

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103020\
 Data File : VU041022.D
 Acq On : 29 Oct 2020 18:40
 Operator : SY/MD
 Sample : L4558-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP7

Quant Time: Oct 30 08:14:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 08:06:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	49935	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	51835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20964	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15063	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.92	69	13058	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	23846	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.66	46	79658	57.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.32%
24) Chloroform-d	5.08	84	34211	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.72	65	22128	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.74	84	58803	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	21764	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	45333	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	8.19	79	8733	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	53809	51.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.16%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20694	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	18632	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

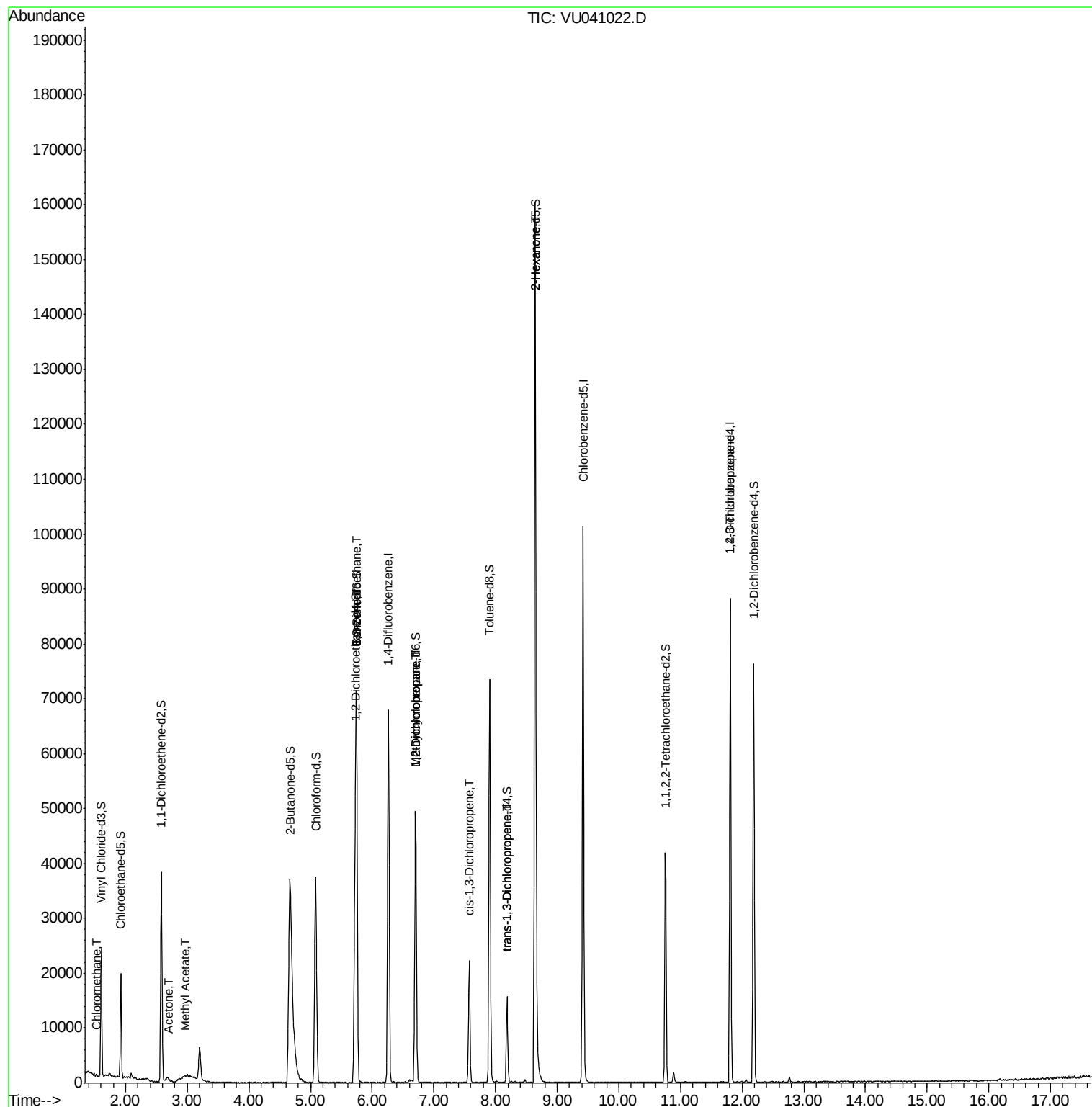
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	238	0.050	ug/L #	74
13) Acetone	2.68	43	1990	2.107	ug/L	91
15) Methyl Acetate	2.97	43	210	0.097	ug/L #	53
27) 1,2-Dichloroethane	5.74	62	265	0.050	ug/L #	74
33) Benzene	5.74	78	360	0.023	ug/L	100
35) Methylcyclohexane	6.70	83	4923	0.837	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	2455	0.586	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	537	0.093	ug/L #	81
44) trans-1,3-Dichloropropene	8.18	75	400	0.074	ug/L #	75
48) 2-Hexanone	8.64	43	7998	3.179	ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	2994	0.959	ug/L	89

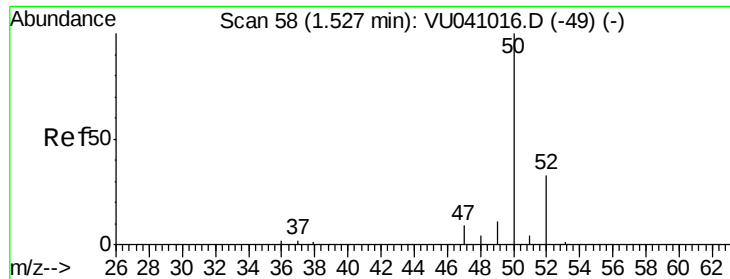
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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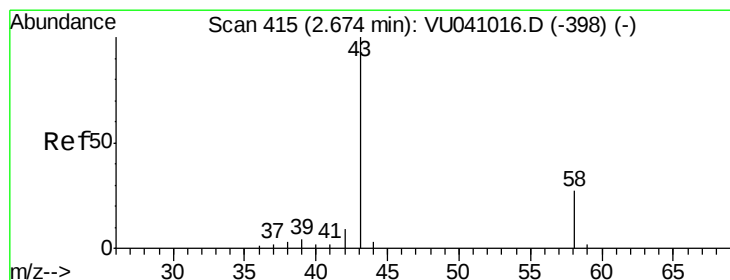
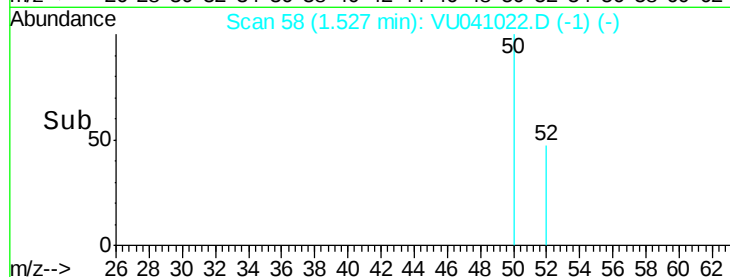
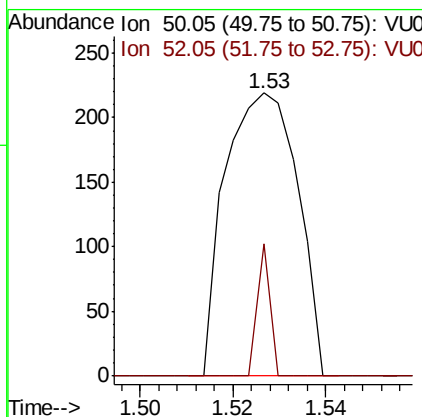
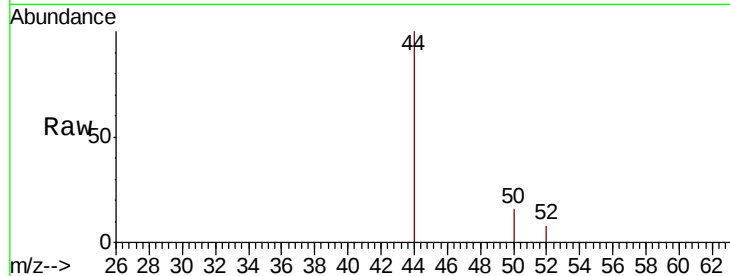




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041022.D
Acq: 29 Oct 2020 18:40

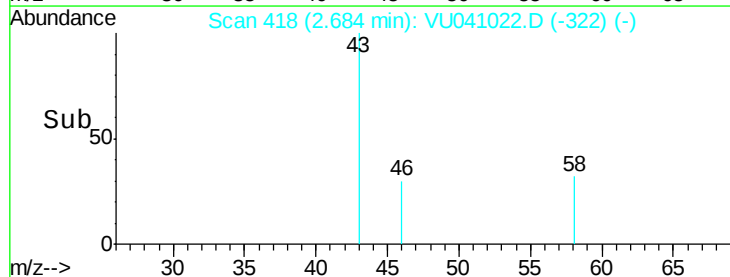
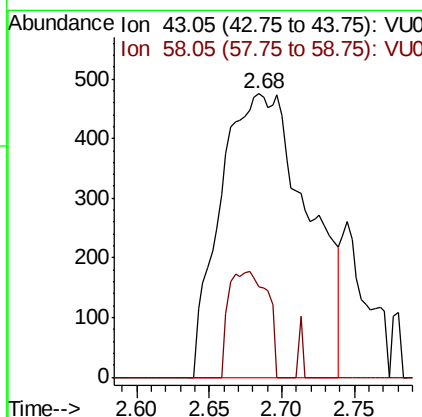
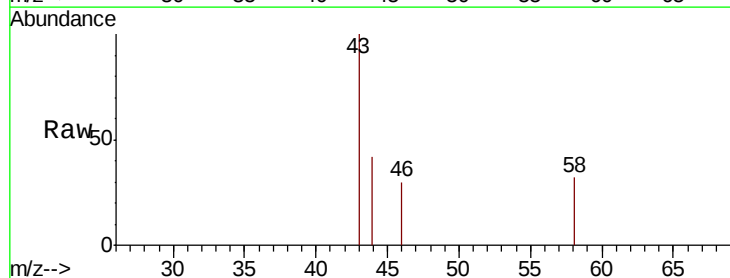
Instrument :
MSVOA_U
ClientSampleId :
C0BP7

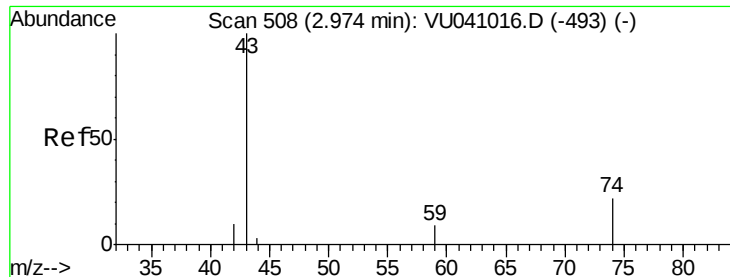
Tot Ion: 50 Resp: 238
Ion Ratio Lower Upper
50 100
52 46.6 22.4 41.6#



#13
Acetone
Concen: 2.107 ug/L
RT: 2.68 min Scan# 418
Delta R.T. 0.01 min
Lab File: VU041022.D
Acq: 29 Oct 2020 18:40

Tgt Ion: 43 Resp: 1990
Ion Ratio Lower Upper
43 100
58 16.4 0.0 25.4





#15

Methyl Acetate

Concen: 0.097 ug/L

RT: 2.97 min Scan# 506

Delta R.T. -0.01 min

Lab File: VU041022.D

Acq: 29 Oct 2020 18:40

Instrument :

MSVOA_U

ClientSampleId :

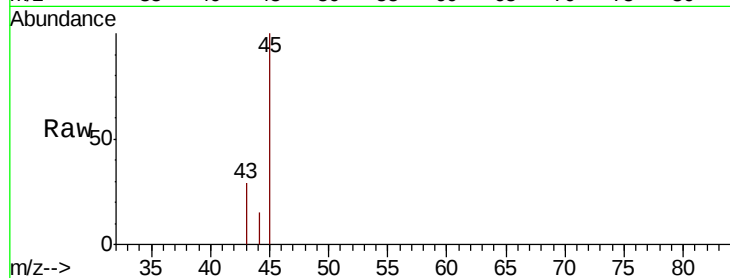
C0BP7

Tot Ion: 43 Resp: 210

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.97

250

200

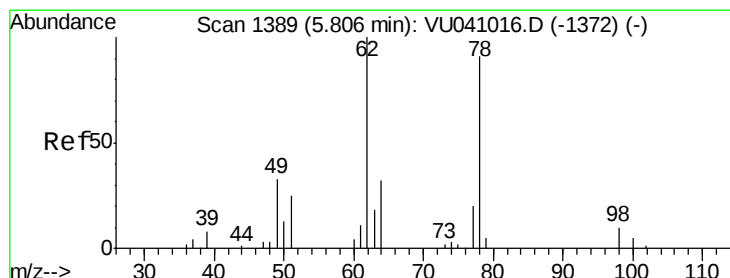
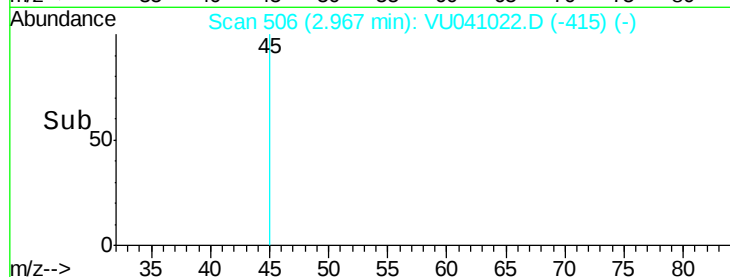
150

100

50

0

Time-->



#27

1,2-Dichloroethane

Concen: 0.050 ug/L

RT: 5.74 min Scan# 1368

Delta R.T. -0.07 min

Lab File: VU041022.D

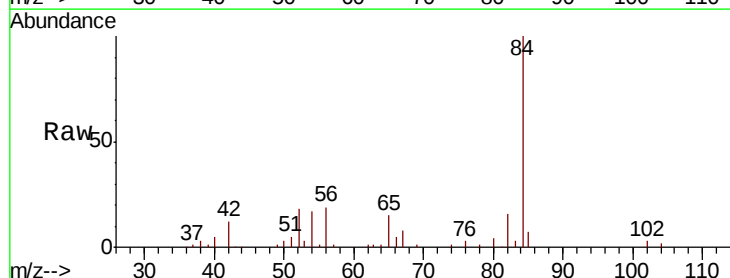
Acq: 29 Oct 2020 18:40

Tgt Ion: 62 Resp: 265

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

200

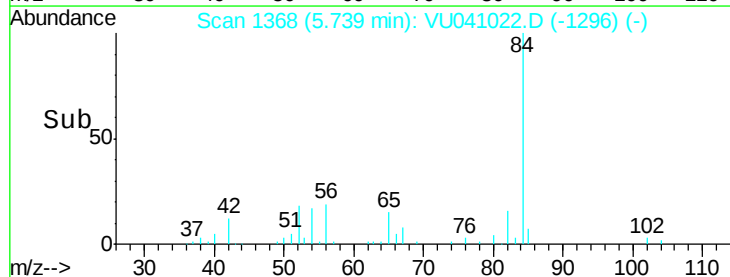
150

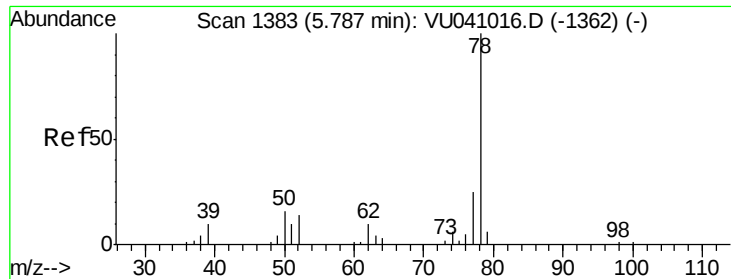
100

50

0

Time-->





#33

Benzene

Concen: 0.023 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU041022.D

Acq: 29 Oct 2020 18:40

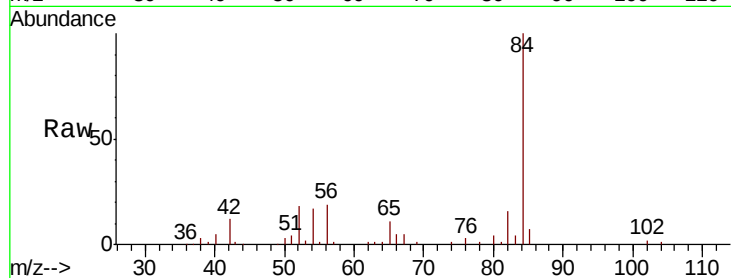
Instrument :

MSVOA_U

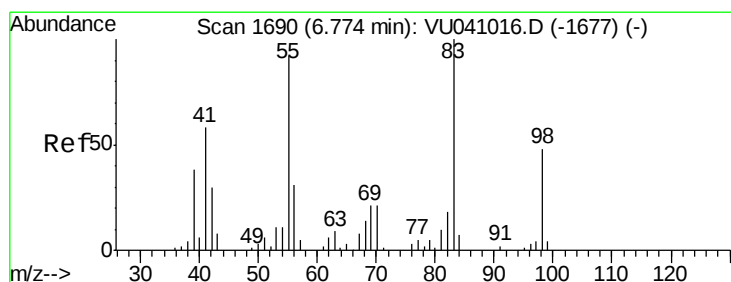
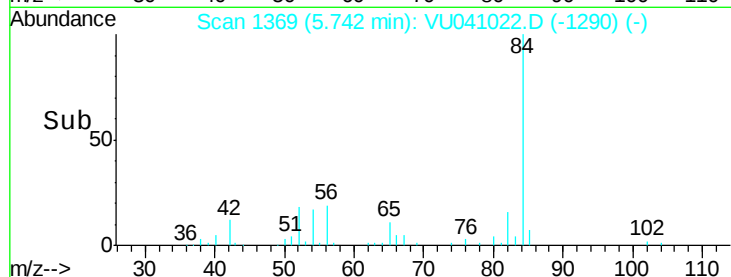
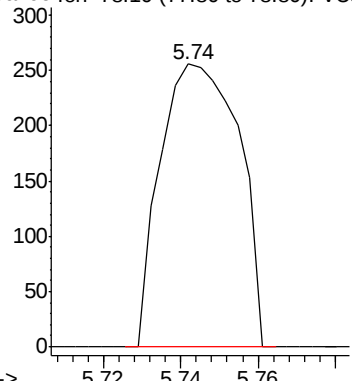
ClientSampled :

C0BP7

Tgt Ion: 78 Resp: 360



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.837 ug/L

RT: 6.70 min Scan# 1668

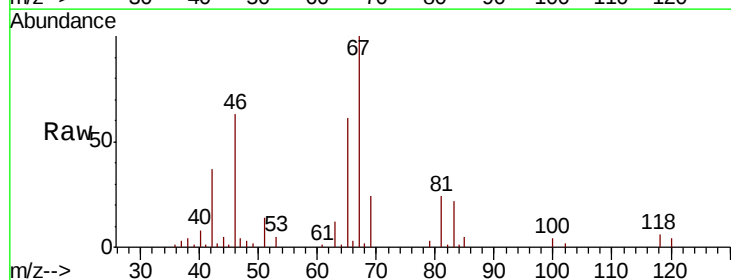
Delta R.T. -0.07 min

Lab File: VU041022.D

Acq: 29 Oct 2020 18:40

Tgt Ion: 83 Resp: 4923

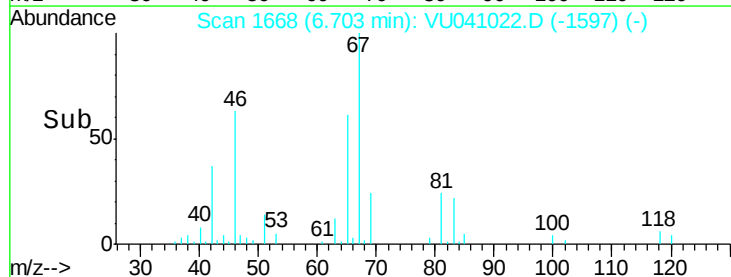
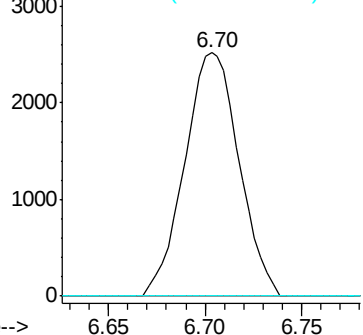
Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#

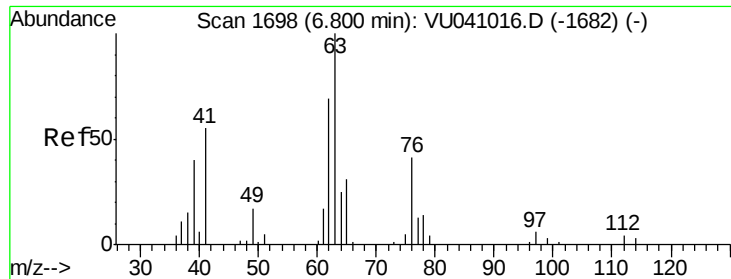


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

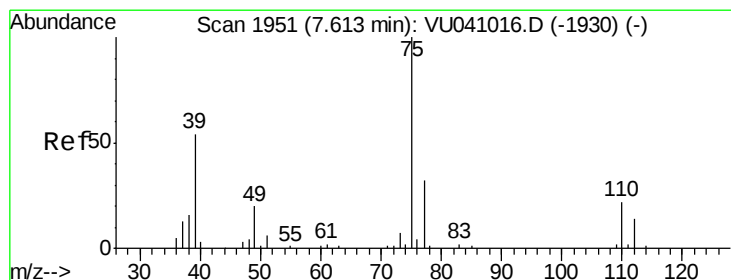
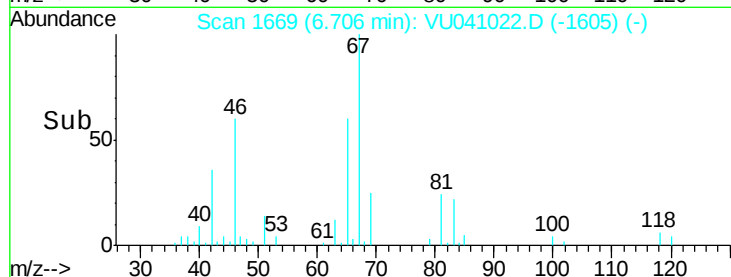
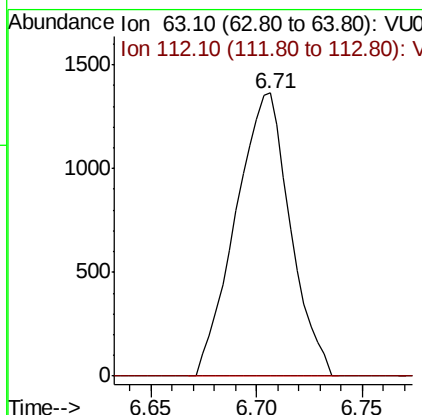
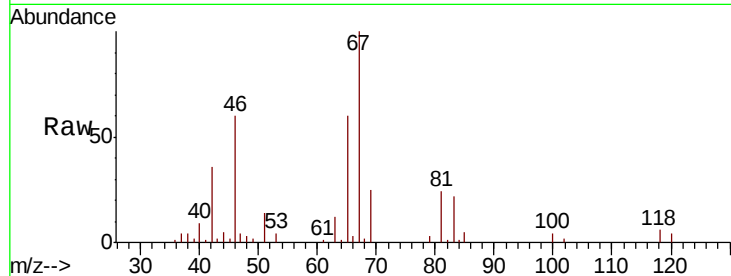




#37
 1,2-Dichloropropane
 Concen: 0.586 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU041022.D
 Acq: 29 Oct 2020 18:40

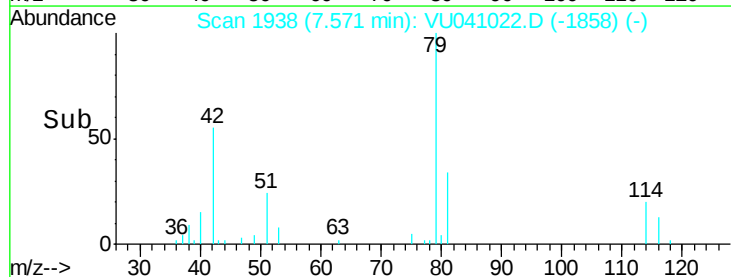
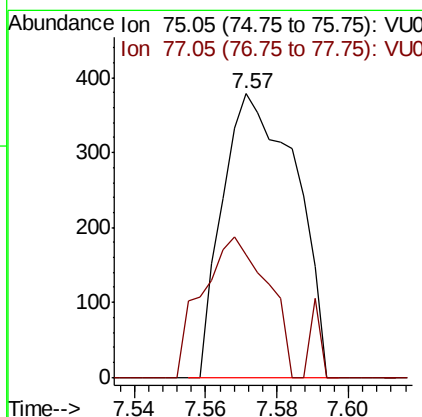
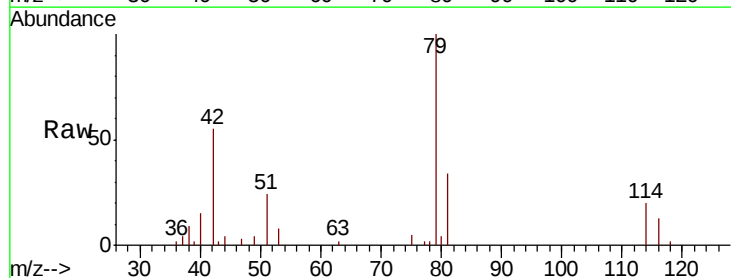
Instrument :
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 C0BP7

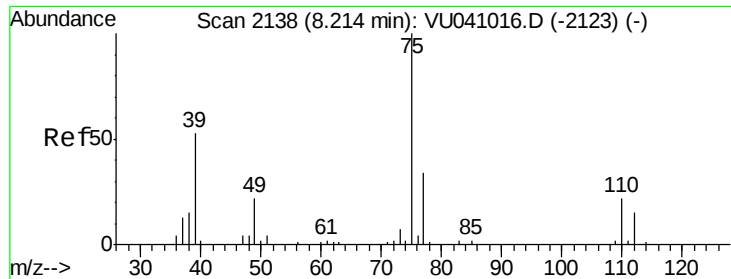
Tot Ion: 63 Resp: 2455
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041022.D
 Acq: 29 Oct 2020 18:40

Tgt Ion: 75 Resp: 537
 Ion Ratio Lower Upper
 75 100
 77 43.1 22.7 42.3#





#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041022.D

Acq: 29 Oct 2020 18:40

Instrument :

MSVOA_U

ClientSampleId :

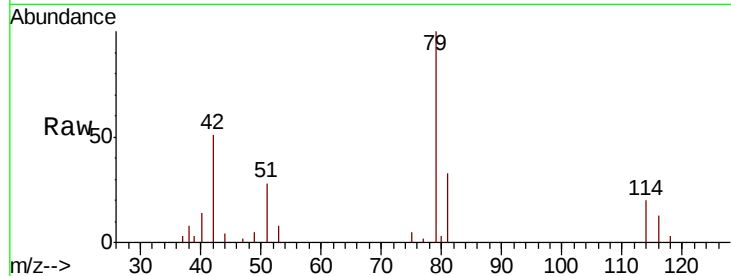
C0BP7

Tot Ion: 75 Resp: 400

Ion Ratio Lower Upper

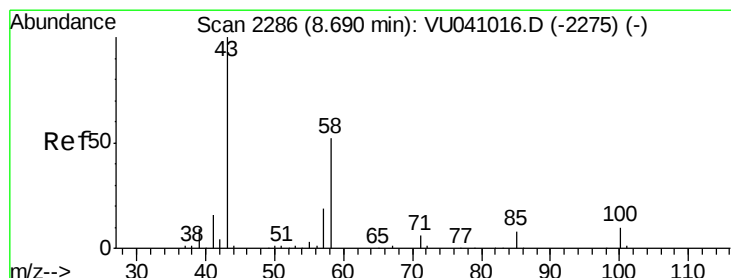
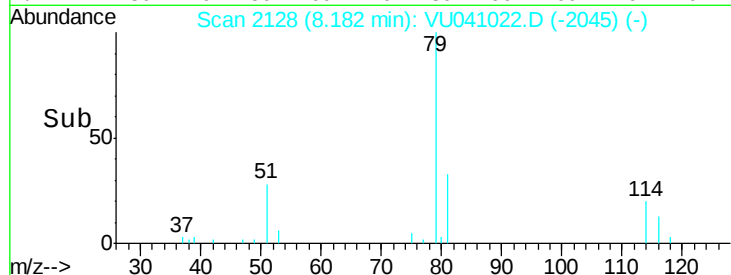
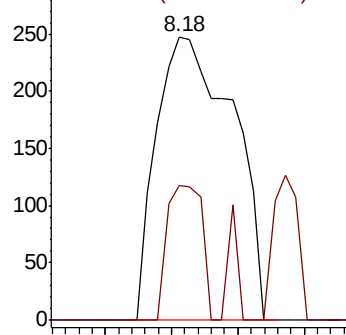
75 100

77 47.6 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 3.179 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU041022.D

Acq: 29 Oct 2020 18:40

Tgt Ion: 43 Resp: 7998

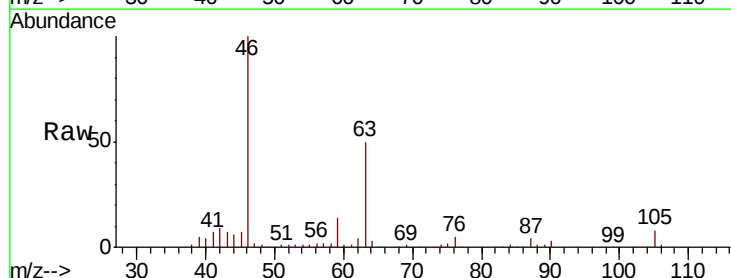
Ion Ratio Lower Upper

43 100

58 30.3 41.4 62.2#

57 29.7 14.6 21.8#

100 0.0 8.3 12.5#

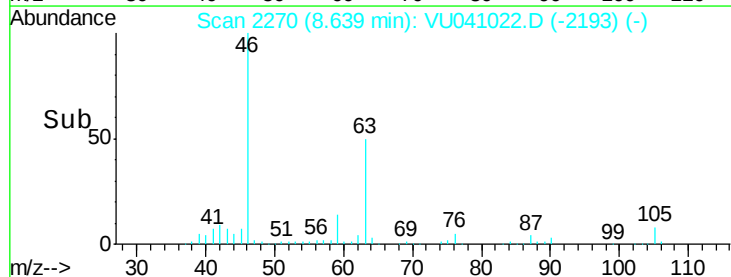
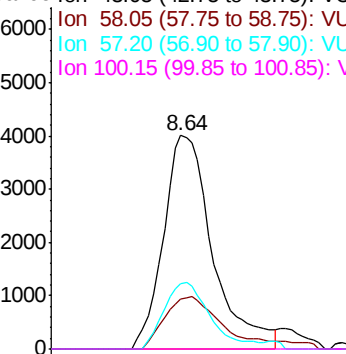


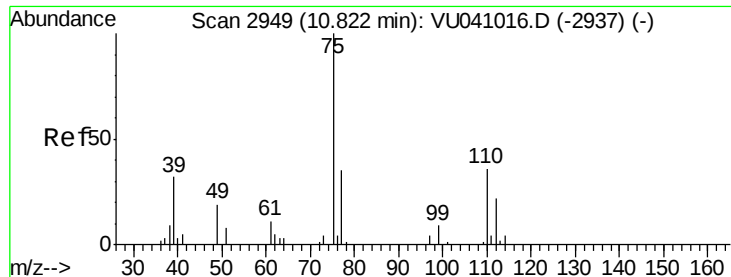
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#59

1,2,3-Trichloropropane

Concen: 0.959 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041022.D

Acq: 29 Oct 2020 18:40

Instrument :

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ClientSampleId :

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Tot Ion: 75 Resp: 2994

Ion Ratio Lower Upper

75 100

77 38.3 25.7 38.5

