

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040131.D
 Acq On : 14 Sep 2020 20:18
 Operator : SY/MD
 Sample : L4001-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 02:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107672	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	110420	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48600	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29944	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.92	69	26600	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.58	63	53554	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.66	46	116225	49.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.86%
24) Chloroform-d	5.08	84	64601	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.72	65	39404	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.74	84	119752	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	38208	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.91	98	94610	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	14782	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.64	63	81138	43.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33350	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	36137	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

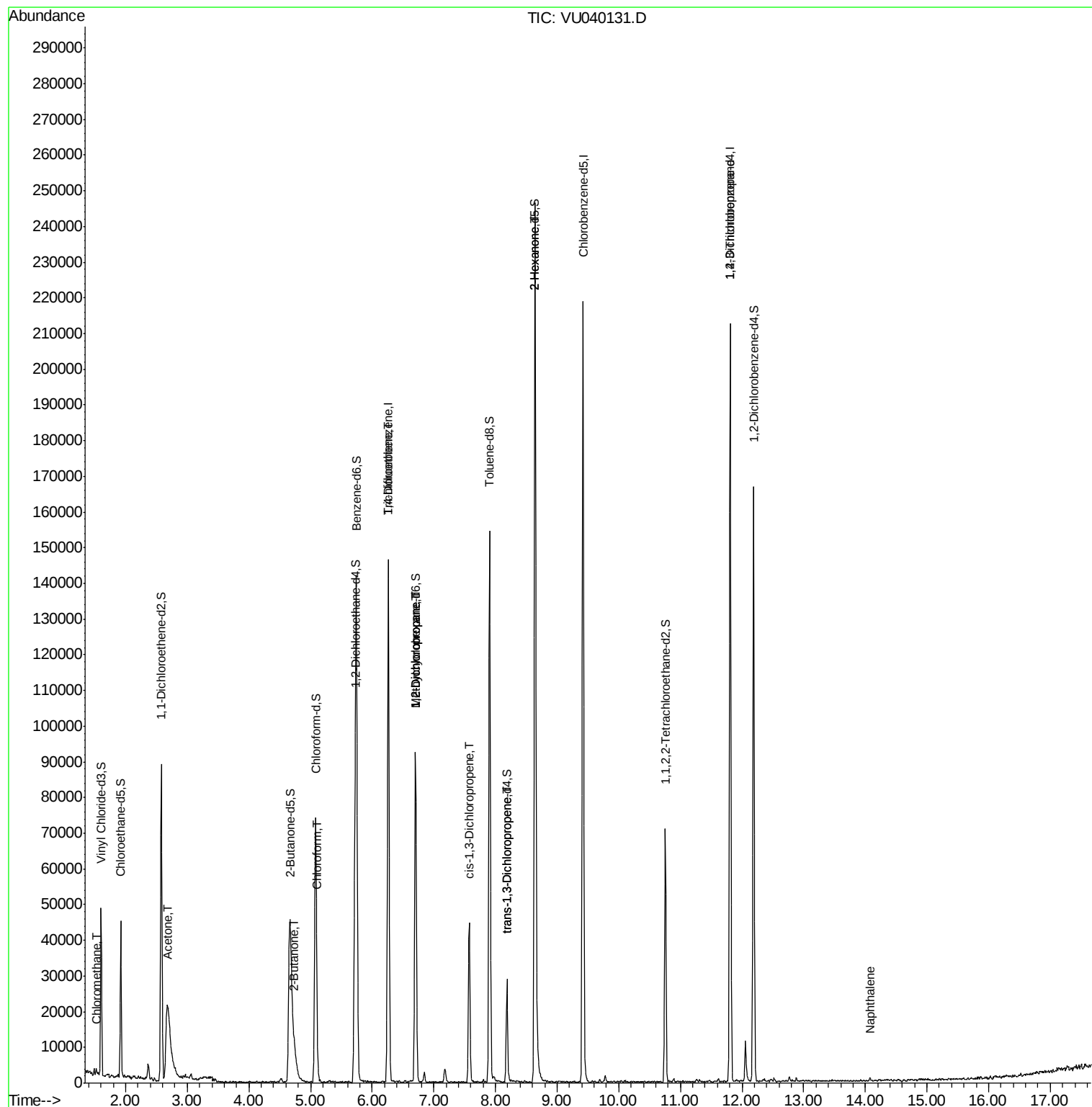
					Ovalue
3) Chloromethane	1.52	50	1428	0.140 ug/L	97
13) Acetone	2.68	43	77996	35.832 ug/L	87
21) 2-Butanone	4.74	43	3371	0.949 ug/L	96
25) Chloroform	5.11	83	2546	0.135 ug/L	92
34) Trichloroethene	6.27	95	1988	0.188 ug/L #	9
35) Methylcyclohexane	6.70	83	9564	0.589 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4512	0.422 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1182	0.075 ug/L #	64
44) trans-1,3-Dichloropropene	8.19	75	573	0.039 ug/L #	1
48) 2-Hexanone	8.64	43	13635	2.130 ug/L #	71
59) 1,2,3-Trichloropropane	11.81	75	7265	0.917 ug/L #	82
69) Naphthalene	14.07	128	993	0.044 ug/L #	74

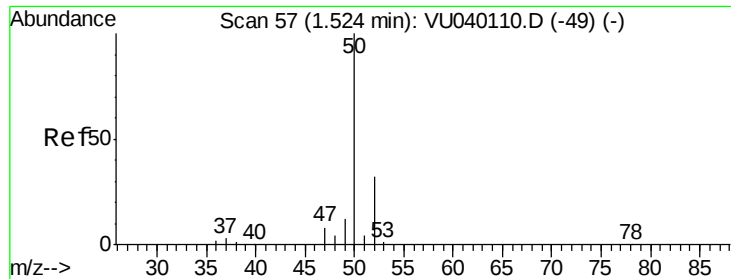
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.140 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040131.D

Acq: 14 Sep 2020 20:18

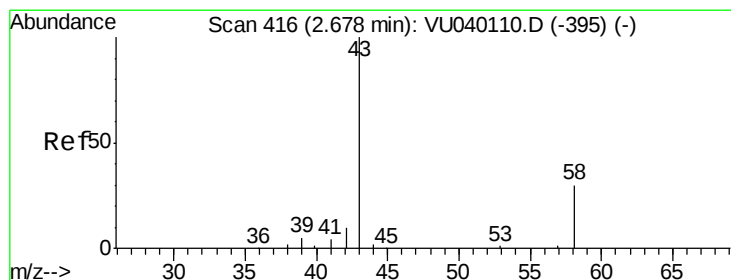
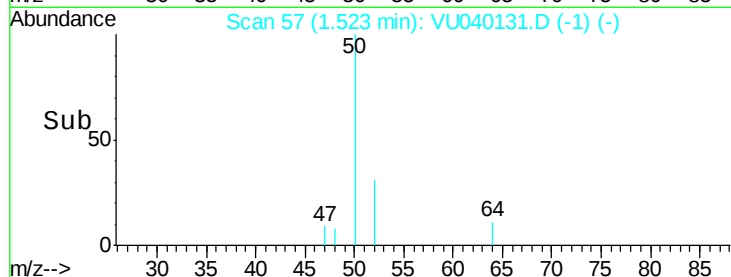
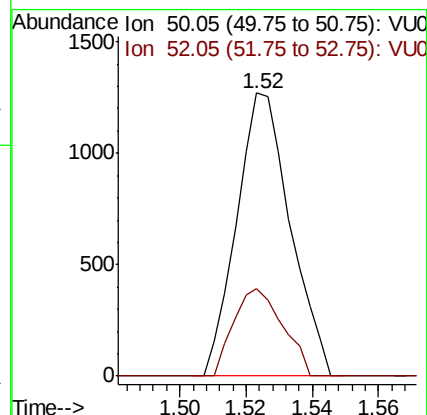
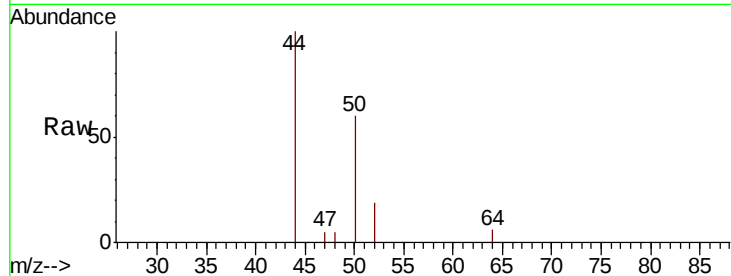
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 50 Resp: 1428

Ion Ratio Lower Upper

50 100

52 30.9 22.8 42.4



#13

Acetone

Concen: 35.832 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU040131.D

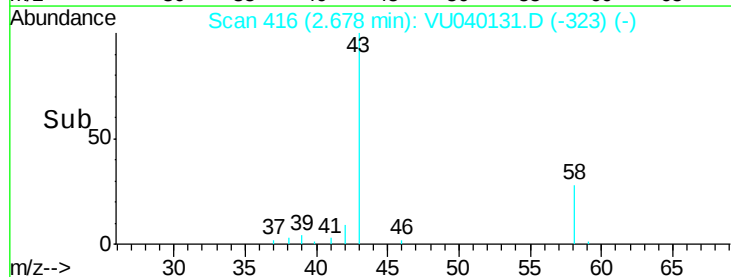
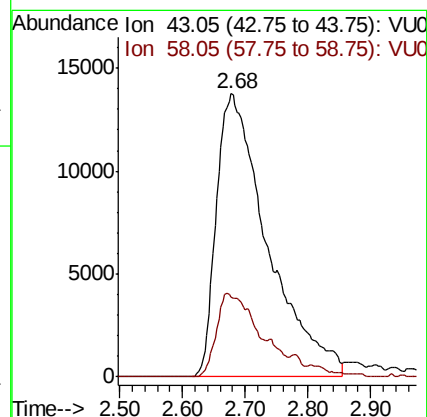
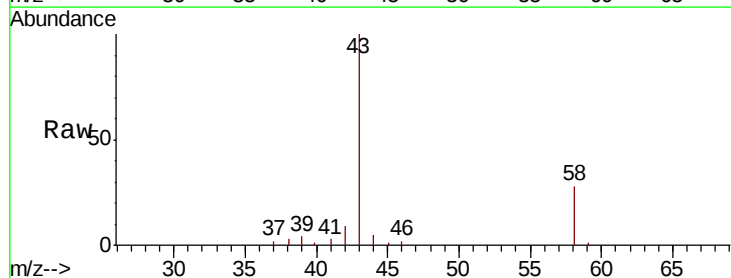
Acq: 14 Sep 2020 20:18

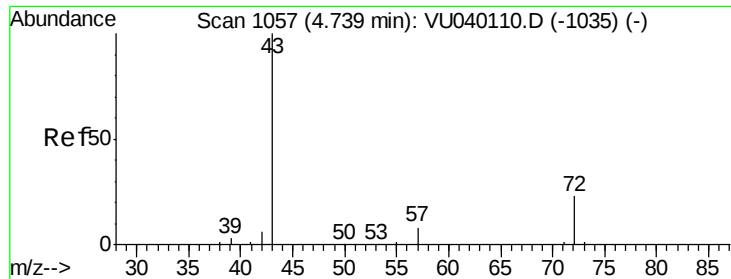
Tgt Ion: 43 Resp: 77996

Ion Ratio Lower Upper

43 100

58 20.8 0.0 55.4





#21

2-Butanone

Concen: 0.949 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. -0.00 min

Lab File: VU040131.D

Acq: 14 Sep 2020 20:18

Instrument :

MSVOA_U

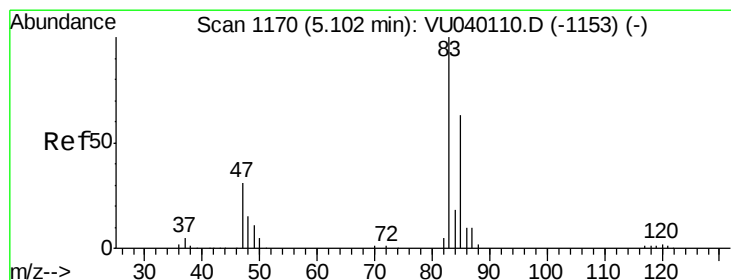
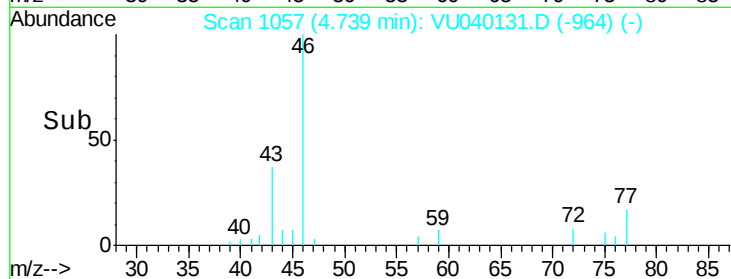
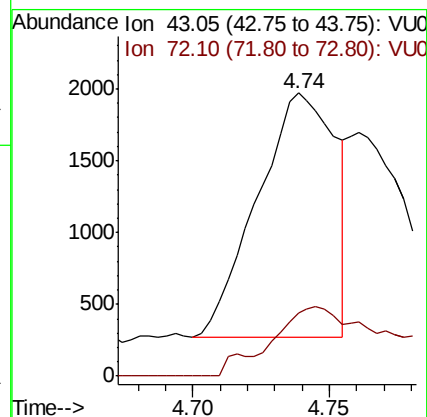
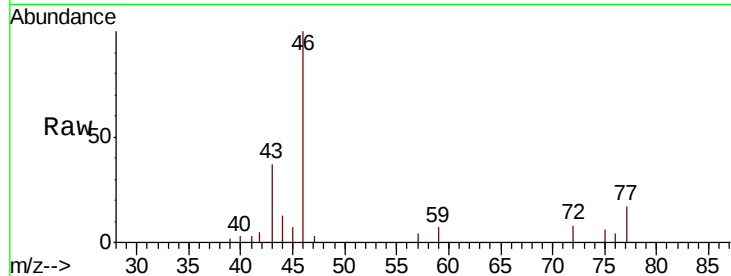
ClientSampleId :

Tot Ion: 43 Resp: 3371

Ion Ratio Lower Upper

43 100

72 25.3 11.7 35.0



#25

Chloroform

Concen: 0.135 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU040131.D

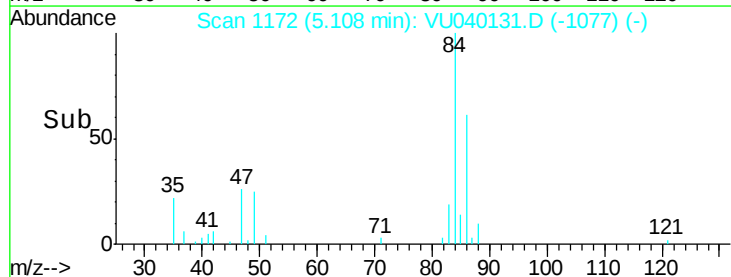
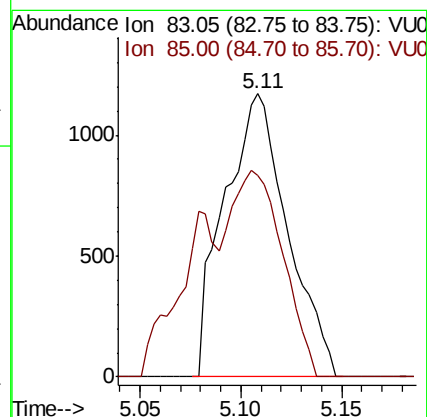
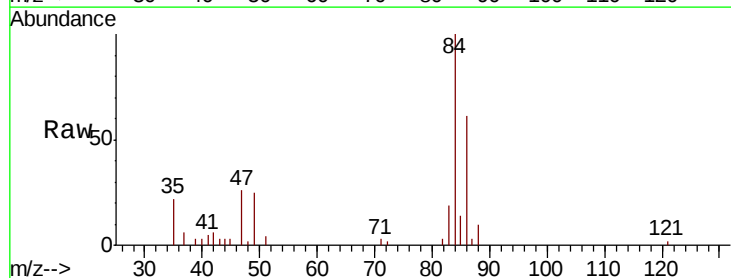
Acq: 14 Sep 2020 20:18

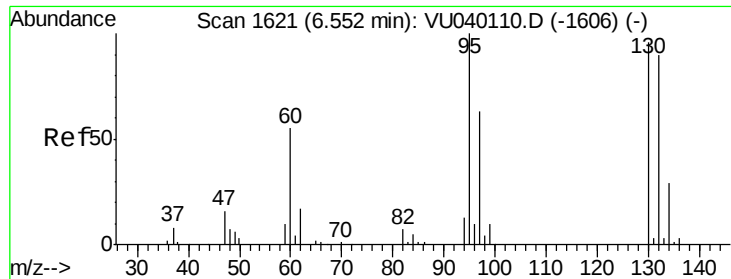
Tgt Ion: 83 Resp: 2546

Ion Ratio Lower Upper

83 100

85 71.2 45.3 84.1

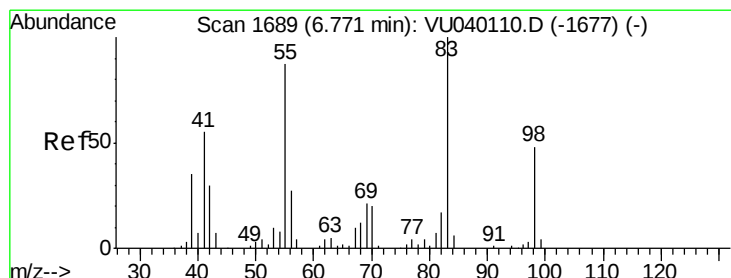
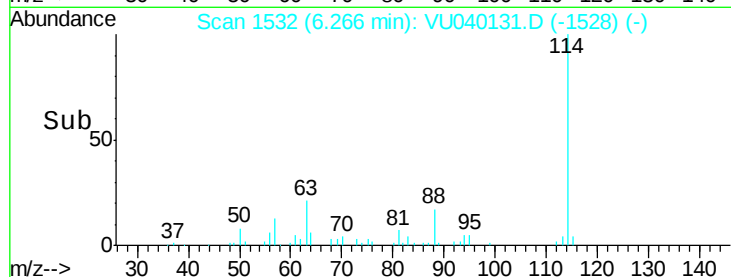
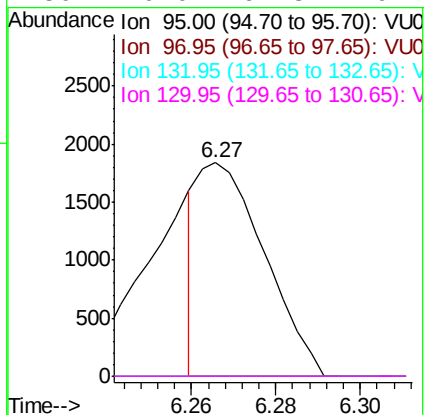
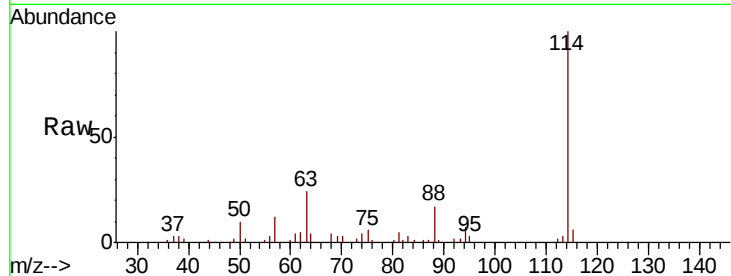




#34
 Trichloroethene
 Concen: 0.188 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040131.D
 Acq: 14 Sep 2020 20:18

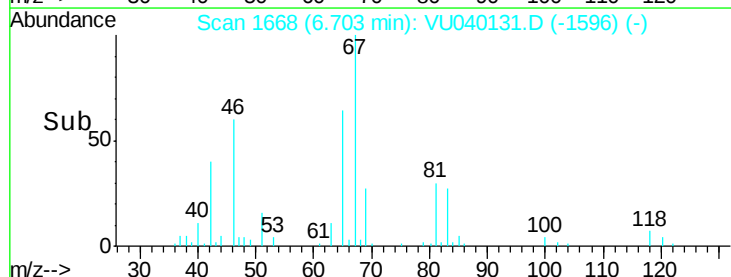
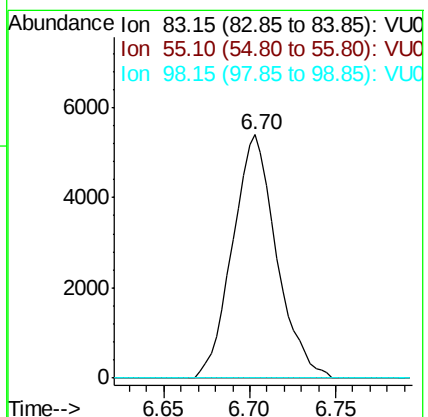
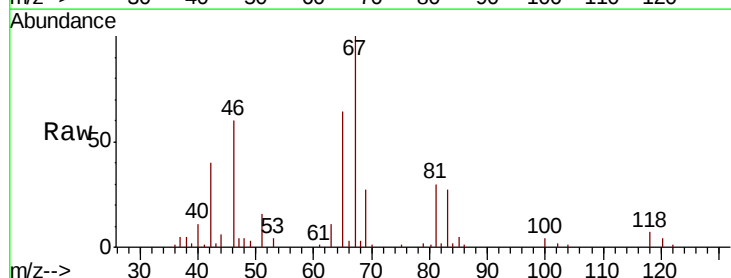
Instrument :
 MSVOA_U
 ClientSampled :

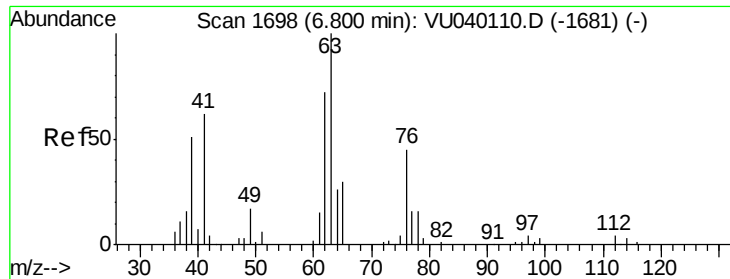
Tot Ion: 95 Resp: 1988
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.3 80.5#
 132 0.0 59.4 110.4#
 130 0.0 64.8 120.4#



#35
 Methylcyclohexane
 Concen: 0.589 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.07 min
 Lab File: VU040131.D
 Acq: 14 Sep 2020 20:18

Tgt Ion: 83 Resp: 9564
 Ion Ratio Lower Upper
 83 100
 55 0.0 70.5 105.7#
 98 0.2 37.8 56.6#

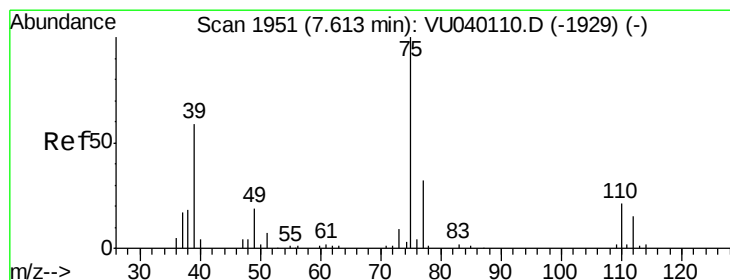
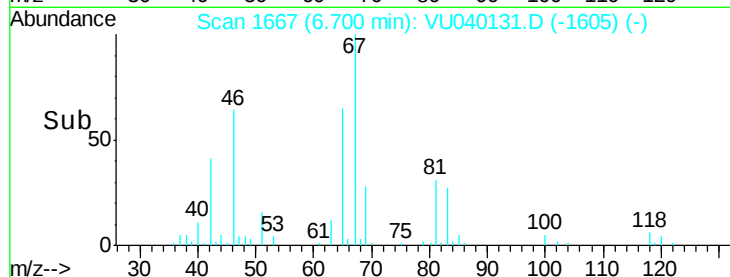
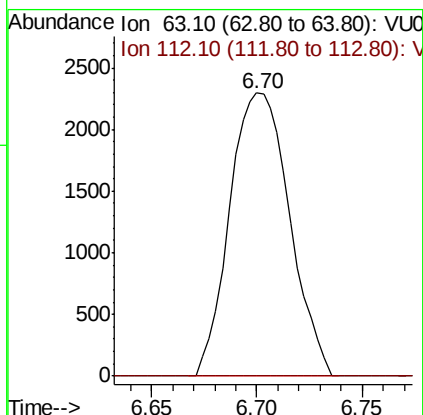
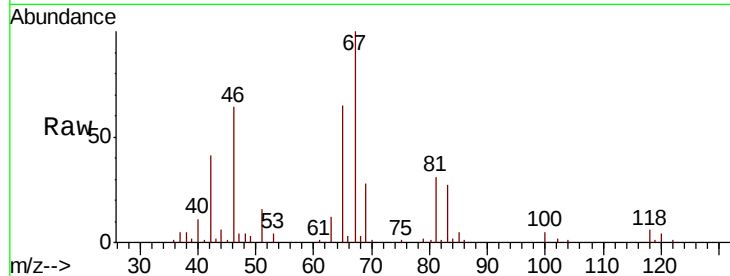




#37
 1,2-Dichloropropane
 Concen: 0.422 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040131.D
 Acq: 14 Sep 2020 20:18

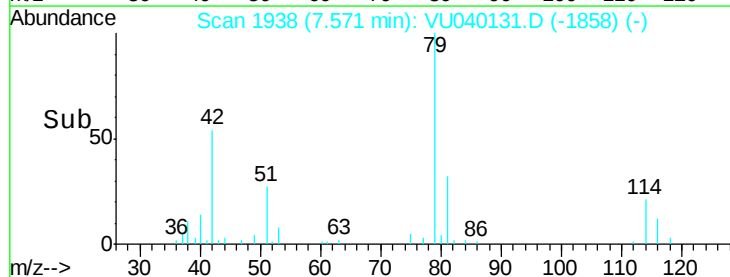
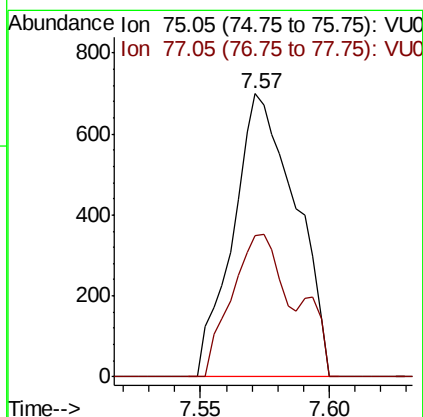
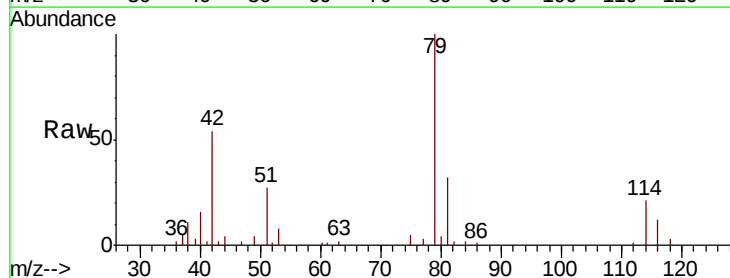
Instrument :
 MSVOA_U
 ClientSampled :

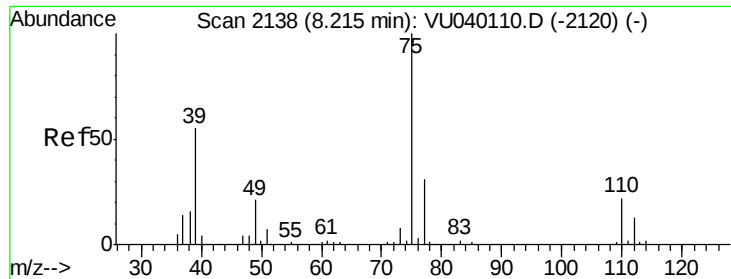
Tot Ion: 63 Resp: 4512
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040131.D
 Acq: 14 Sep 2020 20:18

Tgt Ion: 75 Resp: 1182
 Ion Ratio Lower Upper
 75 100
 77 49.9 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.039 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040131.D

Acq: 14 Sep 2020 20:18

Instrument :

MSVOA_U

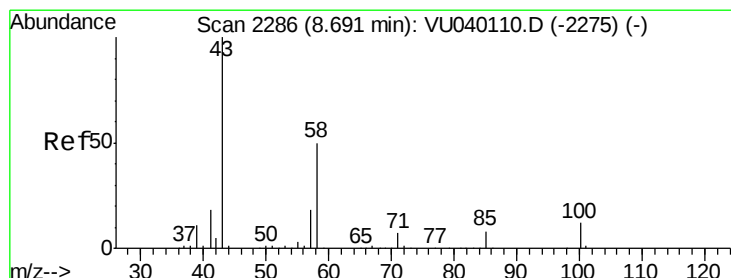
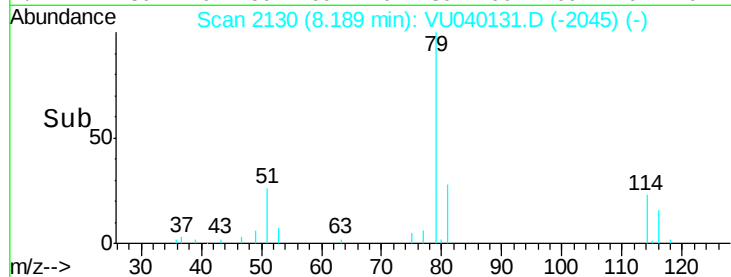
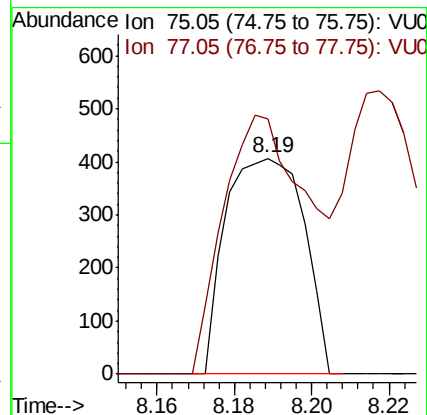
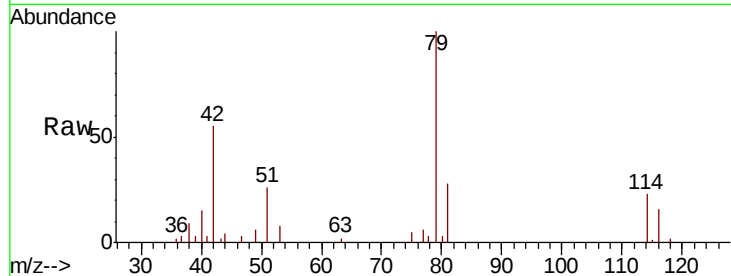
ClientSampleId :

Tot Ion: 75 Resp: 573

Ion Ratio Lower Upper

75 100

77 117.9 23.9 44.3#



#48

2-Hexanone

Concen: 2.130 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040131.D

Acq: 14 Sep 2020 20:18

Tgt Ion: 43 Resp: 13635

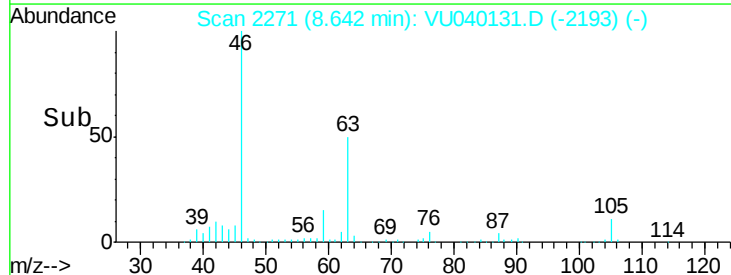
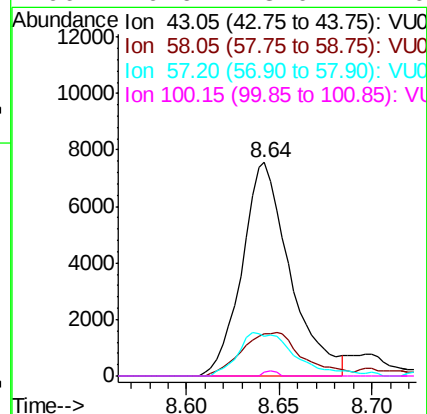
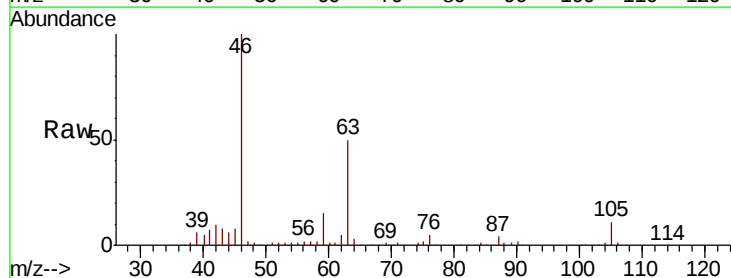
Ion Ratio Lower Upper

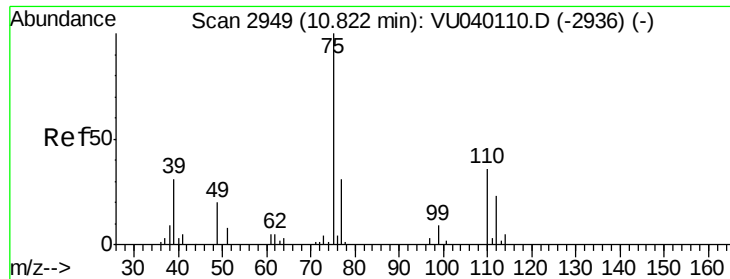
43 100

58 25.8 39.6 59.4#

57 23.9 14.3 21.5#

100 0.6 8.0 12.0#





#59

1,2,3-Trichloropropane

Concen: 0.917 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040131.D

Acq: 14 Sep 2020 20:18

Instrument :

MSVOA_U

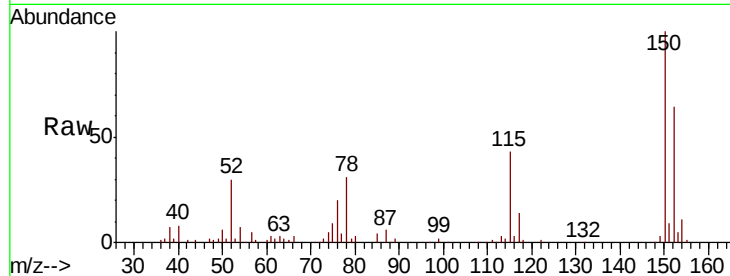
ClientSampleId :

Tot Ion: 75 Resp: 7265

Ion Ratio Lower Upper

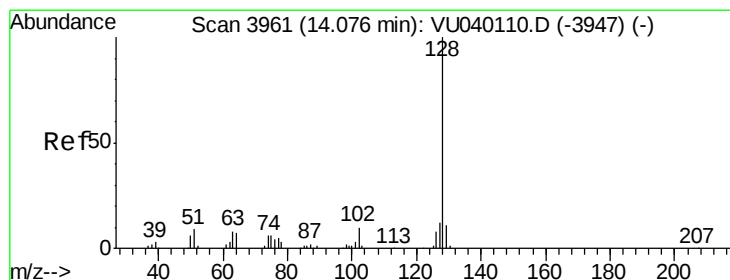
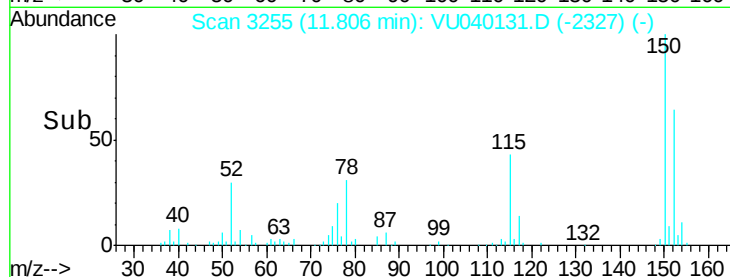
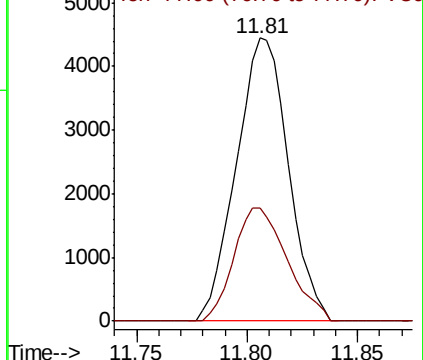
75 100

77 41.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#69

Naphthalene

Concen: 0.044 ug/L

RT: 14.07 min Scan# 3960

Delta R.T. -0.00 min

Lab File: VU040131.D

Acq: 14 Sep 2020 20:18

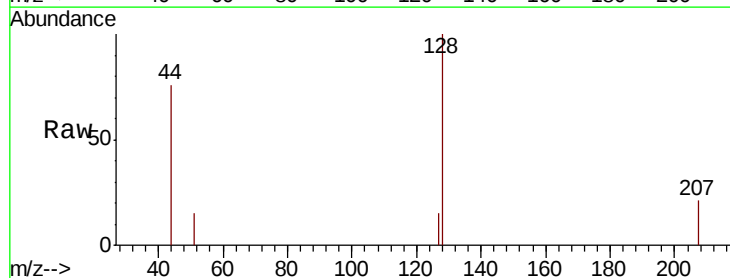
Tgt Ion: 128 Resp: 993

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 4.1 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

