

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103020\
 Data File : VU041023.D
 Acq On : 29 Oct 2020 19:03
 Operator : SY/MD
 Sample : L4558-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP8

Quant Time: Oct 30 08:14:51 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	51592	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52976	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21981	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15244	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.92	69	13476	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	23523	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.67	46	81087	56.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.62%
24) Chloroform-d	5.08	84	33565	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.72	65	22435	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.74	84	58600	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.70	67	21251	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.91	98	45917	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.19	79	8371	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.64	63	52767	49.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.02%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20091	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	19033	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

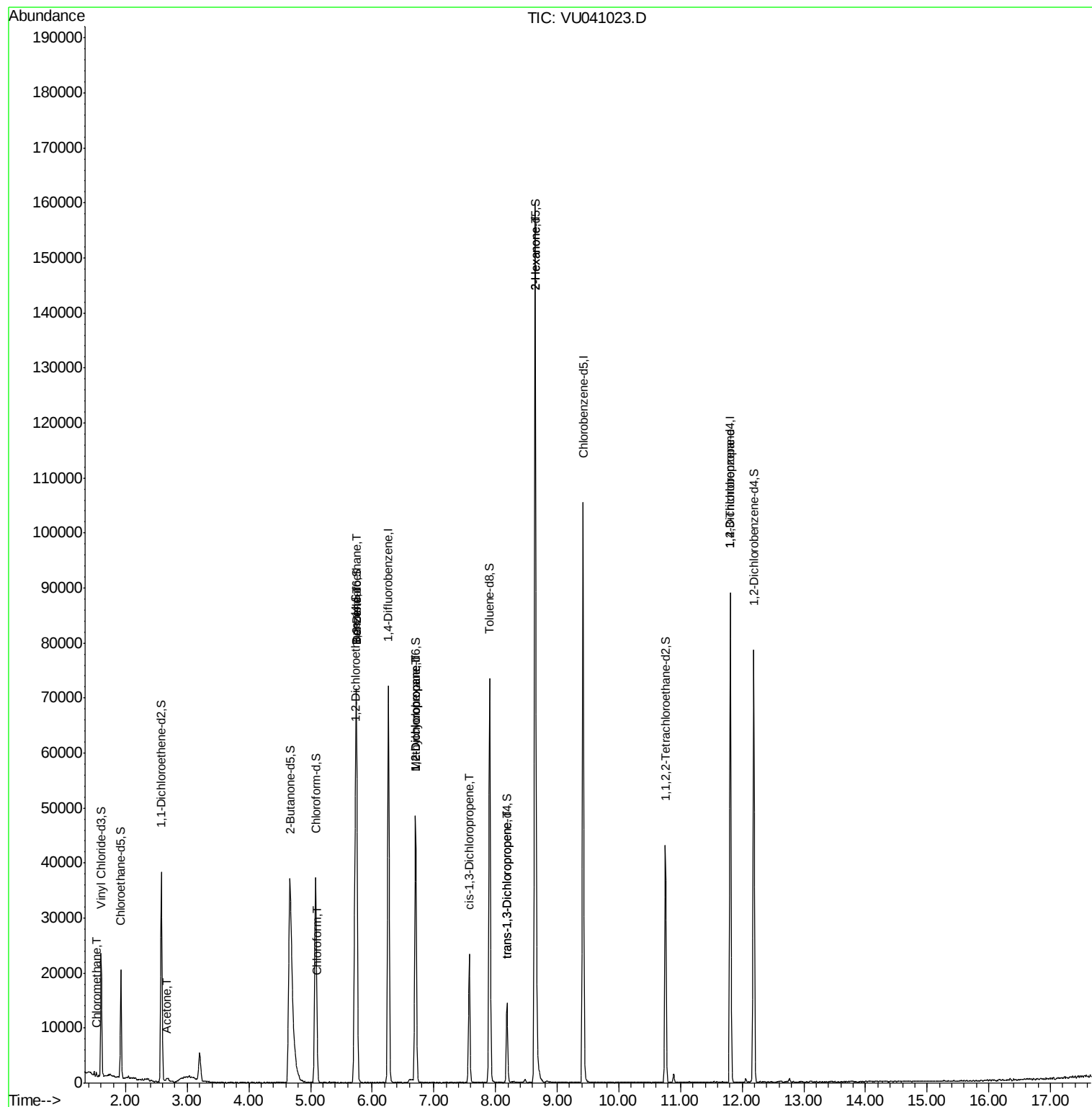
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	352	0.072	ug/L	94
13) Acetone	2.67	43	791	0.811	ug/L	89
25) Chloroform	5.11	83	404	0.054	ug/L	92
27) 1,2-Dichloroethane	5.74	62	267	0.048	ug/L #	74
33) Benzene	5.75	78	406	0.026	ug/L	100
35) Methylcyclohexane	6.70	83	4949	0.824	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	2533	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	7.58	75	534	0.091	ug/L	93
44) trans-1,3-Dichloropropene	8.19	75	345	0.063	ug/L #	81
48) 2-Hexanone	8.64	43	7925	3.082	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	2998	0.939	ug/L	96

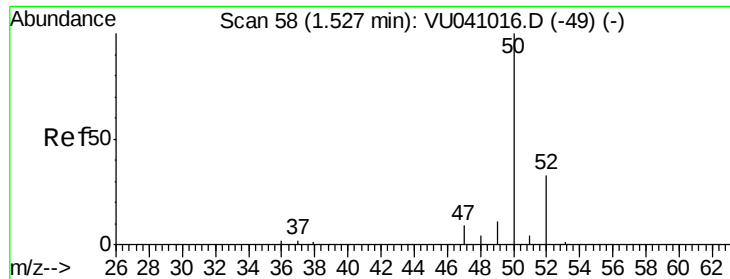
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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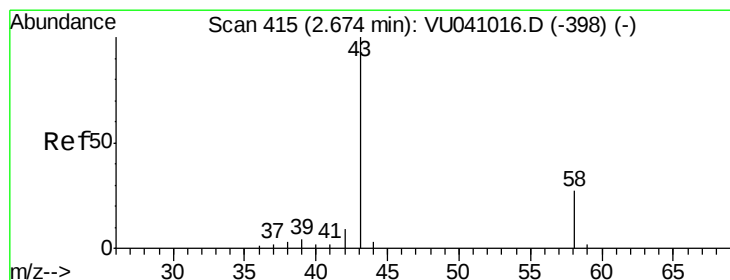
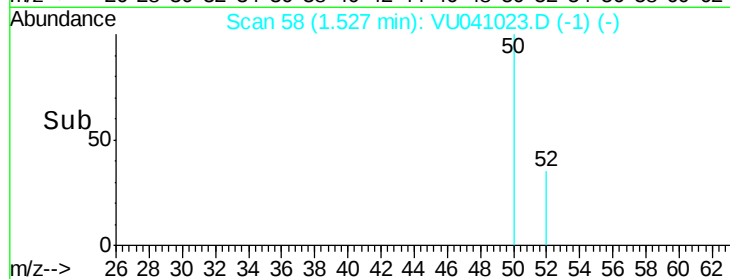
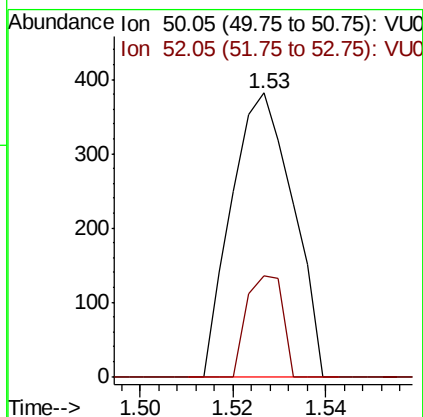
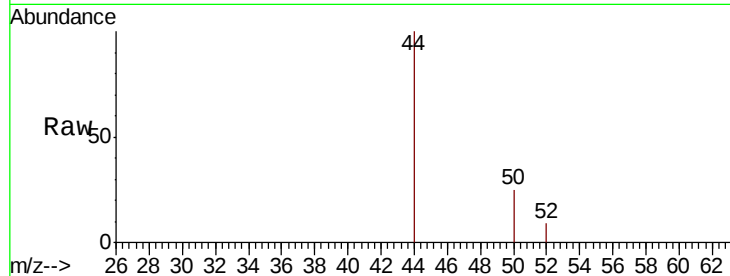




#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU041023.D
Acq: 29 Oct 2020 19:03

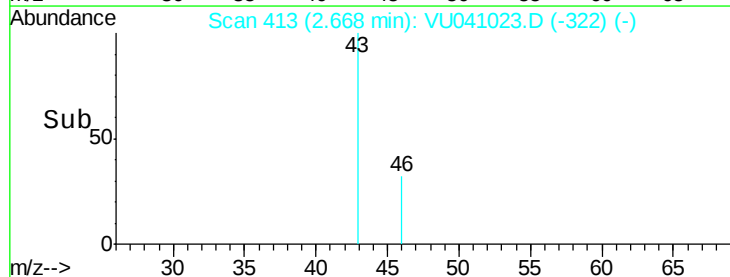
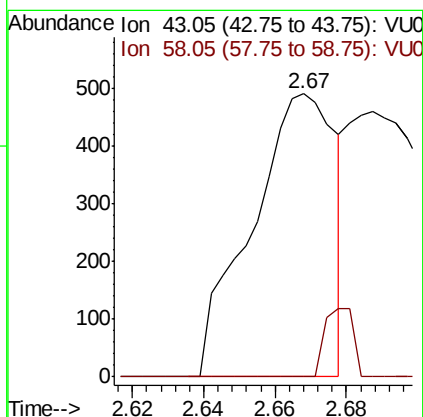
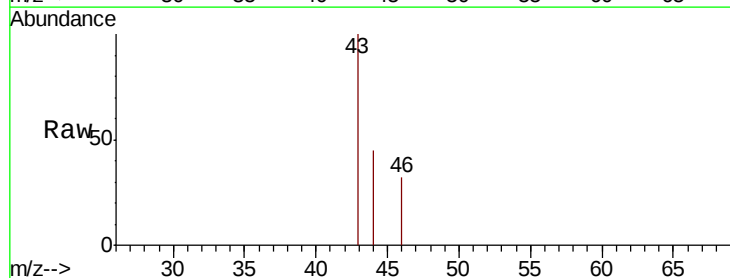
Instrument :
MSVOA_U
ClientSampleId :
C0BP8

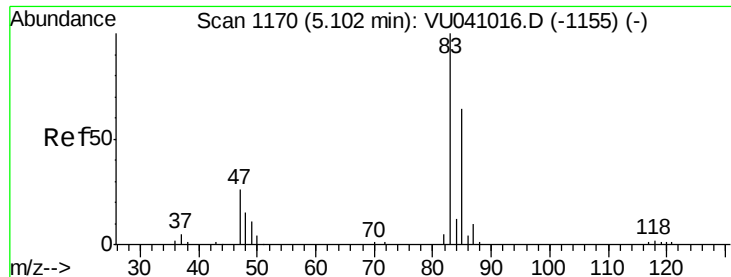
Tot Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 35.3 22.4 41.6



#13
Acetone
Concen: 0.811 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU041023.D
Acq: 29 Oct 2020 19:03

Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
58 8.2 0.0 25.4

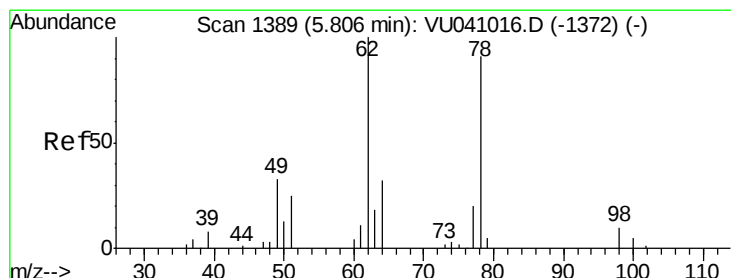
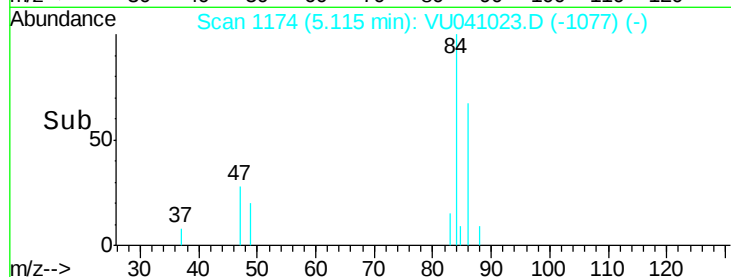
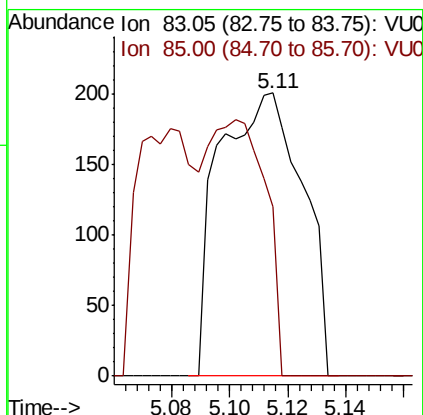
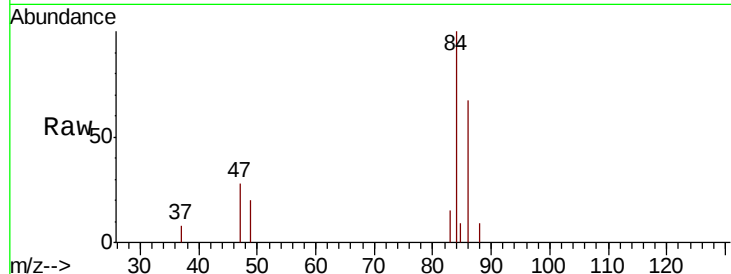




#25
Chloroform
Concen: 0.054 ug/L
RT: 5.11 min Scan# 1174
Delta R.T. 0.01 min
Lab File: VU041023.D
Acq: 29 Oct 2020 19:03

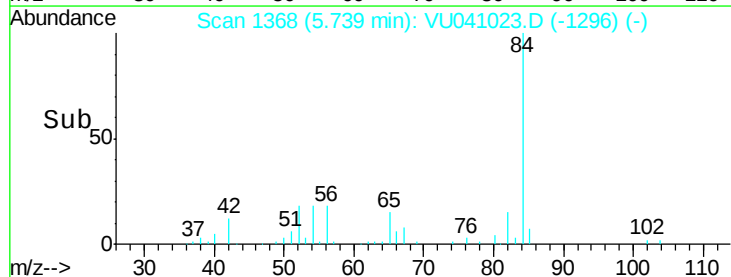
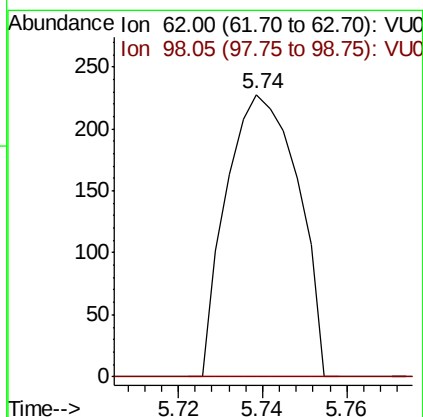
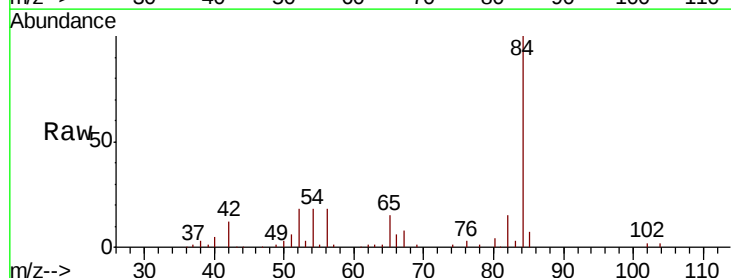
Instrument :
MSVOA_U
ClientSampleId :
C0BP8

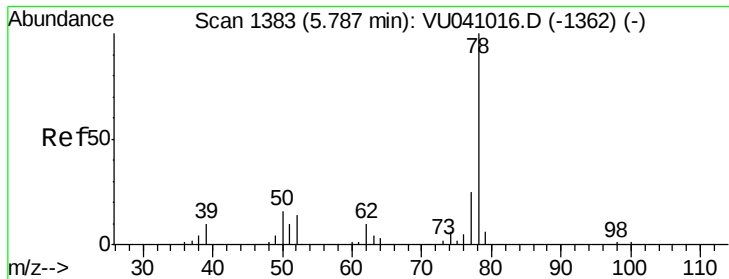
Tot Ion: 83 Resp: 404
Ion Ratio Lower Upper
83 100
85 59.7 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.048 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041023.D
Acq: 29 Oct 2020 19:03

Tgt Ion: 62 Resp: 267
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 0.026 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU041023.D

Acq: 29 Oct 2020 19:03

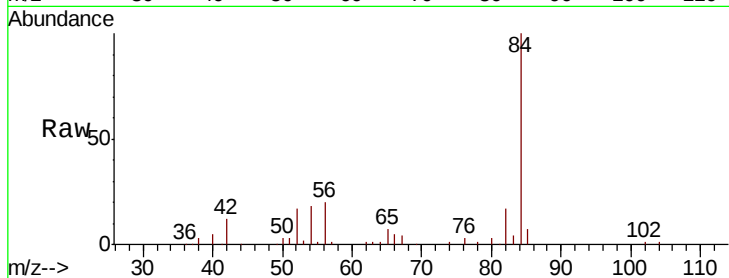
Instrument :

MSVOA_U

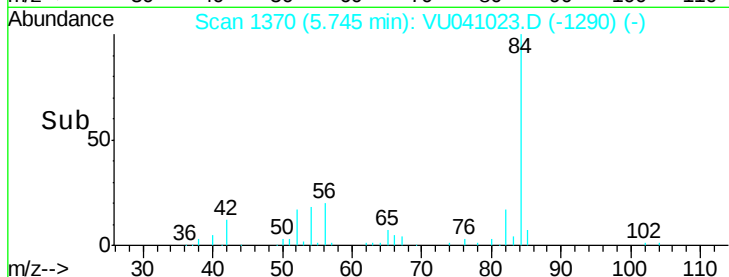
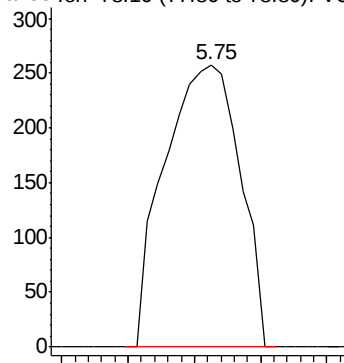
ClientSampled :

C0BP8

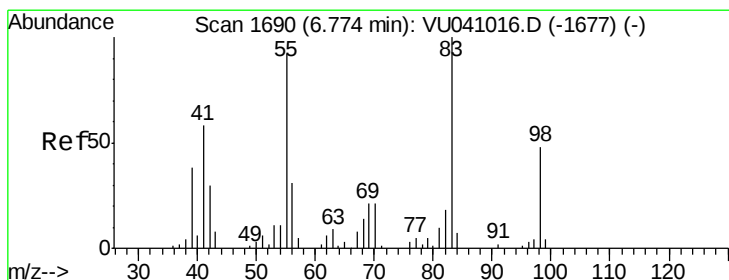
Tgt Ion: 78 Resp: 406



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041023.D

Acq: 29 Oct 2020 19:03

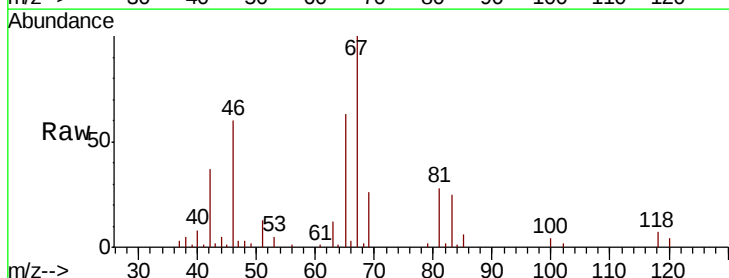
Tgt Ion: 83 Resp: 4949

Ion Ratio Lower Upper

83 100

55 0.0 72.0 108.0#

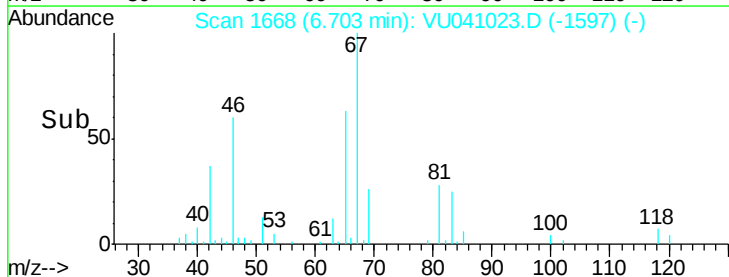
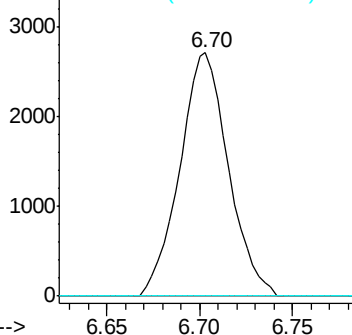
98 0.0 36.6 55.0#

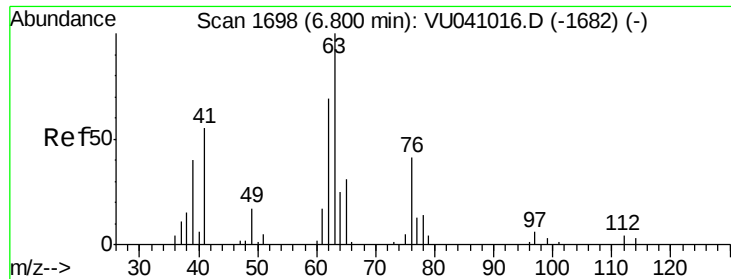


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

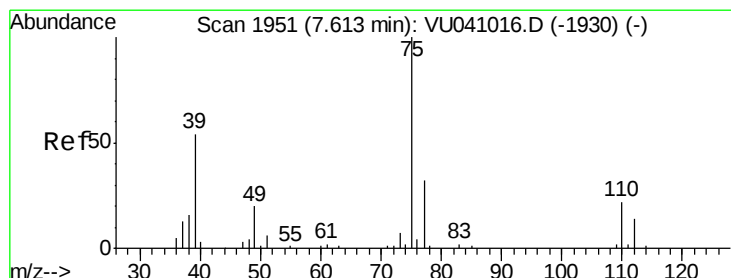
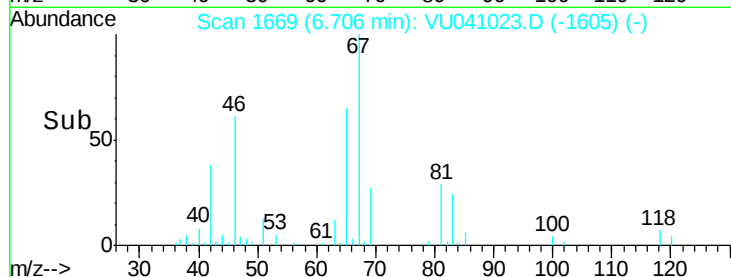
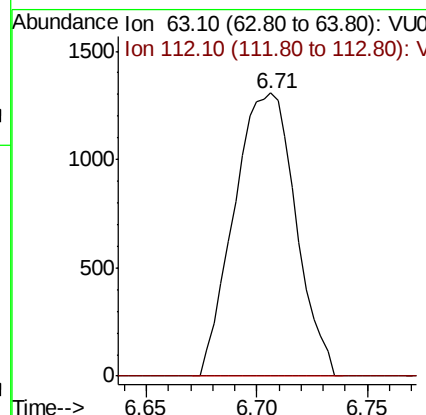
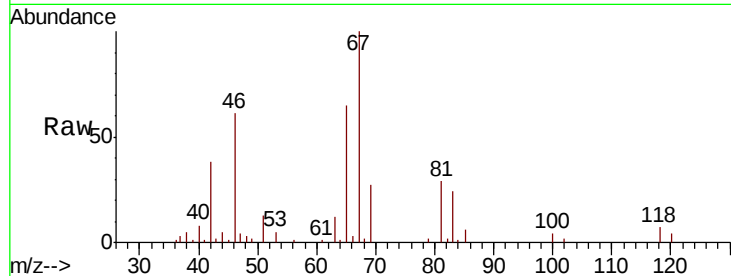




#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU041023.D
 Acq: 29 Oct 2020 19:03

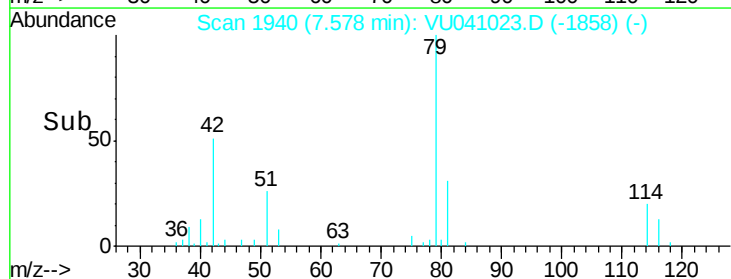
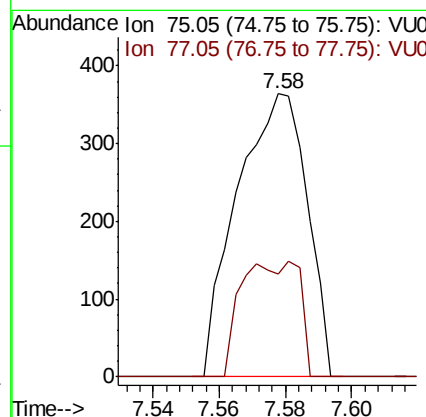
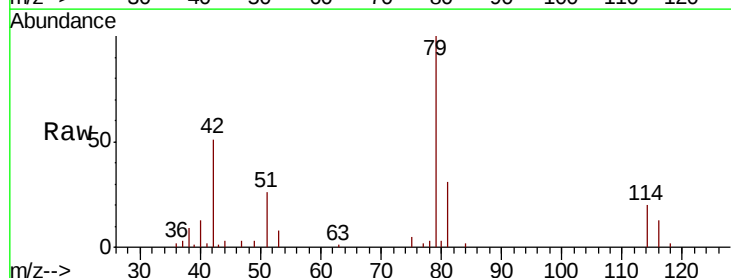
Instrument :
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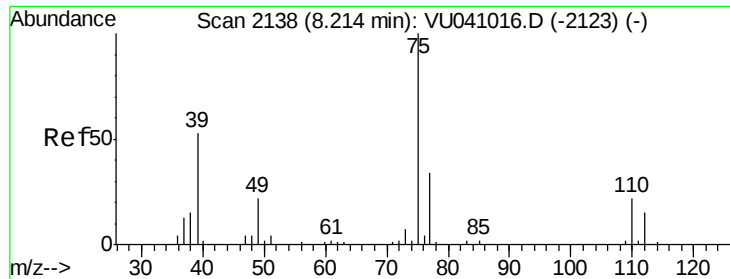
Tot Ion: 63 Resp: 2533
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041023.D
 Acq: 29 Oct 2020 19:03

Tgt Ion: 75 Resp: 534
 Ion Ratio Lower Upper
 75 100
 77 36.5 22.7 42.3





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 8.19 min Scan# 2131

Delta R.T. -0.02 min

Lab File: VU041023.D

Acq: 29 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

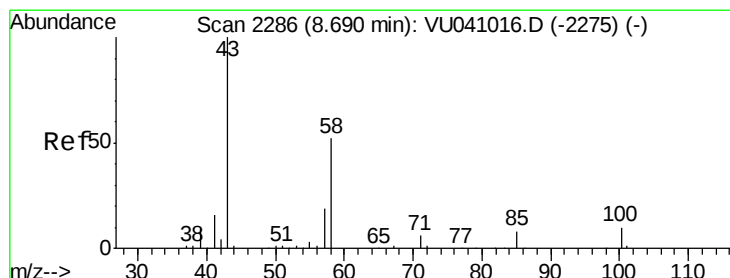
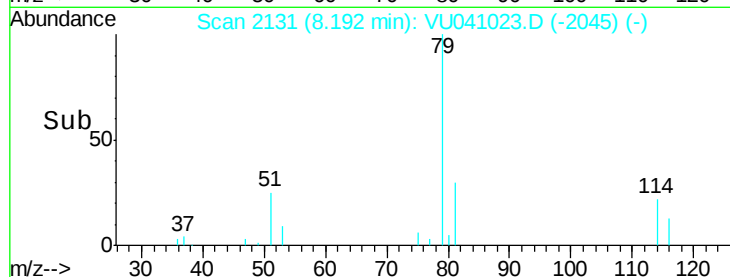
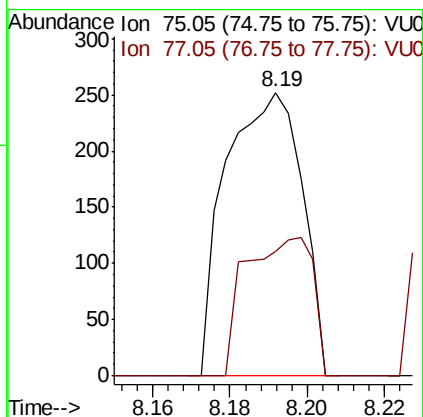
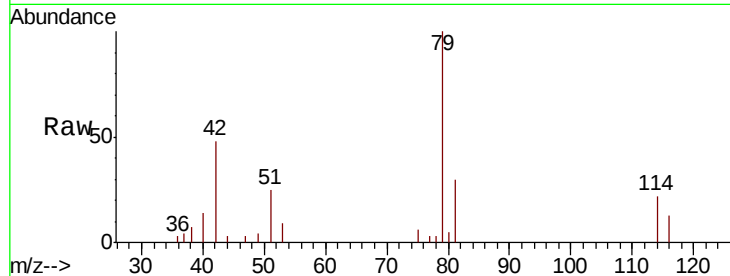
C0BP8

Tot Ion: 75 Resp: 345

Ion Ratio Lower Upper

75 100

77 44.0 23.3 43.3#



#48

2-Hexanone

Concen: 3.082 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041023.D

Acq: 29 Oct 2020 19:03

Tgt Ion: 43 Resp: 7925

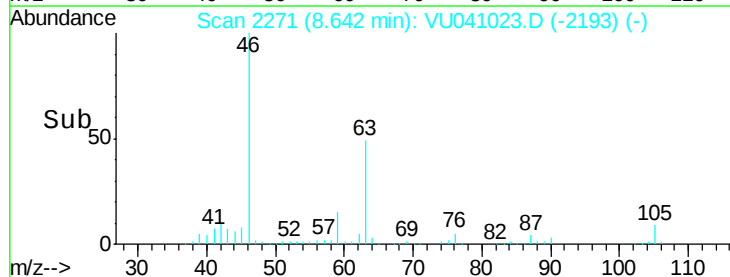
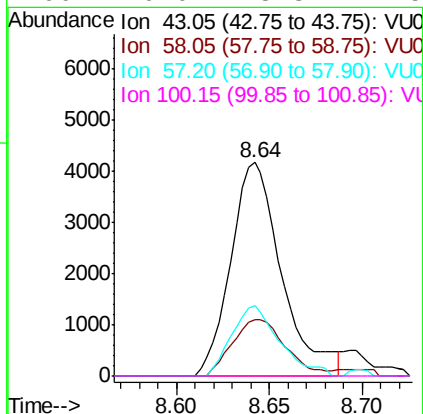
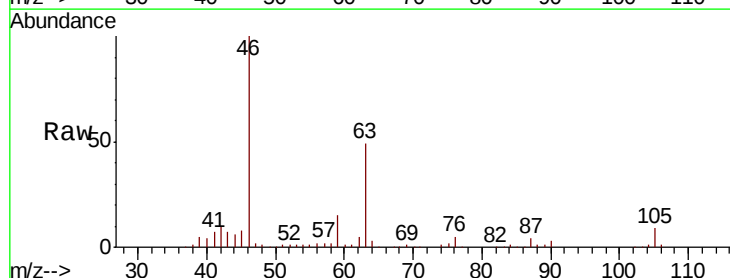
Ion Ratio Lower Upper

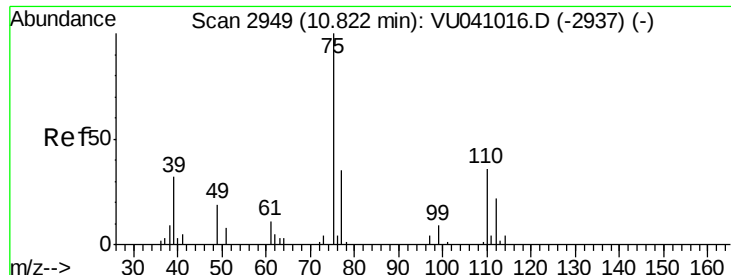
43 100

58 27.5 41.4 62.2#

57 31.0 14.6 21.8#

100 0.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 0.939 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041023.D

Acq: 29 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

C0BP8

Tot Ion: 75 Resp: 2998

Ion Ratio Lower Upper

75 100

77 34.2 25.7 38.5

