

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040425.D
 Acq On : 01 Oct 2020 15:22
 Operator : SY/MD
 Sample : L4185-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR2

Quant Time: Oct 02 03:22:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120172	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24477	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.92	69	25086	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.58	63	40530	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.66	46	156066	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	5.08	84	69189	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	43106	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.74	84	115543	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.70	67	43567	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.91	98	88777	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	15826	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.64	63	105719	48.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41277	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	42859	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

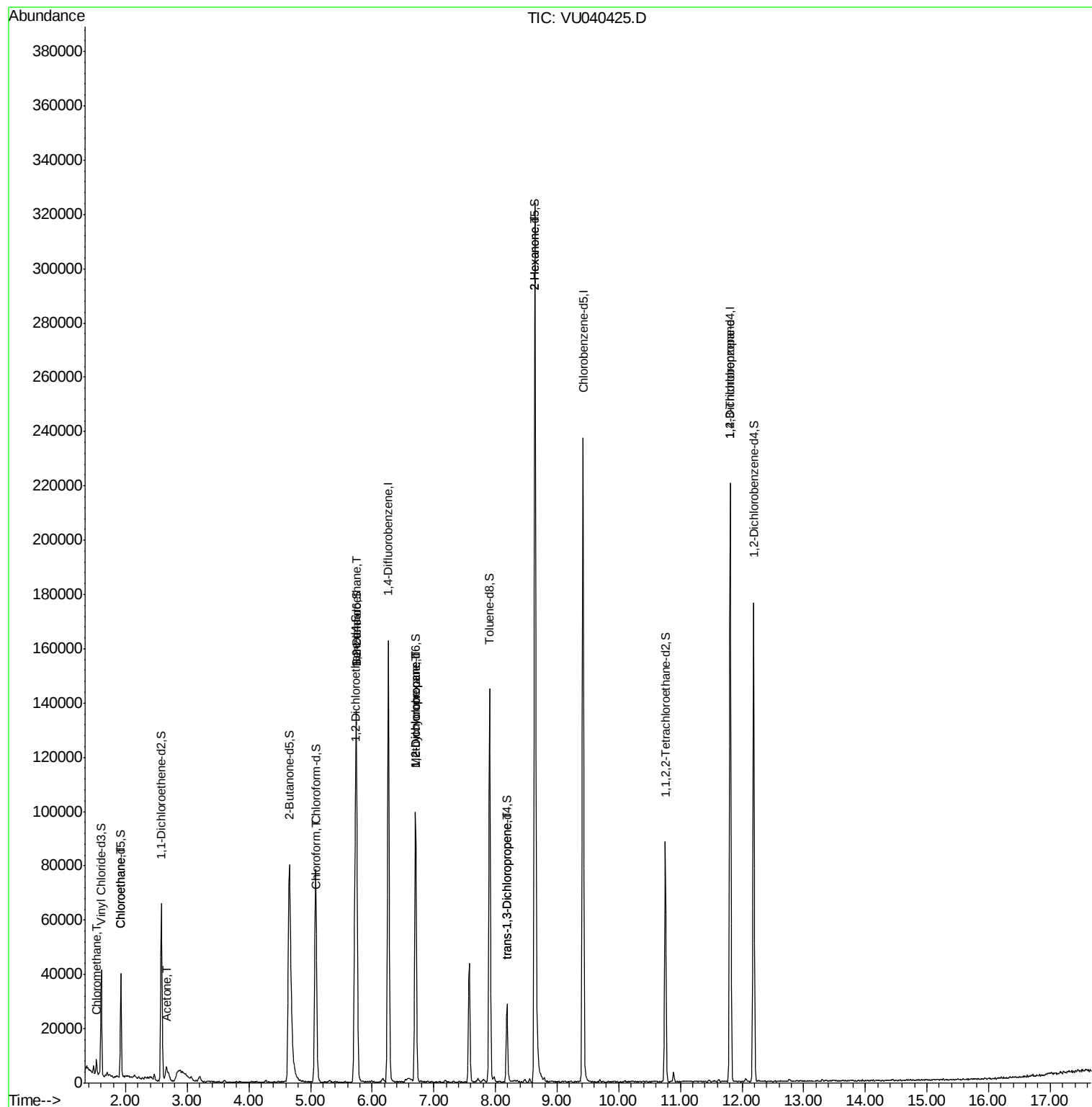
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	3804	0.322	ug/L	96
8) Chloroethane	1.93	64	235	0.034	ug/L #	44
13) Acetone	2.66	43	11057	4.490	ug/L	68
25) Chloroform	5.11	83	1657	0.084	ug/L #	70
27) 1,2-Dichloroethane	5.74	62	625	0.046	ug/L #	74
35) Methylcyclohexane	6.70	83	9995	0.619	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5520	0.478	ug/L #	88
44) trans-1,3-Dichloropropene	8.19	75	712	0.050	ug/L	85
48) 2-Hexanone	8.64	43	15578	2.338	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7609	0.909	ug/L	94

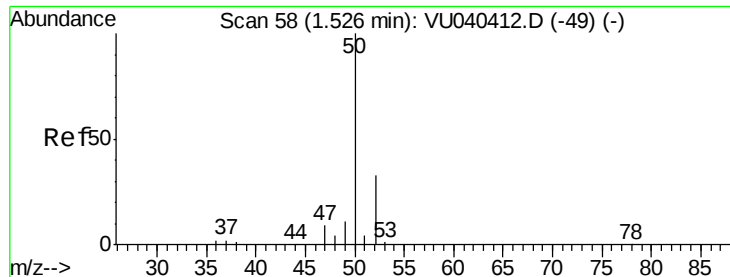
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 02 03:13:35 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.322 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040425.D

Acq: 01 Oct 2020 15:22

Instrument :

MSVOA_U

ClientSampleId :

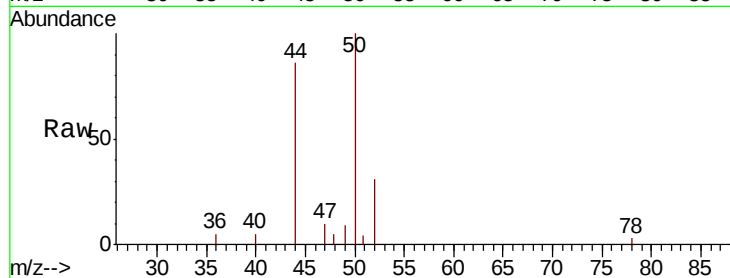
C0AR2

Tot Ion: 50 Resp: 3804

Ion Ratio Lower Upper

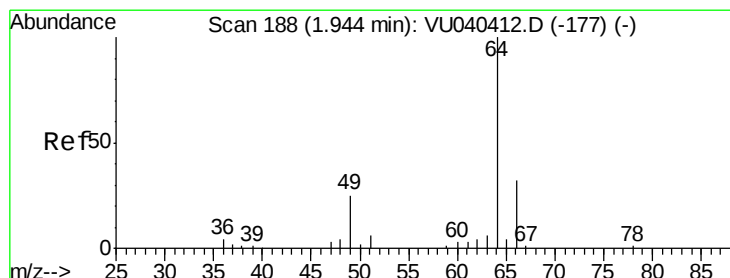
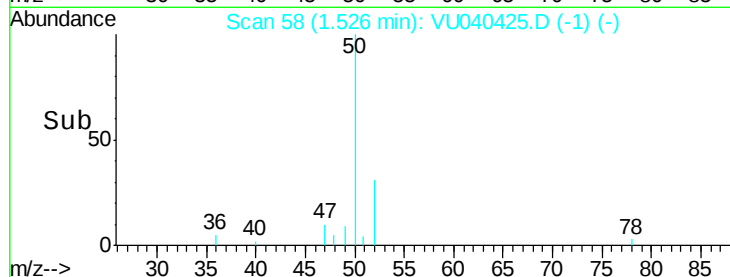
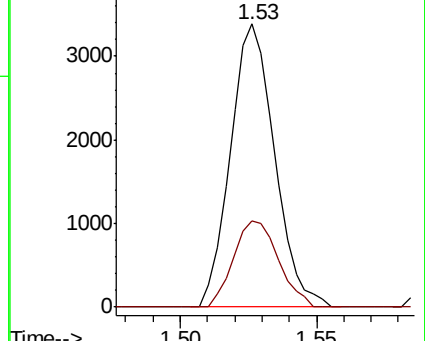
50 100

52 30.7 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU040425.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU040425.D (-1) (-)



#8

Chloroethane

Concen: 0.034 ug/L

RT: 1.93 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU040425.D

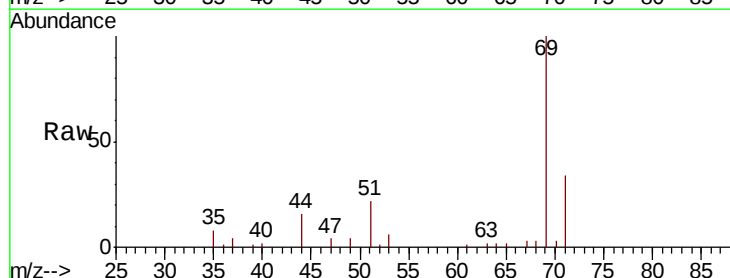
Acq: 01 Oct 2020 15:22

Tgt Ion: 64 Resp: 235

Ion Ratio Lower Upper

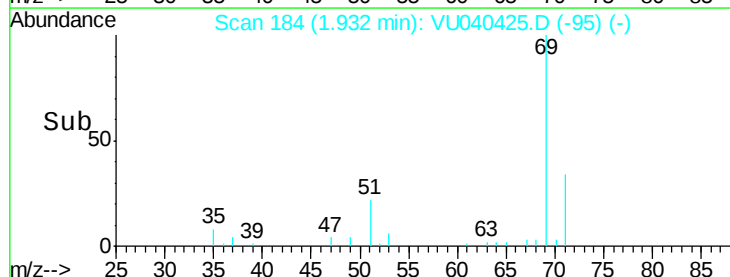
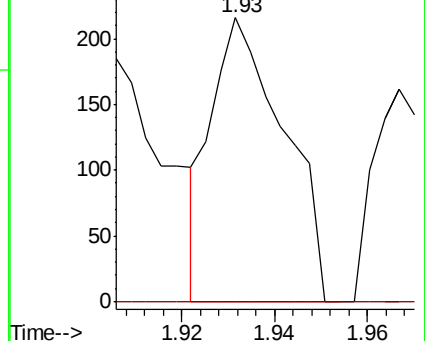
64 100

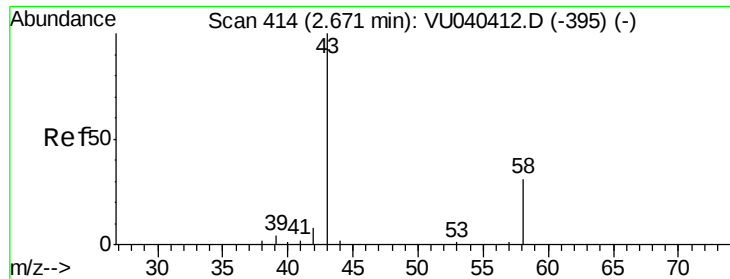
66 0.0 21.3 39.6#



Abundance Ion 64.10 (63.80 to 64.80): VU040425.D (-95) (-)

Ion 66.05 (65.75 to 66.75): VU040425.D (-95) (-)





#13

Acetone

Concen: 4.490 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU040425.D

Acq: 01 Oct 2020 15:22

Instrument :

MSVOA_U

ClientSampleId :

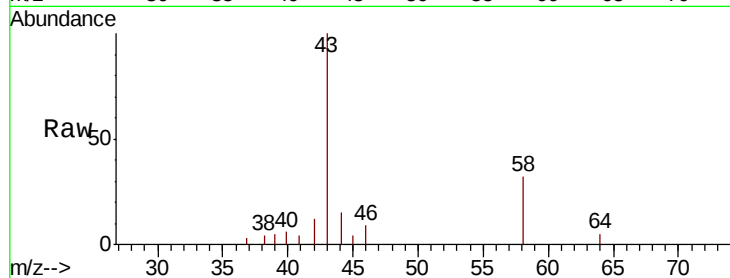
C0AR2

Tot Ion: 43 Resp: 11057

Ion Ratio Lower Upper

43 100

58 13.4 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU040412.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040412.D (-395) (-)

2.66

3000

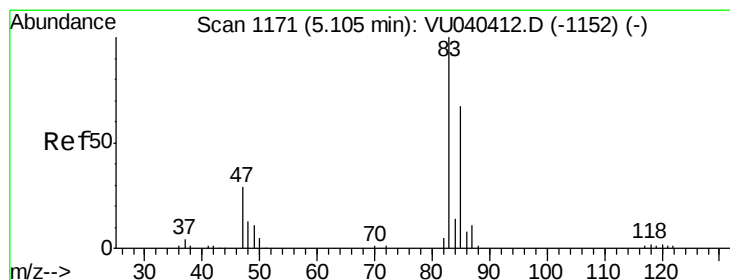
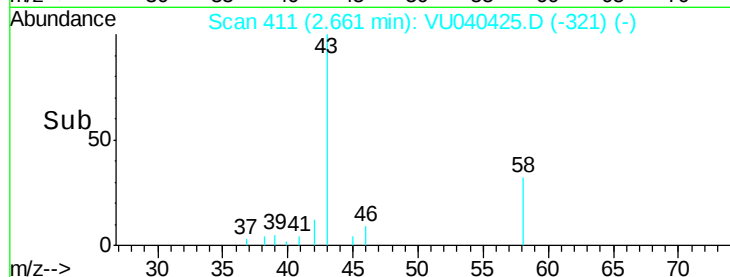
2000

1000

0

Time-->

2.60 2.70 2.80



#25

Chloroform

Concen: 0.084 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040425.D

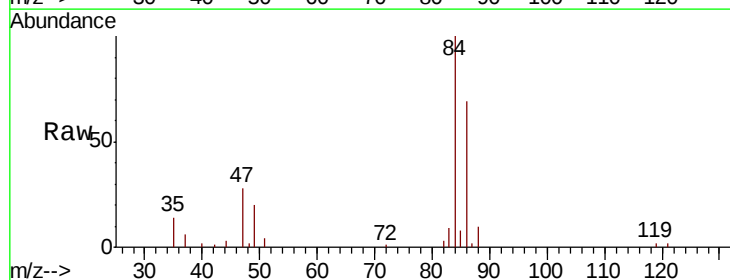
Acq: 01 Oct 2020 15:22

Tgt Ion: 83 Resp: 1657

Ion Ratio Lower Upper

83 100

85 87.4 44.6 82.8#



Abundance Ion 83.05 (82.75 to 83.75): VU040412.D (-1152) (-)

Ion 85.00 (84.70 to 85.70): VU040412.D (-1152) (-)

5.11

1000

800

600

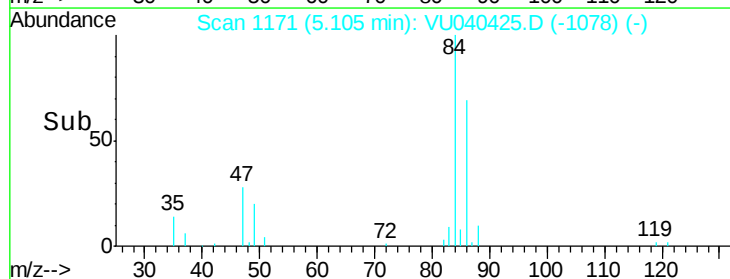
400

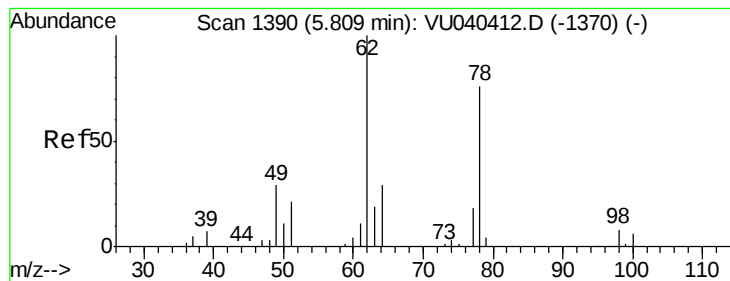
200

0

Time-->

5.10 5.15





#27

1,2-Dichloroethane

Concen: 0.046 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.07 min

Lab File: VU040425.D

Acq: 01 Oct 2020 15:22

Instrument :

MSVOA_U

ClientSampleId :

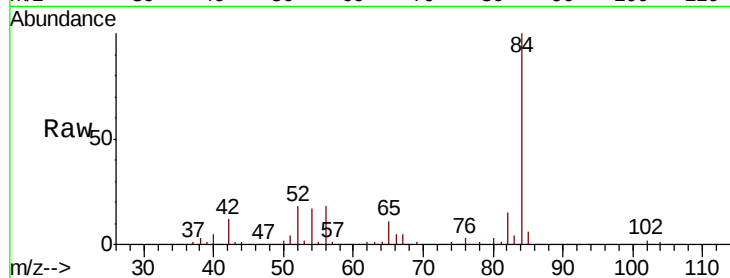
C0AR2

Tot Ion: 62 Resp: 625

Ion Ratio Lower Upper

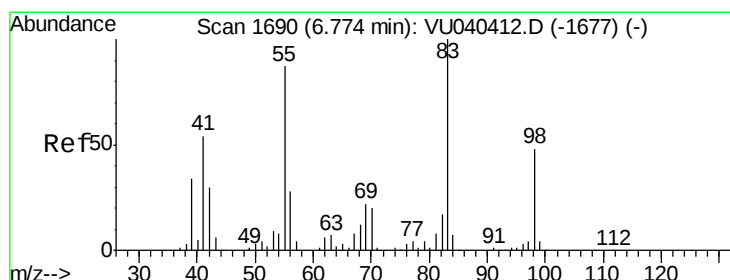
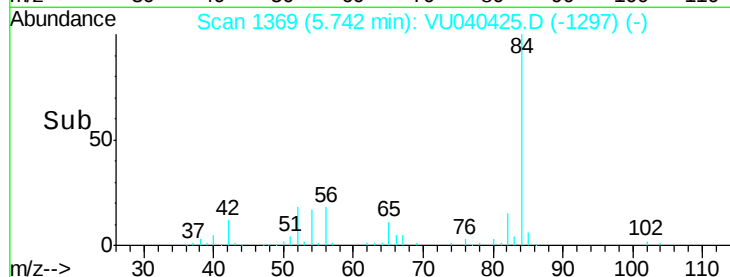
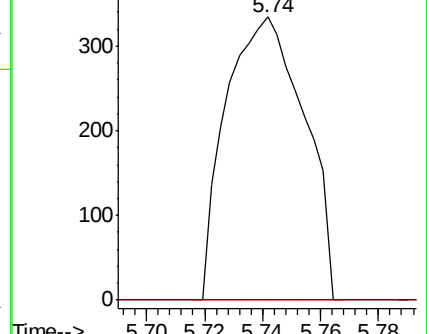
62 100

98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VU040412.D (-1370) (-)

Ion 98.05 (97.75 to 98.75): VU040412.D (-1370) (-)



#35

Methylcyclohexane

Concen: 0.619 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040425.D

Acq: 01 Oct 2020 15:22

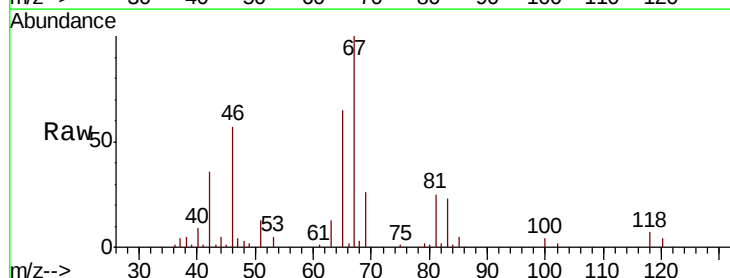
Tgt Ion: 83 Resp: 9995

Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

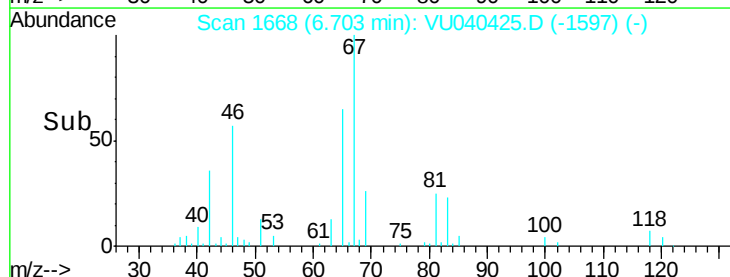
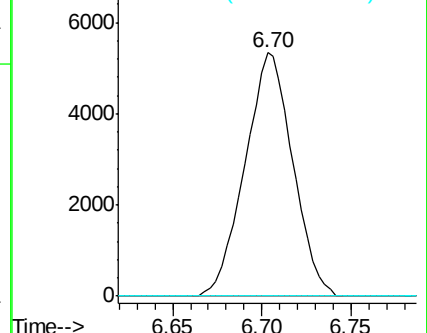
98 0.7 38.5 57.7#

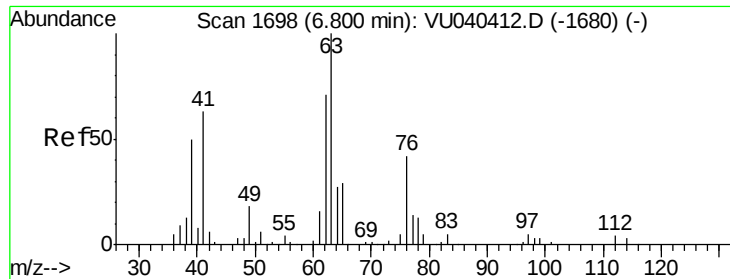


Abundance Ion 83.15 (82.85 to 83.85): VU040412.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU040412.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU040412.D (-1677) (-)

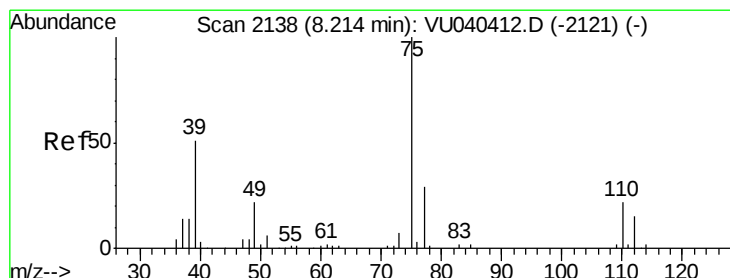
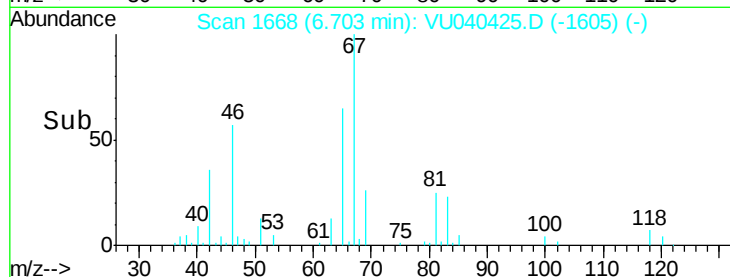
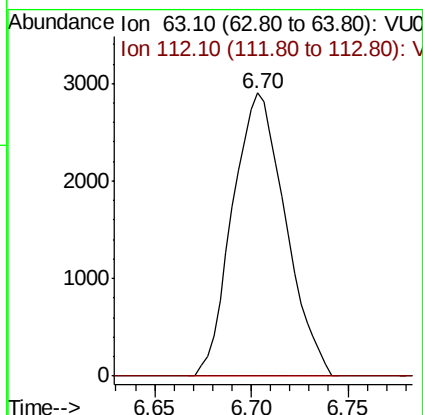
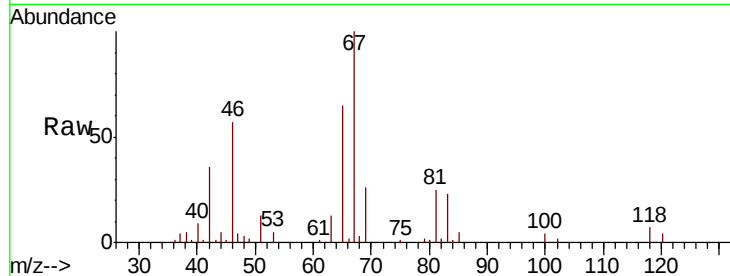




#37
 1,2-Dichloropropane
 Concen: 0.478 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040425.D
 Acq: 01 Oct 2020 15:22

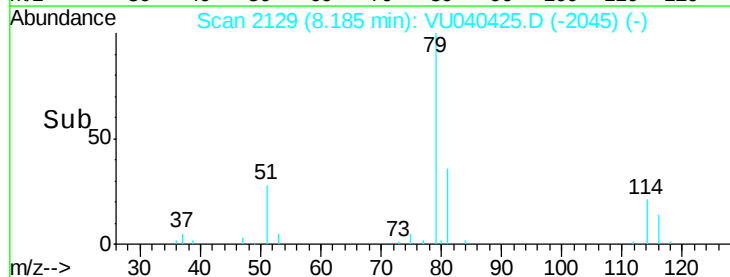
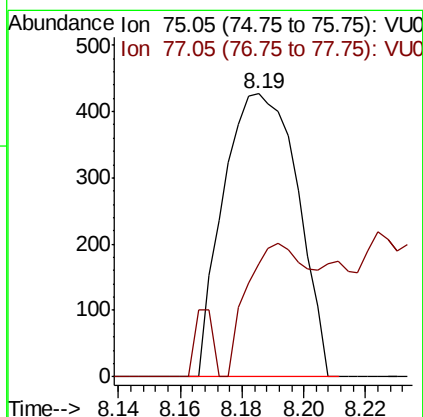
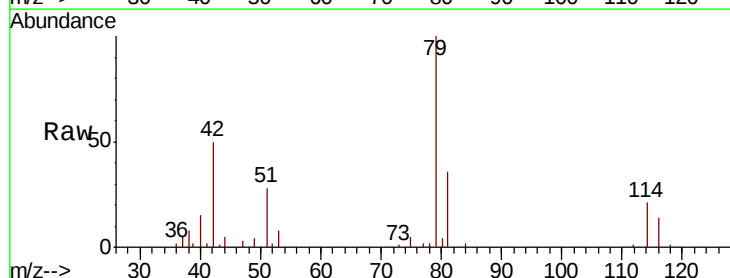
Instrument :
 MSVOA_U
 ClientSampled :
 C0AR2

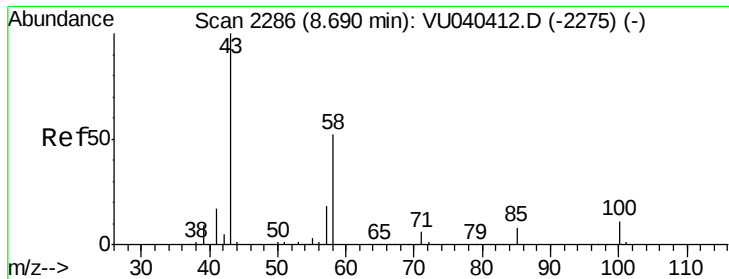
Tot Ion: 63 Resp: 5520
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.050 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040425.D
 Acq: 01 Oct 2020 15:22

Tgt Ion: 75 Resp: 712
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.3 41.3

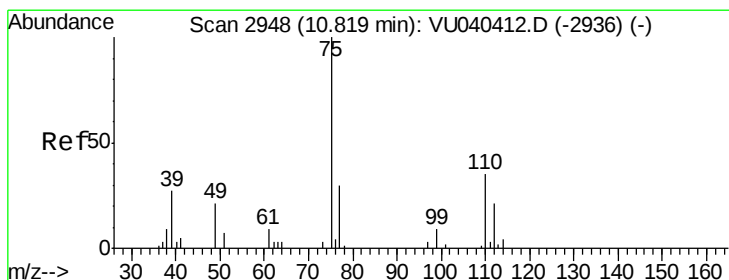
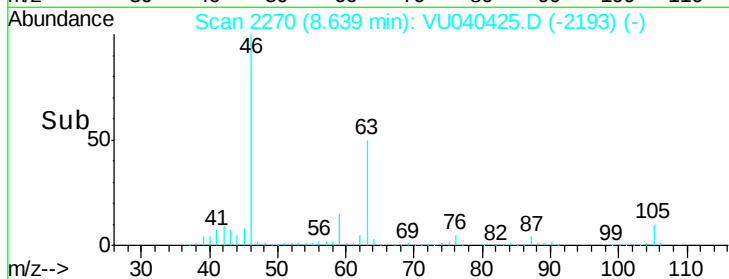
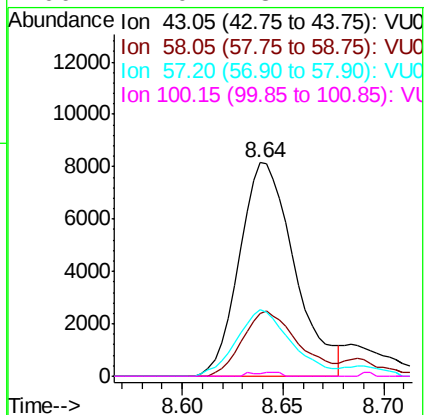
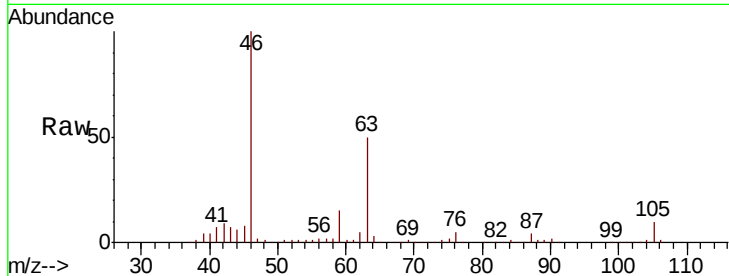




#48
 2-Hexanone
 Concen: 2.338 ug/L
 RT: 8.64 min Scan# 2270
 Delta R.T. -0.05 min
 Lab File: VU040425.D
 Acq: 01 Oct 2020 15:22

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR2

Tot Ion: 43 Resp: 15578
 Ion Ratio Lower Upper
 43 100
 58 30.5 41.0 61.4#
 57 30.8 14.6 22.0#
 100 1.0 8.2 12.4#



#59
 1,2,3-Trichloropropane
 Concen: 0.909 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.99 min
 Lab File: VU040425.D
 Acq: 01 Oct 2020 15:22

Tgt Ion: 75 Resp: 7609
 Ion Ratio Lower Upper
 75 100
 77 35.4 25.7 38.5

