

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091720\
 Data File : VU040181.D
 Acq On : 17 Sep 2020 15:10
 Operator : SY/MD
 Sample : L4041-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1

Quant Time: Sep 18 04:03:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 04:01:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130433	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	125340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29117	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.92	69	27625	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	49899	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.65	46	119484	41.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.90%
24) Chloroform-d	5.08	84	63382	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
26) 1,2-Dichloroethane-d4	5.72	65	44038	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.74	84	126773	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.70	67	41388	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.91	98	101455	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	8.19	79	17341	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.64	63	91725	43.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.40%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	37045	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	42024	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

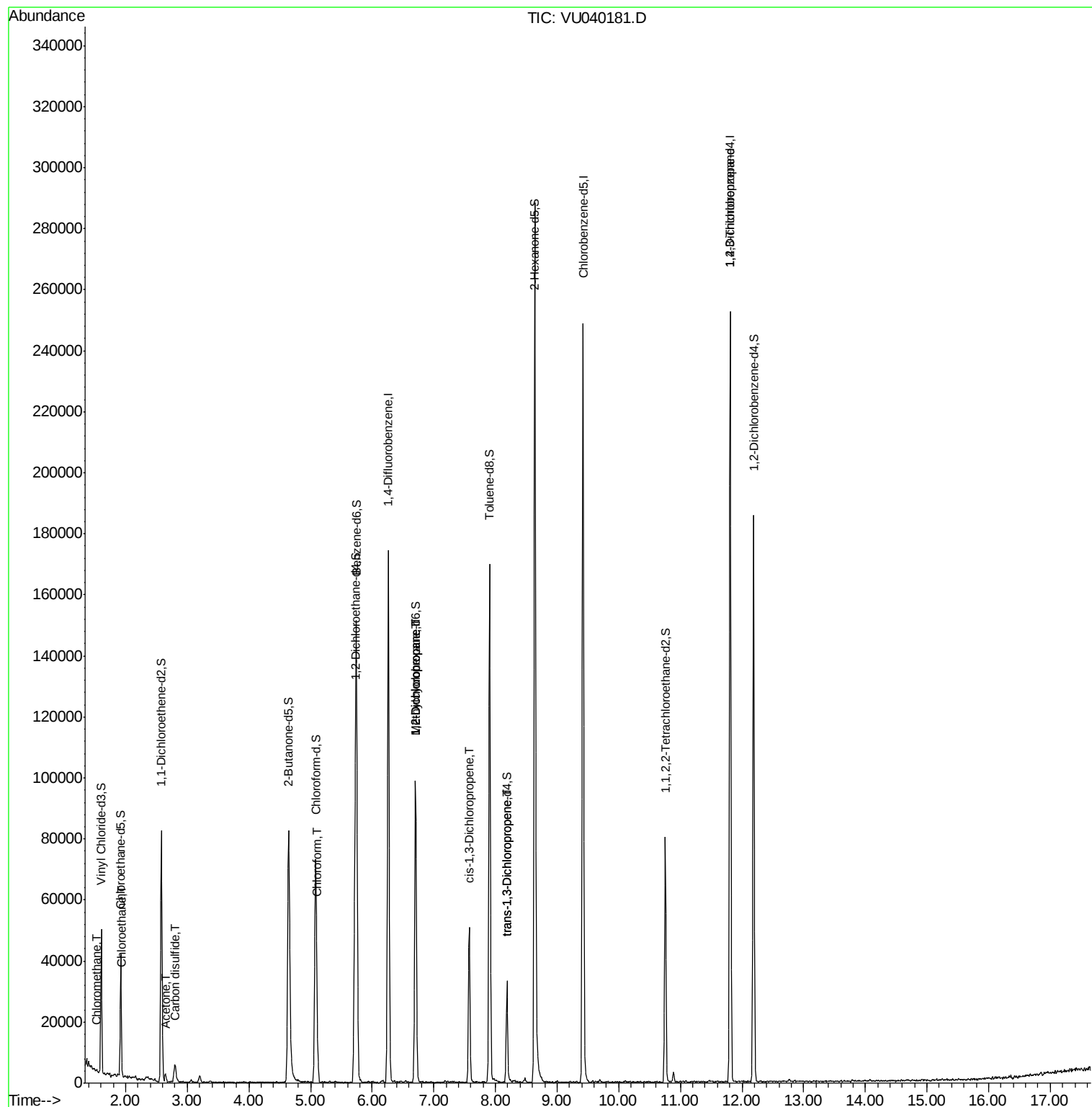
					Ovalue
3) Chloromethane	1.52	50	569	0.046	ug/L 100
8) Chloroethane	1.94	64	332	0.044	ug/L 98
13) Acetone	2.65	43	3279	1.244	ug/L 73
14) Carbon disulfide	2.80	76	1485	0.046	ug/L # 75
25) Chloroform	5.11	83	7761	0.339	ug/L 93
35) Methylcyclohexane	6.70	83	10690	0.580	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5269	0.434	ug/L # 88
39) cis-1,3-Dichloropropene	7.57	75	1441	0.080	ug/L # 58
44) trans-1,3-Dichloropropene	8.19	75	945	0.057	ug/L # 43
59) 1,2,3-Trichloropropane	11.81	75	9139	1.016	ug/L 93

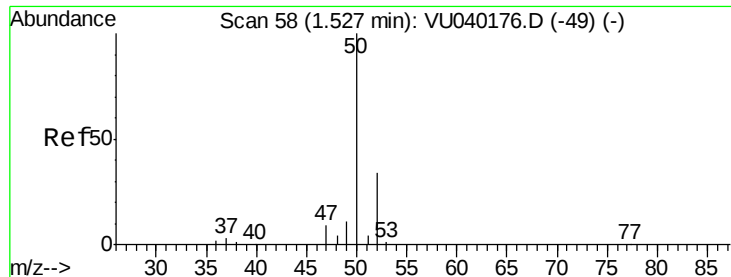
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.046 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU040181.D

Acq: 17 Sep 2020 15:10

Instrument :

MSVOA_U

ClientSampled :

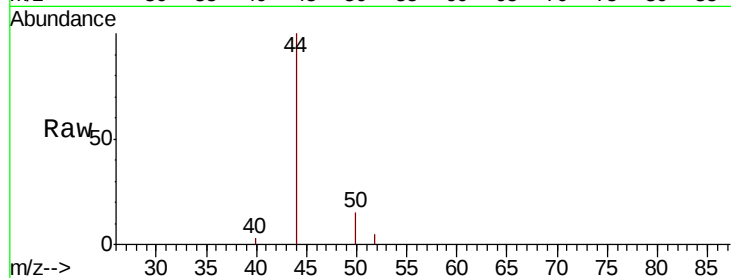
C0AE1

Tot Ion: 50 Resp: 569

Ion Ratio Lower Upper

50 100

52 32.6 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.52

500

400

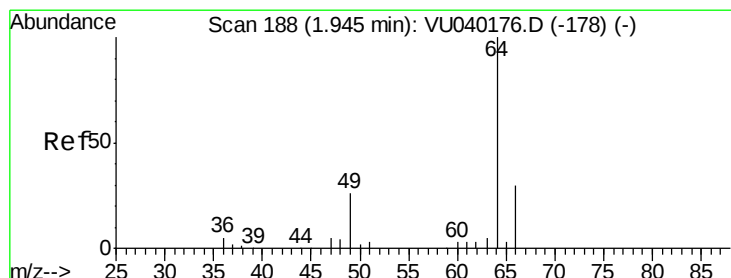
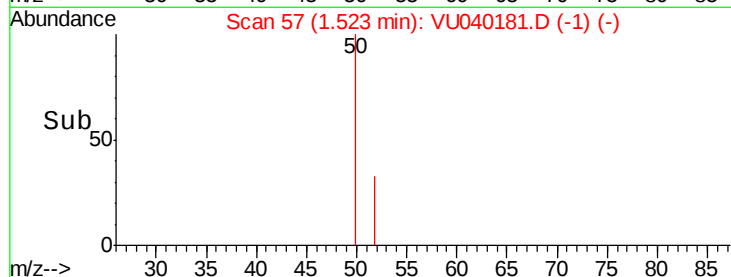
300

200

100

0

Time-->



#8

Chloroethane

Concen: 0.044 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040181.D

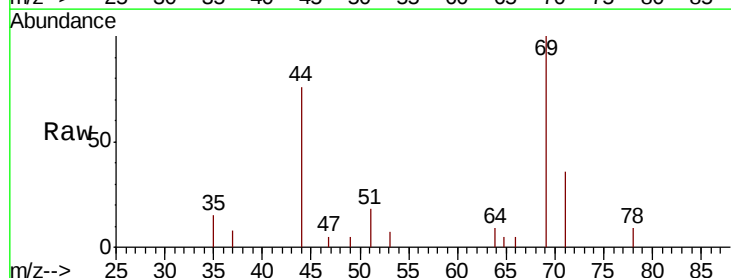
Acq: 17 Sep 2020 15:10

Tgt Ion: 64 Resp: 332

Ion Ratio Lower Upper

64 100

66 33.8 22.7 42.1



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.94

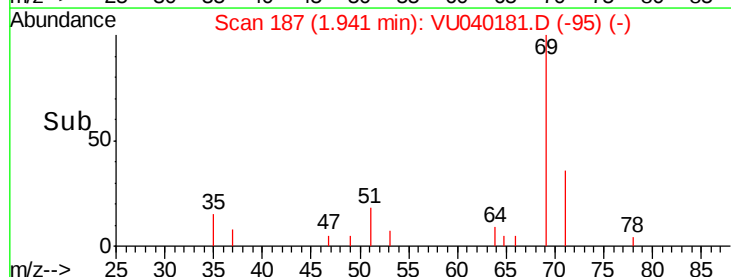
300

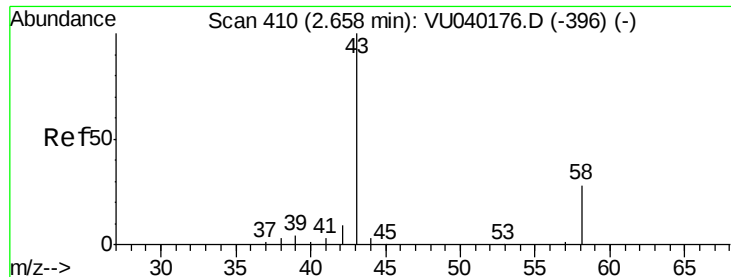
200

100

0

Time-->





#13

Acetone

Concen: 1.244 ug/L

RT: 2.65 min Scan# 406

Delta R.T. -0.01 min

Lab File: VU040181.D

Acq: 17 Sep 2020 15:10

Instrument :

MSVOA_U

ClientSampled :

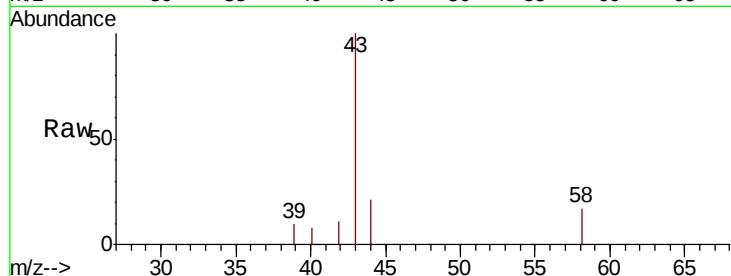
C0AE1

Tot Ion: 43 Resp: 3279

Ion Ratio Lower Upper

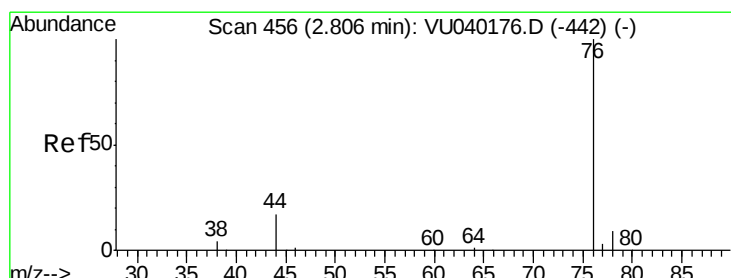
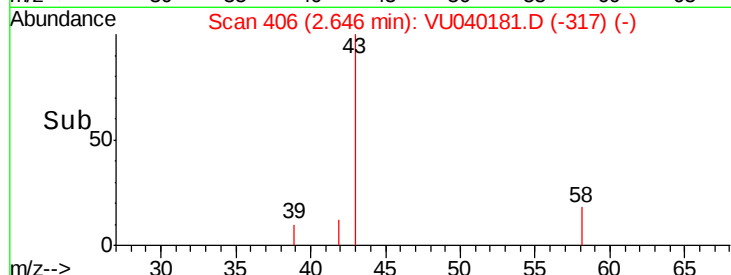
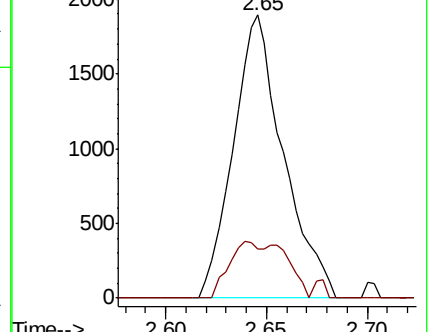
43 100

58 13.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040181.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU040181.D (-317) (-)



#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU040181.D

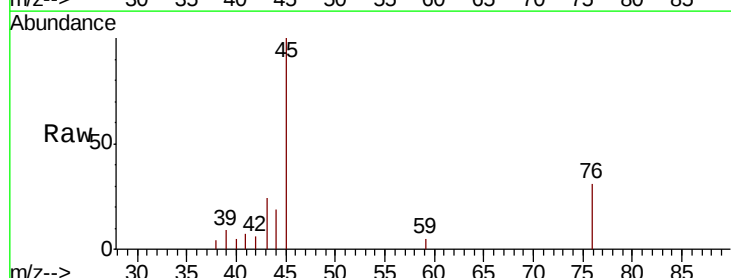
Acq: 17 Sep 2020 15:10

Tgt Ion: 76 Resp: 1485

Ion Ratio Lower Upper

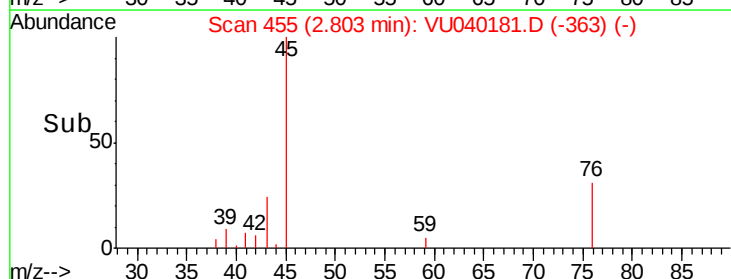
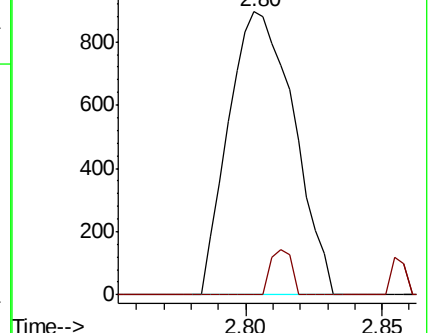
76 100

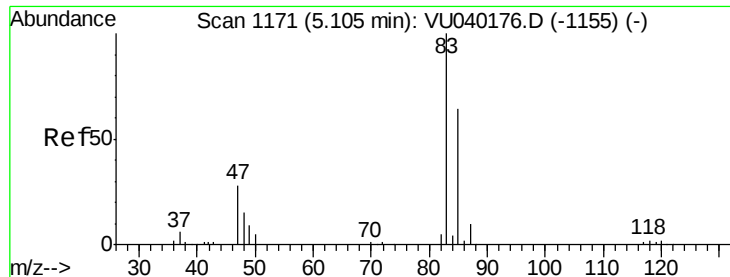
78 0.0 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU040181.D (-363) (-)

Ion 78.00 (77.70 to 78.70): VU040181.D (-363) (-)

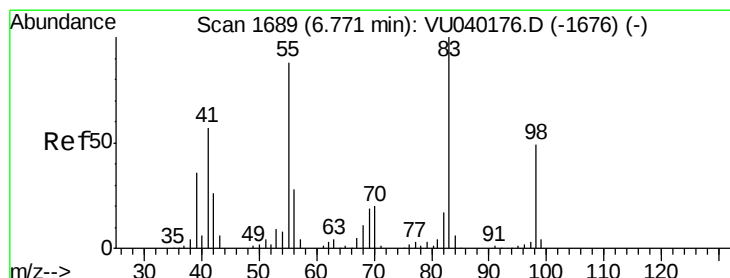
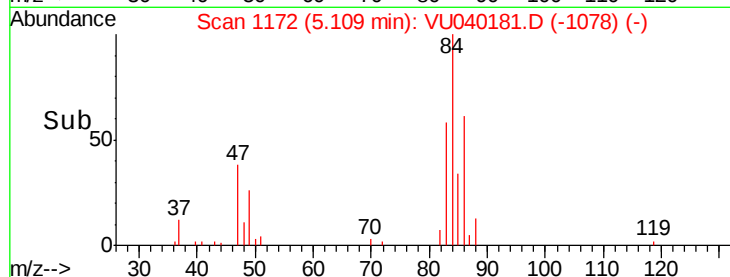
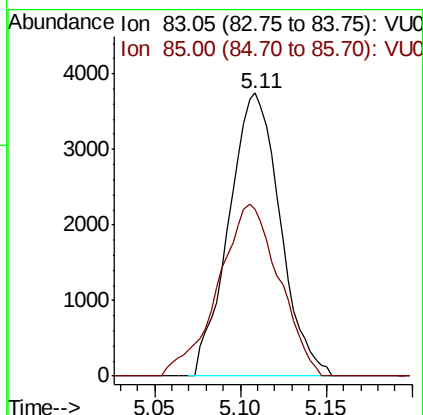
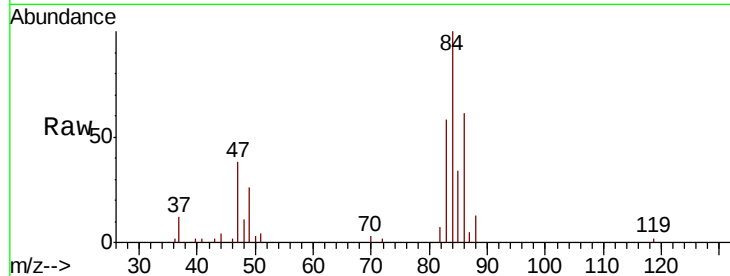




#25
Chloroform
Concen: 0.339 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040181.D
Acq: 17 Sep 2020 15:10

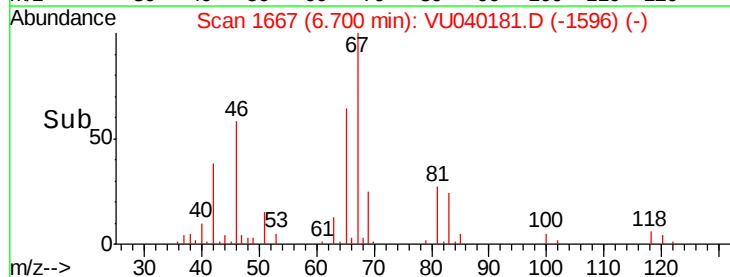
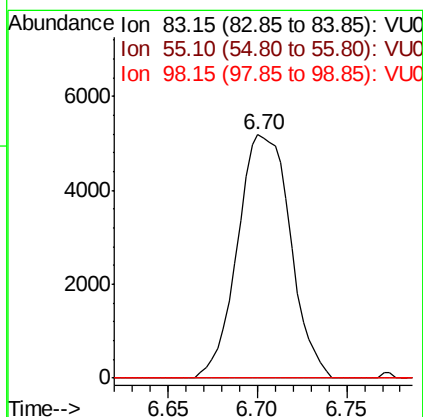
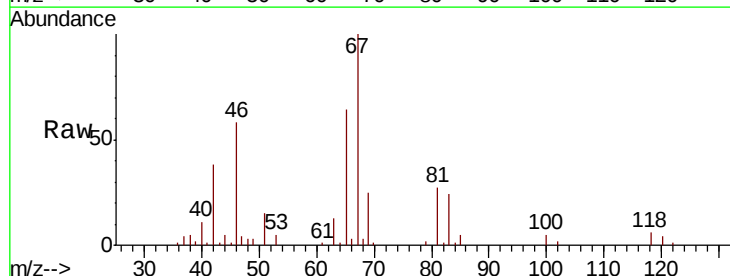
Instrument :
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ClientSampleId :
C0AE1

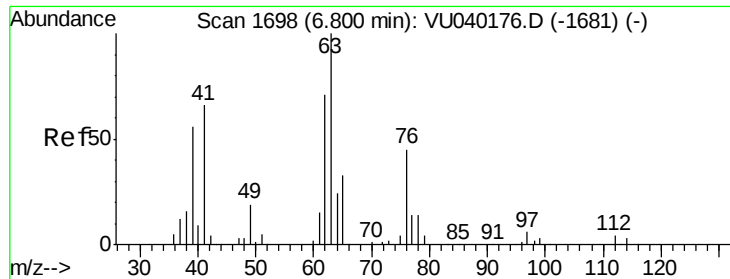
Tot Ion: 83 Resp: 7761
Ion Ratio Lower Upper
83 100
85 58.8 45.3 84.1



#35
Methylcyclohexane
Concen: 0.580 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040181.D
Acq: 17 Sep 2020 15:10

Tgt Ion: 83 Resp: 10690
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.4 37.8 56.6#

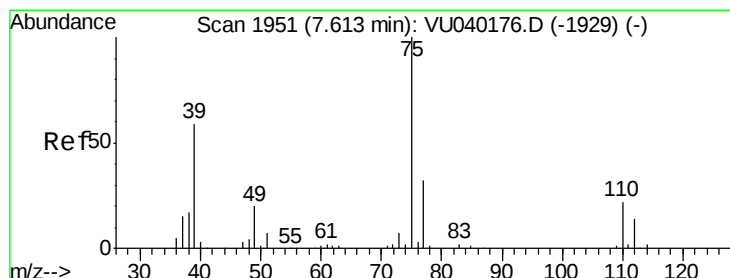
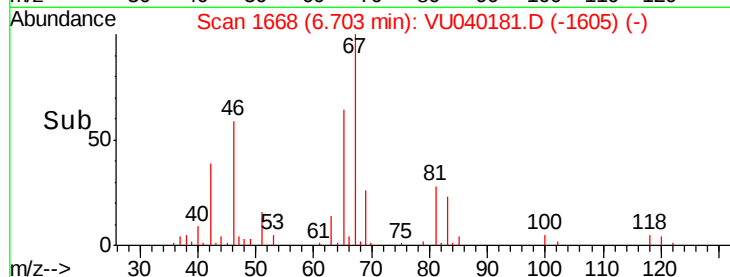
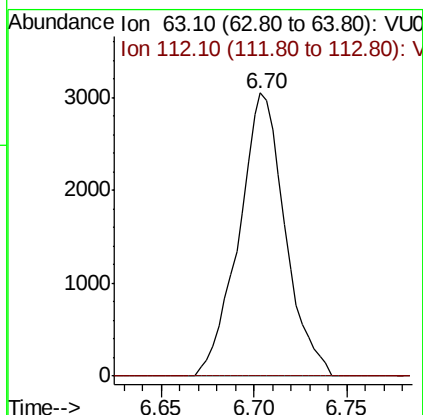
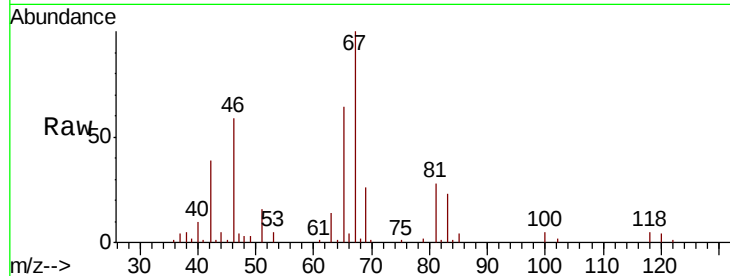




#37
 1,2-Dichloropropane
 Concen: 0.434 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040181.D
 Acq: 17 Sep 2020 15:10

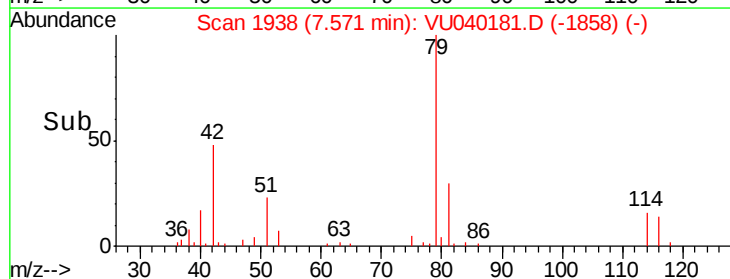
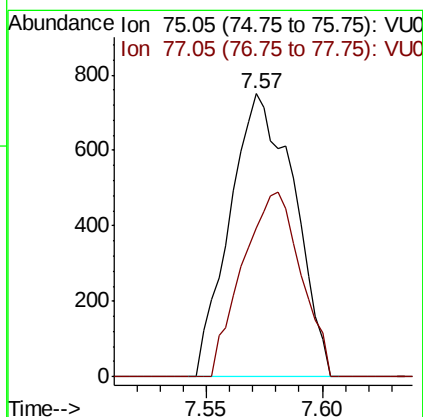
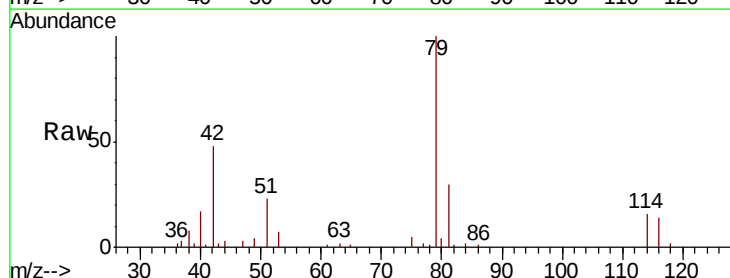
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE1

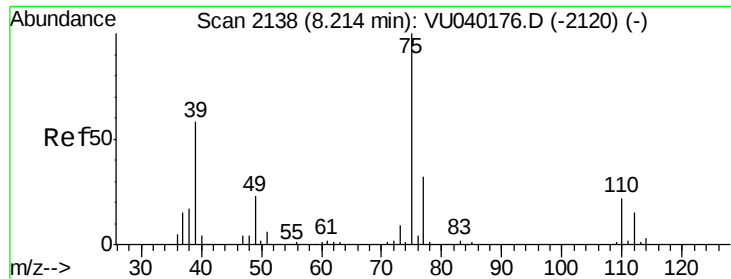
Tot Ion: 63 Resp: 5269
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040181.D
 Acq: 17 Sep 2020 15:10

Tgt Ion: 75 Resp: 1441
 Ion Ratio Lower Upper
 75 100
 77 52.8 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.057 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040181.D

Acq: 17 Sep 2020 15:10

Instrument :

MSVOA_U

ClientSampleId :

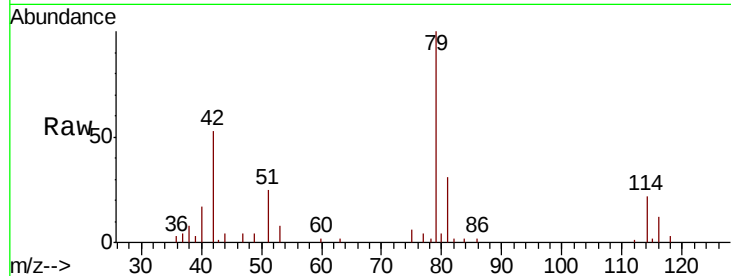
C0AE1

Tot Ion: 75 Resp: 945

Ion Ratio Lower Upper

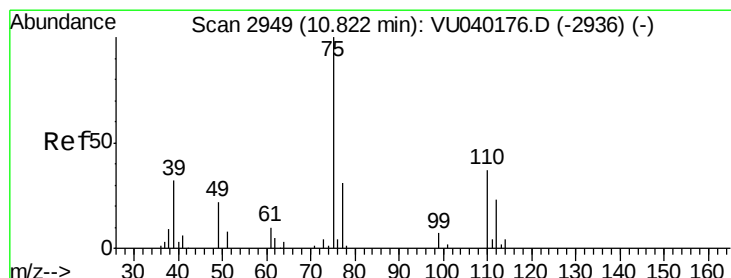
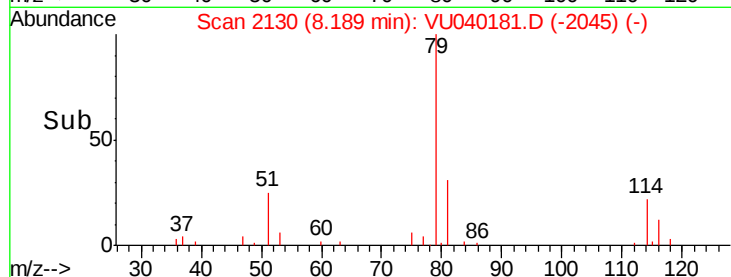
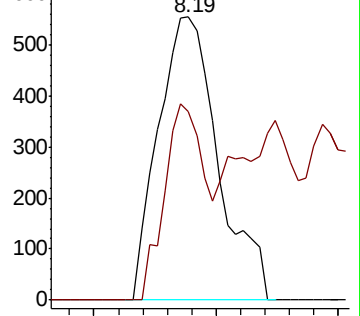
75 100

77 66.7 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 1.016 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040181.D

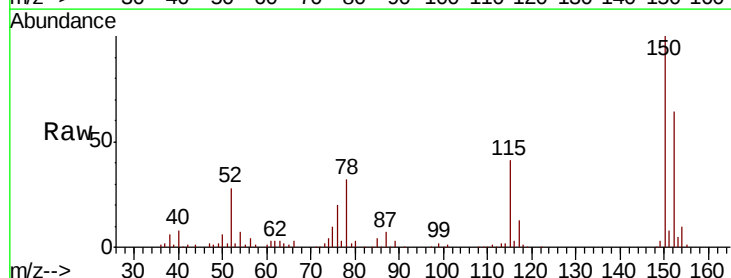
Acq: 17 Sep 2020 15:10

Tgt Ion: 75 Resp: 9139

Ion Ratio Lower Upper

75 100

77 35.0 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

