

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
 Data File : VU040330.D
 Acq On : 28 Sep 2020 14:26
 Operator : SY/MD
 Sample : L4147-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS7

Quant Time: Sep 28 14:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 28 13:01:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	142783	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	144151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40395	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	1.92	69	38690	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.58	63	69229	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.65	46	179527	57.57	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.14%
24) Chloroform-d	5.08	84	88234	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	55792	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.74	84	169736	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.70	67	58185	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.91	98	141638	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.19	79	21195	4.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.20%
46) 2-Hexanone-d5	8.64	63	138163	57.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.48%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49381	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	57530	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	19316	1.424 ug/L	100
8) Chloroethane	1.94	64	788	0.095 ug/L #	75
13) Acetone	2.66	43	13218	4.579 ug/L	98
22) cis-1,2-Dichloroethene	4.69	96	1867	0.146 ug/L	98
25) Chloroform	5.11	83	2815	0.112 ug/L	98
34) Trichloroethene	6.55	95	4941	0.357 ug/L	90
35) Methylcyclohexane	6.70	83	13135	0.620 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6629	0.475 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1556	0.076 ug/L #	38
44) trans-1,3-Dichloropropene	8.19	75	1049	0.055 ug/L #	48
45) 1,1,2-Trichloroethane	8.56	97	7905	0.777 ug/L #	1
47) Tetrachloroethene	8.56	164	798307	87.857 ug/L	99
48) 2-Hexanone	8.64	43	17981	2.152 ug/L #	71
49) Dibromochloromethane	8.56	129	795642	65.164 ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	9100	0.880 ug/L #	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092820\
Data File : VU040330.D
Acq On : 28 Sep 2020 14:26
Operator : SY/MD
Sample : L4147-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFS7

Quant Time: Sep 28 14:53:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 28 13:01:31 2020
Response via : Initial Calibration

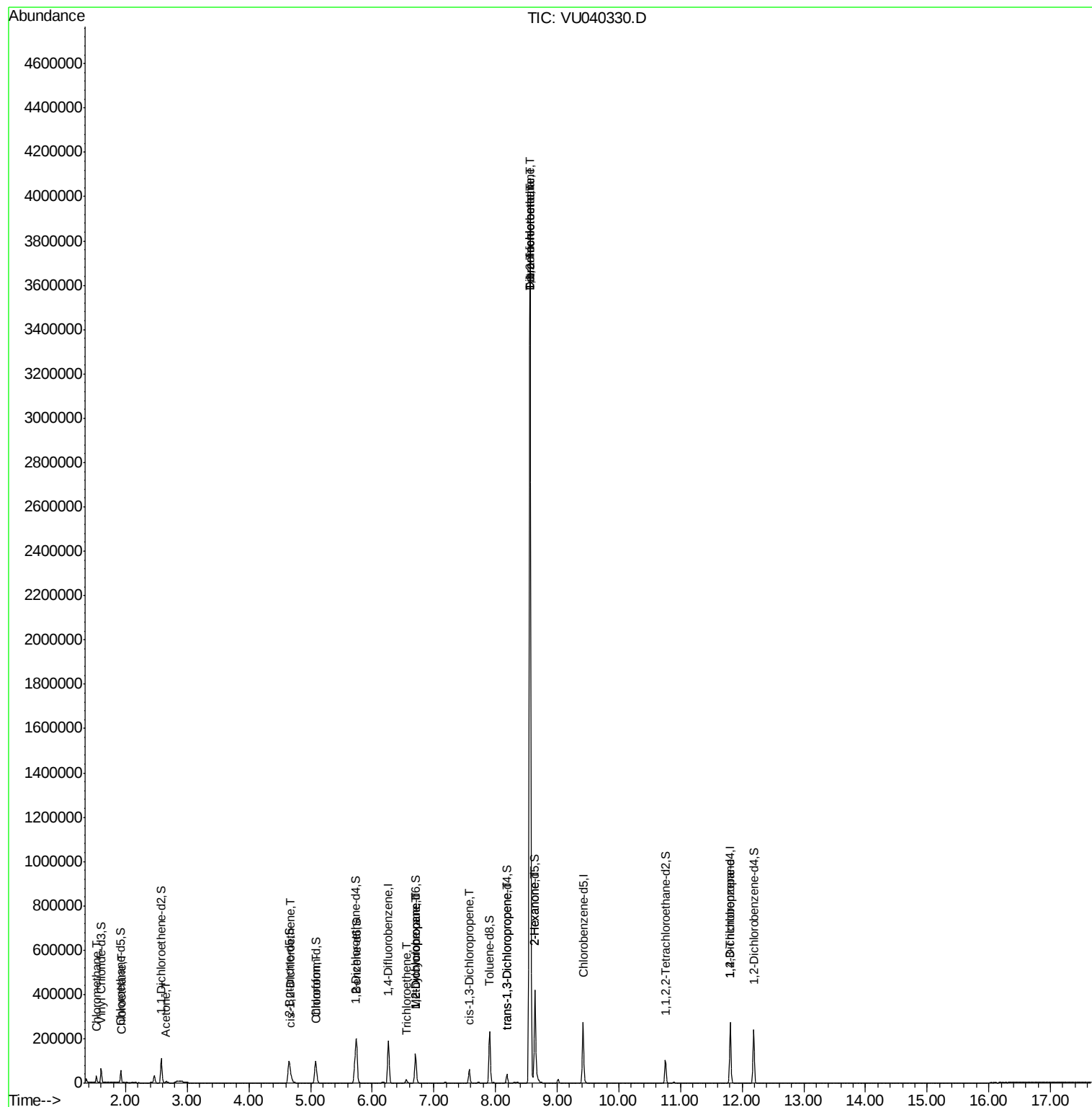
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

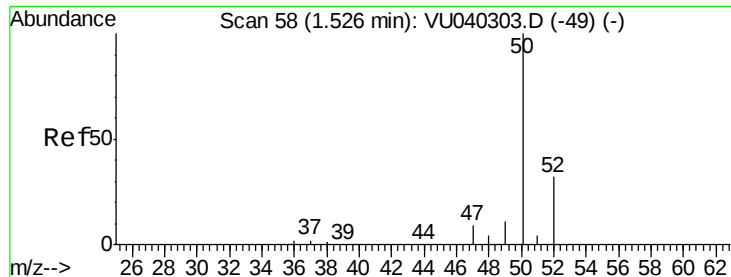
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092820\
Data File : VU040330.D
Acq On : 28 Sep 2020 14:26
Operator : SY/MD
Sample : L4147-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFS7

Quant Time: Sep 28 14:53:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 28 13:01:31 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.424 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

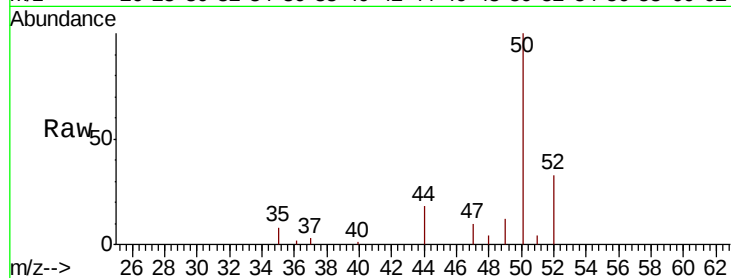
BFSA7

Tot Ion: 50 Resp: 19316

Ion Ratio Lower Upper

50 100

52 32.8 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

20000

15000

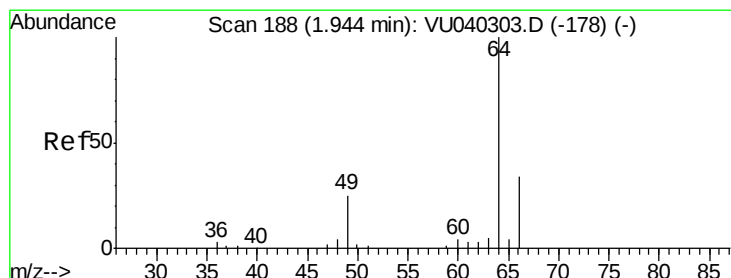
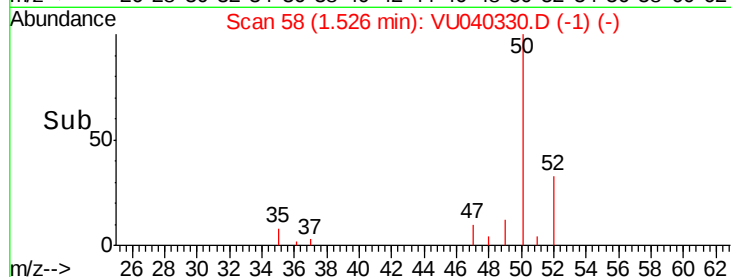
10000

5000

0

1.50 1.55

Time-->



#8

Chloroethane

Concen: 0.095 ug/L

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040330.D

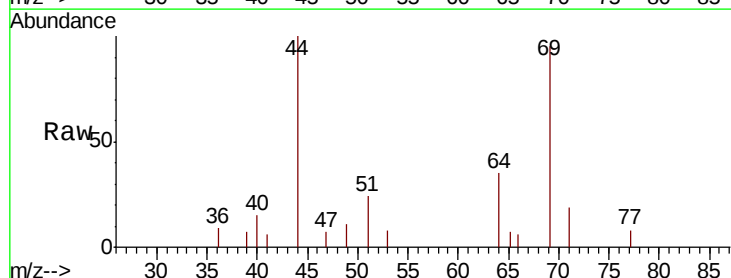
Acq: 28 Sep 2020 14:26

Tgt Ion: 64 Resp: 788

Ion Ratio Lower Upper

64 100

66 18.3 22.7 42.1#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

600

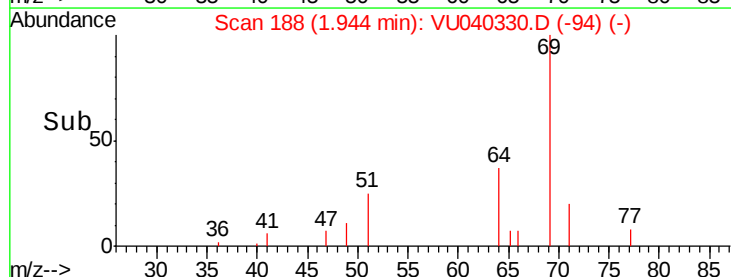
400

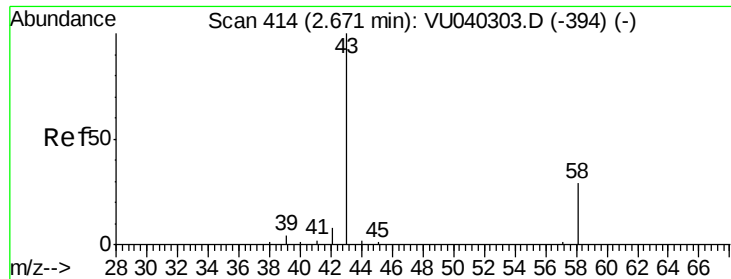
200

0

1.90 1.92 1.94 1.96 1.98

Time-->





#13

Acetone

Concen: 4.579 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

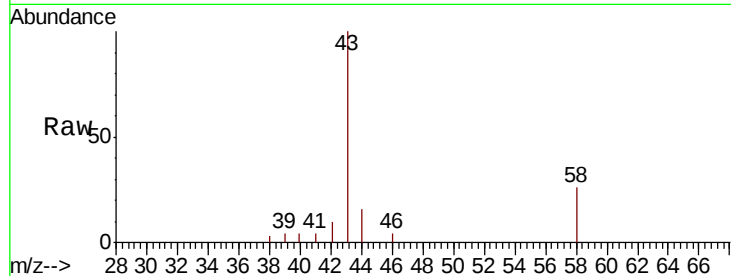
BFSA7

Tot Ion: 43 Resp: 13218

Ion Ratio Lower Upper

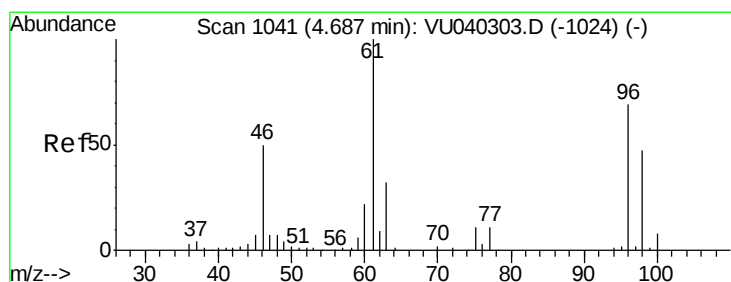
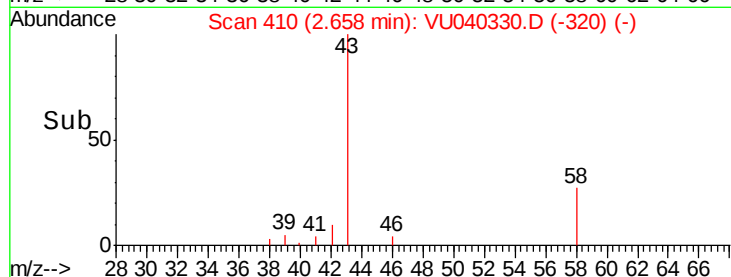
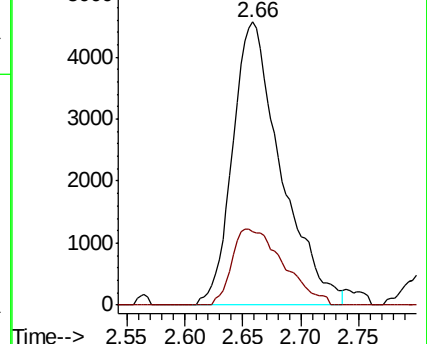
43 100

58 28.6 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU040330.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VU040330.D (-394) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.146 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

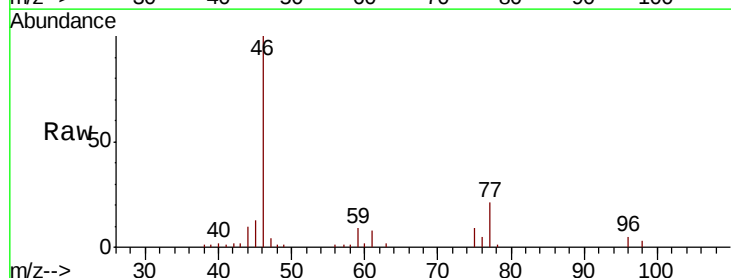
Tgt Ion: 96 Resp: 1867

Ion Ratio Lower Upper

96 100

61 144.1 98.8 183.4

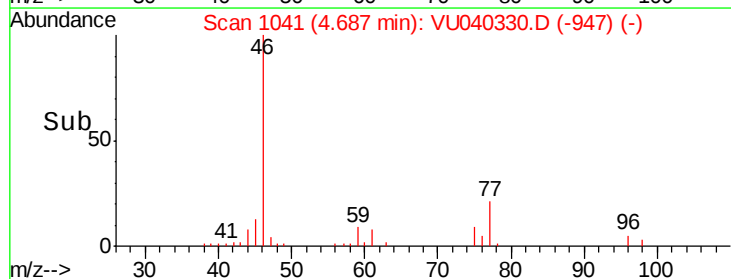
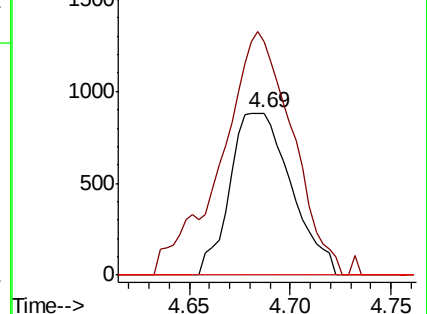
68 0.0 0.0 0.0

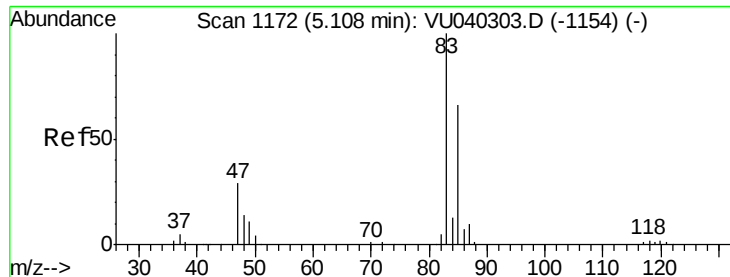


Abundance Ion 96.00 (95.70 to 96.70): VU040330.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU040330.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU040330.D (-1024) (-)

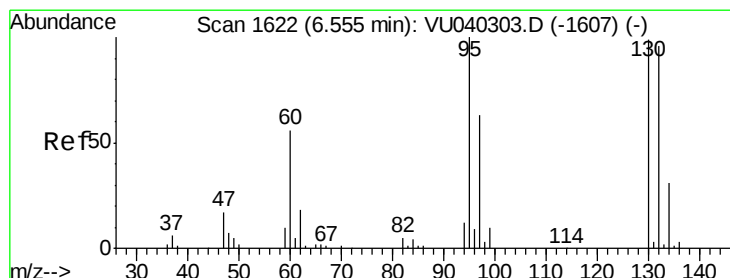
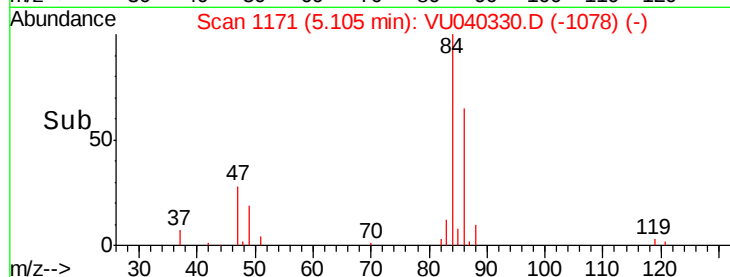
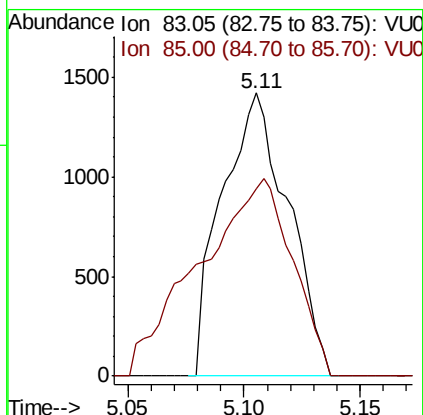
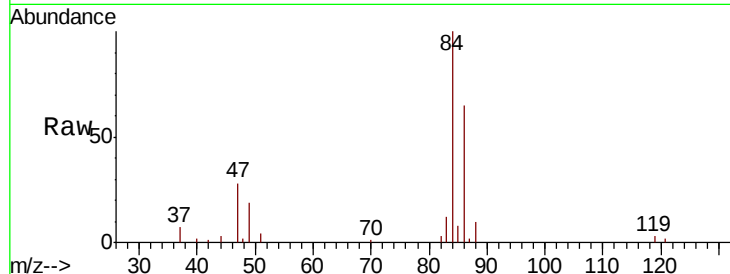




#25
Chloroform
Concen: 0.112 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040330.D
Acq: 28 Sep 2020 14:26

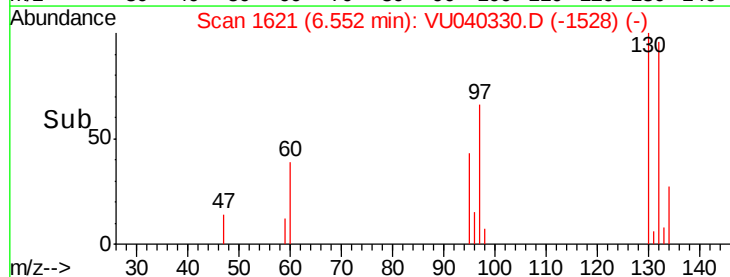
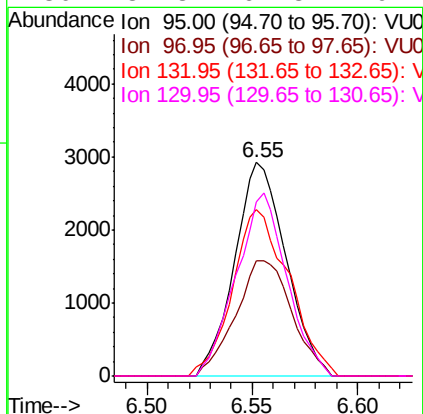
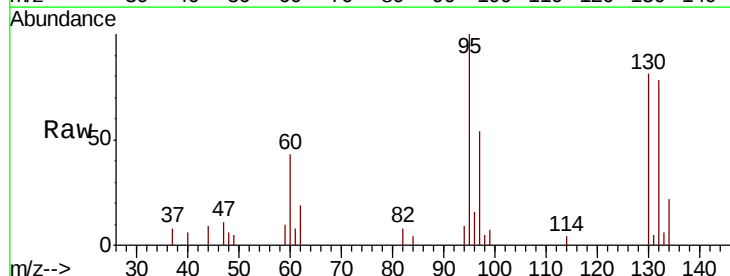
Instrument :
MSVOA_U
ClientSampleId :
BFS7

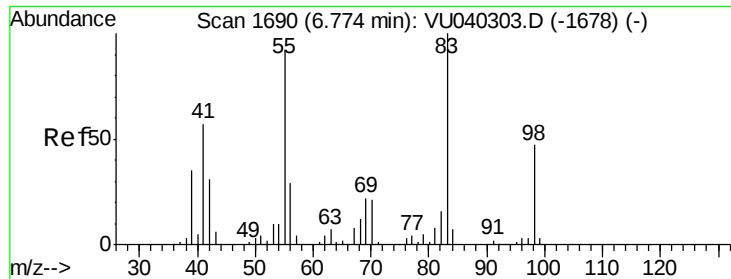
Tot Ion: 83 Resp: 2815
Ion Ratio Lower Upper
83 100
85 66.2 45.3 84.1



#34
Trichloroethene
Concen: 0.357 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU040330.D
Acq: 28 Sep 2020 14:26

Tgt Ion: 95 Resp: 4941
Ion Ratio Lower Upper
95 100
97 53.8 43.3 80.5
132 77.8 59.4 110.4
130 81.3 64.8 120.4

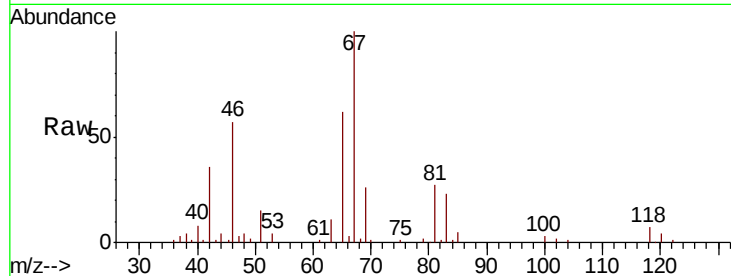




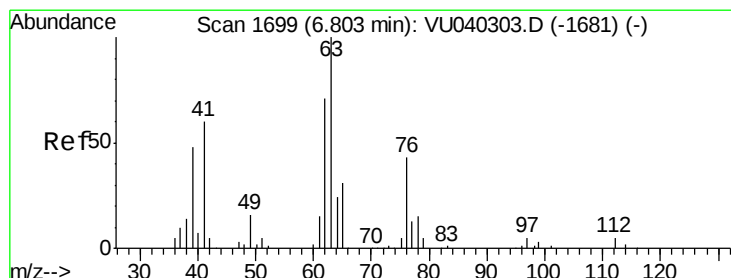
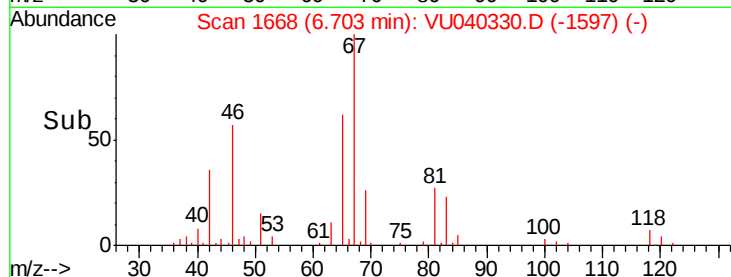
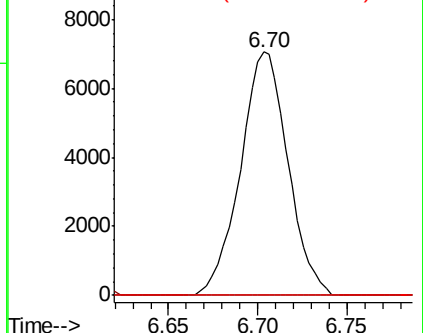
#35
Methylcyclohexane
Concen: 0.620 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040330.D
Acq: 28 Sep 2020 14:26

Instrument :
MSVOA_U
ClientSampleId :
BFS7

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.3	70.5	105.7#
98	0.3	37.8	56.6#

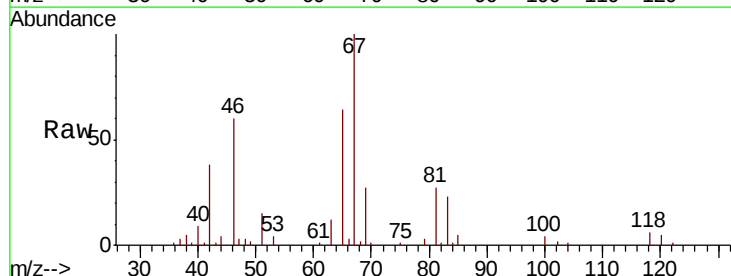


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

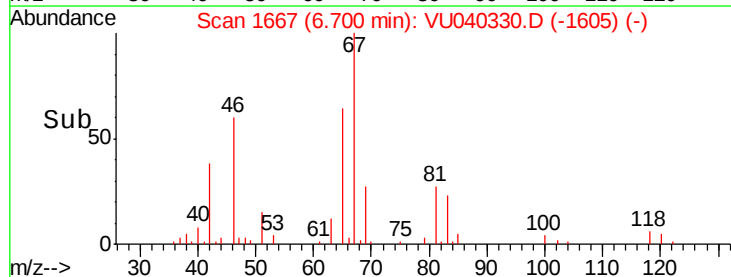
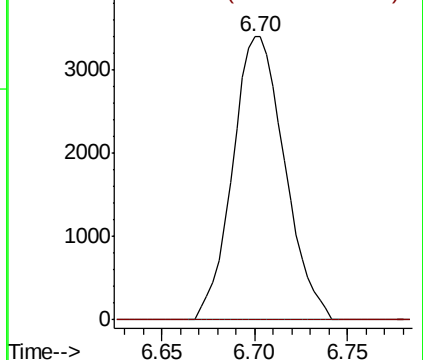


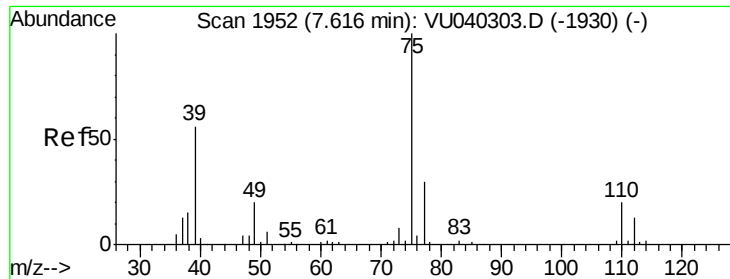
#37
1,2-Dichloropropane
Concen: 0.475 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU040330.D
Acq: 28 Sep 2020 14:26

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



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

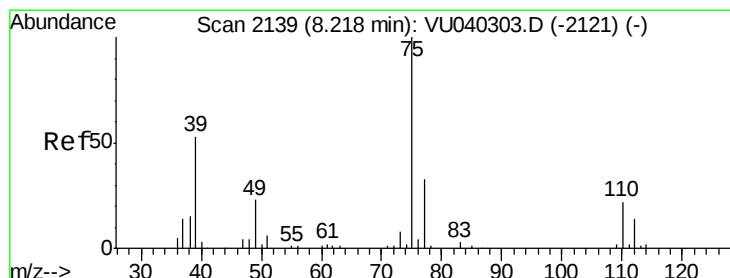
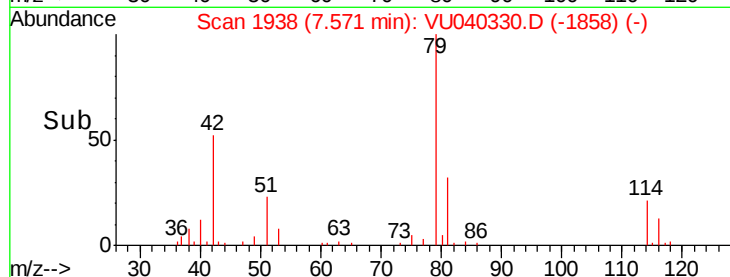
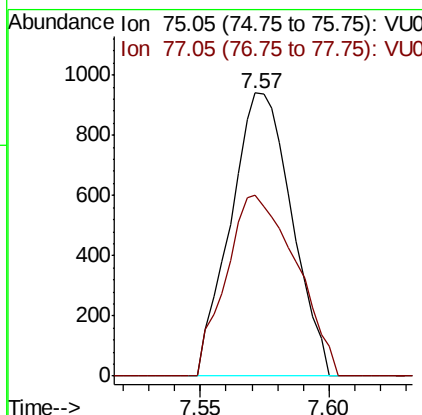
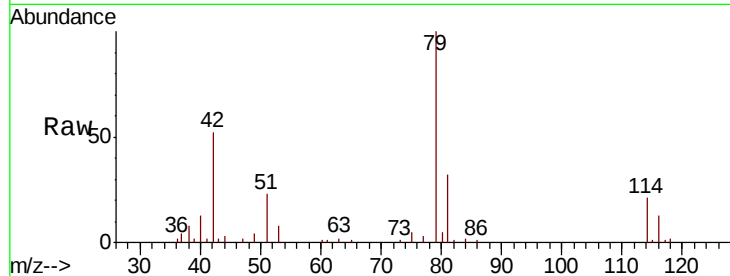




#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040330.D
 Acq: 28 Sep 2020 14:26

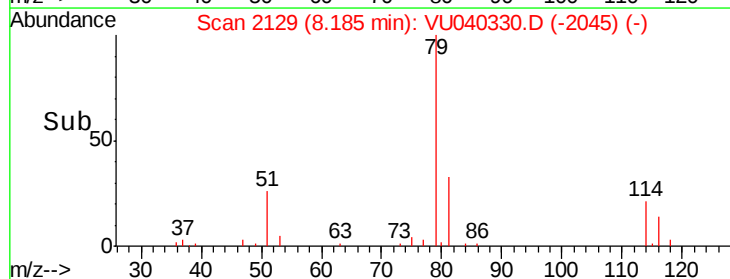
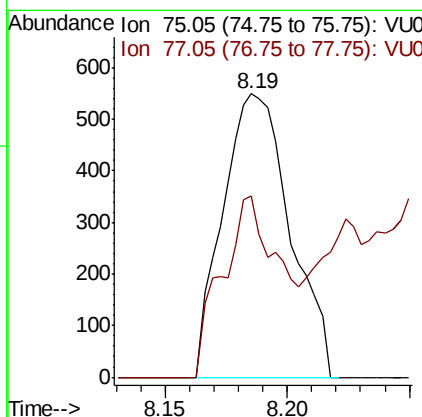
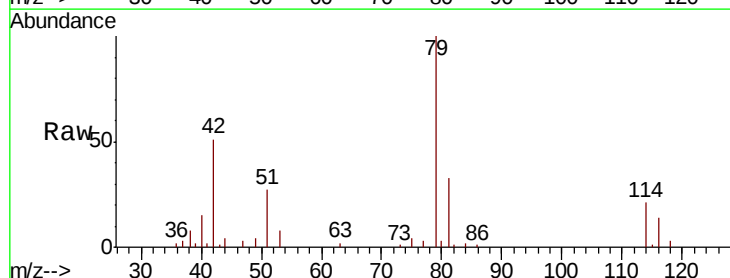
Instrument :
 MSVOA_U
 ClientSampled :
 BFS7

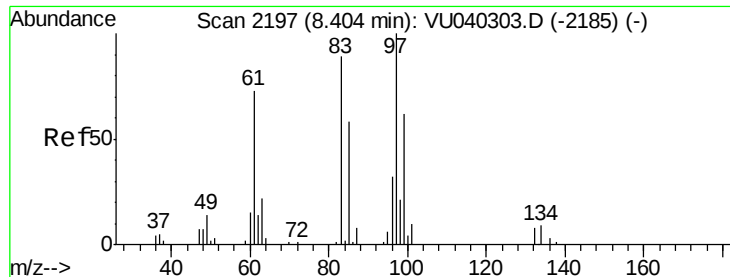
Tot Ion: 75 Resp: 1556
 Ion Ratio Lower Upper
 75 100
 77 63.9 21.1 39.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.055 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU040330.D
 Acq: 28 Sep 2020 14:26

Tgt Ion: 75 Resp: 1049
 Ion Ratio Lower Upper
 75 100
 77 63.9 23.9 44.3#





#45

1,1,2-Trichloroethane

Concen: 0.777 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.15 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

BFSA7

Tot Ion: 97 Resp: 7905

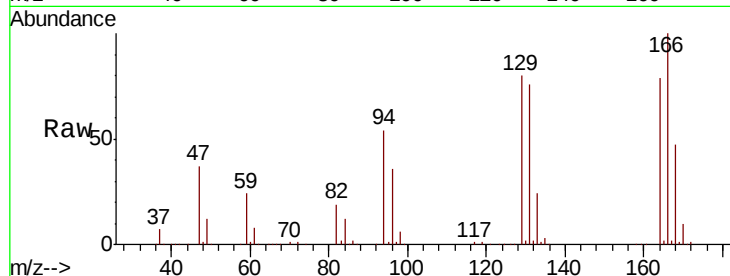
Ion Ratio Lower Upper

97 100

99 17.0 43.0 79.8#

83 266.4 61.7 114.7#

85 42.3 39.3 73.1

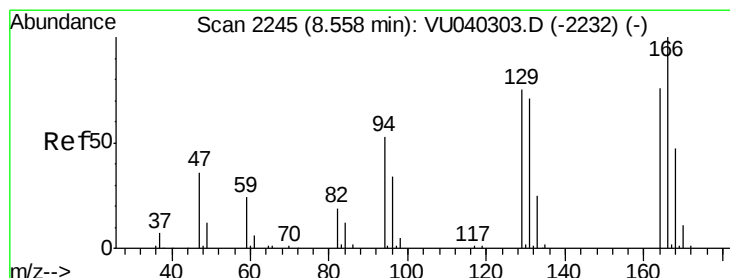
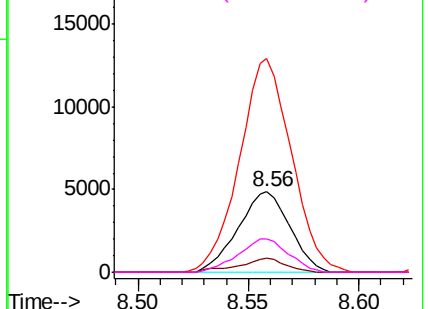
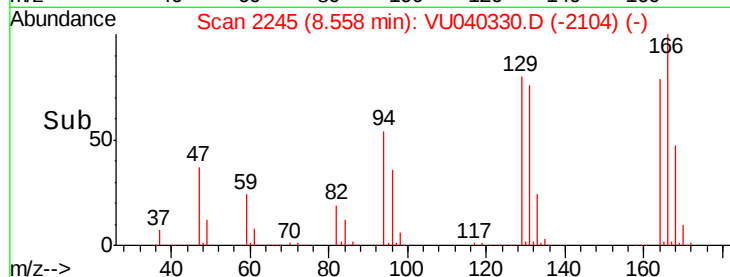


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 87.857 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Tgt Ion: 164 Resp: 798307

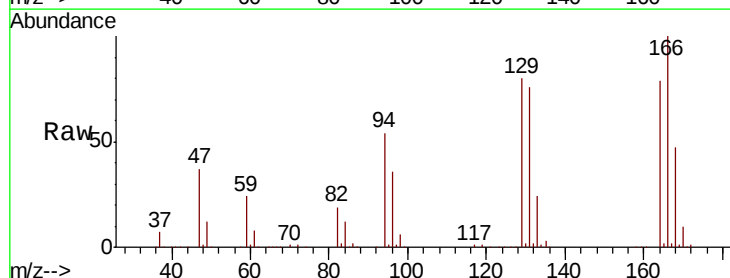
Ion Ratio Lower Upper

164 100

129 100.7 71.5 132.7

131 95.8 65.9 122.5

166 126.3 87.3 162.1

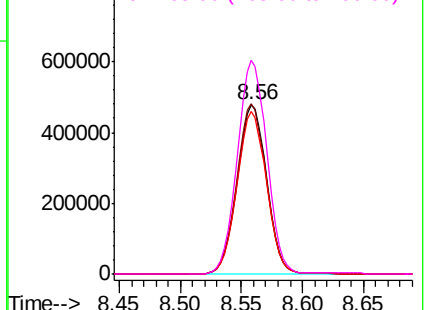
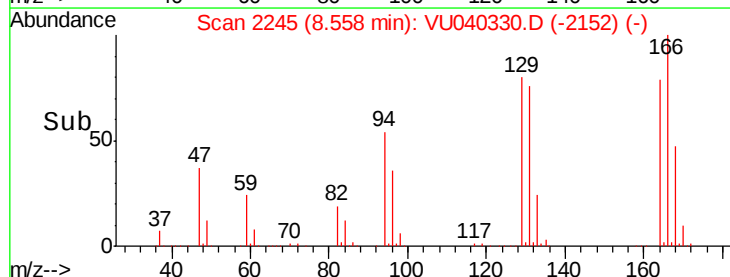


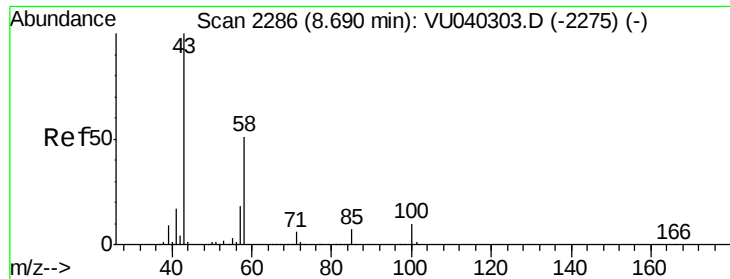
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

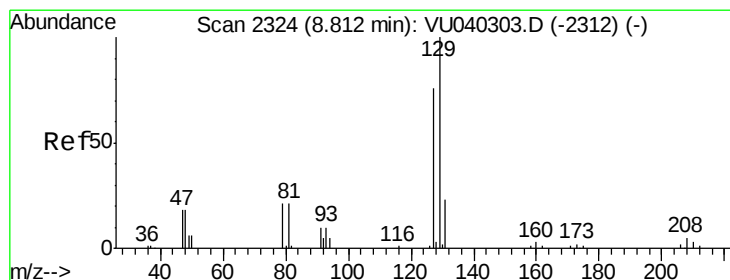
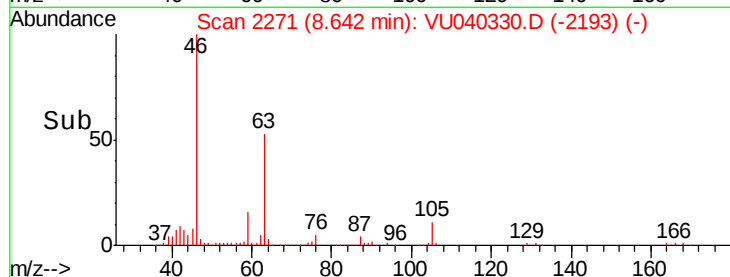
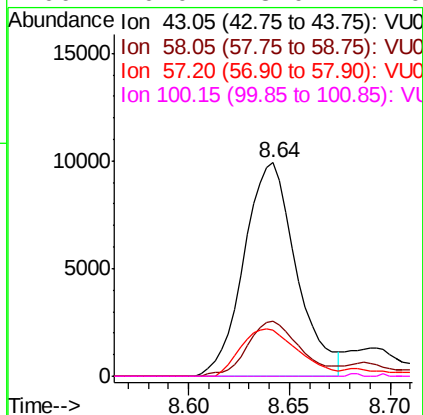
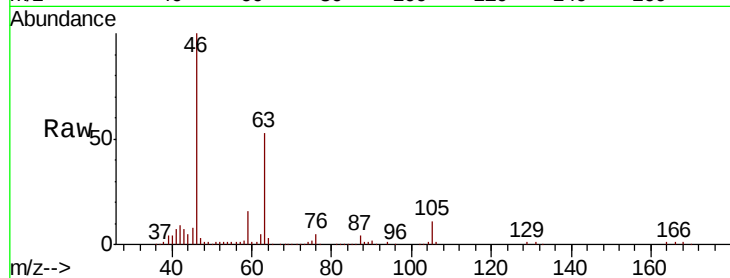




#48
2-Hexanone
Concen: 2.152 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040330.D
Acq: 28 Sep 2020 14:26

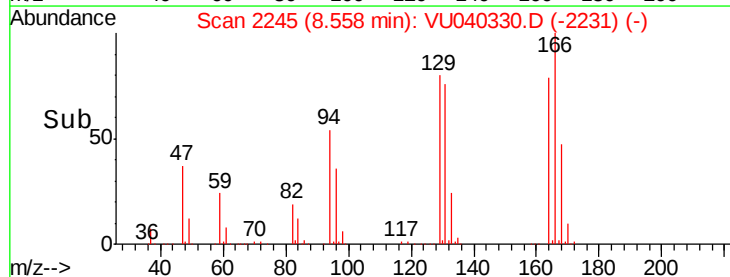
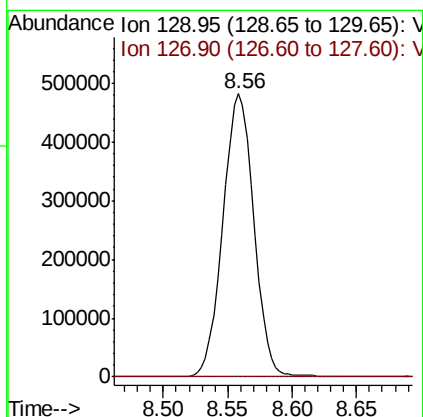
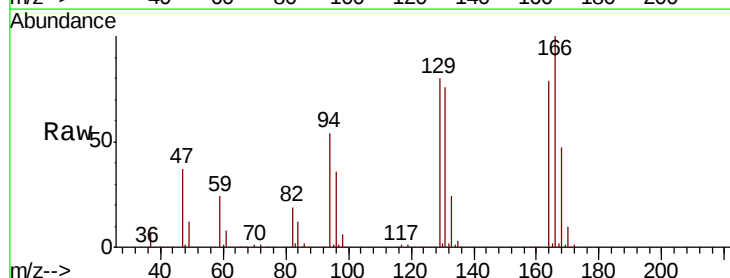
Instrument :
MSVOA_U
ClientSampleId :
BFS7

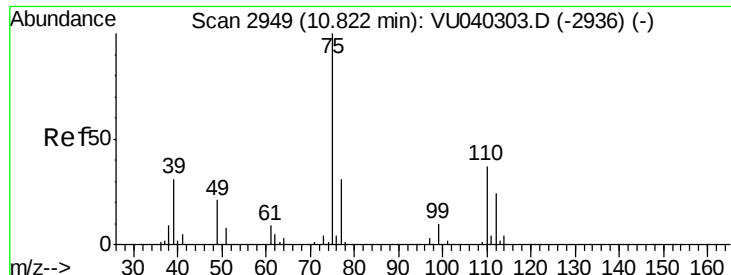
Tot Ion	Ratio	Lower	Upper
43	100		
58	25.5	39.6	59.4#
57	24.4	14.3	21.5#
100	0.0	8.0	12.0#



#49
Dibromochloromethane
Concen: 65.164 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU040330.D
Acq: 28 Sep 2020 14:26

Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.1	53.7	99.7#





#59

1,2,3-Trichloropropane

Concen: 0.880 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040330.D

Acq: 28 Sep 2020 14:26

Instrument :

MSVOA_U

ClientSampleId :

BFSA7

Tot Ion: 75 Resp: 9100

Ion Ratio Lower Upper

75 100

77 43.0 24.9 37.3#

