

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101620\
 Data File : VU040752.D
 Acq On : 16 Oct 2020 17:05
 Operator : SY/MD
 Sample : L4419-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ6

Quant Time: Oct 16 23:42:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 23:38:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110945	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	119914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40784	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.92	69	37737	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.58	63	65675	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.66	46	167791	57.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.08%
24) Chloroform-d	5.08	84	90848	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.72	65	55602	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.20%
32) Benzene-d6	5.75	84	161308	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	56129	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.91	98	123376	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	8.19	79	19273	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	110911	47.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.64%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	49608	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	51052	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

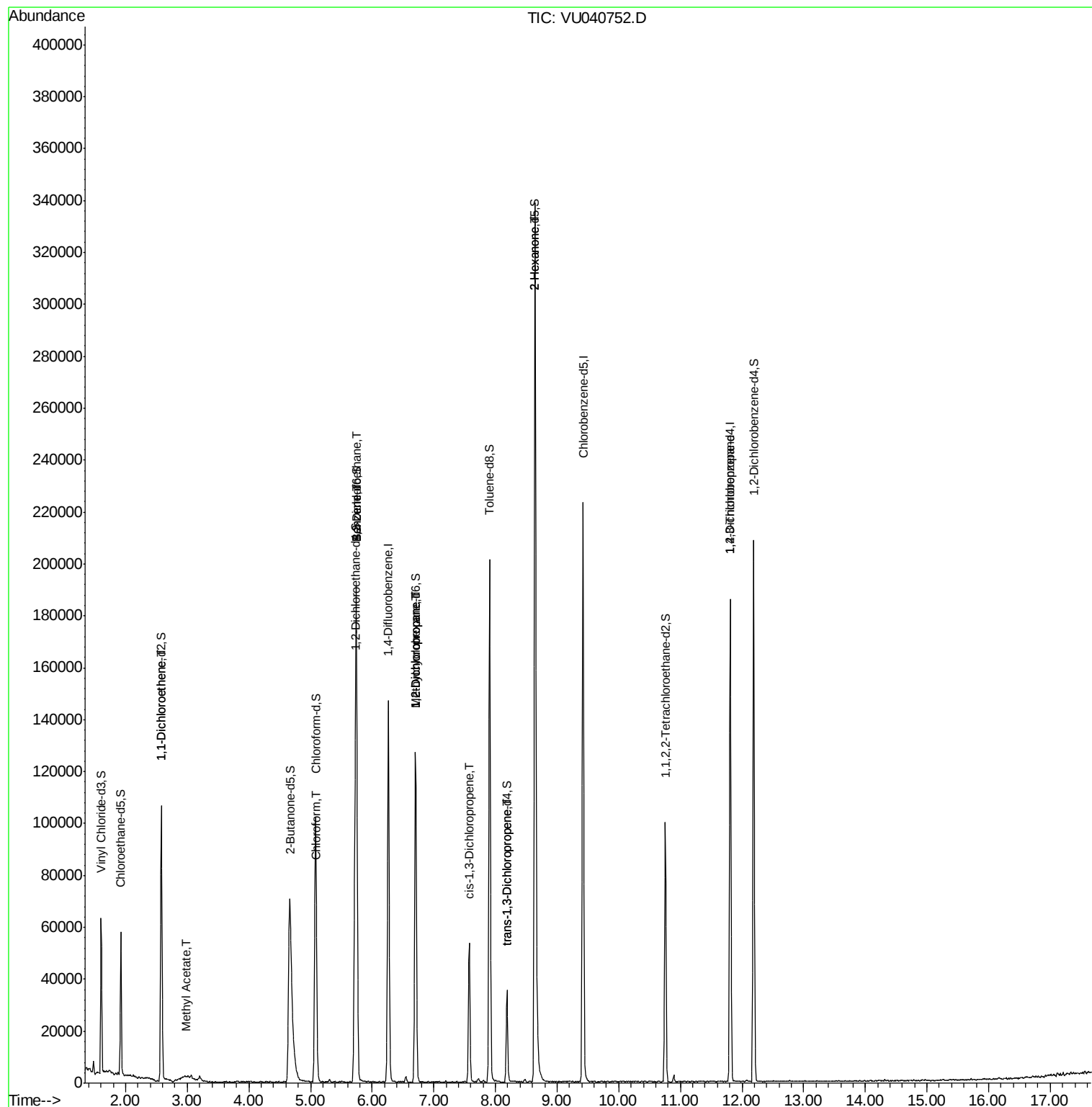
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.58	96	493	0.062	ug/L #	1
15) Methyl Acetate	2.98	43	698	0.134	ug/L #	56
25) Chloroform	5.11	83	1836	0.105	ug/L	92
27) 1,2-Dichloroethane	5.74	62	1046	0.084	ug/L #	77
33) Benzene	5.75	78	1364	0.035	ug/L	100
35) Methylcyclohexane	6.70	83	13055	0.922	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	6751	0.629	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1376	0.094	ug/L #	56
44) trans-1,3-Dichloropropene	8.19	75	817	0.061	ug/L #	73
48) 2-Hexanone	8.64	43	19349	3.037	ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	6488	0.823	ug/L	92

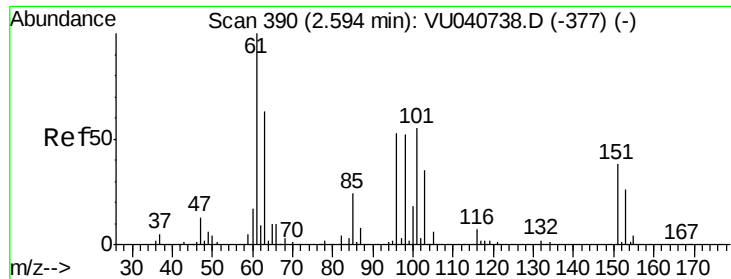
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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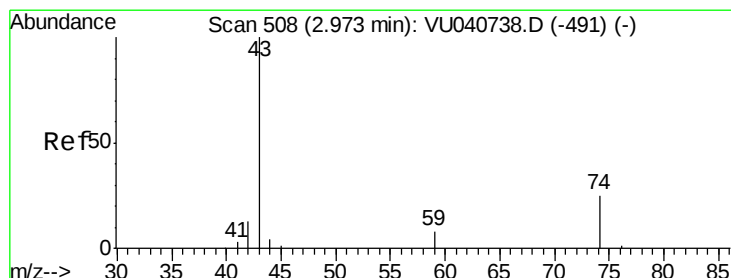
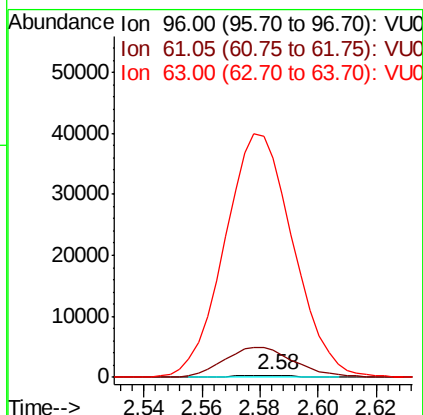
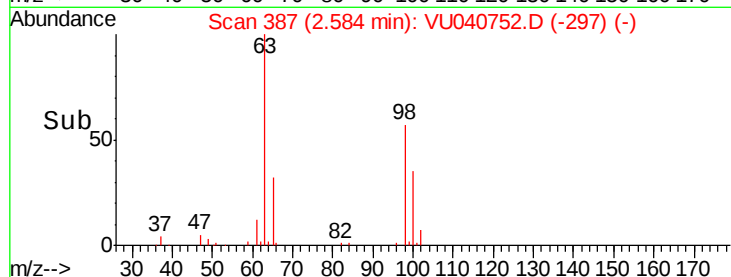
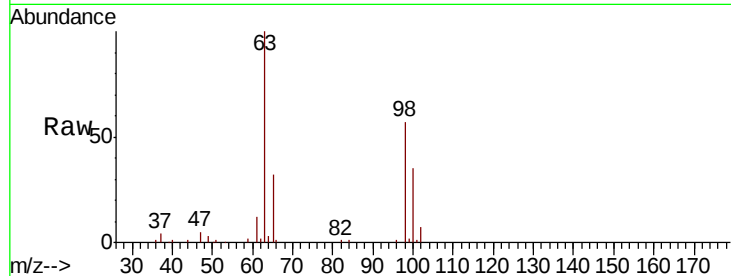




#12
 1,1-Dichloroethene
 Concen: 0.062 ug/L
 RT: 2.58 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VU040752.D
 Acq: 16 Oct 2020 17:05

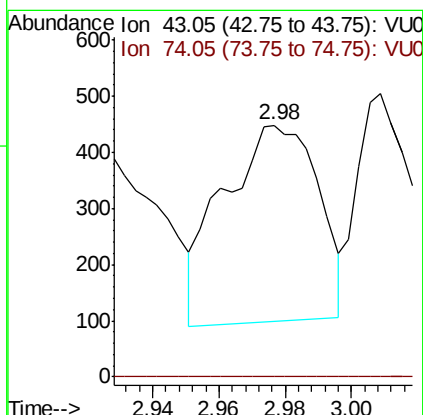
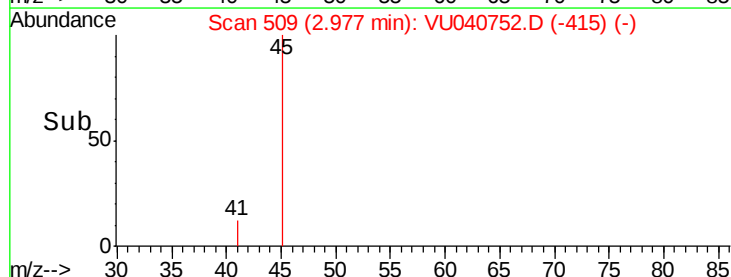
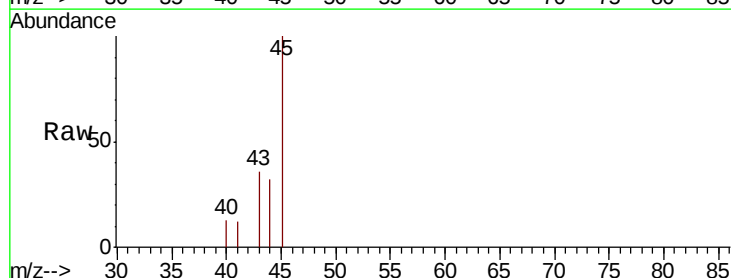
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ6

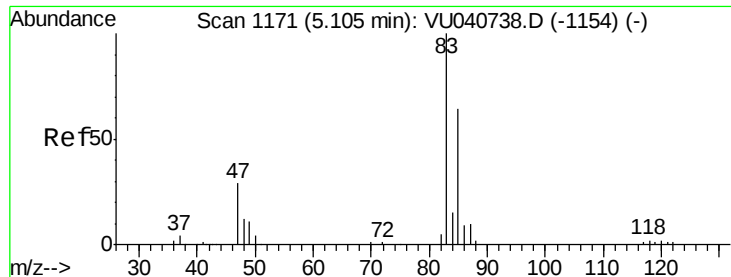
Tot Ion: 96 Resp: 493
 Ion Ratio Lower Upper
 96 100
 61 1416.5 128.8 239.2#
 63 11635.0 84.6 157.2#



#15
 Methyl Acetate
 Concen: 0.134 ug/L
 RT: 2.98 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VU040752.D
 Acq: 16 Oct 2020 17:05

Tgt Ion: 43 Resp: 698
 Ion Ratio Lower Upper
 43 100
 74 0.0 16.5 24.7#

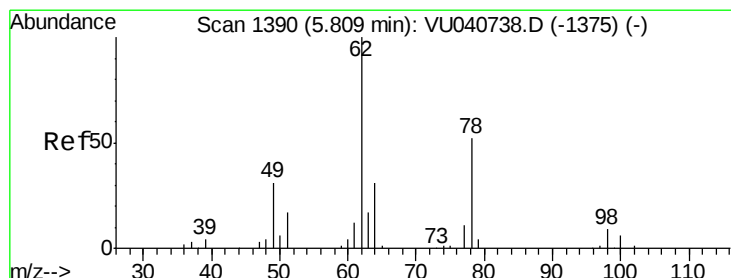
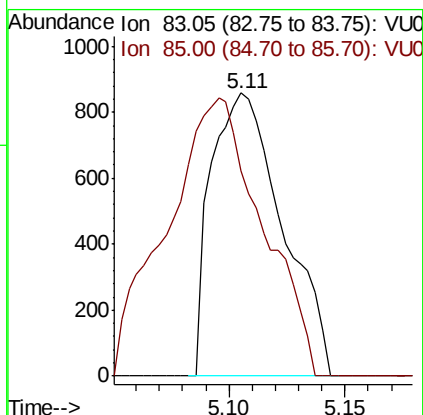
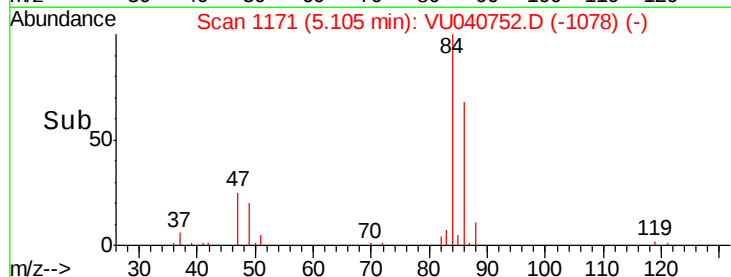
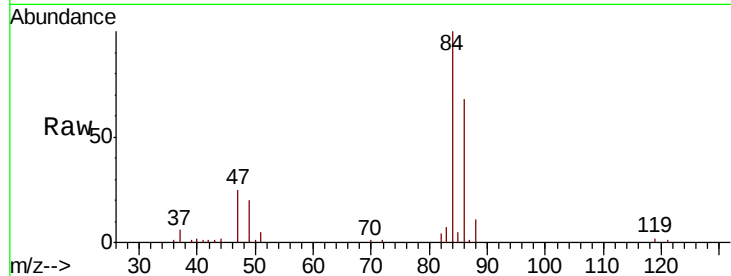




#25
Chloroform
Concen: 0.105 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040752.D
Acq: 16 Oct 2020 17:05

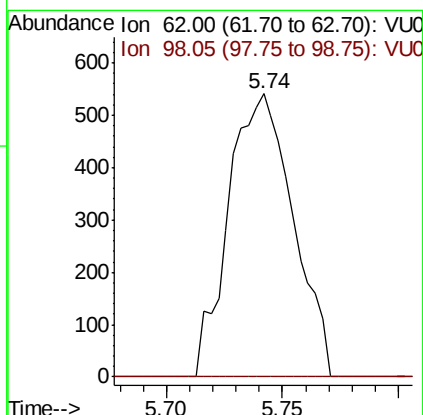
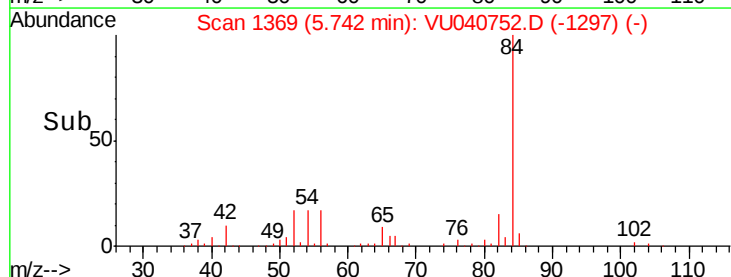
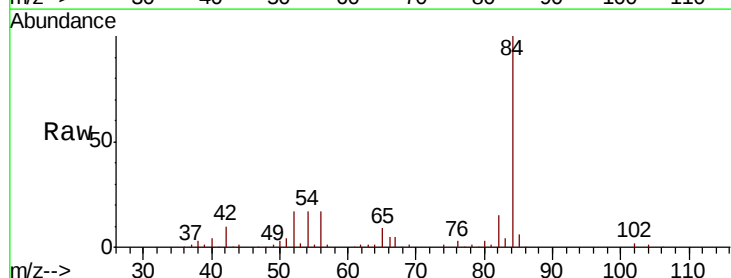
Instrument :
MSVOA_U
ClientSampleId :
C0AJ6

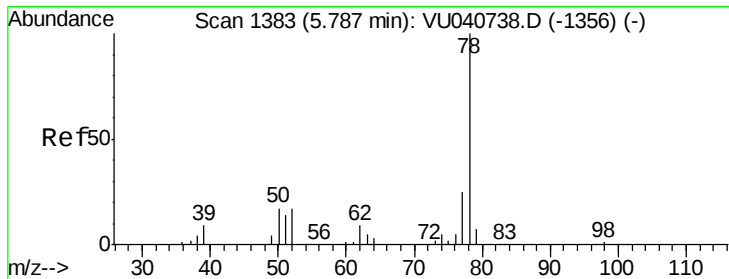
Tot Ion: 83 Resp: 1836
Ion Ratio Lower Upper
83 100
85 72.7 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.084 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.07 min
Lab File: VU040752.D
Acq: 16 Oct 2020 17:05

Tgt Ion: 62 Resp: 1046
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#33

Benzene

Concen: 0.035 ug/L

RT: 5.75 min Scan# 1370

Delta R.T. -0.04 min

Lab File: VU040752.D

Acq: 16 Oct 2020 17:05

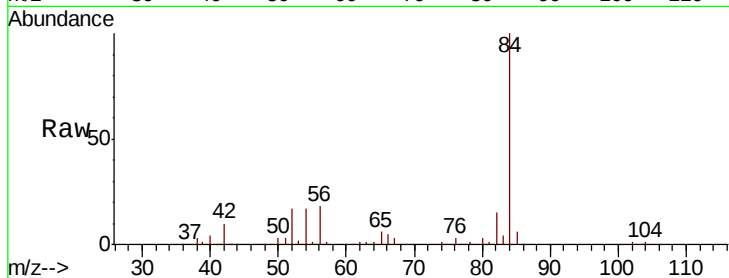
Instrument :

MSVOA_U

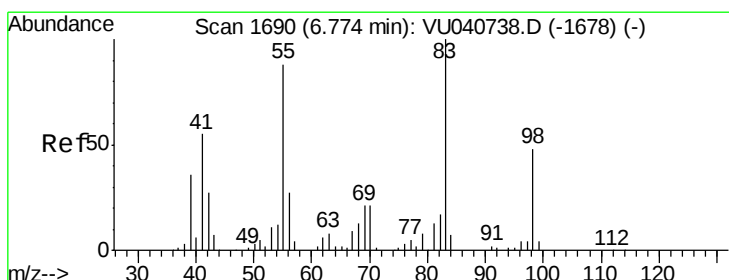
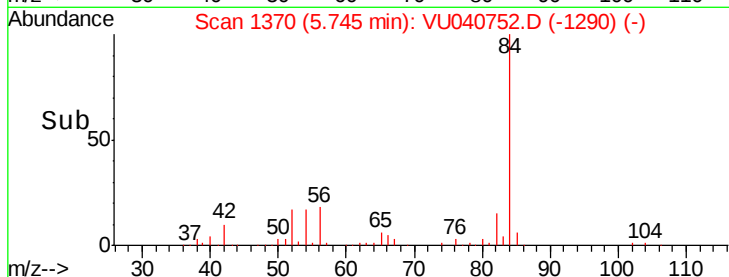
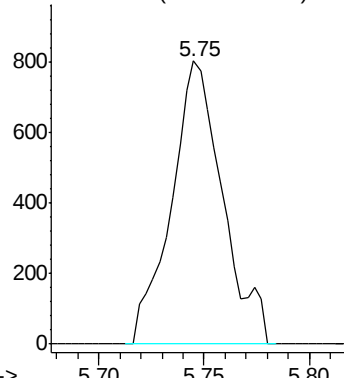
ClientSampleId :

C0AJ6

Tgt Ion: 78 Resp: 1364



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.922 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040752.D

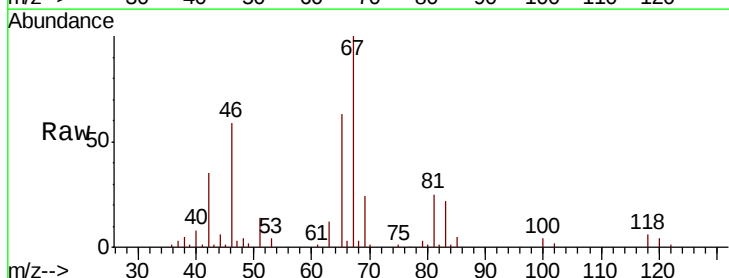
Acq: 16 Oct 2020 17:05

Tgt Ion: 83 Resp: 13055

Ion	Ratio	Lower	Upper
83	100		

55	0.0	70.7	106.1#
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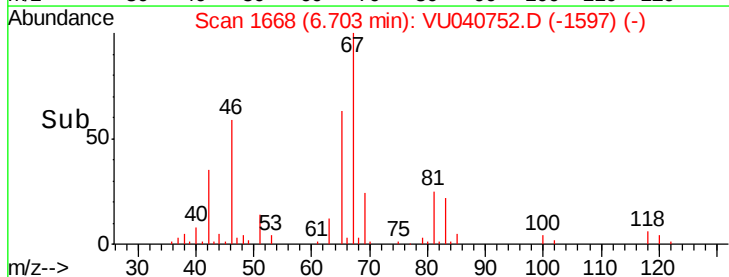
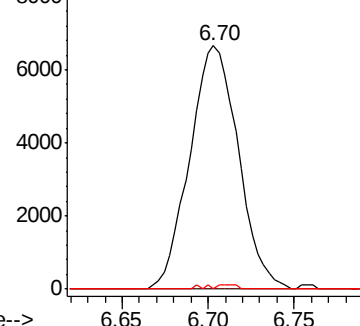
98	0.8	38.4	57.6#
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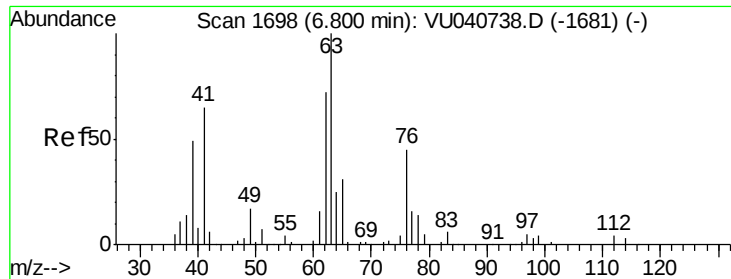


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

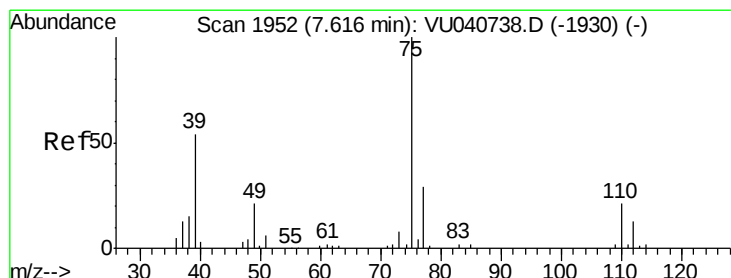
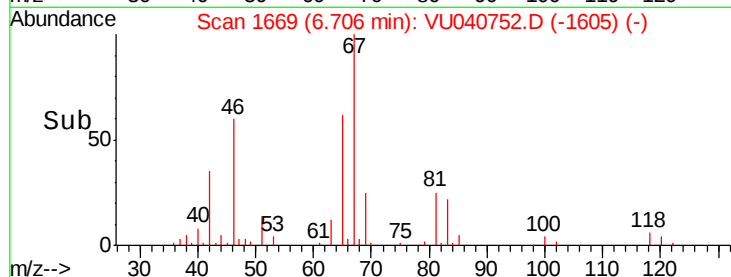
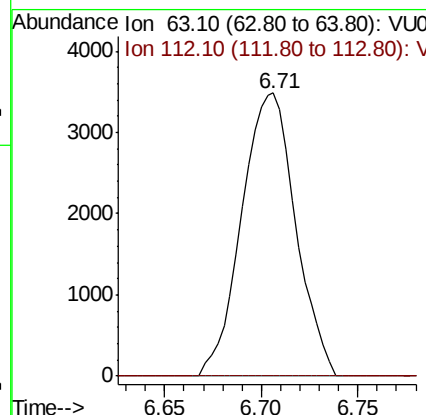
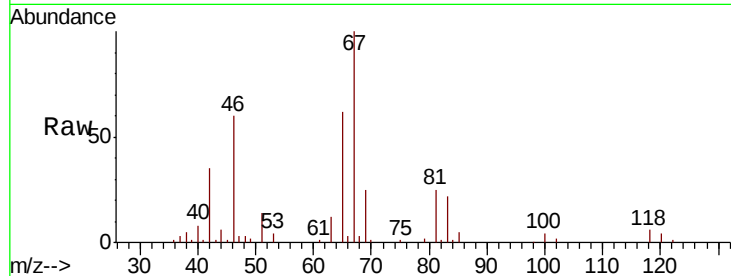




#37
 1,2-Dichloropropane
 Concen: 0.629 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.09 min
 Lab File: VU040752.D
 Acq: 16 Oct 2020 17:05

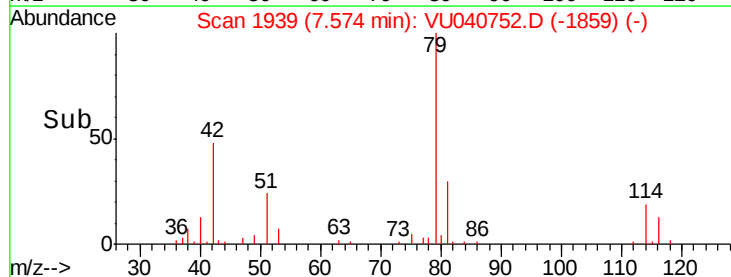
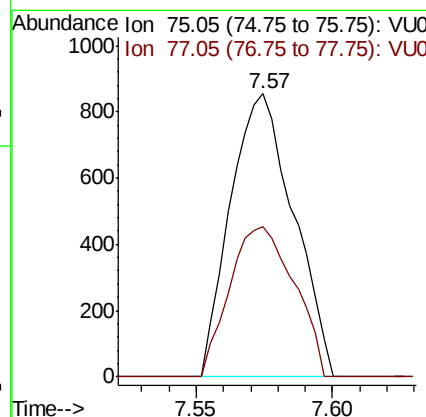
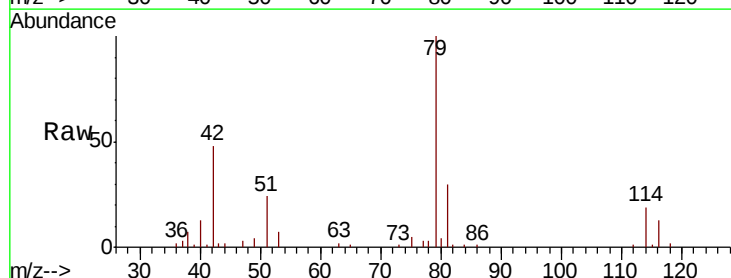
Instrument :
 MSVOA_U
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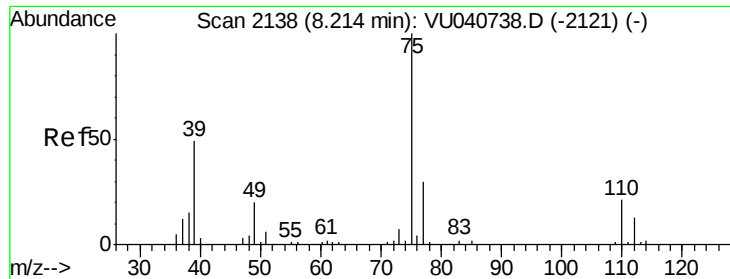
Tot Ion: 63 Resp: 6751
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040752.D
 Acq: 16 Oct 2020 17:05

Tgt Ion: 75 Resp: 1376
 Ion Ratio Lower Upper
 75 100
 77 52.9 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040752.D

Acq: 16 Oct 2020 17:05

Instrument :

MSVOA_U

ClientSampleId :

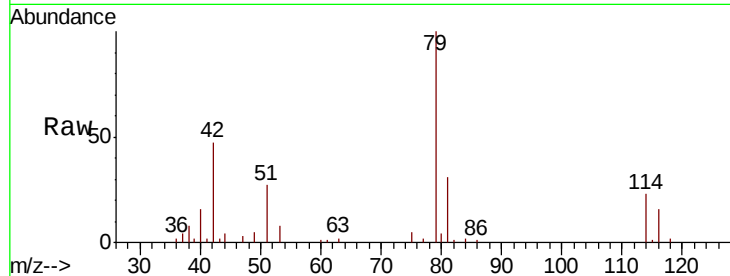
C0AJ6

Tot Ion: 75 Resp: 817

Ion Ratio Lower Upper

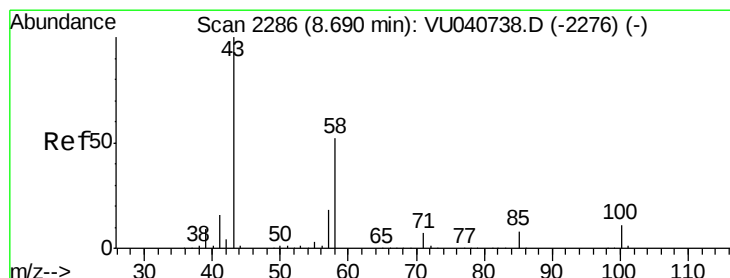
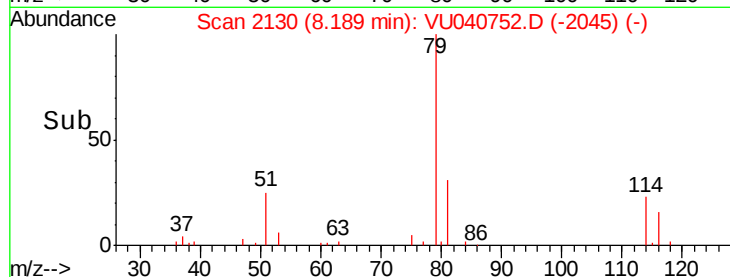
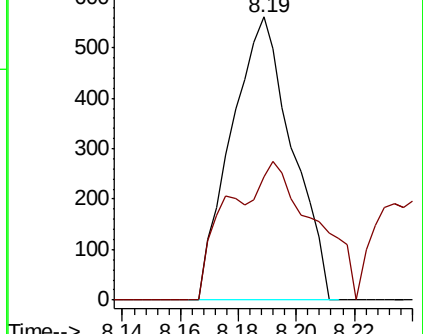
75 100

77 43.5 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 3.037 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040752.D

Acq: 16 Oct 2020 17:05

Tgt Ion: 43 Resp: 19349

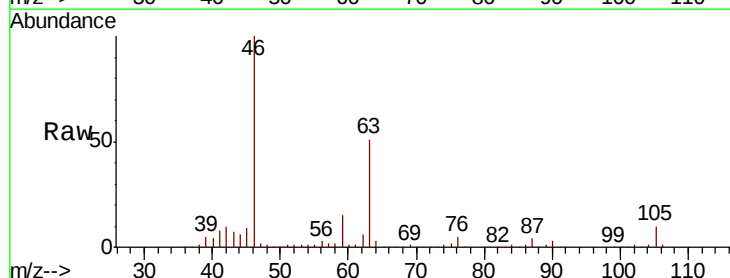
Ion Ratio Lower Upper

43 100

58 27.8 41.0 61.6#

57 29.0 14.4 21.6#

100 0.9 8.6 13.0#

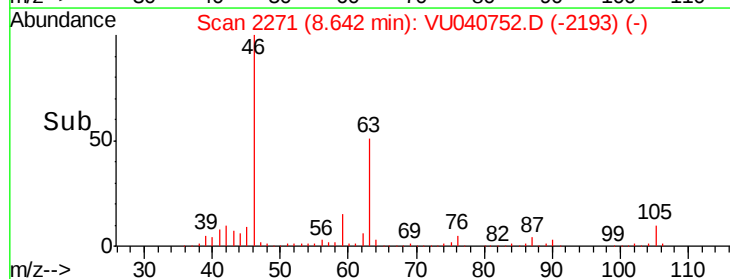
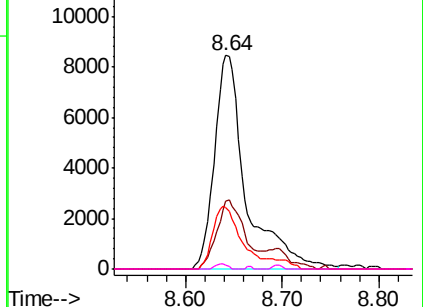


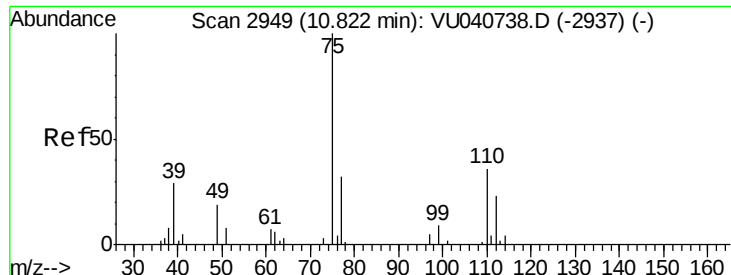
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 0.823 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040752.D

Acq: 16 Oct 2020 17:05

Instrument :

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ClientSampleId :

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Tot Ion: 75 Resp: 6488

Ion Ratio Lower Upper

75 100

77 37.7 26.4 39.6

