

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102720\
 Data File : VU040977.D
 Acq On : 27 Oct 2020 12:43
 Operator : SY/MD
 Sample : L4492-14DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP2DL

Quant Time: Oct 28 02:24:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 28 02:17:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	72545	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	75896	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30595	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23055	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.92	69	18885	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.58	63	35238	2.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.00%#
20) 2-Butanone-d5	4.66	46	80435	40.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.16%
24) Chloroform-d	5.08	84	41010	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
26) 1,2-Dichloroethane-d4	5.72	65	25669	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
32) Benzene-d6	5.74	84	75052	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	6.70	67	25269	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.40%
41) Toluene-d8	7.90	98	59598	3.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.80%#
43) trans-1,3-Dichloropropene-	8.18	79	10021	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.64	63	56073	36.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.72%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22087	3.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	22996	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

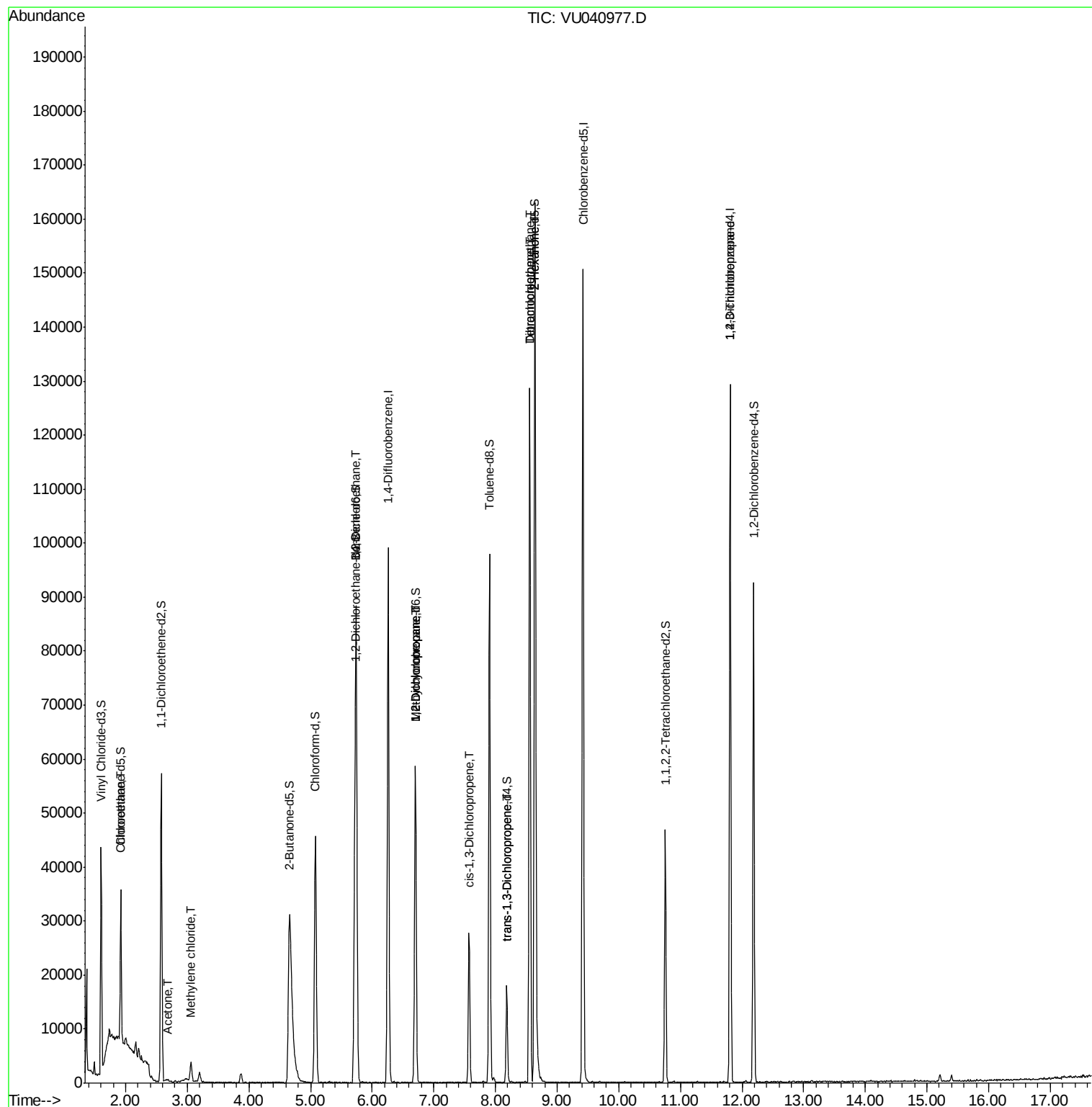
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.91	64	591	0.137	ug/L #	51
13) Acetone	2.68	43	917	0.668	ug/L #	68
16) Methylene chloride	3.06	84	1682	0.282	ug/L	89
27) 1,2-Dichloroethane	5.74	62	395	0.051	ug/L #	74
35) Methylcyclohexane	6.70	83	6043	0.702	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	3044	0.496	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	695	0.082	ug/L #	61
44) trans-1,3-Dichloropropene	8.18	75	426	0.054	ug/L #	80
47) Tetrachloroethene	8.56	164	25870	6.096	ug/L	96
48) 2-Hexanone	8.64	43	7931	2.153	ug/L #	70
49) Dibromochloromethane	8.56	129	25851	4.873	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	4496	0.983	ug/L	92

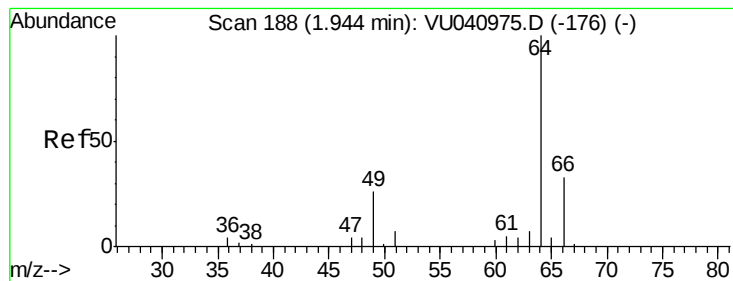
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.137 ug/L

RT: 1.91 min Scan# 177

Delta R.T. -0.04 min

Lab File: VU040977.D

Acq: 27 Oct 2020 12:43

Instrument :

MSVOA_U

ClientSampleId :

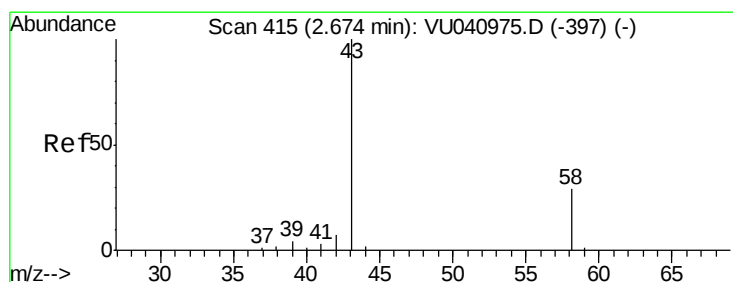
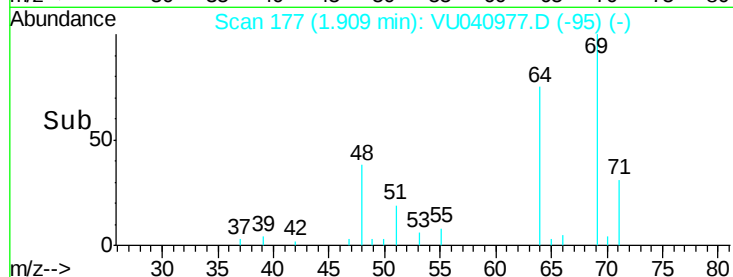
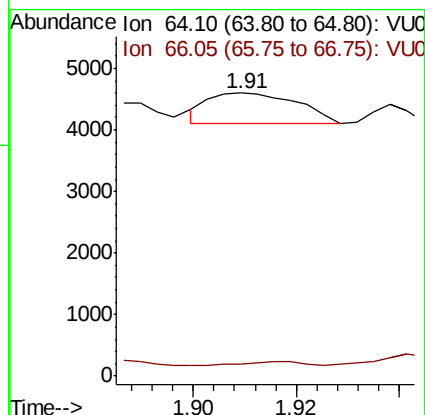
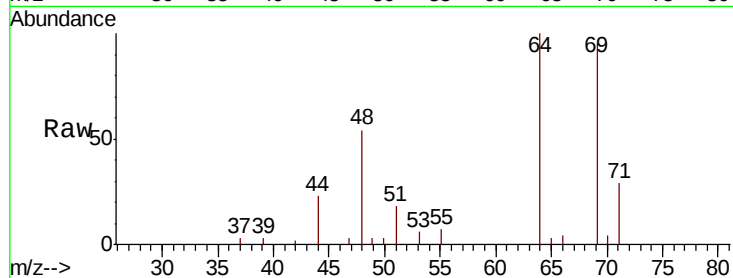
C0AP2DL

Tot Ion: 64 Resp: 591

Ion Ratio Lower Upper

64 100

66 4.4 22.3 41.5#



#13

Acetone

Concen: 0.668 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.01 min

Lab File: VU040977.D

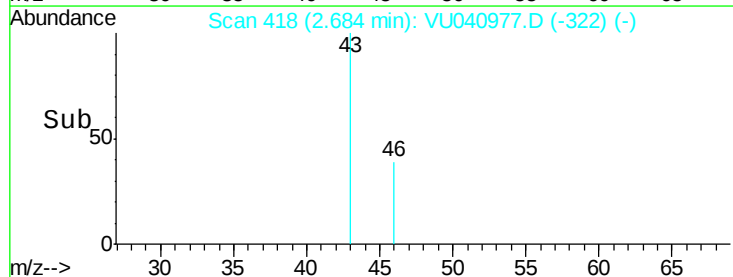
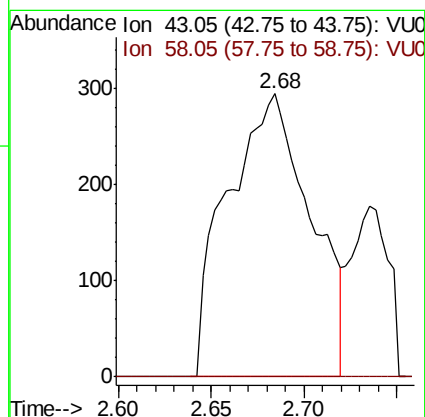
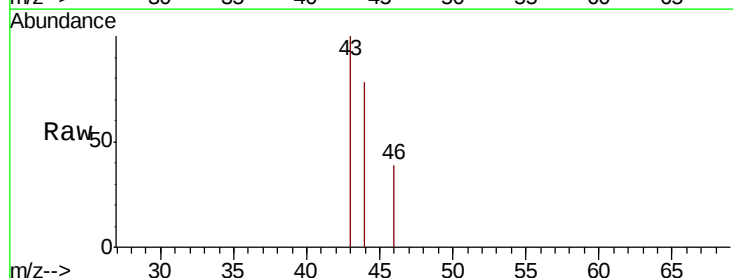
Acq: 27 Oct 2020 12:43

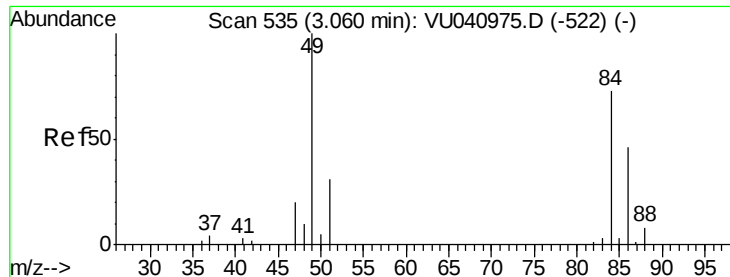
Tgt Ion: 43 Resp: 917

Ion Ratio Lower Upper

43 100

58 0.0 0.0 25.4

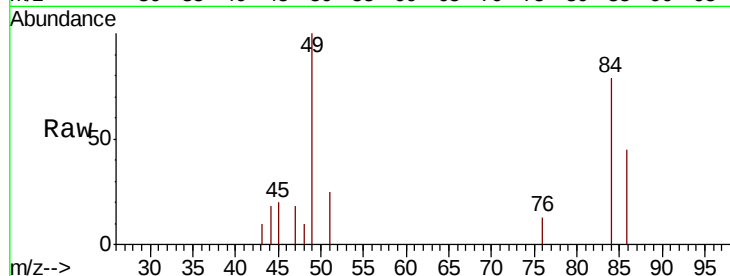




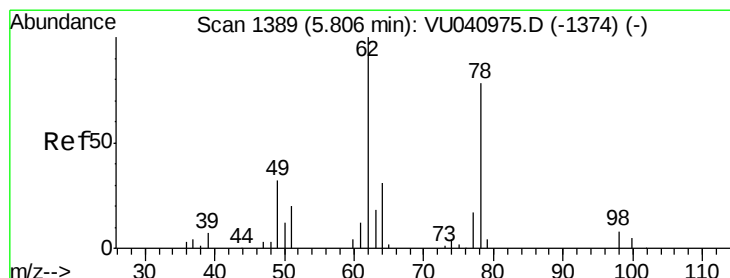
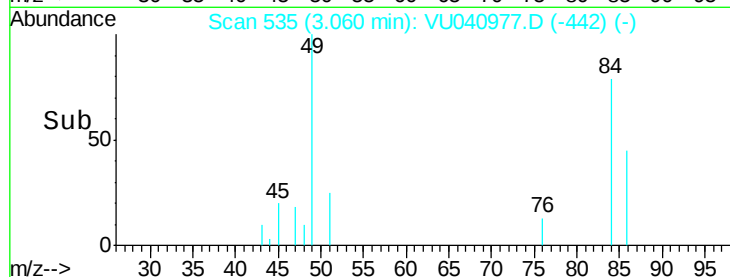
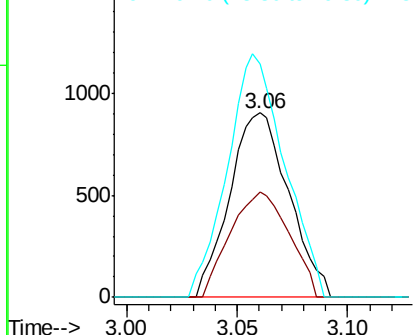
#16
Methylene chloride
Concen: 0.282 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040977.D
Acq: 27 Oct 2020 12:43

Instrument :
MSVOA_U
ClientSampleId :
C0AP2DL

Tot Ion: 84 Resp: 1682
Ion Ratio Lower Upper
84 100
86 57.0 42.8 79.6
49 126.2 99.5 184.7

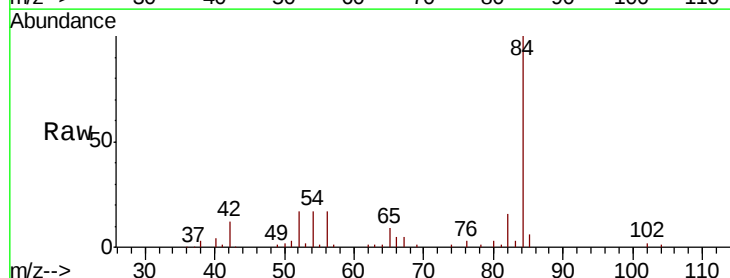


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

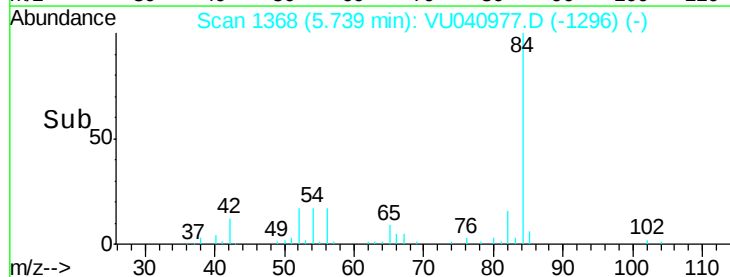
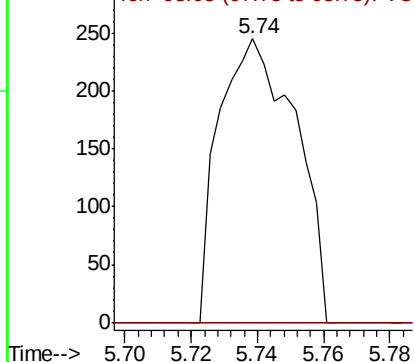


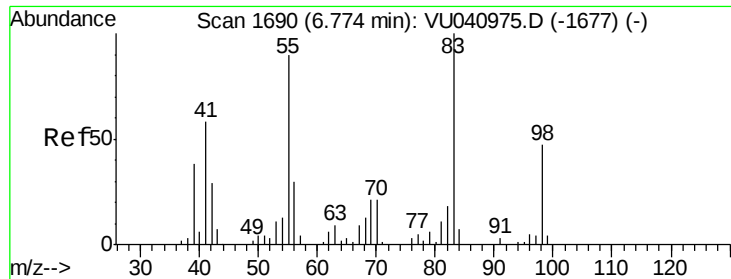
#27
1,2-Dichloroethane
Concen: 0.051 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU040977.D
Acq: 27 Oct 2020 12:43

Tgt Ion: 62 Resp: 395
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0
Ion 98.05 (97.75 to 98.75): VU0

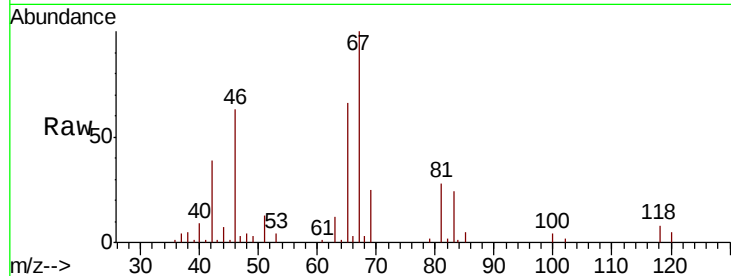




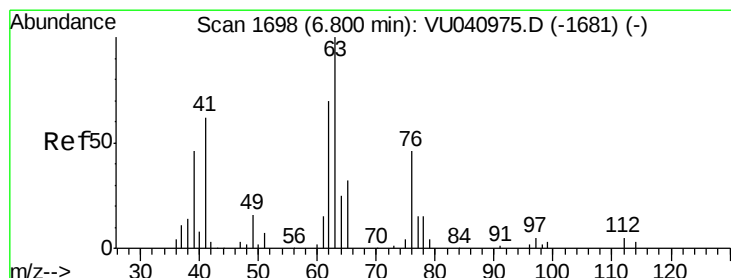
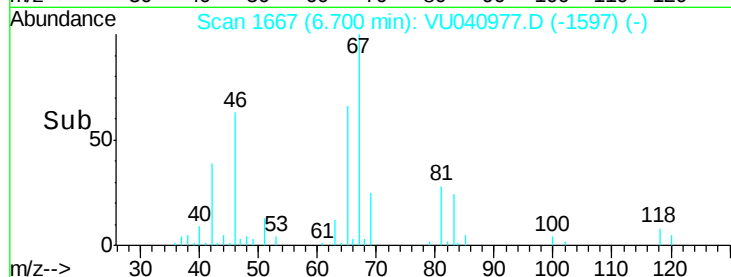
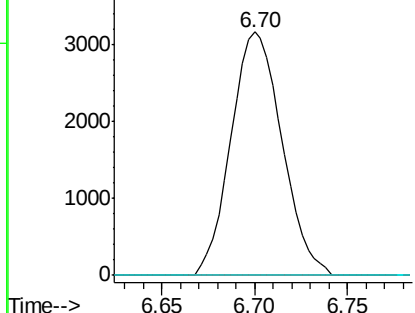
#35
Methvlcvclohexane
Concen: 0.702 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040977.D
Acq: 27 Oct 2020 12:43

Instrument :
MSVOA_U
ClientSampleId :
C0AP2DL

Tot Ion: 83 Resp: 6043
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

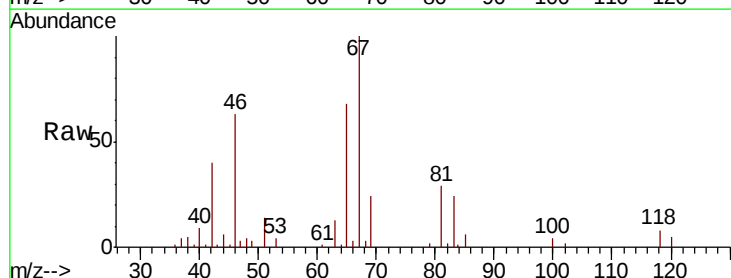


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

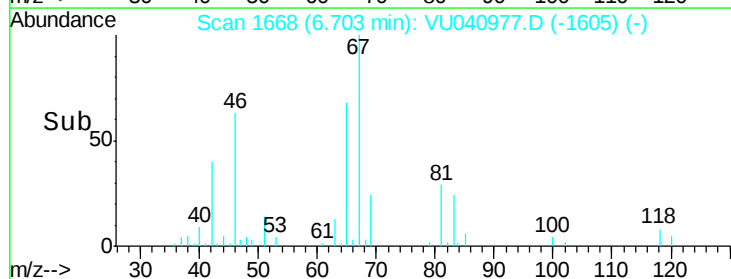
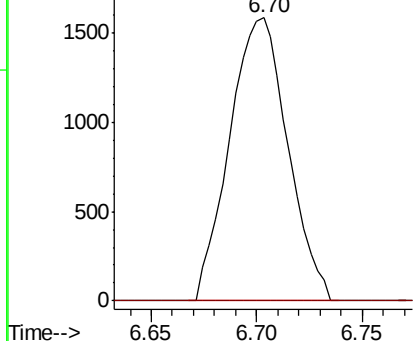


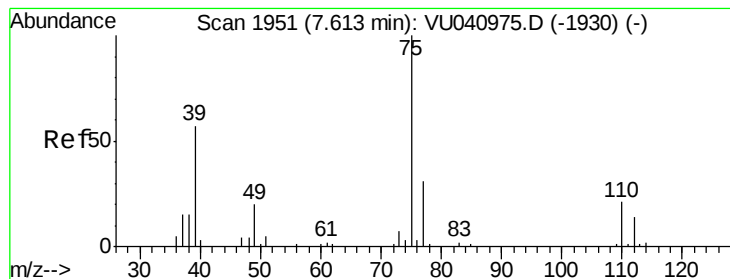
#37
1,2-Dichloropropane
Concen: 0.496 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040977.D
Acq: 27 Oct 2020 12:43

Tgt Ion: 63 Resp: 3044
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: 0.082 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU040977.D

Acq: 27 Oct 2020 12:43

Instrument :

MSVOA_U

ClientSampleId :

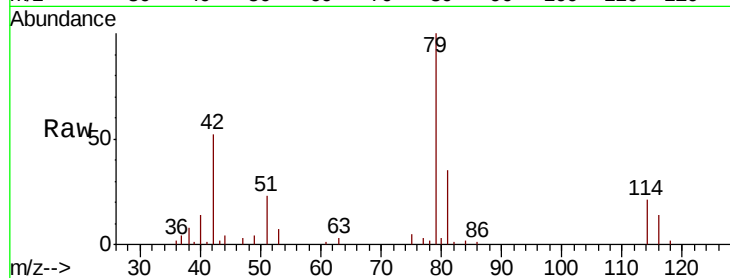
C0AP2DL

Tot Ion: 75 Resp: 695

Ion Ratio Lower Upper

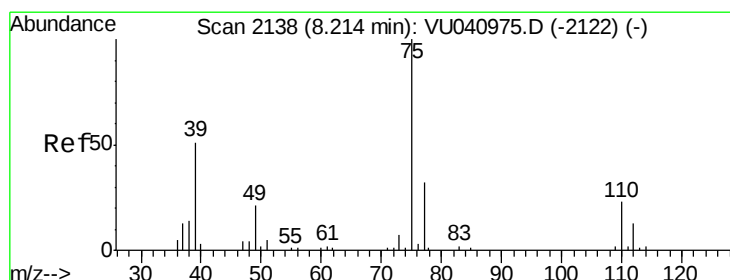
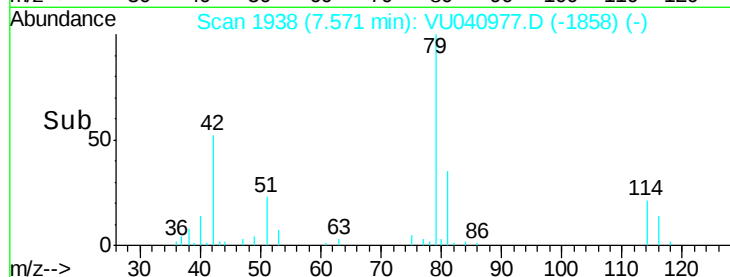
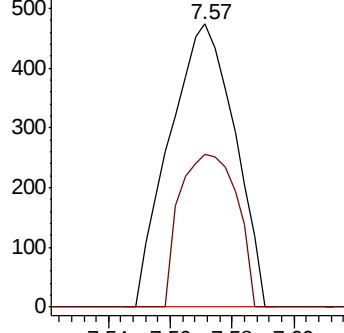
75 100

77 54.1 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.054 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040977.D

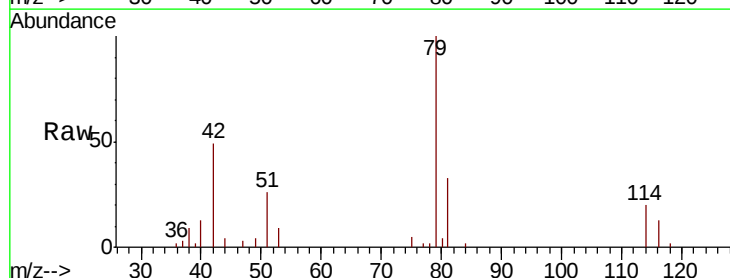
Acq: 27 Oct 2020 12:43

Tgt Ion: 75 Resp: 426

Ion Ratio Lower Upper

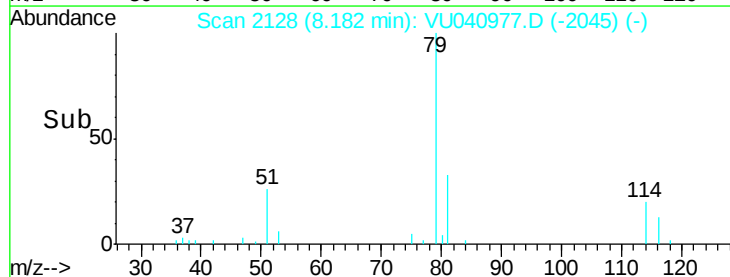
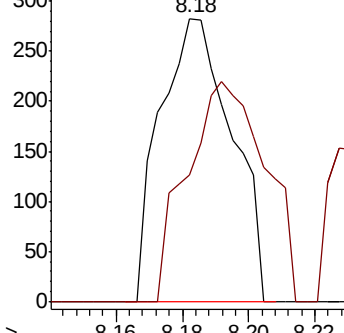
75 100

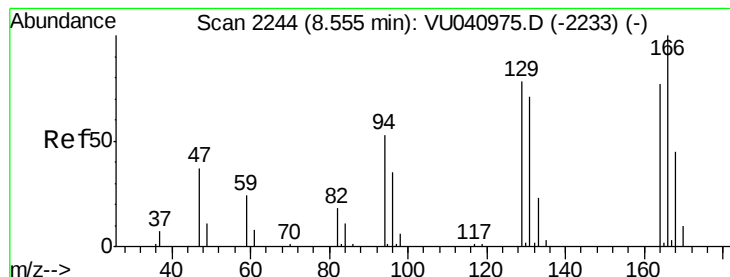
77 44.9 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#47

Tetrachloroethene

Concen: 6.096 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU040977.D

Acq: 27 Oct 2020 12:43

Instrument :

MSVOA_U

ClientSampleId :

C0AP2DL

Tot Ion:164 Resp: 25870

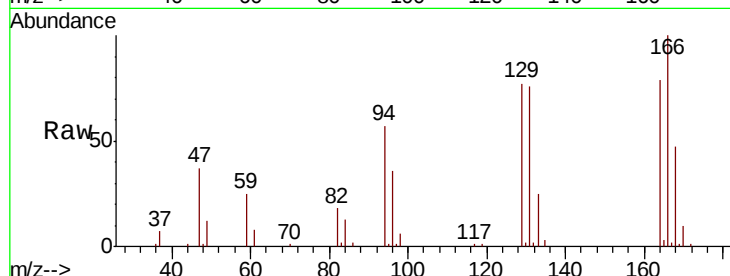
Ion Ratio Lower Upper

164 100

129 98.0 70.3 130.7

131 96.3 70.8 131.4

166 126.6 92.0 170.8

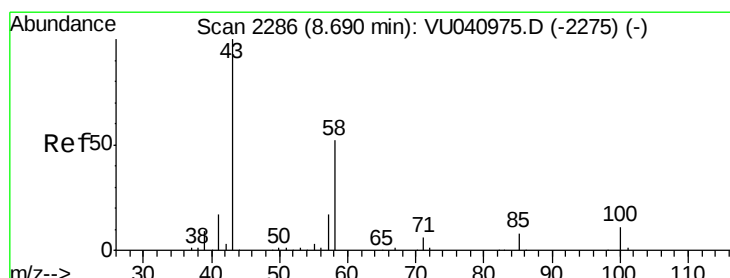
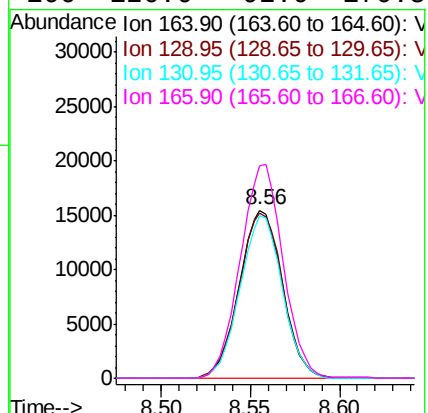
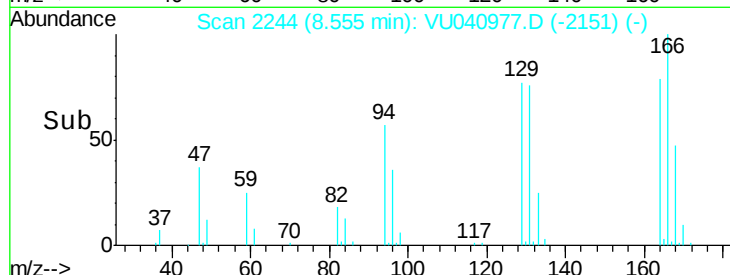


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.153 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040977.D

Acq: 27 Oct 2020 12:43

Tgt Ion: 43 Resp: 7931

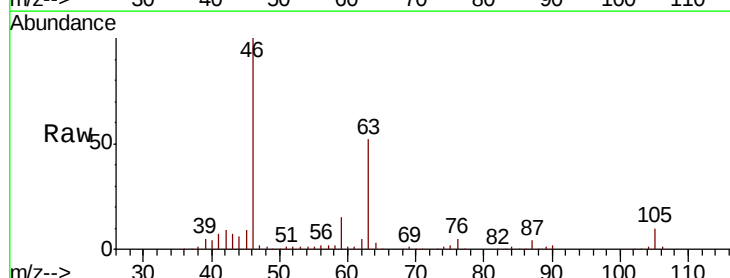
Ion Ratio Lower Upper

43 100

58 30.7 41.4 62.2#

57 31.6 14.6 21.8#

100 0.0 8.3 12.5#

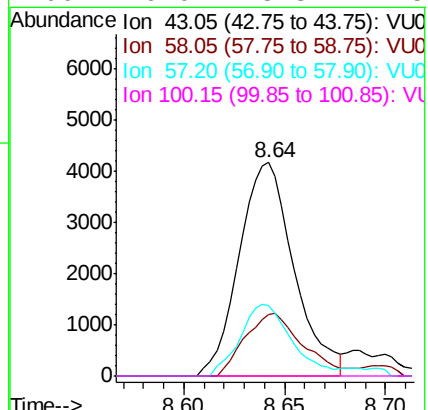
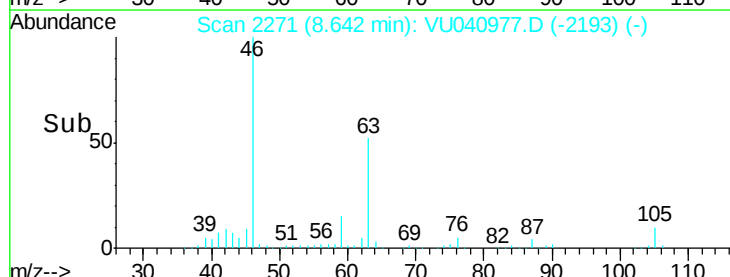


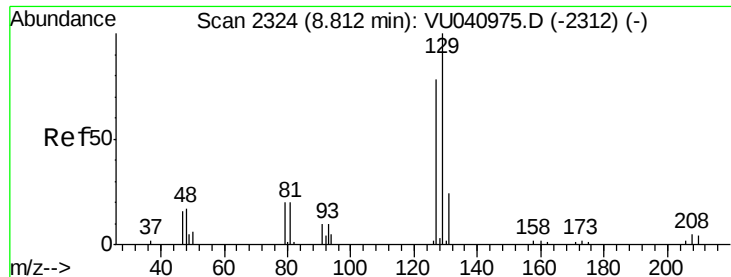
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

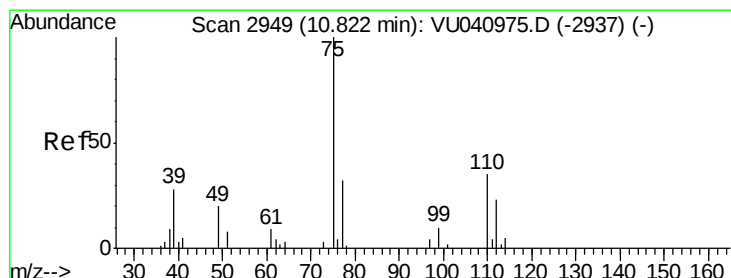
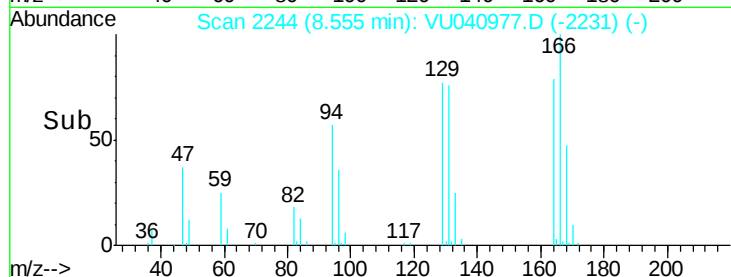
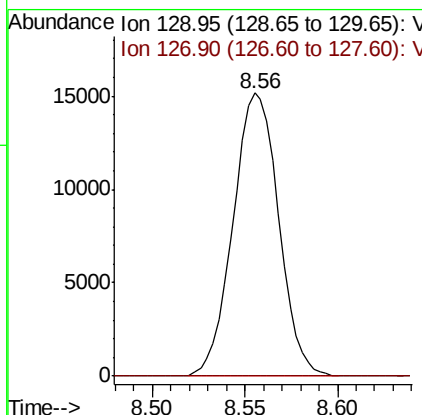
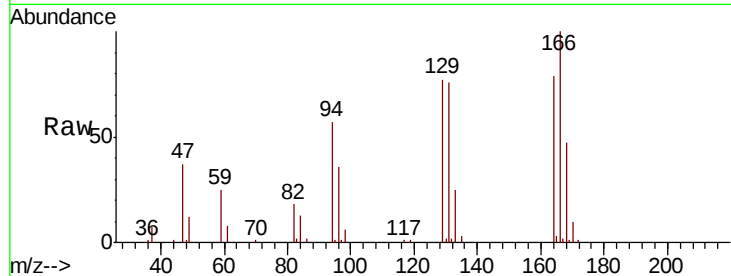




#49
 Dibromochloromethane
 Concen: 4.873 ug/L
 RT: 8.56 min Scan# 2244
 Delta R.T. -0.26 min
 Lab File: VU040977.D
 Acq: 27 Oct 2020 12:43

Instrument :
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 C0AP2DL

Tot Ion:129 Resp: 25851
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.4 99.2#



#59
 1,2,3-Trichloropropane
 Concen: 0.983 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU040977.D
 Acq: 27 Oct 2020 12:43

Tgt Ion: 75 Resp: 4496
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.7 38.5

