

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040955.D
 Acq On : 26 Oct 2020 19:30
 Operator : SY/MD
 Sample : L4492-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP1

Quant Time: Oct 27 03:17:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	53364	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53902	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14039	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.92	69	14171	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	2.58	63	23808	2.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.20%#
20) 2-Butanone-d5	4.66	46	85784	58.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.22%
24) Chloroform-d	5.08	84	38008	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.72	65	24034	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.74	84	64220	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.70	67	22987	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.91	98	48080	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	8.19	79	8477	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.64	63	58697	53.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22785	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	20772	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

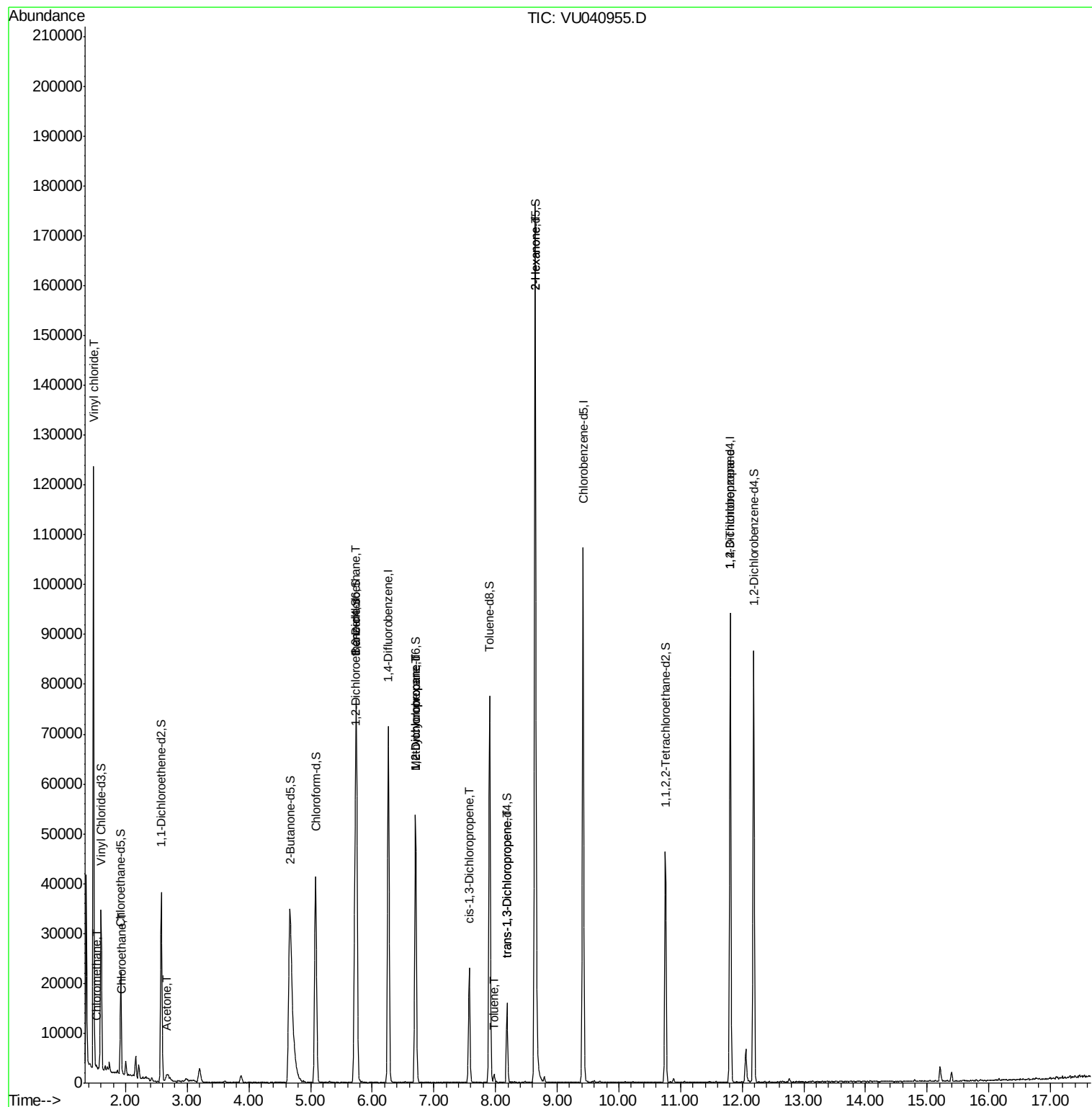
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	372	0.073	ug/L	94
5) Vinyl chloride	1.48	62	1086	0.217	ug/L #	60
8) Chloroethane	1.94	64	321	0.101	ug/L #	43
13) Acetone	2.66	43	1420	1.407	ug/L	80
27) 1,2-Dichloroethane	5.74	62	345	0.060	ug/L #	74
35) Methylcyclohexane	6.71	83	5661	0.926	ug/L #	13
37) 1,2-Dichloropropane	6.70	63	2575	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	537	0.089	ug/L	85
42) Toluene	7.98	91	1359	0.083	ug/L	85
44) trans-1,3-Dichloropropene	8.19	75	486	0.087	ug/L	99
48) 2-Hexanone	8.64	43	8199	3.134	ug/L #	75
59) 1,2,3-Trichloropropane	11.81	75	3155	0.971	ug/L	89

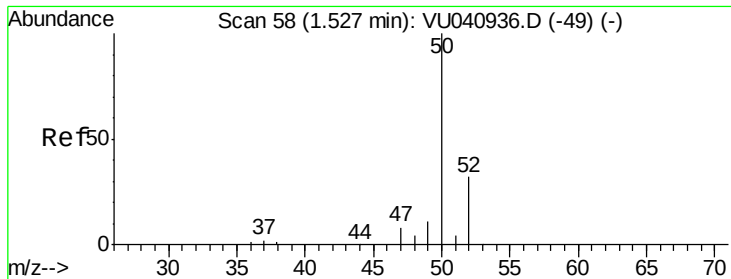
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.073 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040955.D

Acq: 26 Oct 2020 19:30

Instrument :

MSVOA_U

ClientSampleId :

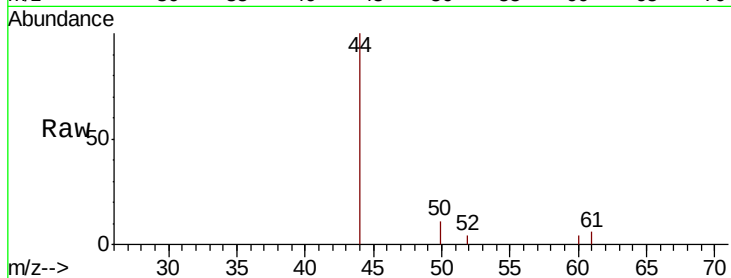
C0AP1

Tot Ion: 50 Resp: 372

Ion Ratio Lower Upper

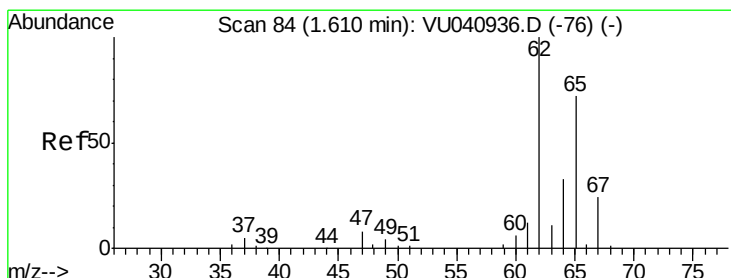
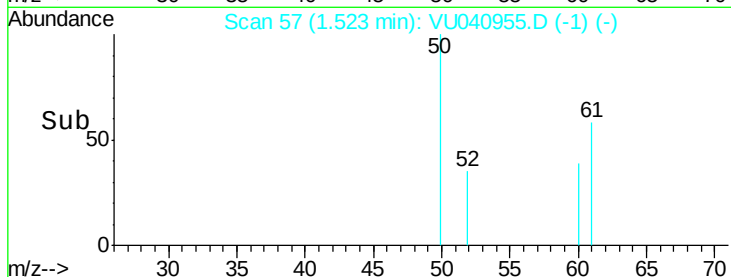
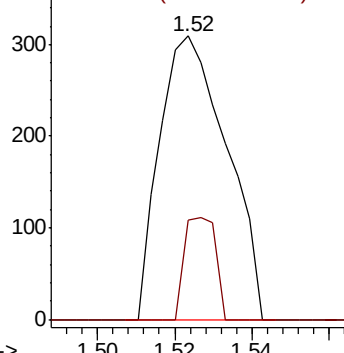
50 100

52 35.3 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#5

Vinyl chloride

Concen: 0.217 ug/L

RT: 1.48 min Scan# 43

Delta R.T. -0.13 min

Lab File: VU040955.D

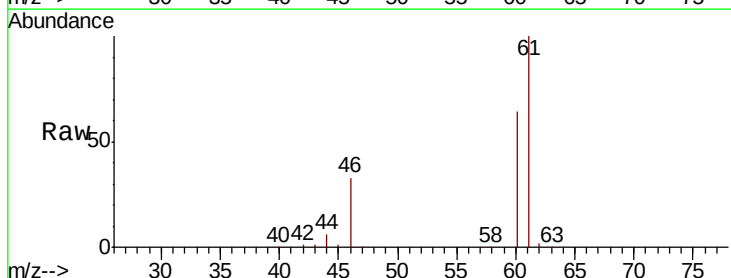
Acq: 26 Oct 2020 19:30

Tgt Ion: 62 Resp: 1086

Ion Ratio Lower Upper

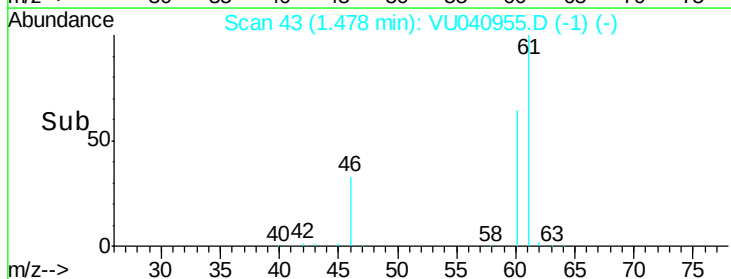
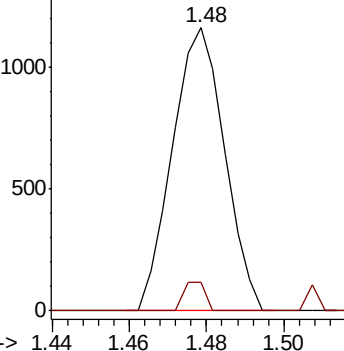
62 100

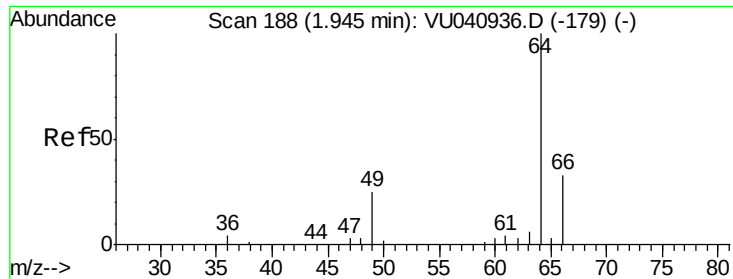
64 10.2 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

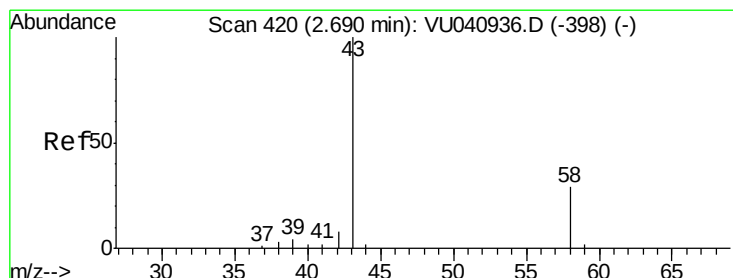
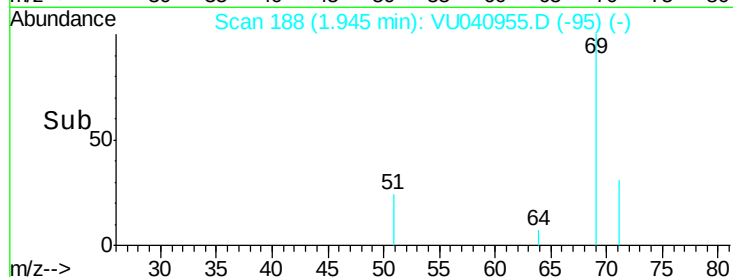
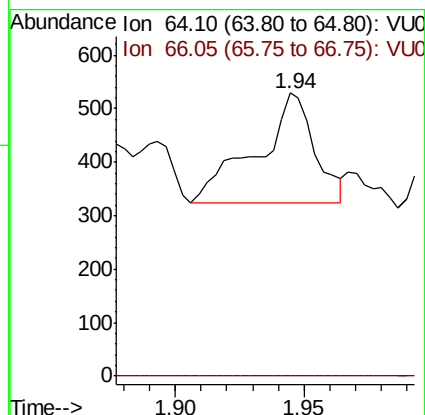
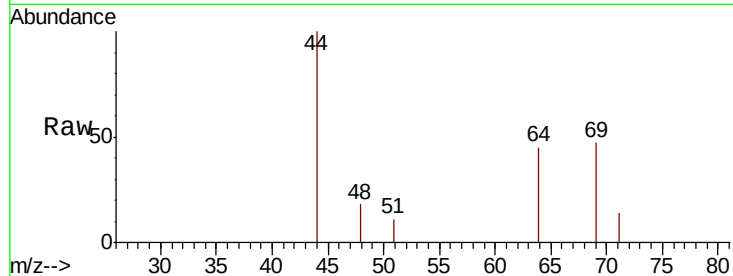




#8
 Chloroethane
 Concen: 0.101 ug/L
 RT: 1.94 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VU040955.D
 Acq: 26 Oct 2020 19:30

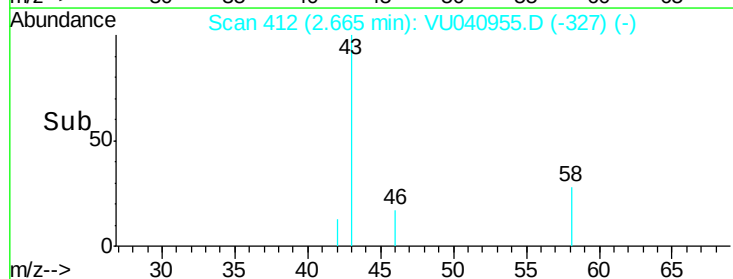
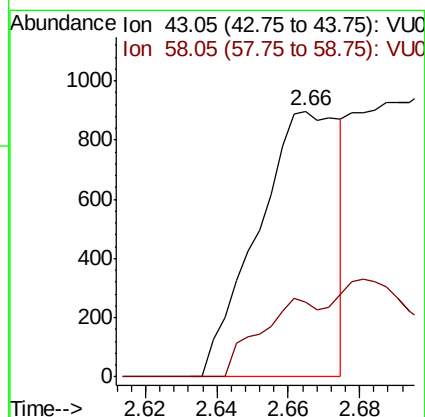
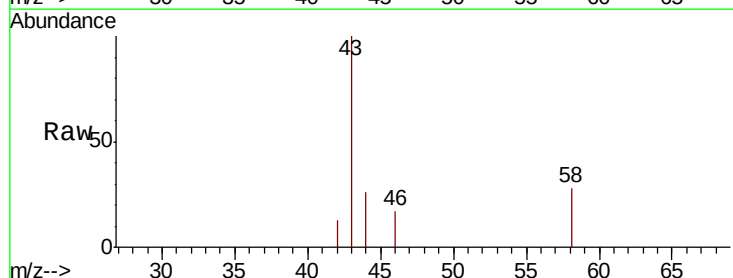
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP1

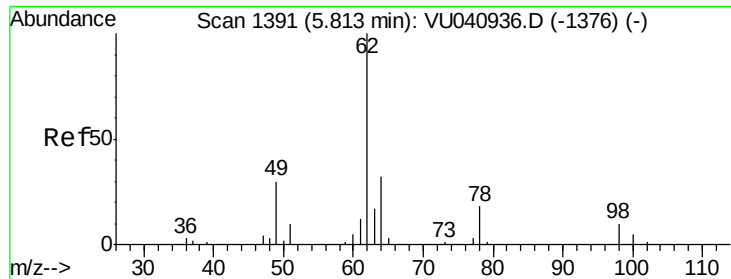
Tot Ion: 64 Resp: 321
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.3 41.5#



#13
 Acetone
 Concen: 1.407 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. -0.03 min
 Lab File: VU040955.D
 Acq: 26 Oct 2020 19:30

Tgt Ion: 43 Resp: 1420
 Ion Ratio Lower Upper
 43 100
 58 20.7 0.0 25.4

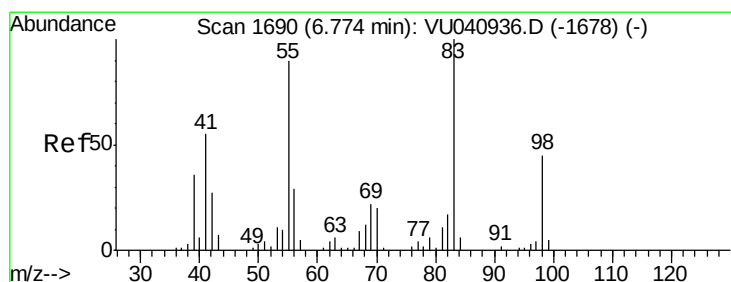
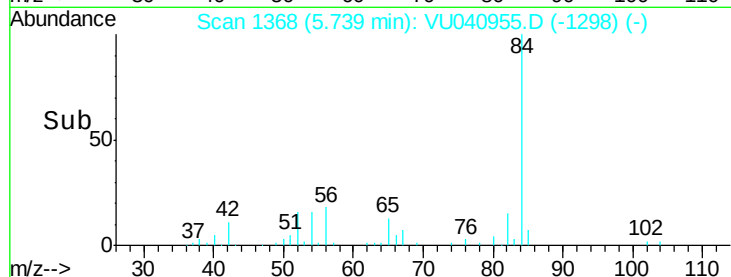
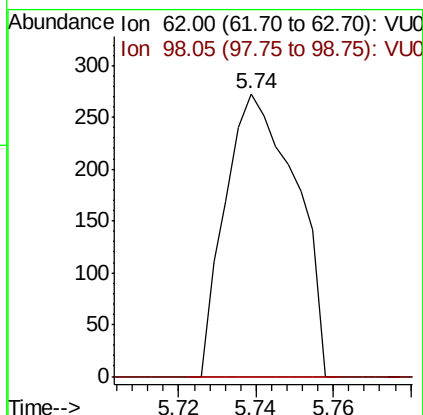
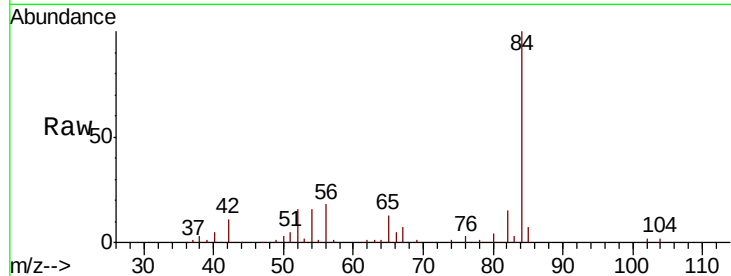




#27
 1,2-Dichloroethane
 Concen: 0.060 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU040955.D
 Acq: 26 Oct 2020 19:30

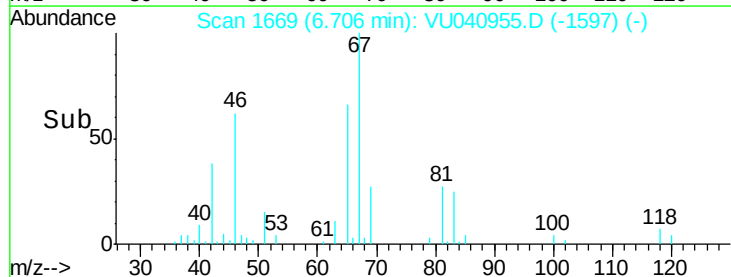
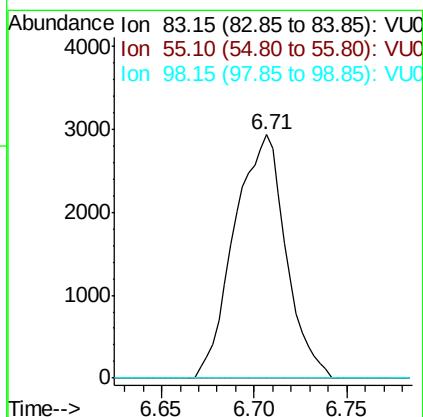
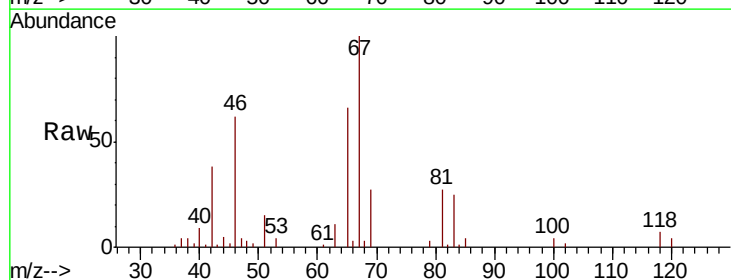
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP1

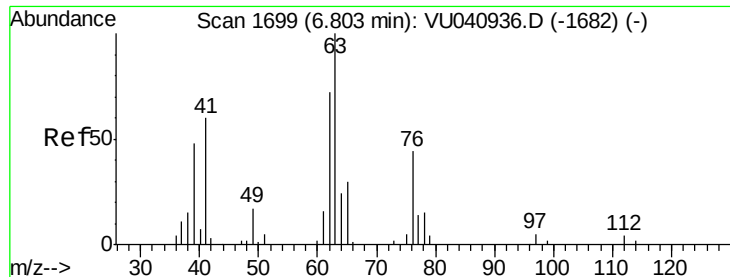
Tot Ion: 62 Resp: 345
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 0.926 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.07 min
 Lab File: VU040955.D
 Acq: 26 Oct 2020 19:30

Tgt Ion: 83 Resp: 5661
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.0 108.0#
 98 0.0 36.6 55.0#

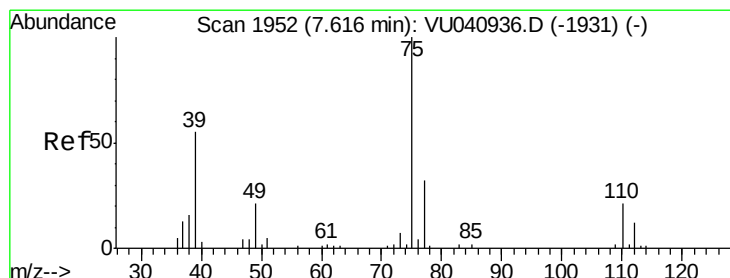
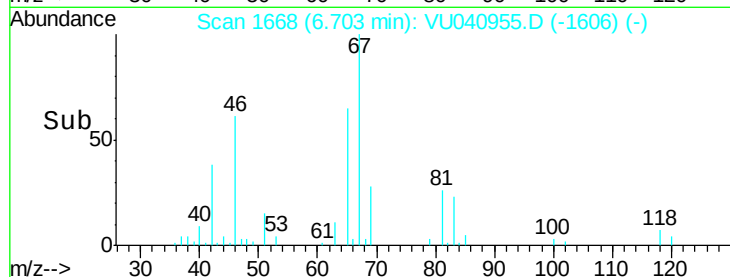
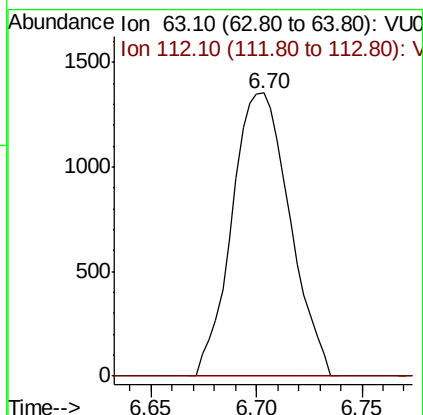
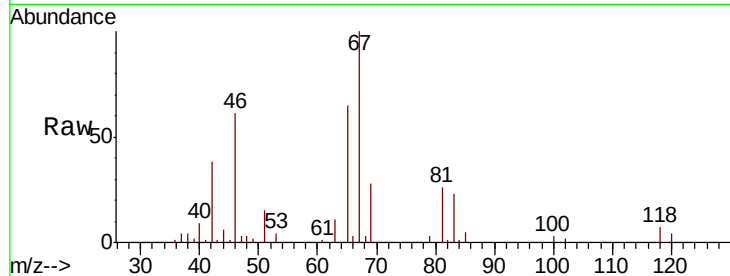




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040955.D
 Acq: 26 Oct 2020 19:30

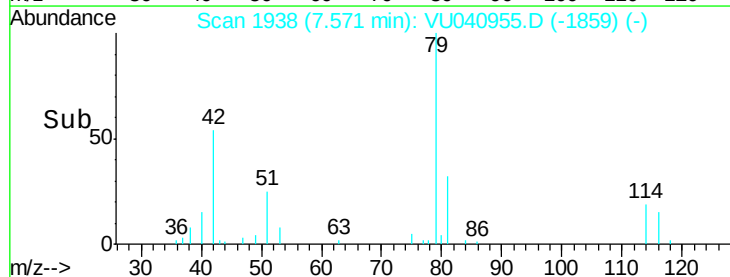
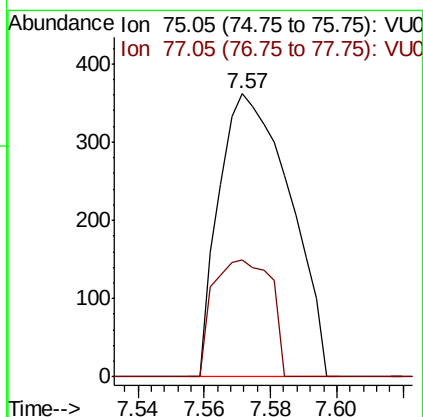
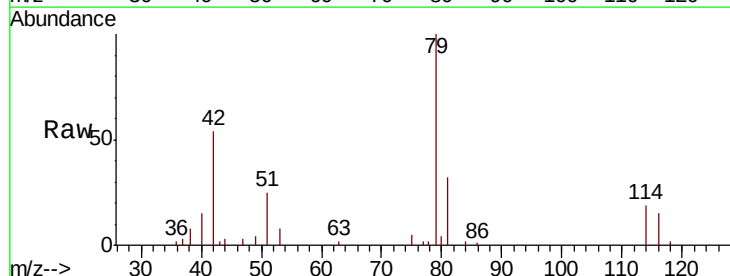
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP1

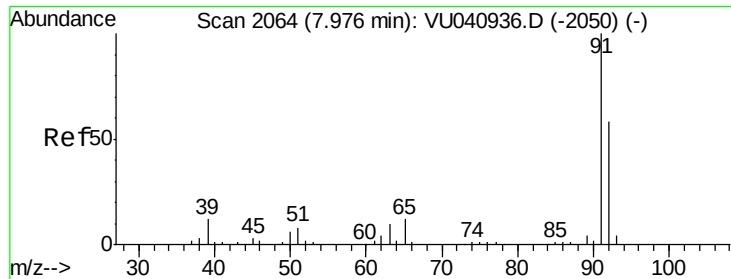
Tot Ion: 63 Resp: 2575
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040955.D
 Acq: 26 Oct 2020 19:30

Tgt Ion: 75 Resp: 537
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.7 42.3





#42

Toluene

Concen: 0.083 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040955.D

Acq: 26 Oct 2020 19:30

Instrument :

MSVOA_U

ClientSampleId :

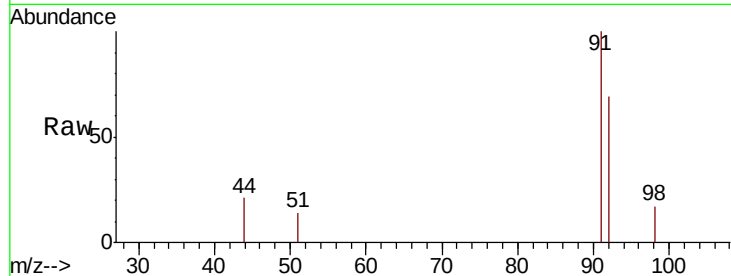
C0AP1

Tot Ion: 91 Resp: 1359

Ion Ratio Lower Upper

91 100

92 68.9 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU040936.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU040936.D (-2050) (-)

7.98

800

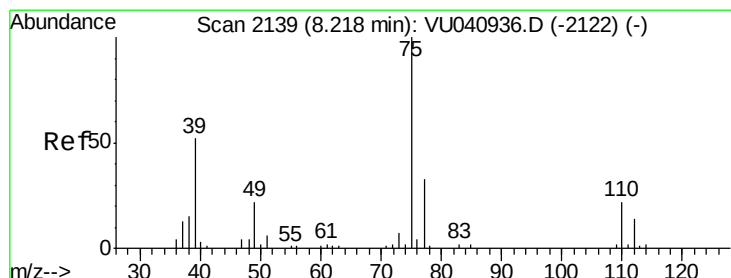
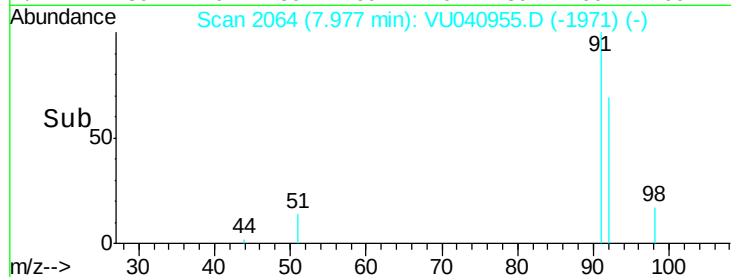
600

400

200

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040955.D

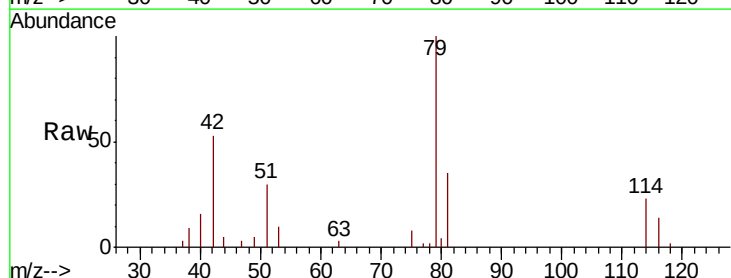
Acq: 26 Oct 2020 19:30

Tgt Ion: 75 Resp: 486

Ion Ratio Lower Upper

75 100

77 32.5 23.3 43.3



Abundance Ion 75.05 (74.75 to 75.75): VU040936.D (-2122) (-)

Ion 77.05 (76.75 to 77.75): VU040936.D (-2122) (-)

8.19

400

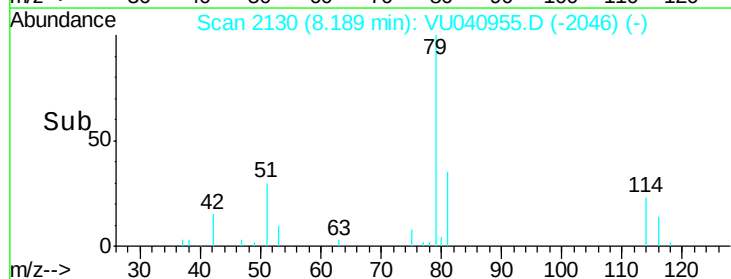
300

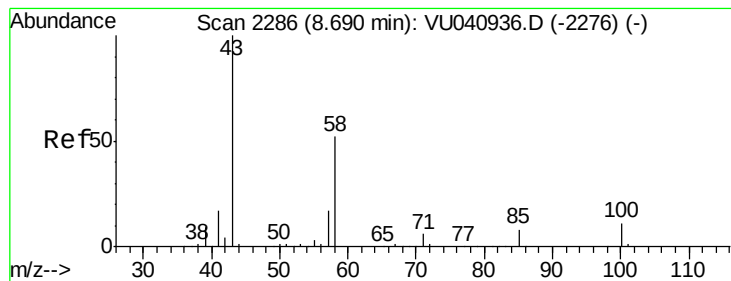
200

100

0

Time-->





#48

2-Hexanone

Concen: 3.134 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040955.D

Acq: 26 Oct 2020 19:30

Instrument :

MSVOA_U

ClientSampleId :

C0AP1

Tot Ion: 43 Resp: 8199

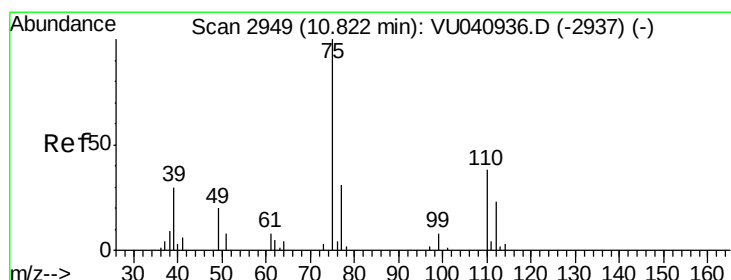
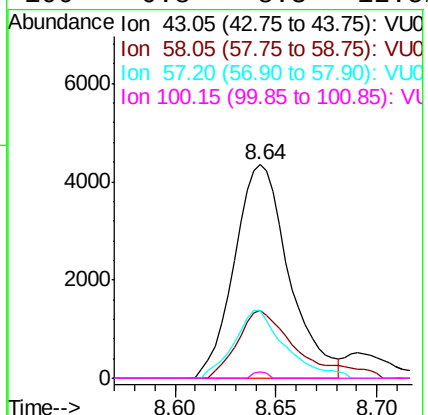
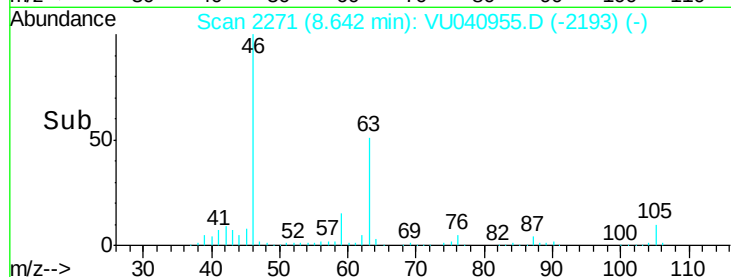
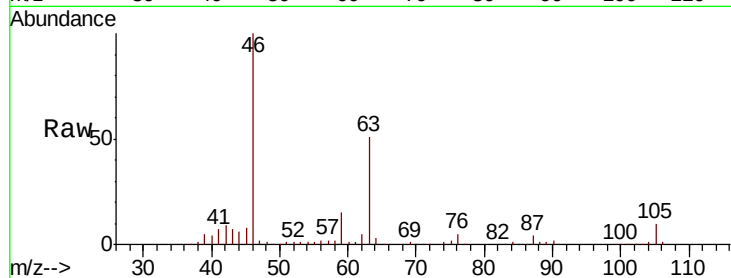
Ion Ratio Lower Upper

43 100

58 34.6 41.4 62.2#

57 29.9 14.6 21.8#

100 0.8 8.3 12.5#



#59

1,2,3-Trichloropropane

Concen: 0.971 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040955.D

Acq: 26 Oct 2020 19:30

Tgt Ion: 75 Resp: 3155

Ion Ratio Lower Upper

75 100

77 38.2 25.7 38.5

