

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100220\
 Data File : VU040457.D
 Acq On : 02 Oct 2020 13:47
 Operator : SY/MD
 Sample : L4186-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 00:17:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 03 00:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126229	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125990	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54119	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33742	5.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.00%
7) Chloroethane-d5	1.92	69	27954	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.58	63	54123	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.66	46	129974	41.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.74%
24) Chloroform-d	5.08	84	65381	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.72	65	43425	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.74	84	130702	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.70	67	43933	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	111425	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	8.19	79	17288	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.64	63	88062	39.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36664	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42298	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

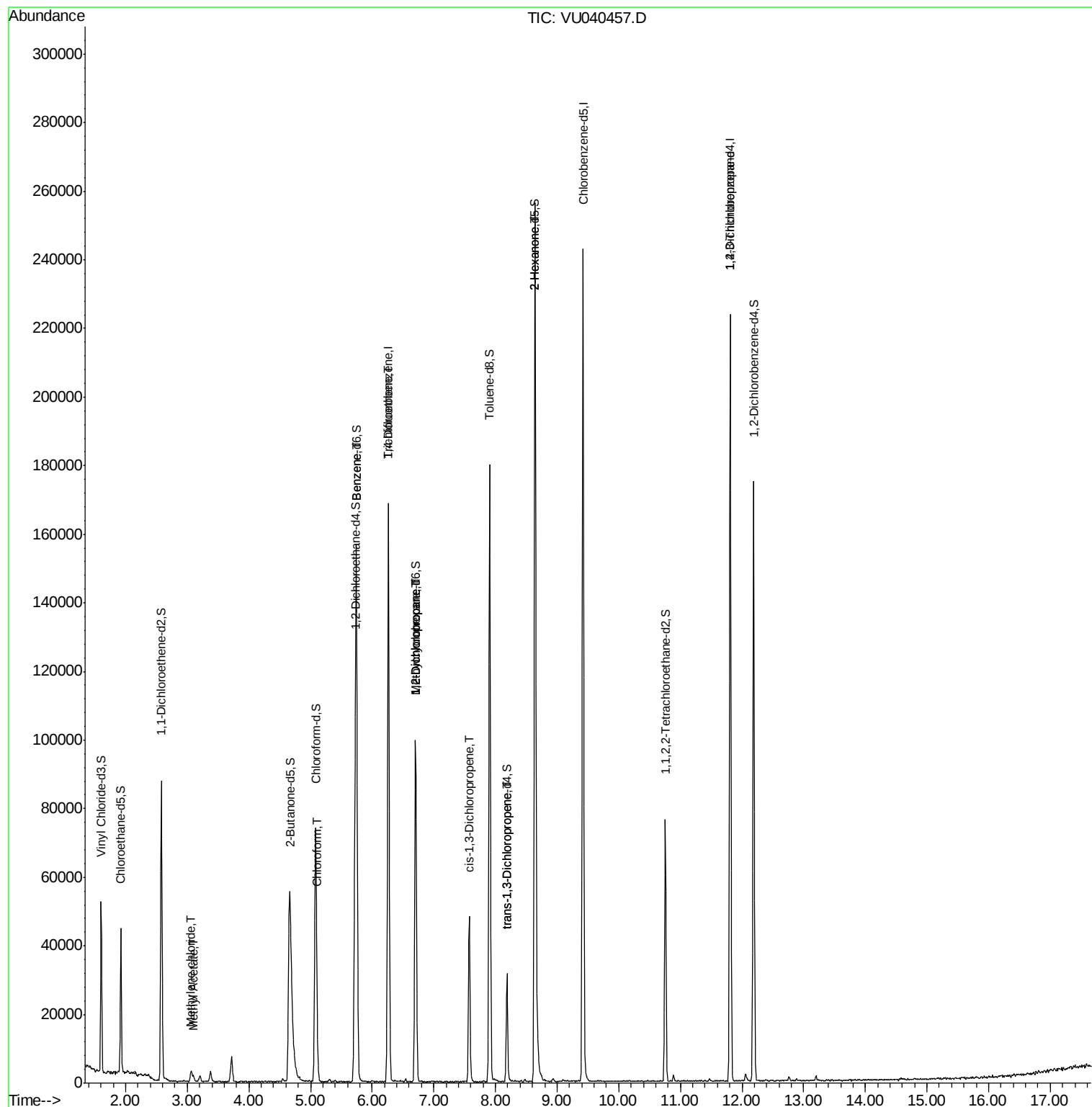
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	3.10	43	1475	0.237	ug/L #	56
16) Methylene chloride	3.06	84	1571	0.130	ug/L #	76
25) Chloroform	5.11	83	4415	0.212	ug/L	81
33) Benzene	5.74	78	1047	0.025	ug/L	100
34) Trichloroethene	6.27	95	2589	0.231	ug/L #	8
35) Methylcyclohexane	6.70	83	10407	0.633	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	5097	0.433	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1242	0.079	ug/L	93
44) trans-1,3-Dichloropropene	8.18	75	860	0.059	ug/L	86
48) 2-Hexanone	8.64	43	14497	2.136	ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	7123	0.835	ug/L #	83

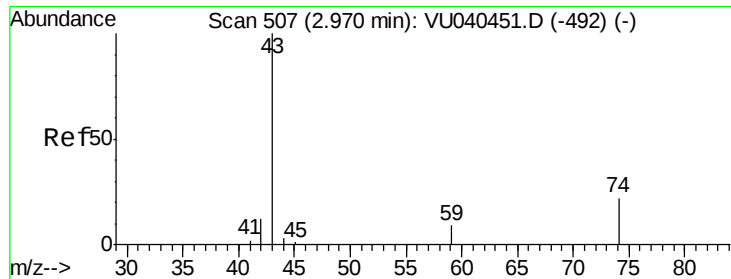
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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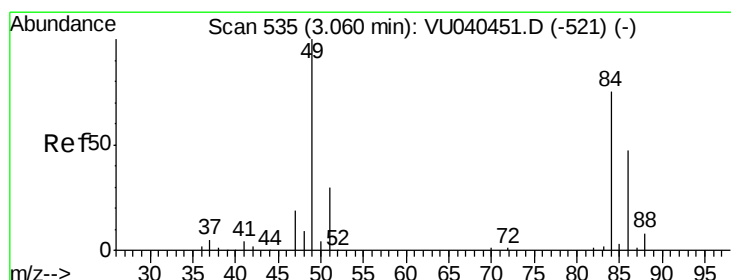
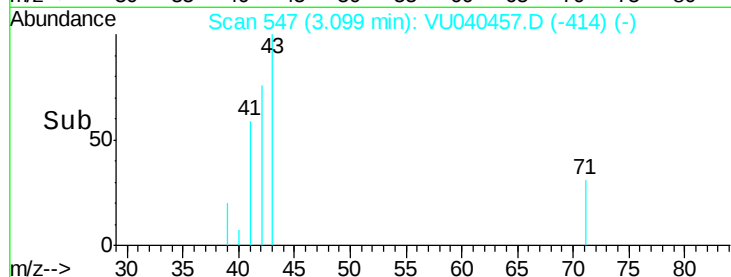
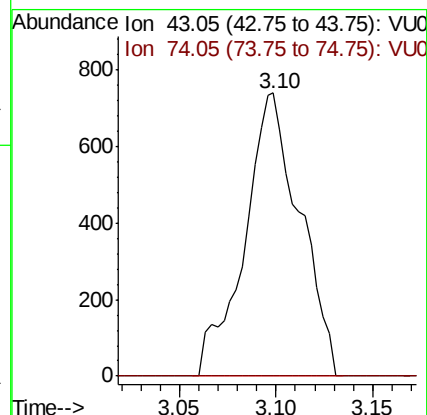
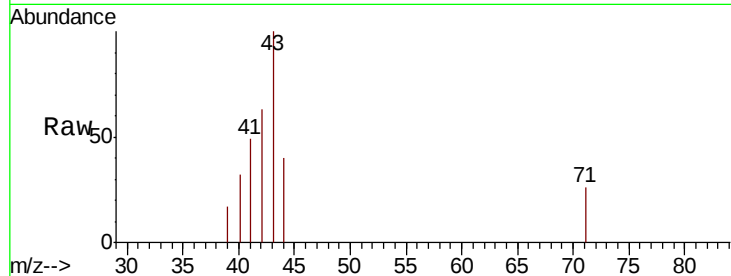




#15
Methvl Acetate
Concen: 0.237 ug/L
RT: 3.10 min Scan# 547
Delta R.T. 0.13 min
Lab File: VU040457.D
Acq: 02 Oct 2020 13:47

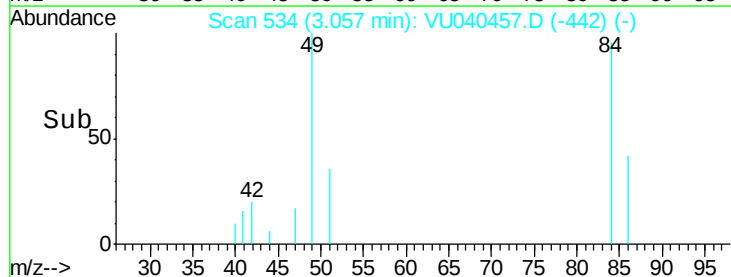
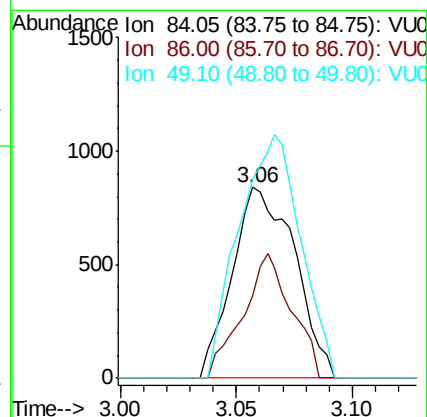
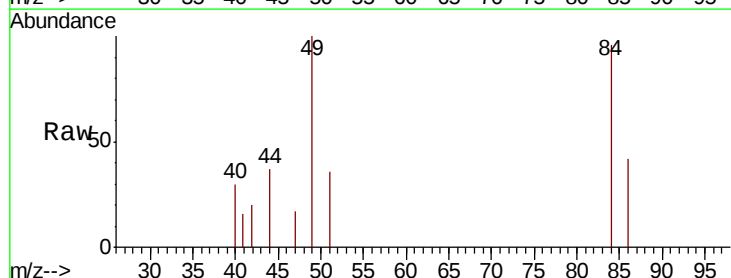
Instrument :
MSVOA_U
ClientSampleId :

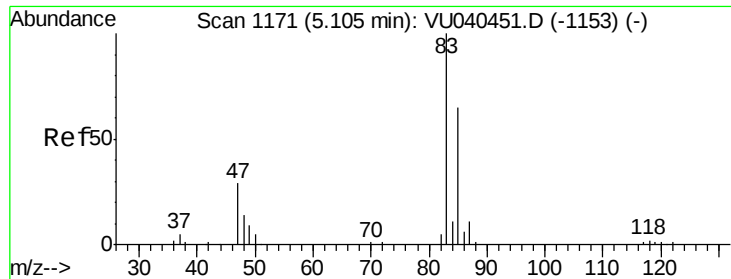
Tot Ion: 43 Resp: 1475
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#16
Methylene chloride
Concen: 0.130 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU040457.D
Acq: 02 Oct 2020 13:47

Tgt Ion: 84 Resp: 1571
Ion Ratio Lower Upper
84 100
86 43.4 44.4 82.5#
49 104.3 92.2 171.2

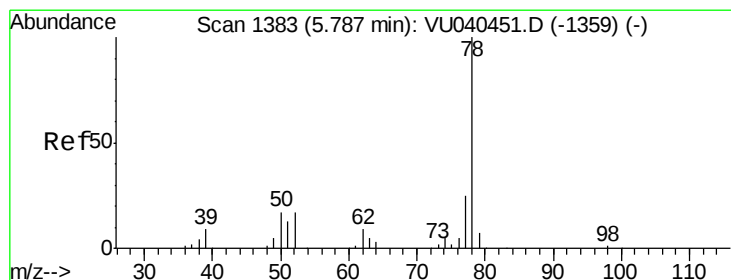
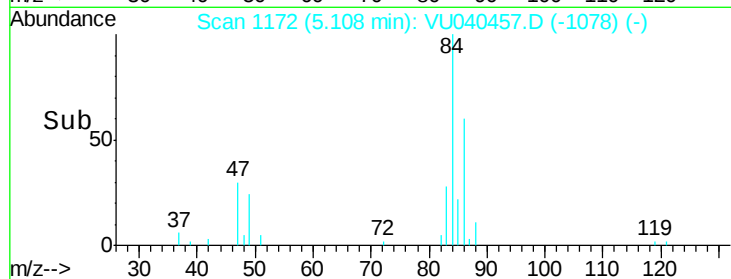
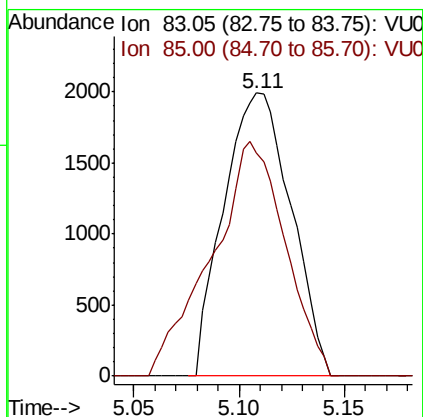
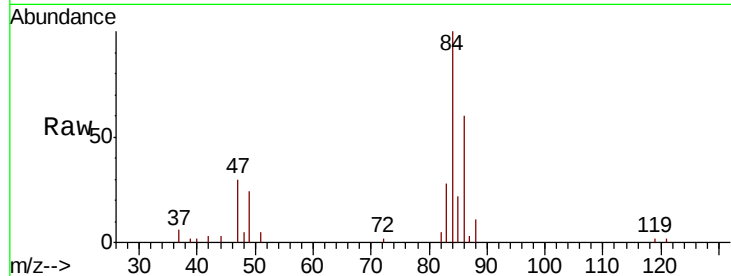




#25
Chloroform
Concen: 0.212 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040457.D
Acq: 02 Oct 2020 13:47

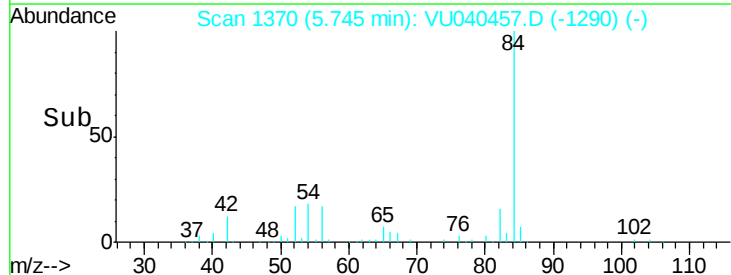
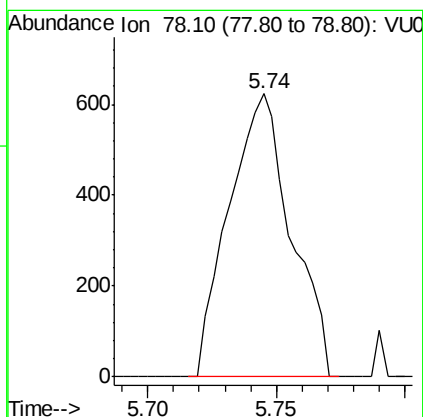
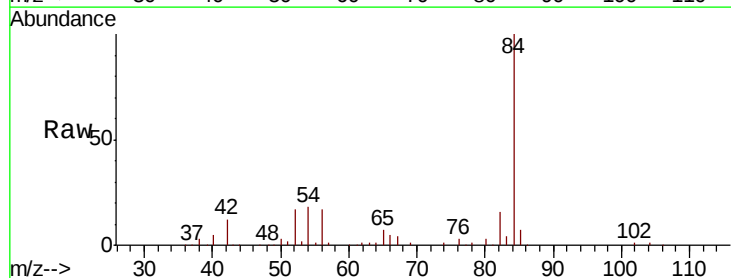
Instrument :
MSVOA_U
ClientSampled :

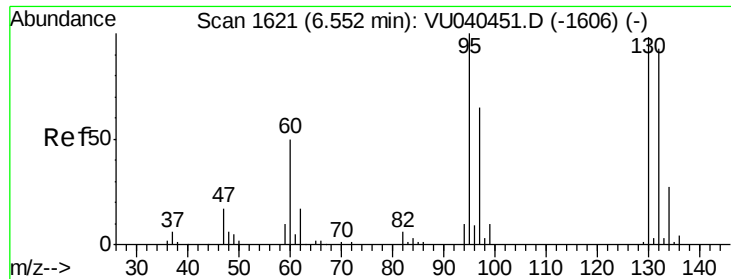
Tot Ion: 83 Resp: 4415
Ion Ratio Lower Upper
83 100
85 78.8 44.6 82.8



#33
Benzene
Concen: 0.025 ug/L
RT: 5.74 min Scan# 1370
Delta R.T. -0.04 min
Lab File: VU040457.D
Acq: 02 Oct 2020 13:47

Tgt Ion: 78 Resp: 1047





#34

Trichloroethene

Concen: 0.231 ug/L

RT: 6.27 min Scan# 1532

Delta R.T. -0.29 min

Lab File: VU040457.D

Acq: 02 Oct 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 2589

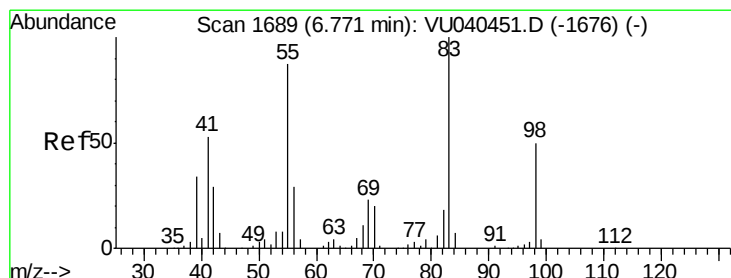
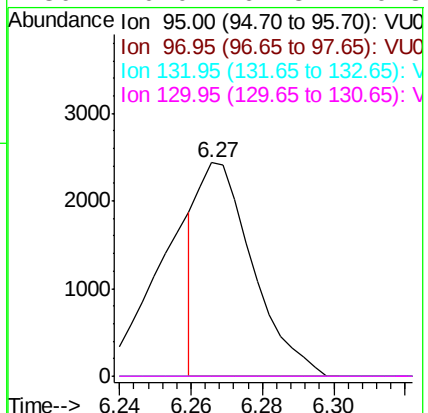
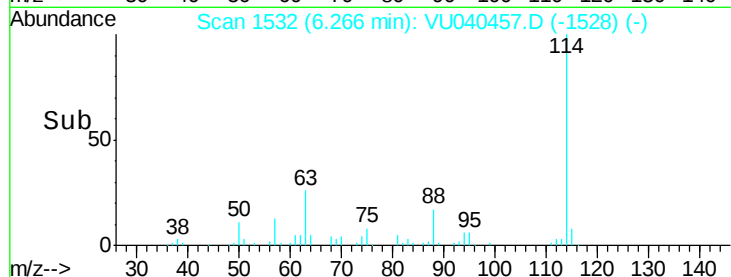
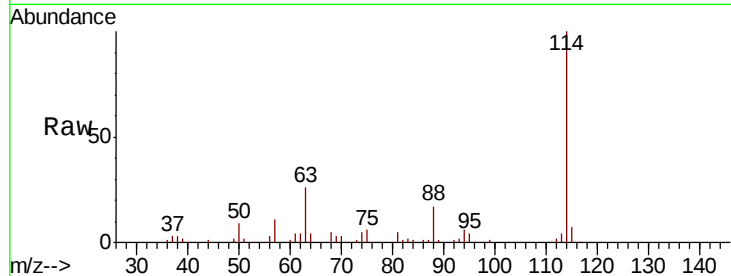
Ion Ratio Lower Upper

95 100

97 0.0 46.3 85.9#

132 0.0 60.5 112.3#

130 0.0 64.3 119.3#



#35

Methylcyclohexane

Concen: 0.633 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040457.D

Acq: 02 Oct 2020 13:47

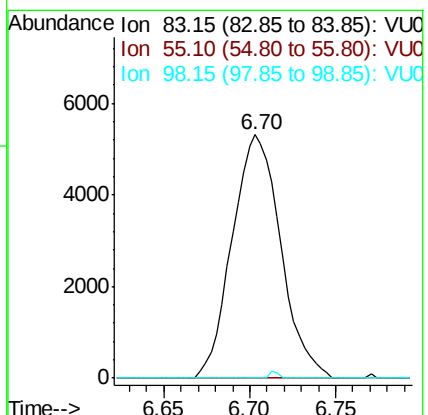
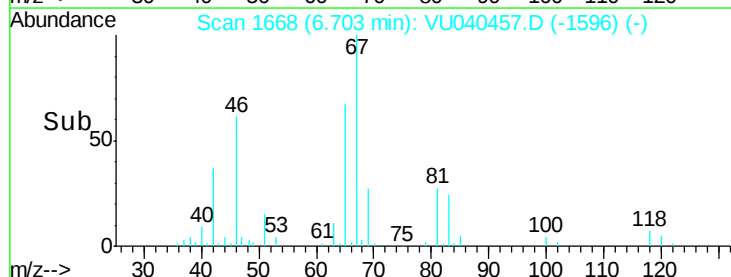
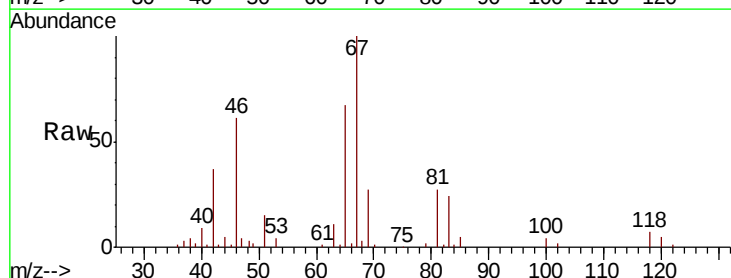
Tgt Ion: 83 Resp: 10407

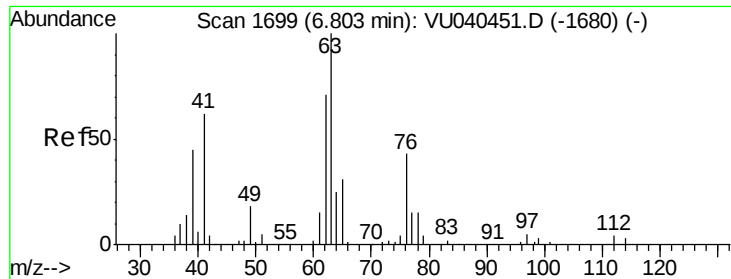
Ion Ratio Lower Upper

83 100

55 0.0 71.4 107.2#

98 0.5 38.5 57.7#

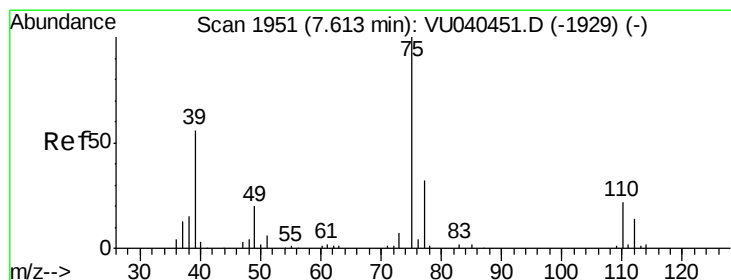
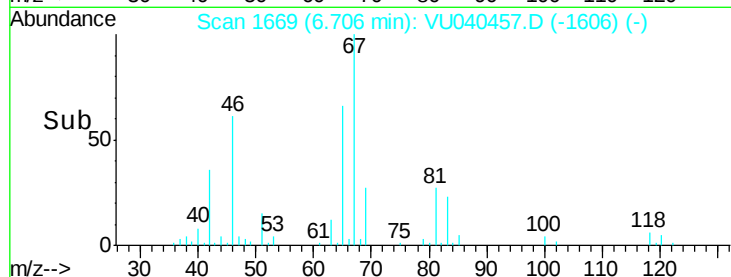
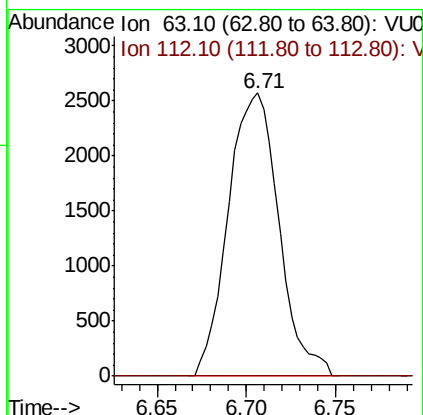
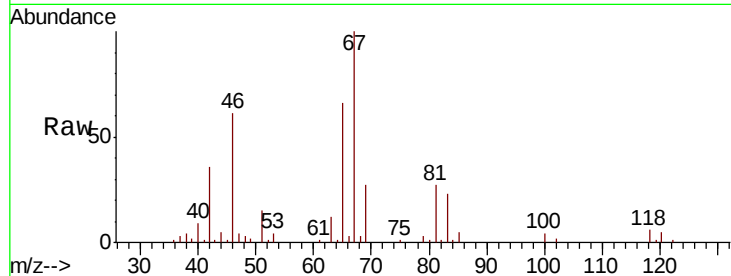




#37
 1,2-Dichloropropane
 Concen: 0.433 ug/L
 RT: 6.71 min Scan# 1669
 Delta R.T. -0.10 min
 Lab File: VU040457.D
 Acq: 02 Oct 2020 13:47

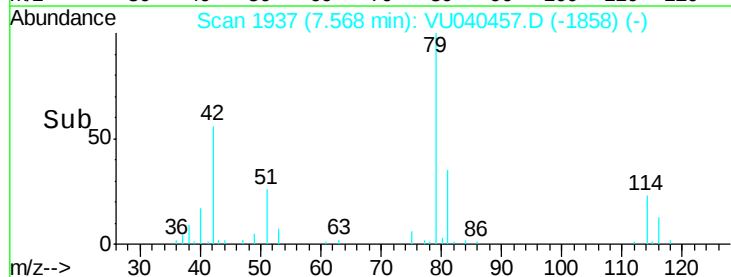
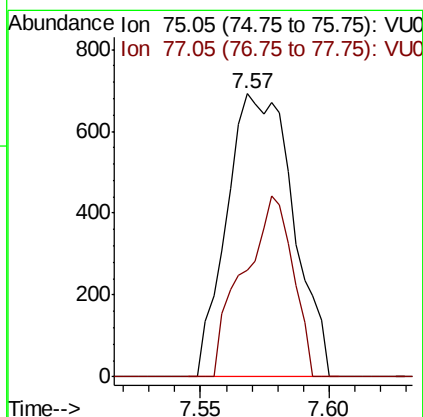
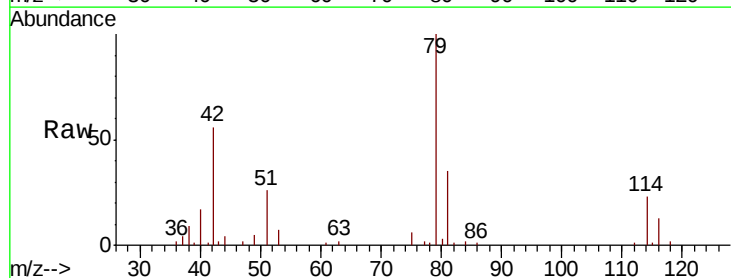
Instrument :
 MSVOA_U
 ClientSampleId :

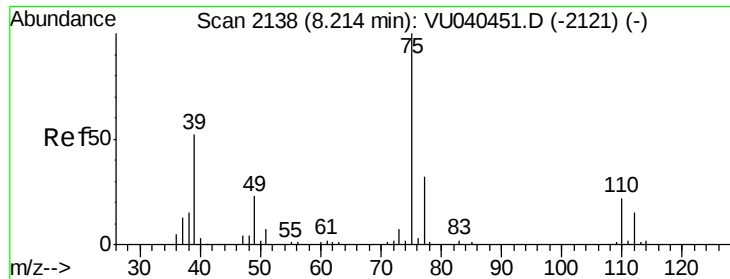
Tot Ion: 63 Resp: 5097
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040457.D
 Acq: 02 Oct 2020 13:47

Tgt Ion: 75 Resp: 1242
 Ion Ratio Lower Upper
 75 100
 77 37.7 23.5 43.7





#44

trans-1,3-Dichloropropene

Concen: 0.059 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040457.D

Acq: 02 Oct 2020 13:47

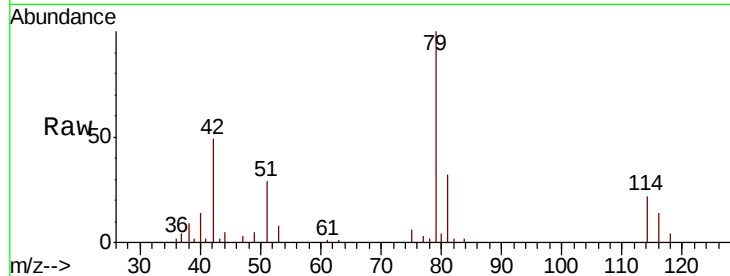
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 75 Resp: 860

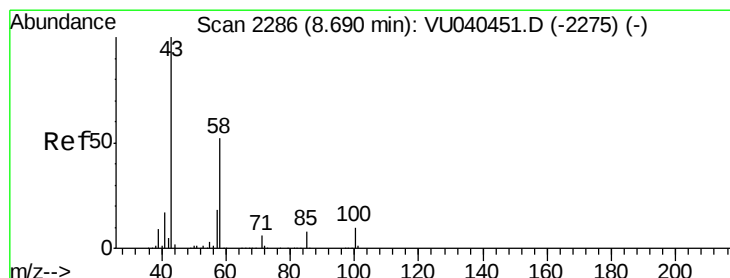
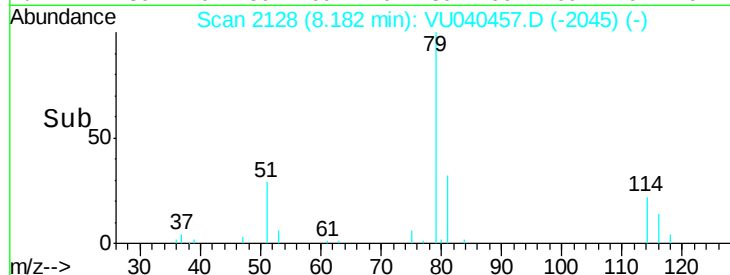
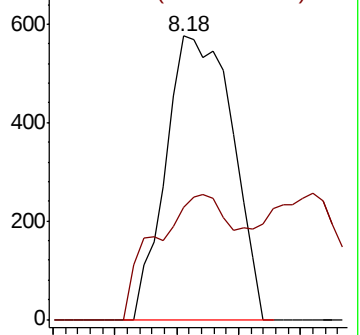
Ion Ratio Lower Upper

75 100

77 39.6 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU040451.D (-2121) (-)



#48

2-Hexanone

Concen: 2.136 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040457.D

Acq: 02 Oct 2020 13:47

Tgt Ion: 43 Resp: 14497

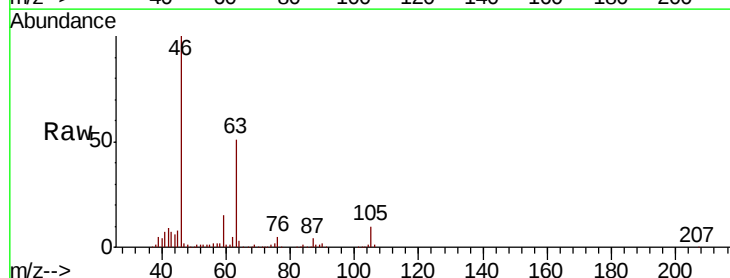
Ion Ratio Lower Upper

43 100

58 25.5 41.0 61.4#

57 26.7 14.6 22.0#

100 0.0 8.2 12.4#

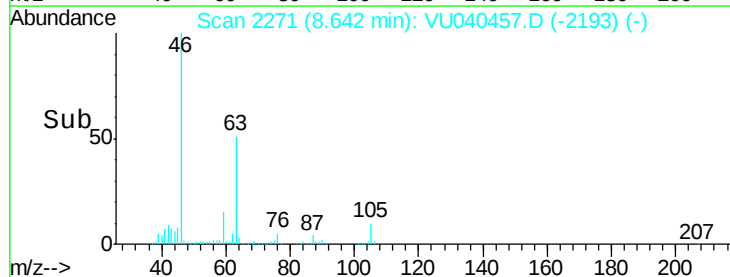
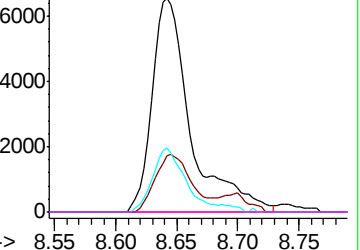


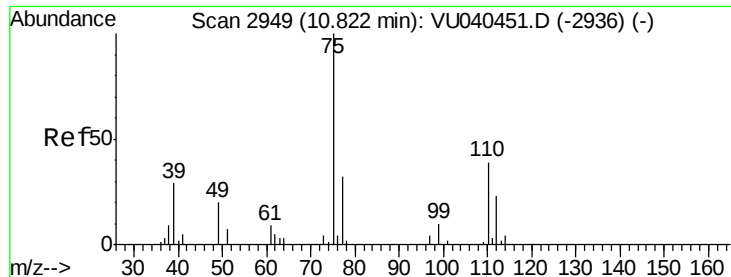
Abundance Ion 43.05 (42.75 to 43.75): VU040451.D (-2275) (-)

Ion 58.05 (57.75 to 58.75): VU040451.D (-2275) (-)

Ion 57.20 (56.90 to 57.90): VU040451.D (-2275) (-)

Ion 100.15 (99.85 to 100.85): VU040451.D (-2275) (-)





#59

1,2,3-Trichloropropane

Concen: 0.835 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040457.D

Acq: 02 Oct 2020 13:47

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7123

Ion Ratio Lower Upper

75 100

77 41.4 25.7 38.5#

