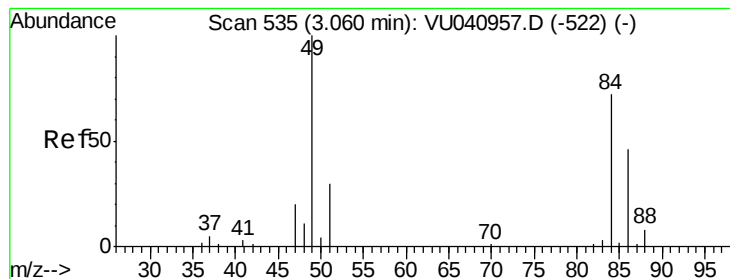
Tot Ion: 64 Resp: 104
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#



#13
 Acetone
 Concen: 11.077 ug/L
 RT: 2.68 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: VU040967.D
 Acq: 27 Oct 2020 01:30

Tgt Ion: 43 Resp: 12044
 Ion Ratio Lower Upper
 43 100
 58 12.6 0.0 25.4





#16

Methvlene chloride

Concen: 0.524 ug/L

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040967.D

Acq: 27 Oct 2020 01:30

Instrument :

MSVOA_U

ClientSampleId :

C0AN1

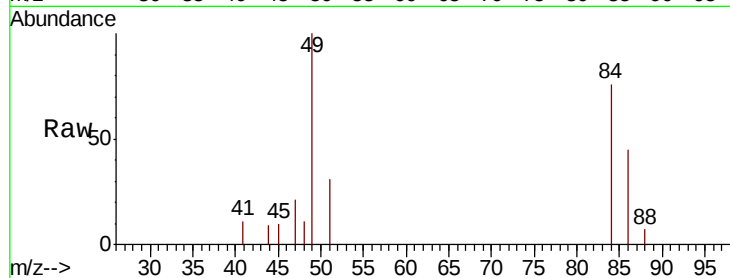
Tot Ion: 84 Resp: 2477

Ion Ratio Lower Upper

84 100

86 59.6 42.8 79.6

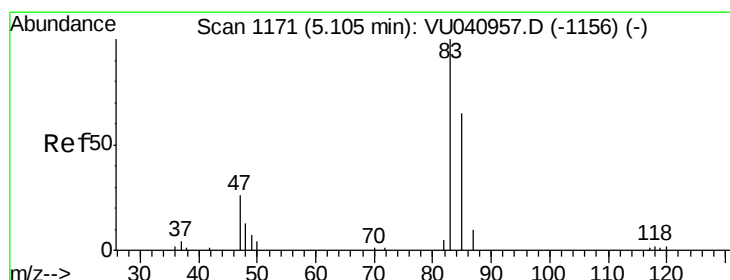
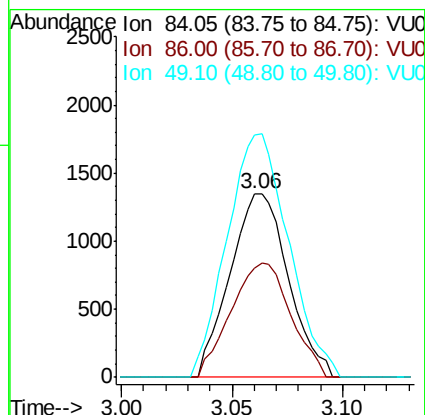
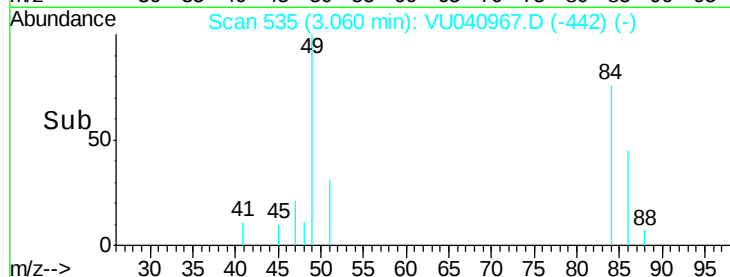
49 132.1 99.5 184.7



Abundance Ion 84.05 (83.75 to 84.75): VU040967.D (-442) (-)

Ion 86.00 (85.70 to 86.70): VU040967.D (-442) (-)

Ion 49.10 (48.80 to 49.80): VU040967.D (-442) (-)



#25

Chloroform

Concen: 0.058 ug/L

RT: 5.10 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VU040967.D

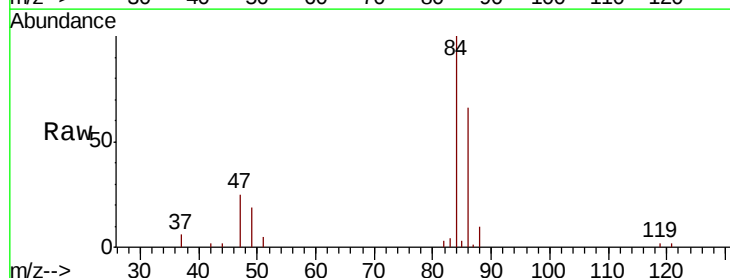
Acq: 27 Oct 2020 01:30

Tgt Ion: 83 Resp: 477

Ion Ratio Lower Upper

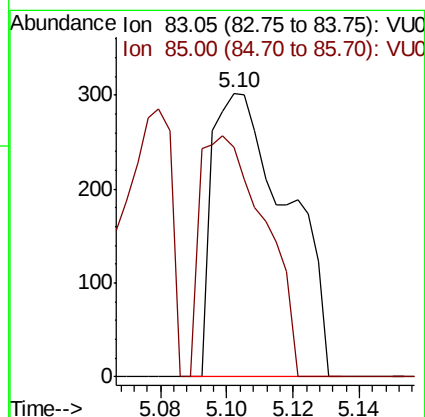
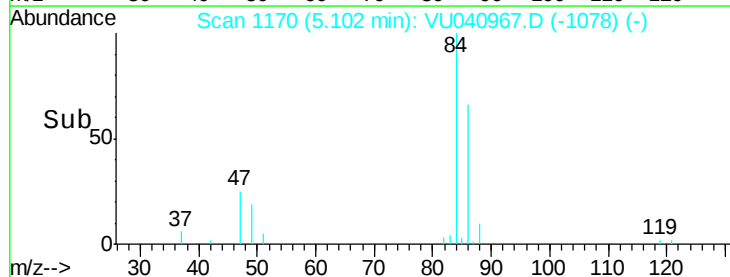
83 100

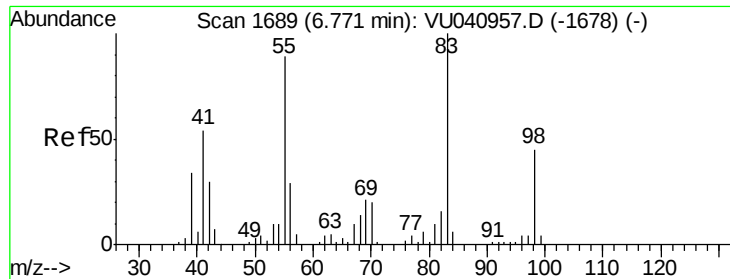
85 81.1 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU040967.D (-1078) (-)

Ion 85.00 (84.70 to 85.70): VU040967.D (-1078) (-)

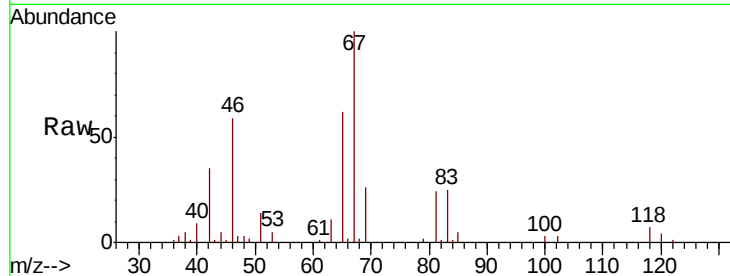




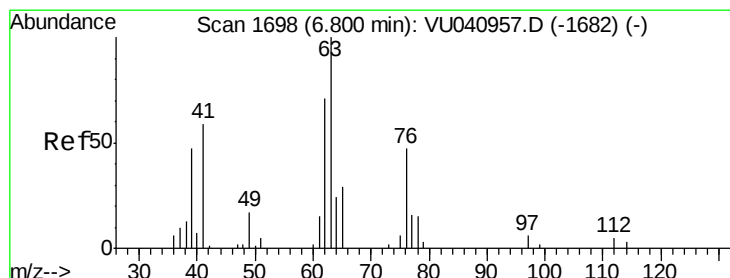
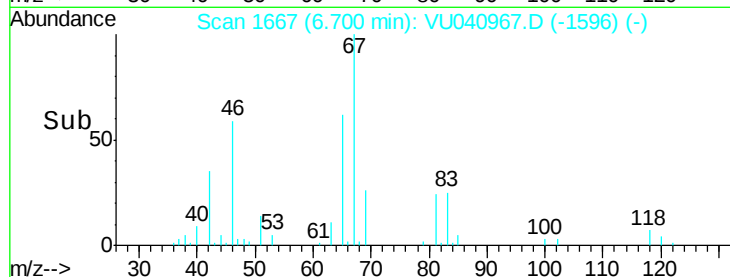
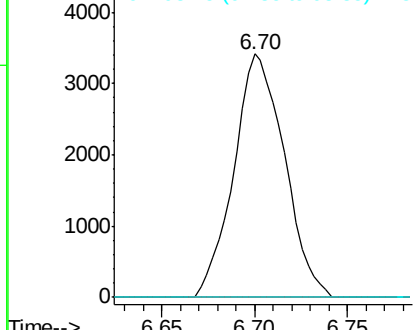
#35
Methvlcvclohexane
Concen: 0.952 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040967.D
Acq: 27 Oct 2020 01:30

Instrument :
MSVOA_U
ClientSampleId :
C0AN1

Tot Ion: 83 Resp: 6464
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

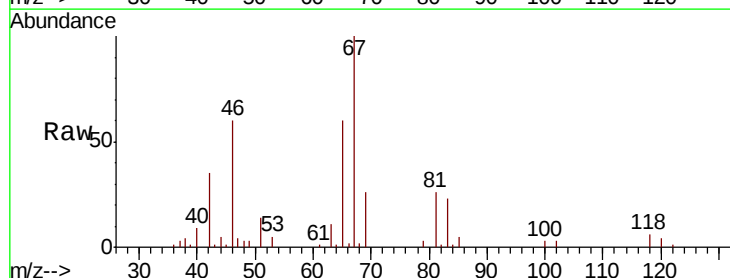


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

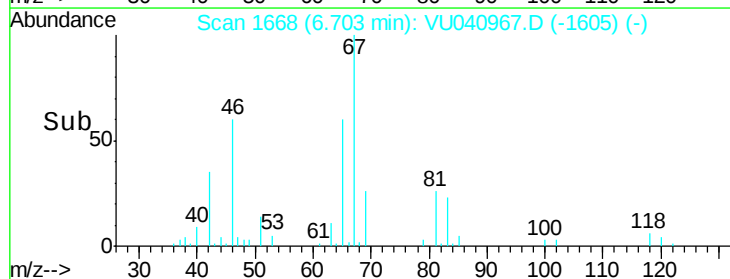
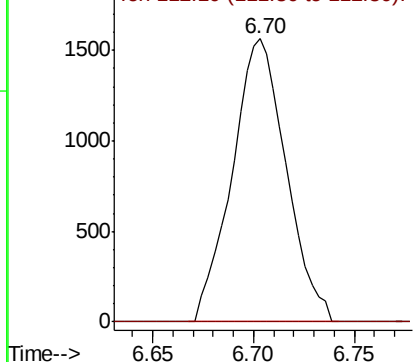


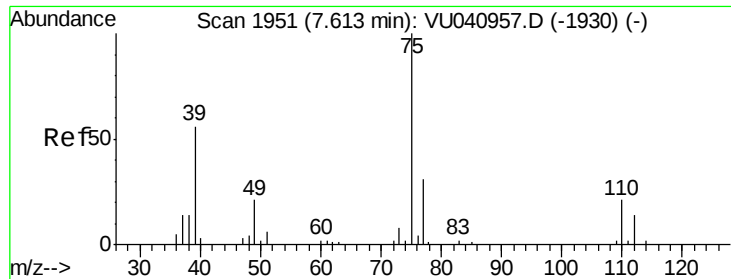
#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040967.D
Acq: 27 Oct 2020 01:30

Tgt Ion: 63 Resp: 2921
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

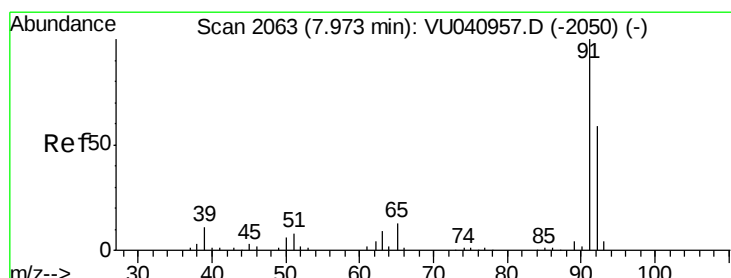
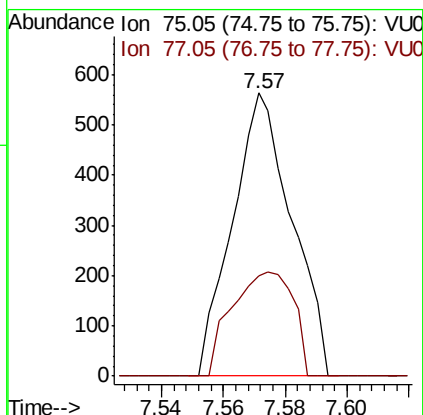
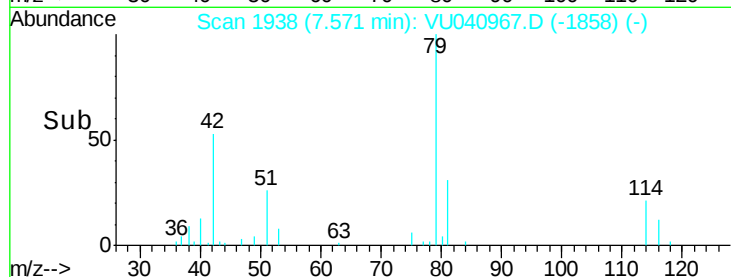
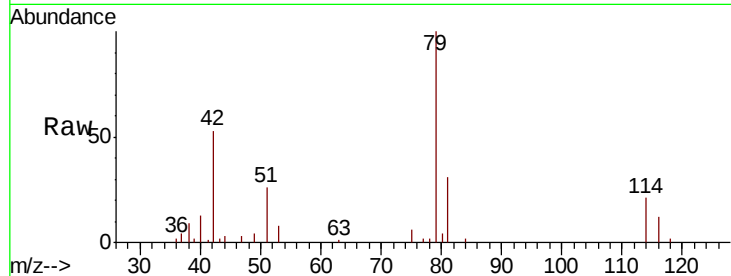




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040967.D
 Acq: 27 Oct 2020 01:30

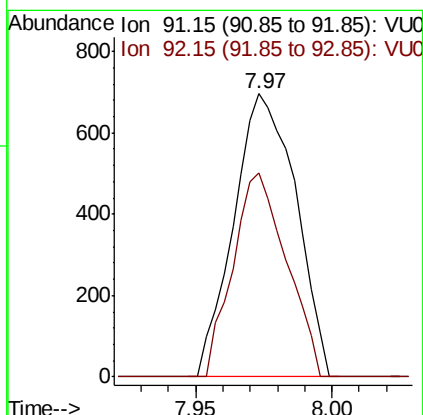
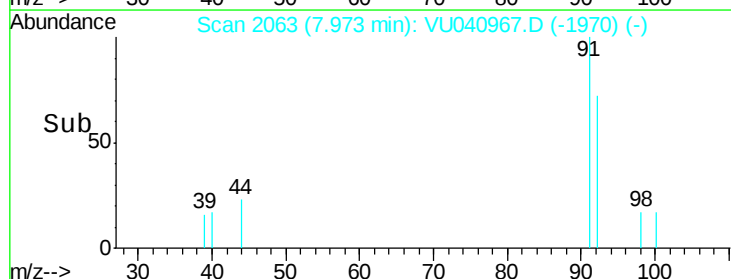
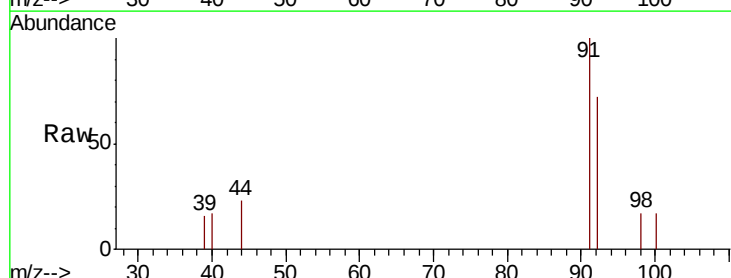
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AN1

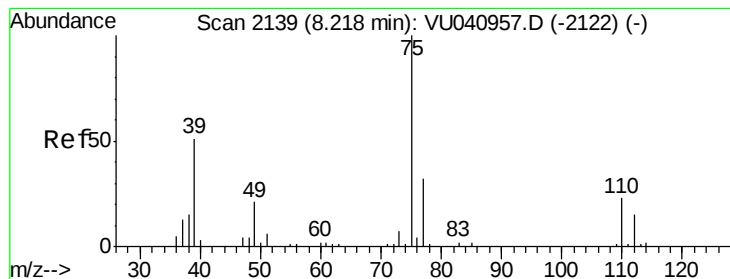
Tot Ion: 75 Resp: 752
 Ion Ratio Lower Upper
 75 100
 77 35.3 22.7 42.3



#42
 Toluene
 Concen: 0.061 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU040967.D
 Acq: 27 Oct 2020 01:30

Tgt Ion: 91 Resp: 1099
 Ion Ratio Lower Upper
 91 100
 92 72.0 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040967.D

Acq: 27 Oct 2020 01:30

Instrument :

MSVOA_U

ClientSampleId :

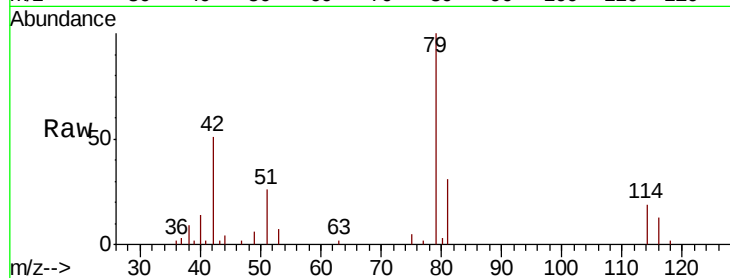
C0AN1

Tot Ion: 75 Resp: 462

Ion Ratio Lower Upper

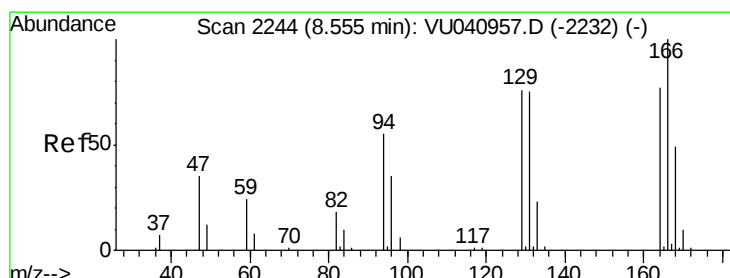
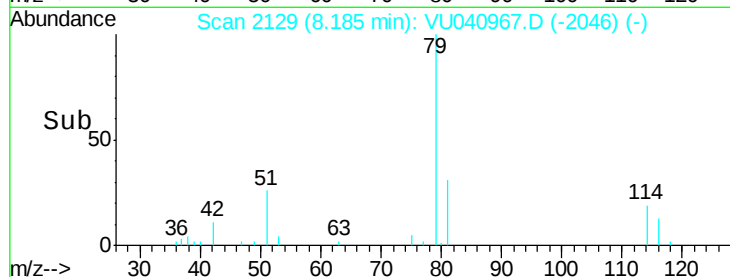
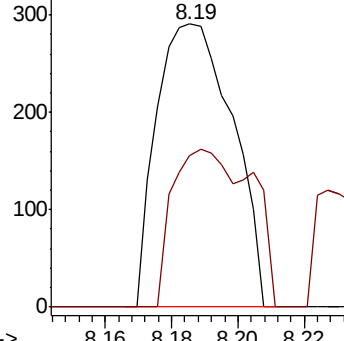
75 100

77 53.6 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: 1.383 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040967.D

Acq: 27 Oct 2020 01:30

Tgt Ion:164 Resp: 4628

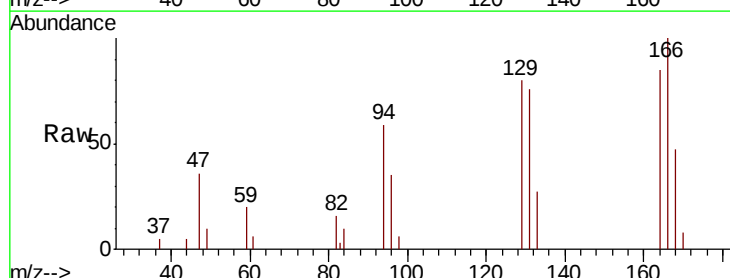
Ion Ratio Lower Upper

164 100

129 93.8 70.3 130.7

131 89.3 70.8 131.4

166 117.0 92.0 170.8

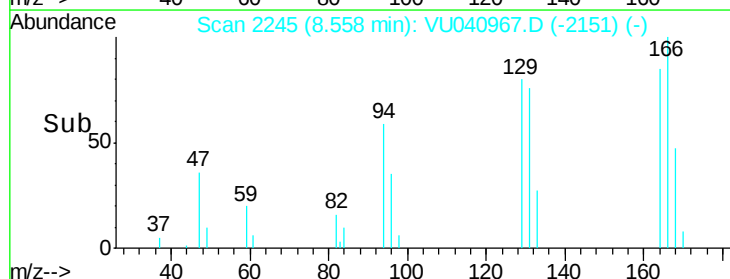
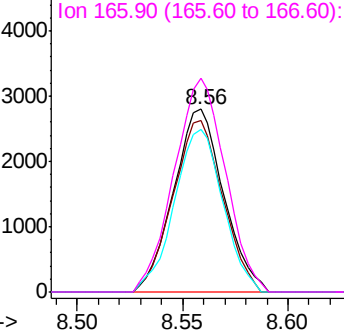


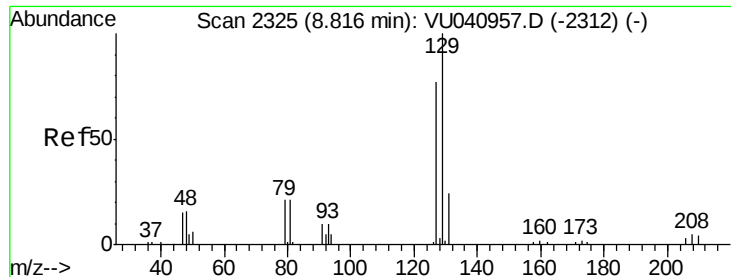
Abundance Ion 163.90 (163.60 to 164.60): V

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





#49

Dibromochloromethane

Concen: 1.030 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.26 min

Lab File: VU040967.D

Acq: 27 Oct 2020 01:30

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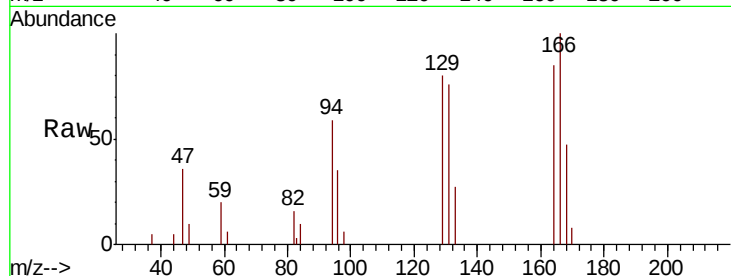
C0AN1

Tot Ion:129 Resp: 4307

Ion Ratio Lower Upper

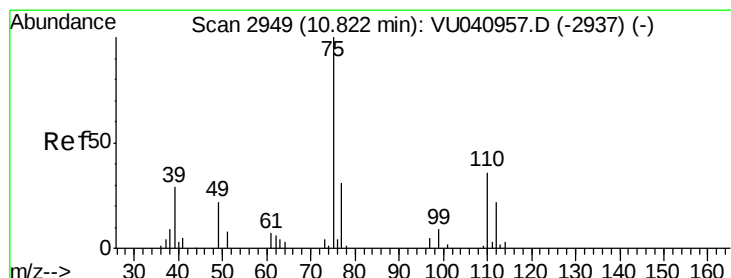
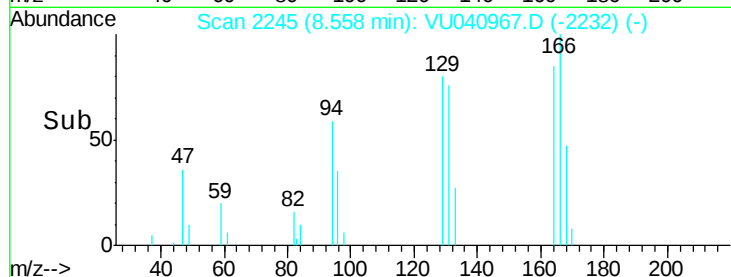
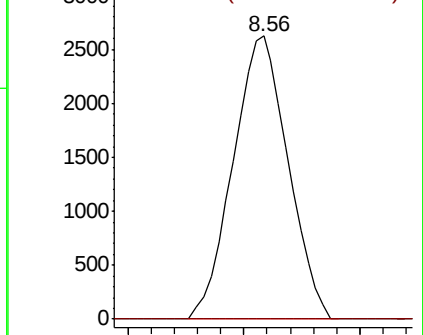
129 100

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: 0.928 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040967.D

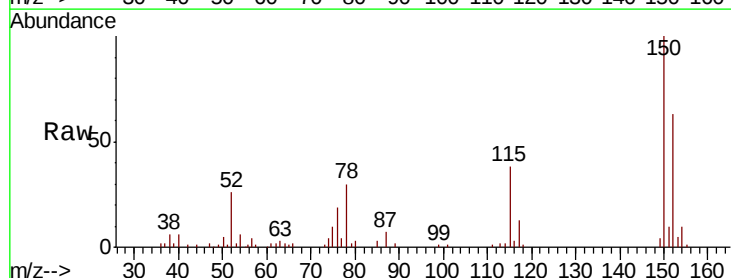
Acq: 27 Oct 2020 01:30

Tgt Ion: 75 Resp: 3346

Ion Ratio Lower Upper

75 100

77 36.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

