

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091820\
 Data File : VU040205.D
 Acq On : 18 Sep 2020 12:57
 Operator : SY/MD
 Sample : L4046-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q4

Quant Time: Sep 18 23:22:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 18 23:20:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	107028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	104782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27163	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.92	69	25065	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.58	63	46759	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.66	46	129755	55.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.02%
24) Chloroform-d	5.08	84	67516	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	43929	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.75	84	124720	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.70	67	42546	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.91	98	97213	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	8.19	79	16674	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.64	63	94072	53.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38863	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42132	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

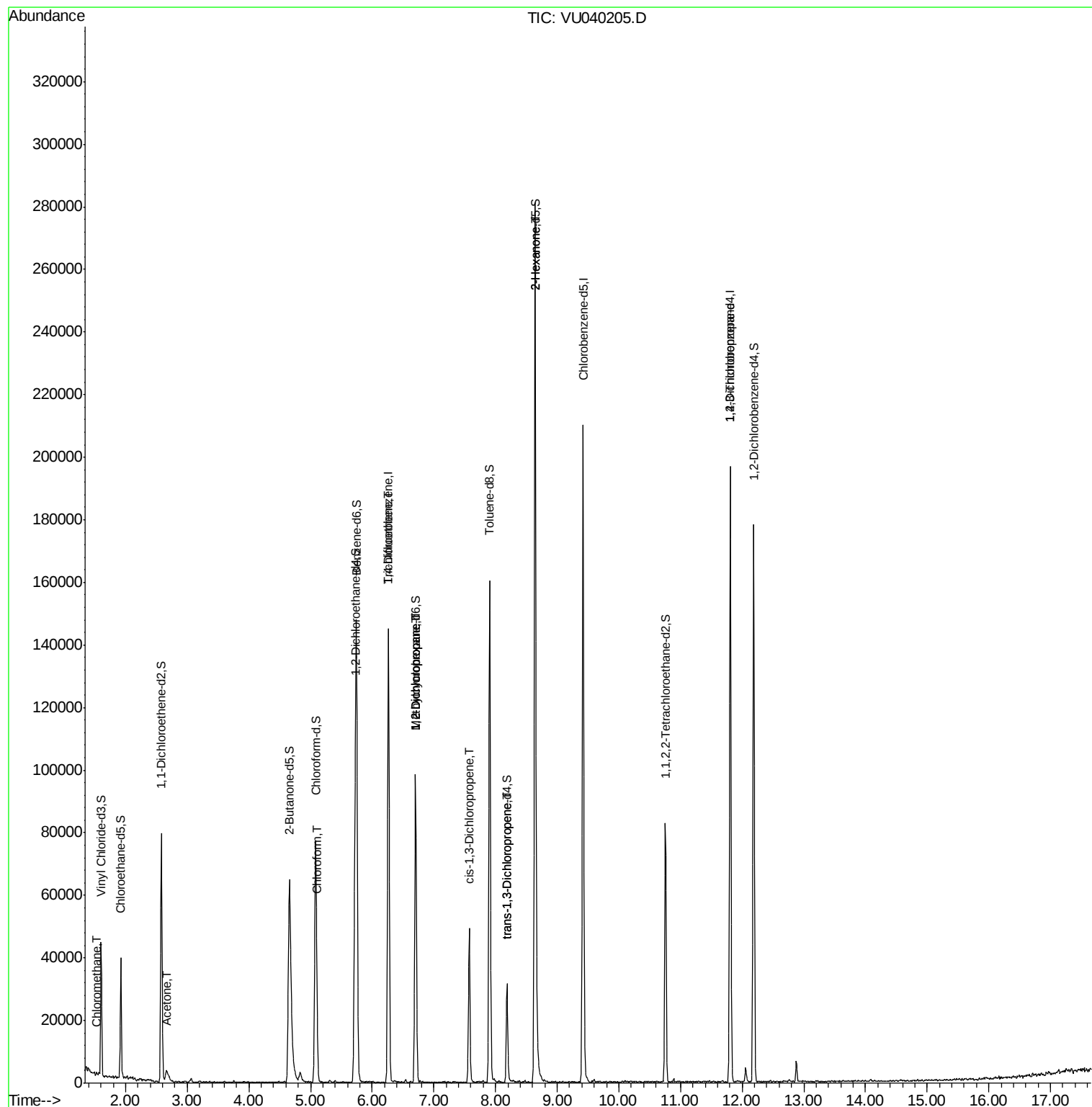
					Ovalue
3) Chloromethane	1.52	50	463	0.046 ug/L	90
13) Acetone	2.66	43	8003	3.699 ug/L	80
25) Chloroform	5.11	83	3606	0.192 ug/L	84
34) Trichloroethene	6.26	95	1927	0.192 ug/L #	9
35) Methylcyclohexane	6.70	83	10044	0.652 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5591	0.551 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1212	0.081 ug/L #	45
44) trans-1,3-Dichloropropene	8.18	75	1002	0.072 ug/L	85
48) 2-Hexanone	8.64	43	13758	2.265 ug/L #	74
59) 1,2,3-Trichloropropane	11.81	75	6983	0.929 ug/L #	74

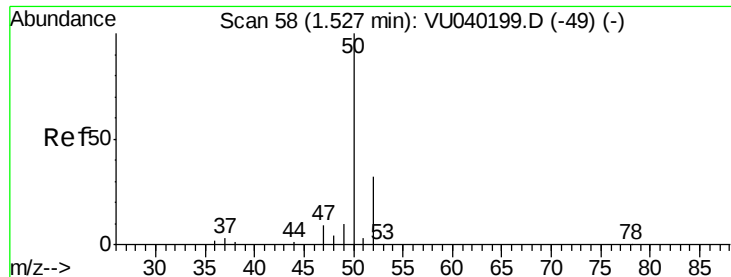
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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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: VU040205.D

Acq: 18 Sep 2020 12:57

Instrument :

MSVOA_U

ClientSampleId :

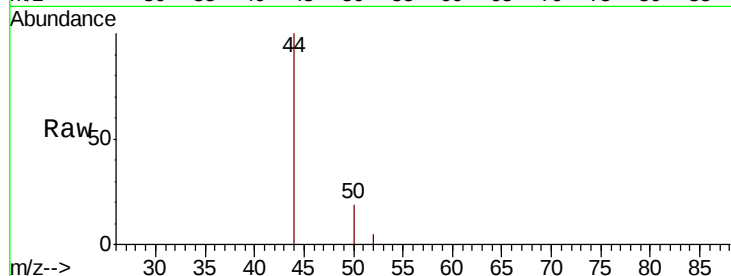
BG0Q4

Tot Ion: 50 Resp: 463

Ion Ratio Lower Upper

50 100

52 26.7 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU040199.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU040199.D (-49) (-)

1.52

600

500

400

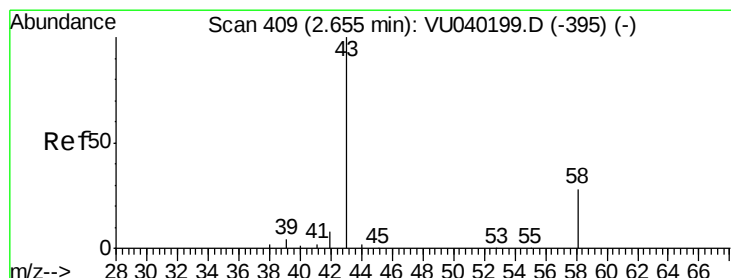
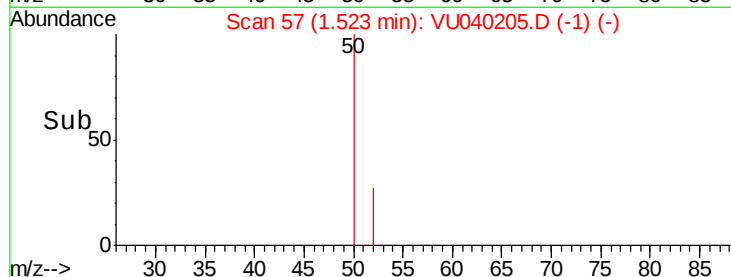
300

200

100

0

Time-->



#13

Acetone

Concen: 3.699 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU040205.D

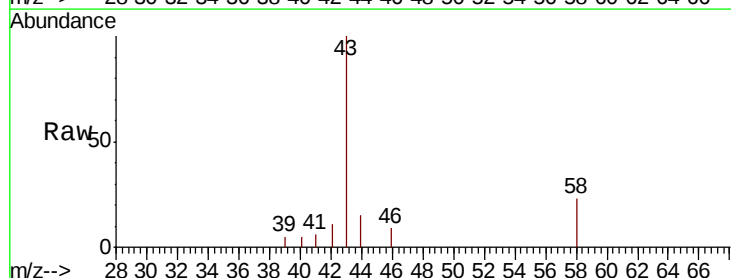
Acq: 18 Sep 2020 12:57

Tgt Ion: 43 Resp: 8003

Ion Ratio Lower Upper

43 100

58 17.0 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040199.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU040199.D (-395) (-)

2.66

2500

2000

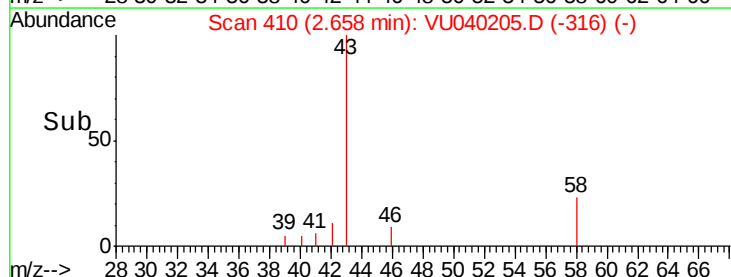
1500

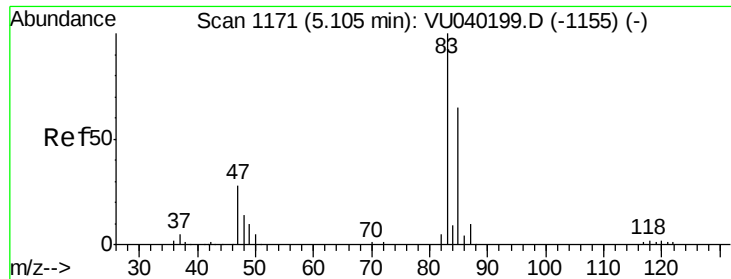
1000

500

0

Time-->

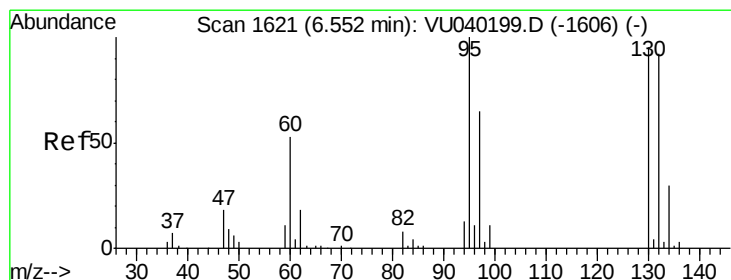
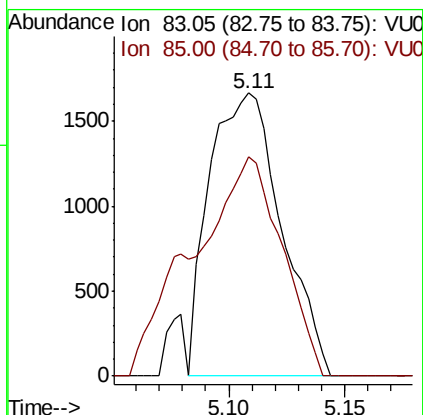
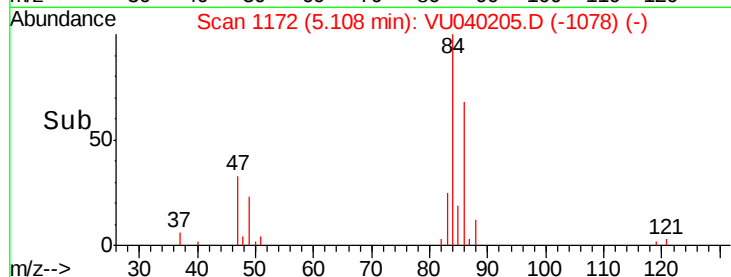
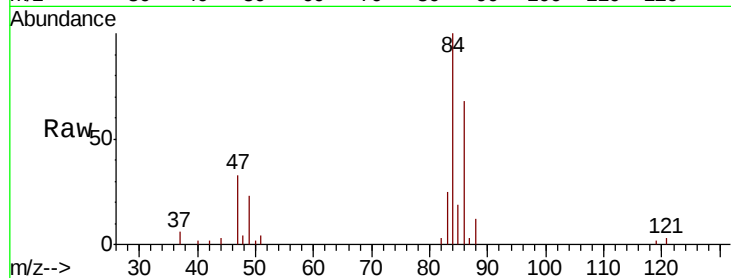




#25
Chloroform
Concen: 0.192 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040205.D
Acq: 18 Sep 2020 12:57

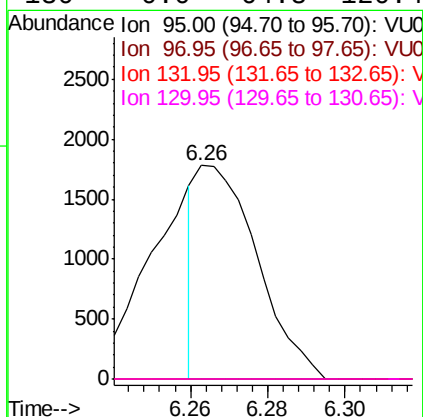
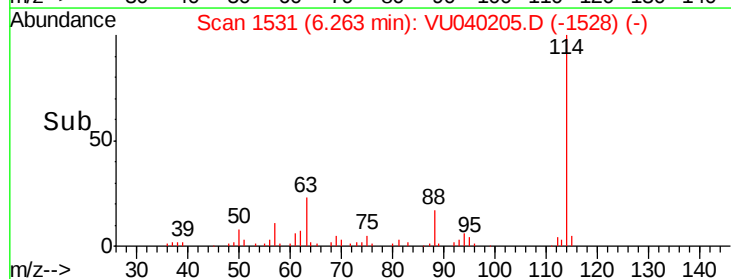
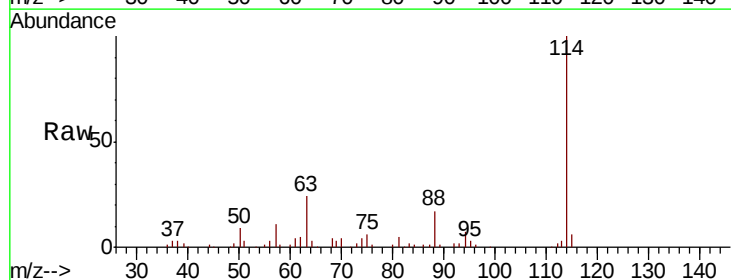
Instrument :
MSVOA_U
ClientSampleId :
BG0Q4

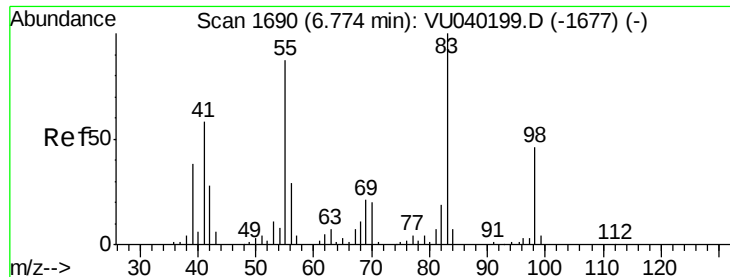
Tot Ion: 83 Resp: 3606
Ion Ratio Lower Upper
83 100
85 77.6 45.3 84.1



#34
Trichloroethene
Concen: 0.192 ug/L
RT: 6.26 min Scan# 1531
Delta R.T. -0.29 min
Lab File: VU040205.D
Acq: 18 Sep 2020 12:57

Tgt Ion: 95 Resp: 1927
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#

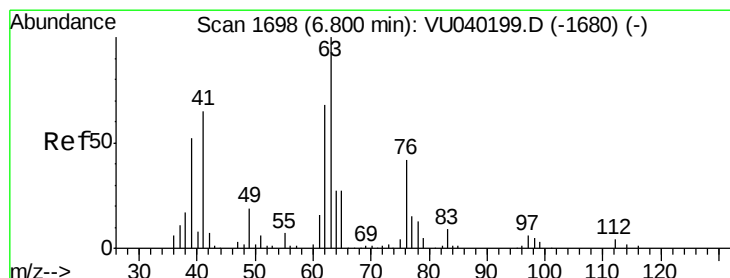
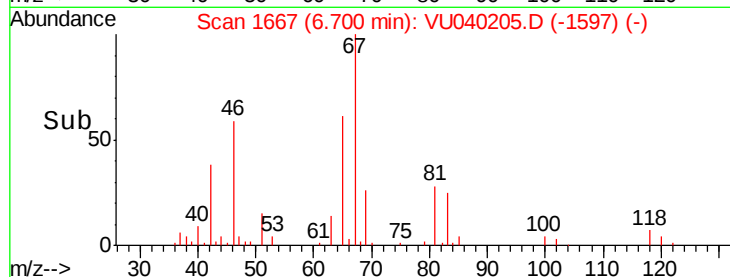
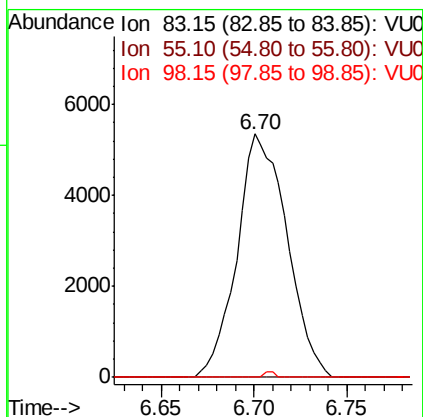
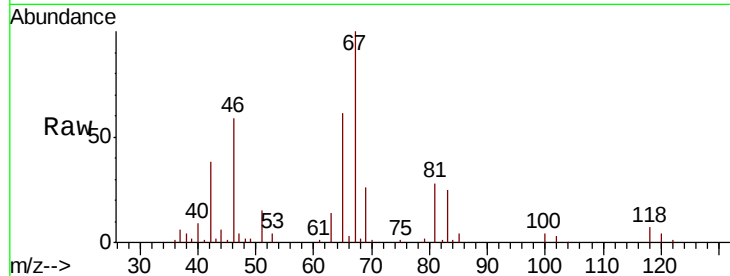




#35
Methvlcvclohexane
Concen: 0.652 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU040205.D
Acq: 18 Sep 2020 12:57

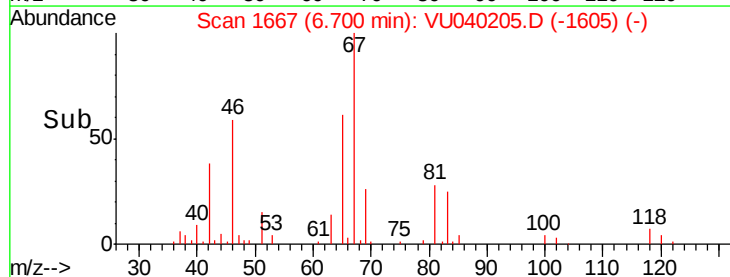
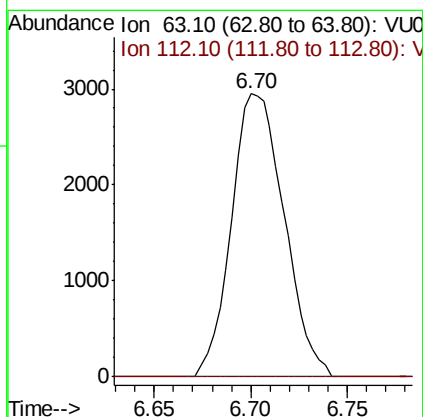
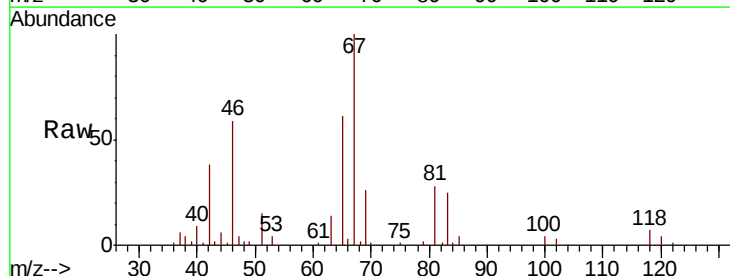
Instrument :
MSVOA_U
ClientSampleId :
BG0Q4

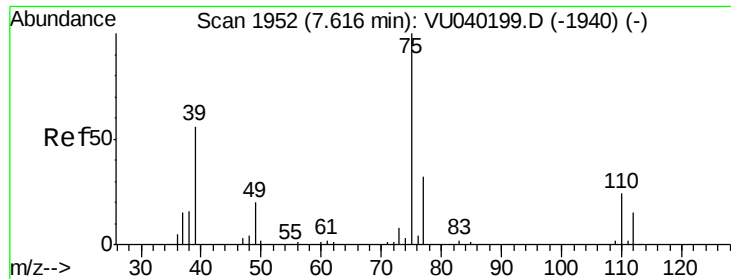
Tot Ion: 83 Resp: 10044
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.4 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040205.D
Acq: 18 Sep 2020 12:57

Tgt Ion: 63 Resp: 5591
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

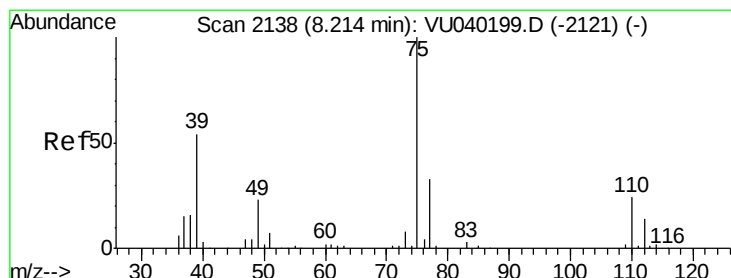
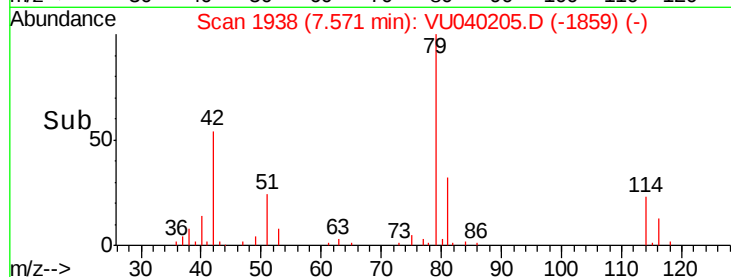
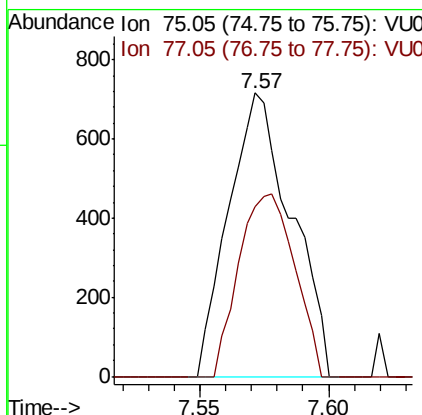
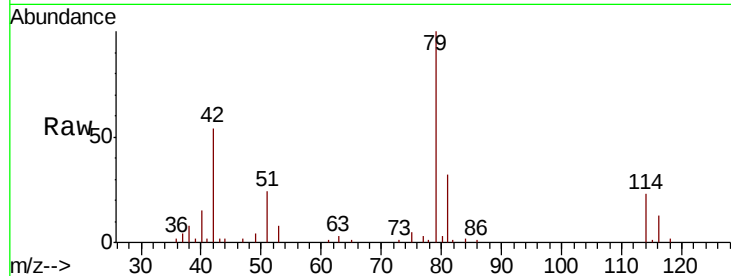




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040205.D
 Acq: 18 Sep 2020 12:57

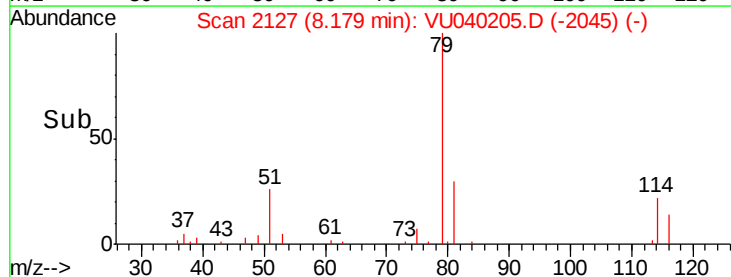
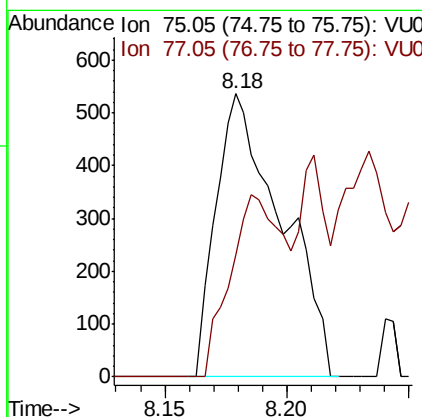
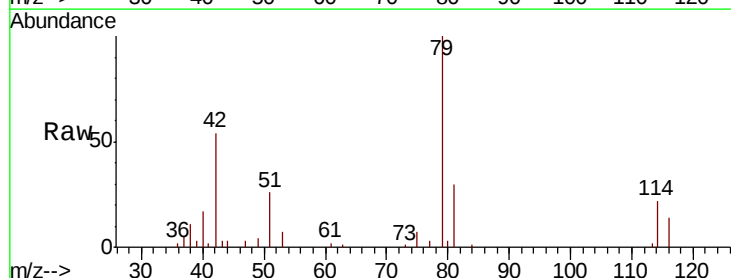
Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q4

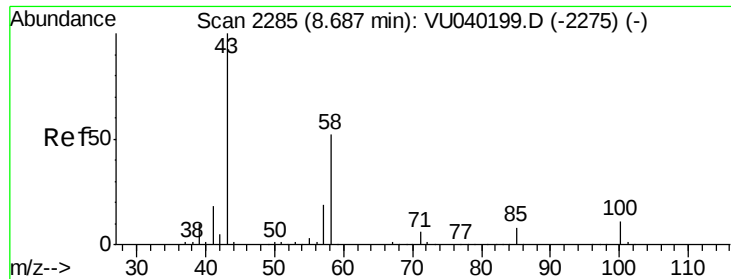
Tot Ion: 75 Resp: 1212
 Ion Ratio Lower Upper
 75 100
 77 60.1 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 8.18 min Scan# 2127
 Delta R.T. -0.04 min
 Lab File: VU040205.D
 Acq: 18 Sep 2020 12:57

Tgt Ion: 75 Resp: 1002
 Ion Ratio Lower Upper
 75 100
 77 42.9 23.9 44.3

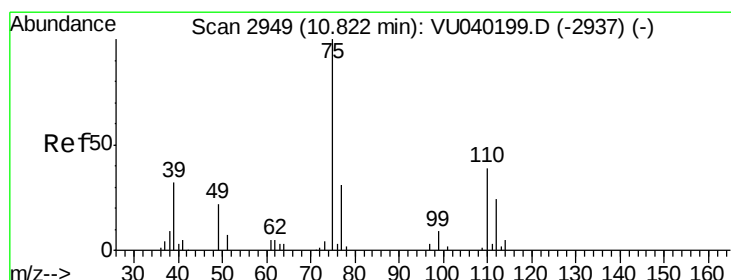
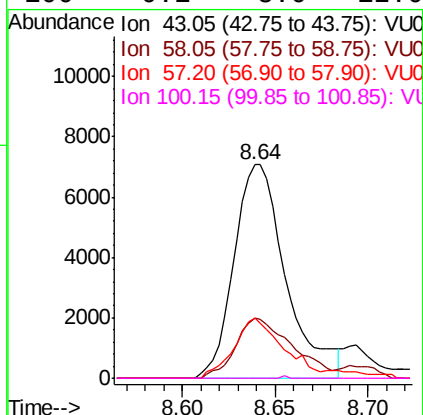
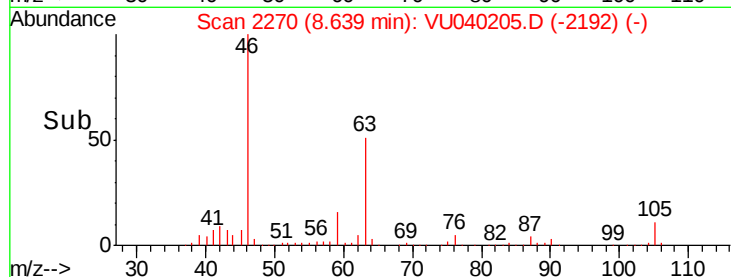
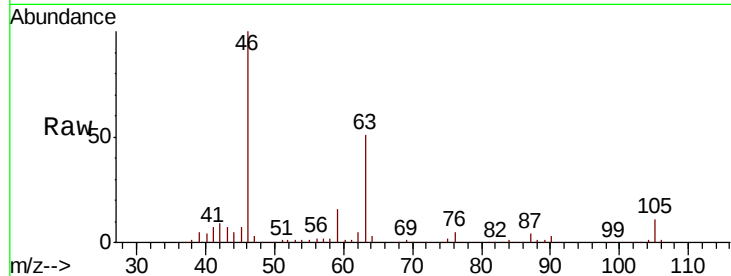




#48
2-Hexanone
Concen: 2.265 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040205.D
Acq: 18 Sep 2020 12:57

Instrument :
MSVOA_U
ClientSampleId :
BG0Q4

Tot Ion	Ratio	Lower	Upper
43	100		
58	30.5	39.6	59.4#
57	26.7	14.3	21.5#
100	0.1	8.0	12.0#



#59
1,2,3-Trichloropropane
Concen: 0.929 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040205.D
Acq: 18 Sep 2020 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	45.3	24.9	37.3#

