

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110220\
 Data File : VU041061.D
 Acq On : 02 Nov 2020 19:37
 Operator : SY/MD
 Sample : L4584-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSF6

Quant Time: Nov 03 00:50:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 03 00:40:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	47209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	48459	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21297	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	20032	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.93	69	15465	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	29303	3.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.40%
20) 2-Butanone-d5	4.66	46	78965	60.46	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.92%
24) Chloroform-d	5.08	84	37227	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.72	65	24142	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
32) Benzene-d6	5.74	84	67642	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.70	67	23636	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.91	98	55299	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	8.19	79	9051	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.64	63	55136	55.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21622	5.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	20602	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	5823	1.296	ug/L	99
8) Chloroethane	1.95	64	383	0.136	ug/L #	43
13) Acetone	2.66	43	4115	4.608	ug/L	95
15) Methyl Acetate	2.95	43	625	0.306	ug/L #	53
25) Chloroform	5.11	83	548	0.081	ug/L	85
27) 1,2-Dichloroethane	5.75	62	409	0.081	ug/L #	74
33) Benzene	5.74	78	413	0.029	ug/L	100
35) Methylcyclohexane	6.70	83	5279	0.960	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	2828	0.722	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	630	0.117	ug/L #	62
44) trans-1,3-Dichloropropene	8.18	75	415	0.082	ug/L #	62
47) Tetrachloroethene	8.56	164	1023	0.378	ug/L	81
48) 2-Hexanone	8.64	43	8401	3.572	ug/L #	71
49) Dibromochloromethane	8.56	129	1287	0.380	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	2680	0.918	ug/L	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110220\
Data File : VU041061.D
Acq On : 02 Nov 2020 19:37
Operator : SY/MD
Sample : L4584-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSF6

Quant Time: Nov 03 00:50:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration

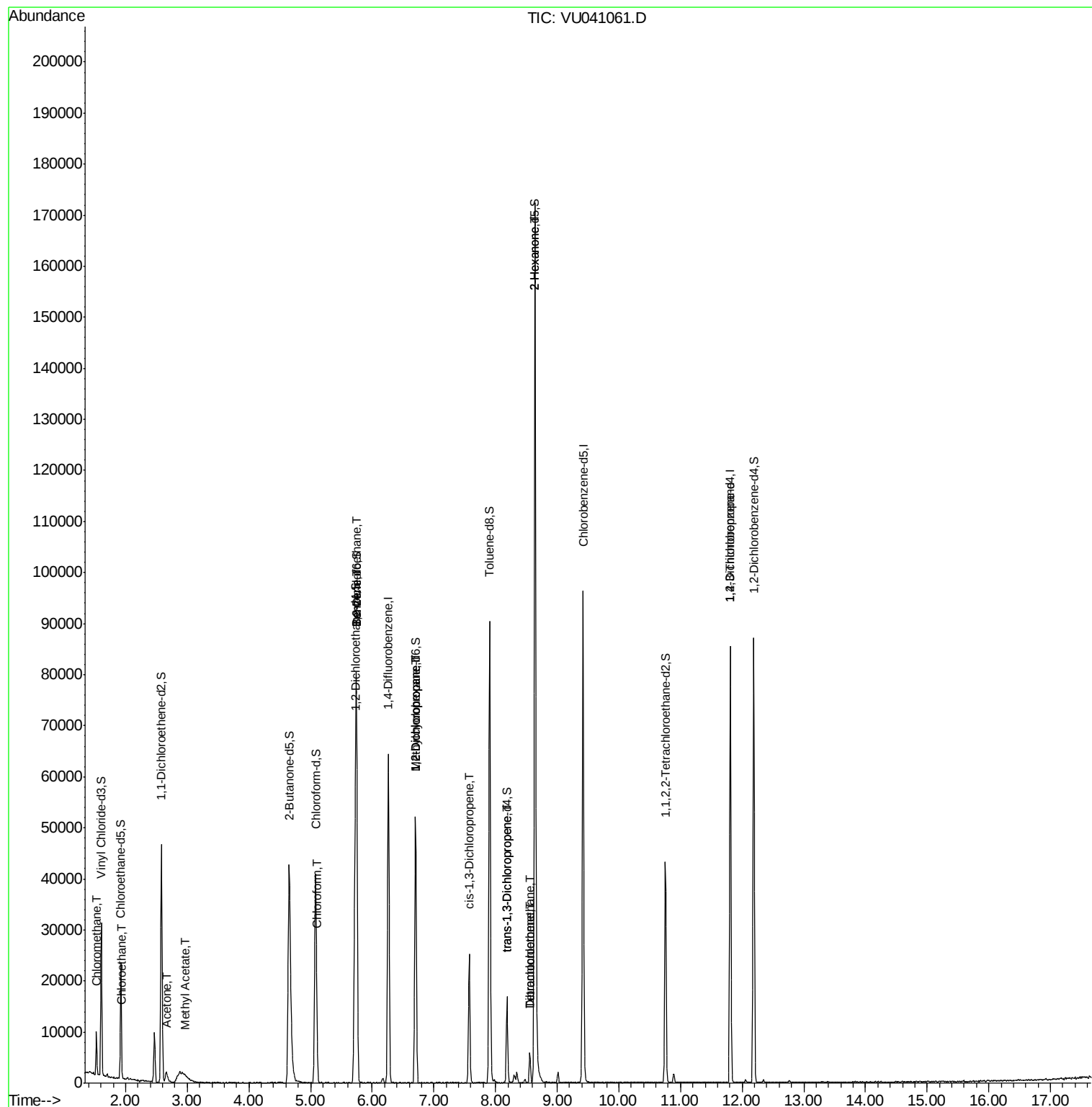
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

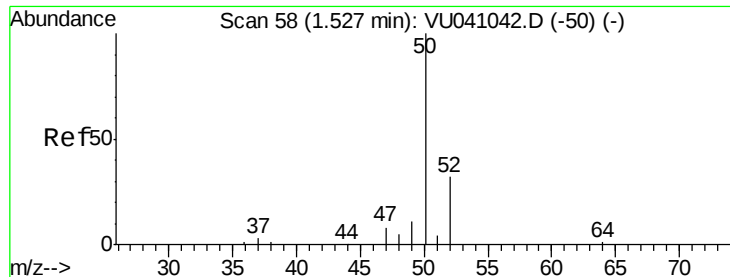
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU110220\
Data File : VU041061.D
Acq On : 02 Nov 2020 19:37
Operator : SY/MD
Sample : L4584-05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFSF6

Quant Time: Nov 03 00:50:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 03 00:40:40 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.296 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU041061.D

Acq: 02 Nov 2020 19:37

Instrument :

MSVOA_U

ClientSampleId :

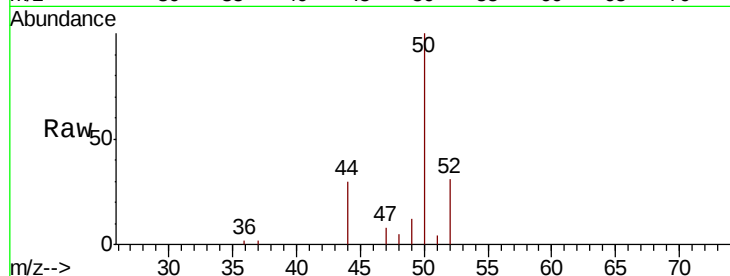
BFSF6

Tot Ion: 50 Resp: 5823

Ion Ratio Lower Upper

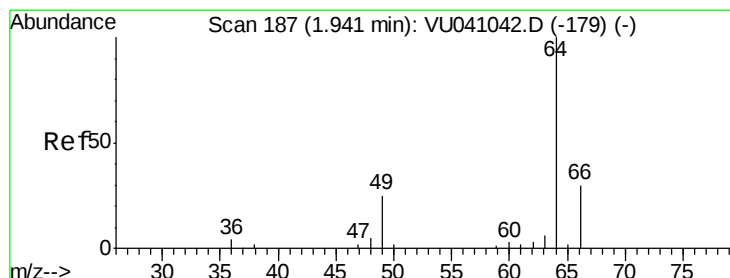
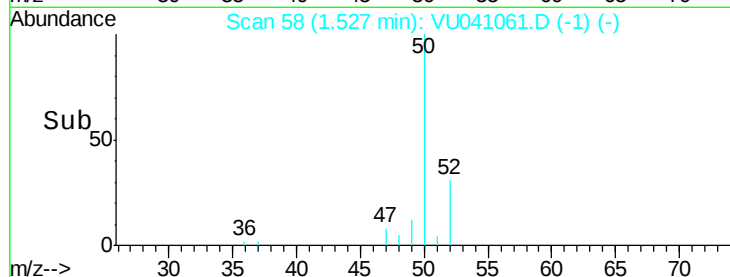
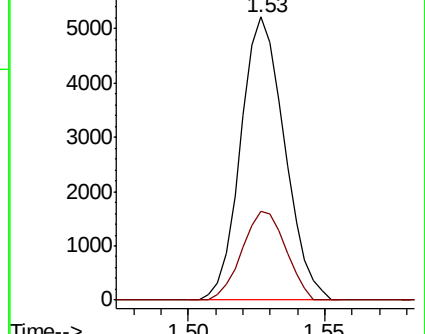
50 100

52 31.2 22.4 41.6



Abundance Ion 50.05 (49.75 to 50.75): VU041061.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU041061.D (-1) (-)



#8

Chloroethane

Concen: 0.136 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.01 min

Lab File: VU041061.D

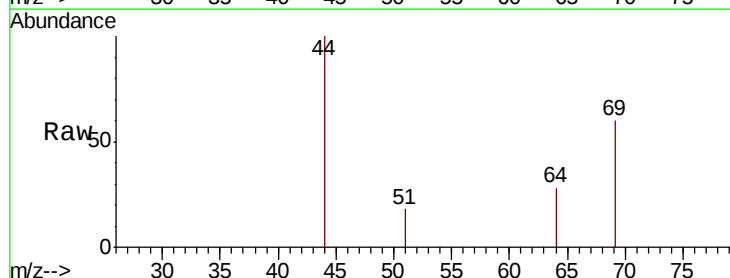
Acq: 02 Nov 2020 19:37

Tgt Ion: 64 Resp: 383

Ion Ratio Lower Upper

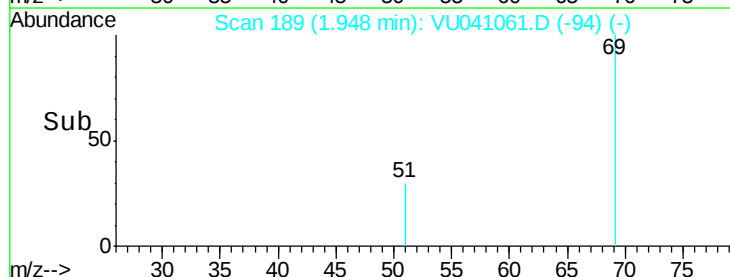
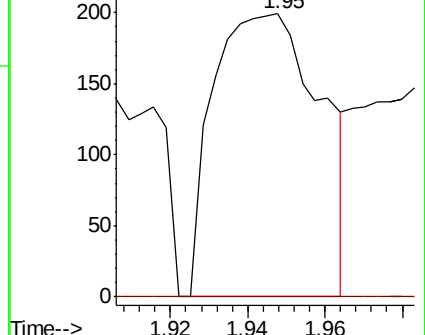
64 100

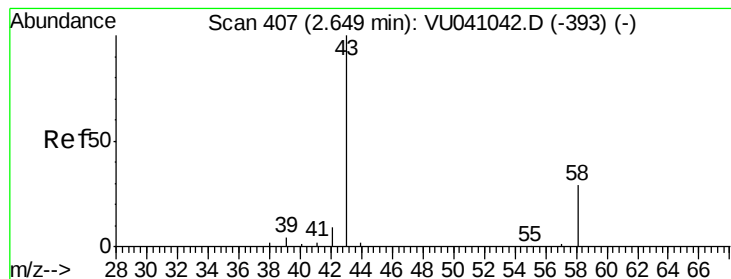
66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VU041061.D (-94) (-)

Ion 66.05 (65.75 to 66.75): VU041061.D (-94) (-)





#13

Acetone

Concen: 4.608 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU041061.D

Acq: 02 Nov 2020 19:37

Instrument :

MSVOA_U

ClientSampleId :

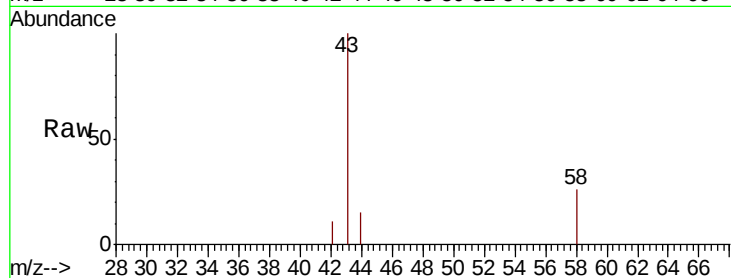
BFSF6

Tot Ion: 43 Resp: 4115

Ion Ratio Lower Upper

43 100

58 10.5 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU041061.D (-411) (-)

Ion 58.05 (57.75 to 58.75): VU041061.D (-411) (-)

2.66

1500

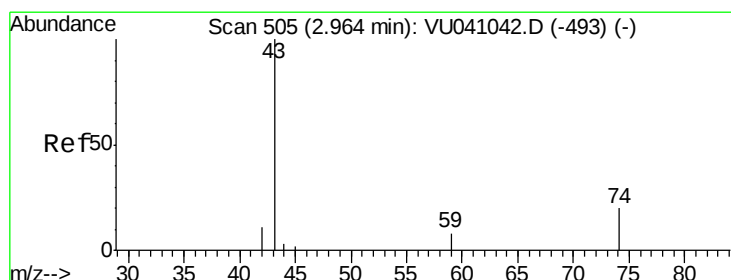
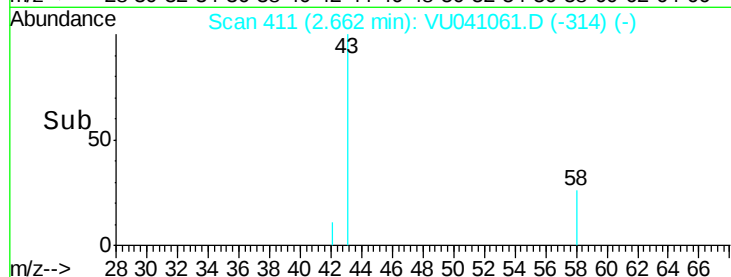
1000

500

0

2.60 2.65 2.70 2.75

Time-->



#15

Methyl Acetate

Concen: 0.306 ug/L

RT: 2.95 min Scan# 502

Delta R.T. -0.01 min

Lab File: VU041061.D

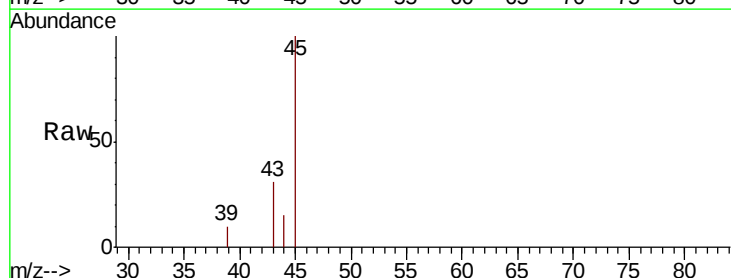
Acq: 02 Nov 2020 19:37

Tgt Ion: 43 Resp: 625

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VU041061.D (-412) (-)

Ion 74.05 (73.75 to 74.75): VU041061.D (-412) (-)

2.95

400

300

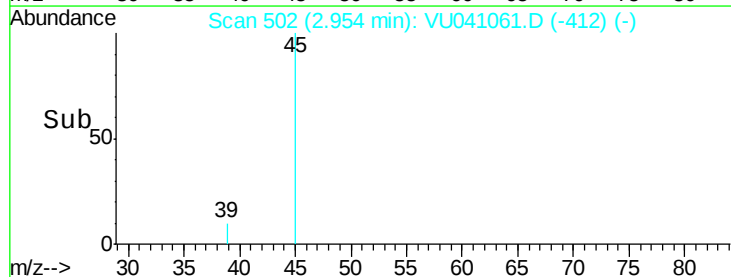
200

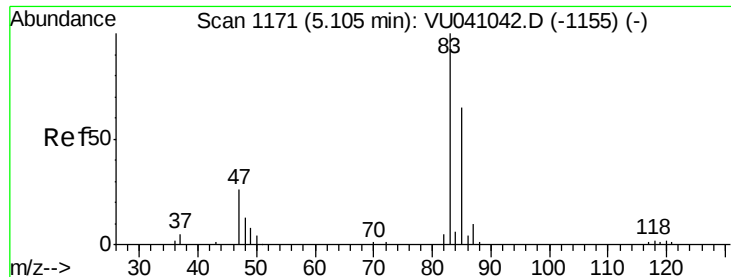
100

0

2.94 2.96 2.98

Time-->

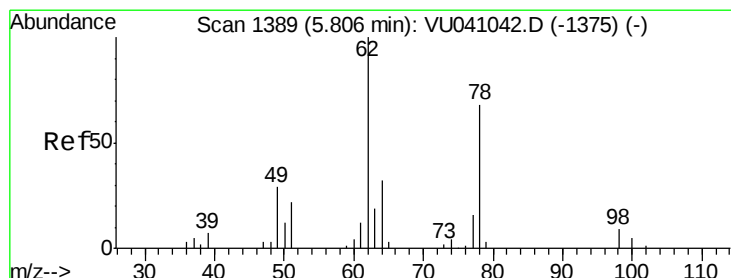
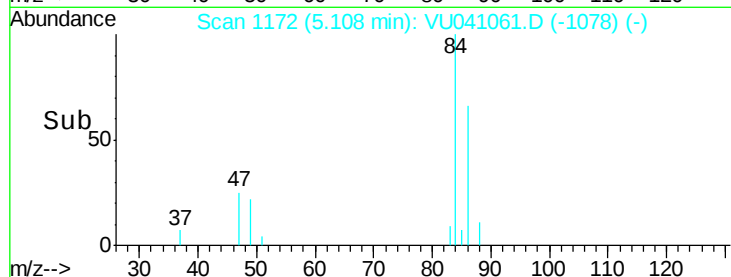
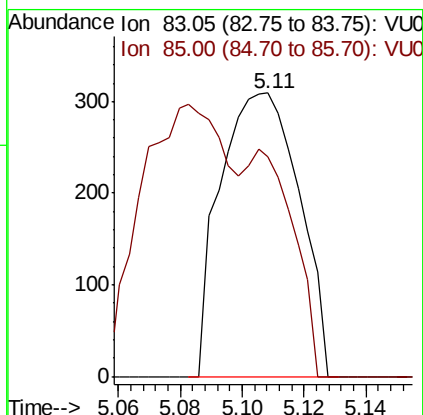
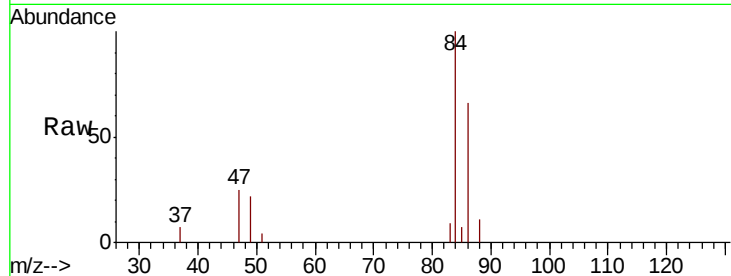




#25
Chloroform
Concen: 0.081 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU041061.D
Acq: 02 Nov 2020 19:37

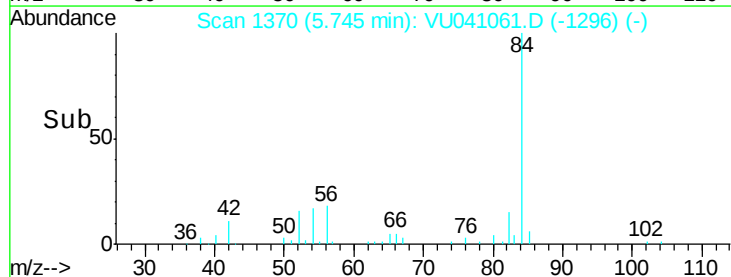
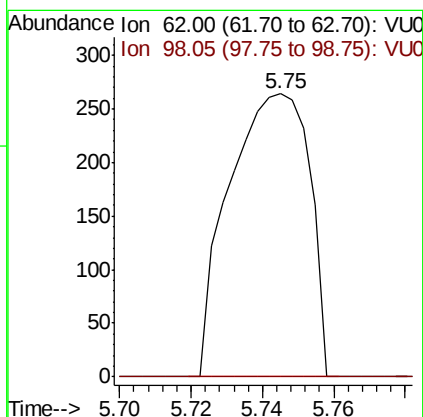
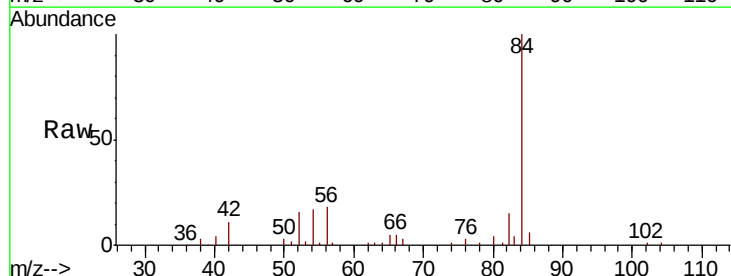
Instrument :
MSVOA_U
ClientSampleId :
BFSF6

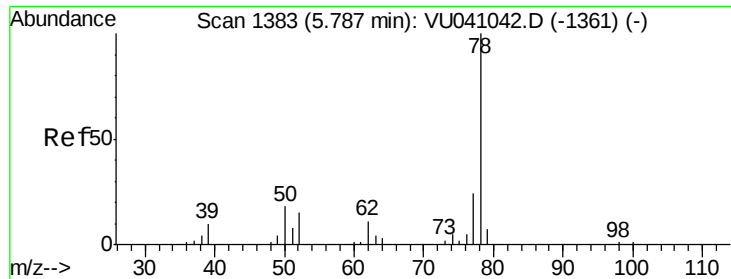
Tot Ion: 83 Resp: 548
Ion Ratio Lower Upper
83 100
85 77.7 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.75 min Scan# 1370
Delta R.T. -0.06 min
Lab File: VU041061.D
Acq: 02 Nov 2020 19:37

Tgt Ion: 62 Resp: 409
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 0.029 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU041061.D

Acq: 02 Nov 2020 19:37

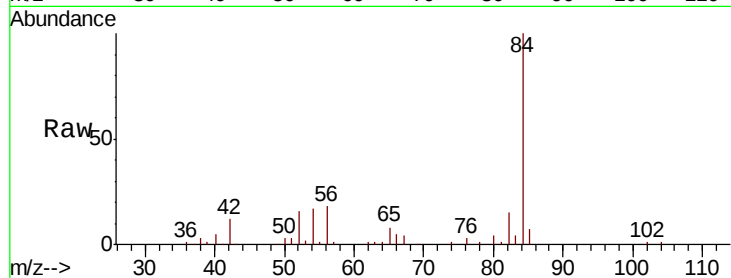
Instrument :

MSVOA_U

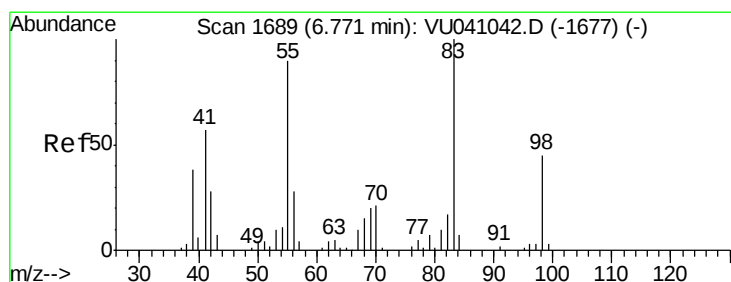
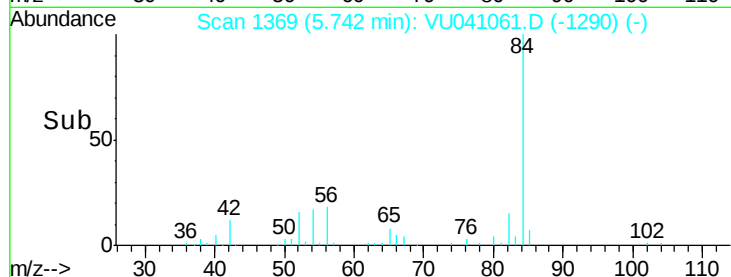
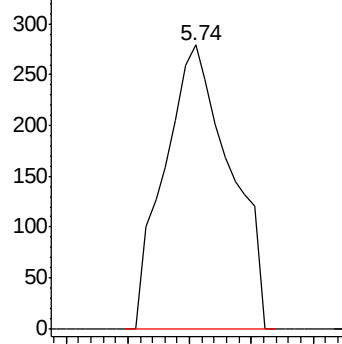
ClientSampled :

BFSF6

Tgt Ion: 78 Resp: 413



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.960 ug/L

RT: 6.70 min Scan# 1668

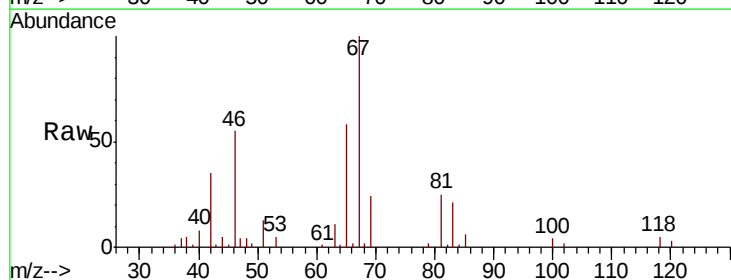
Delta R.T. -0.07 min

Lab File: VU041061.D

Acq: 02 Nov 2020 19:37

Tgt Ion: 83 Resp: 5279

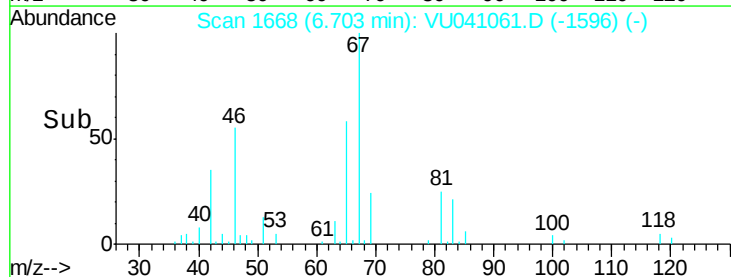
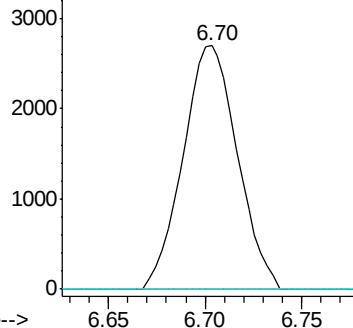
Ion	Ratio	Lower	Upper
83	100		
55	0.0	72.0	108.0#
98	0.0	36.6	55.0#

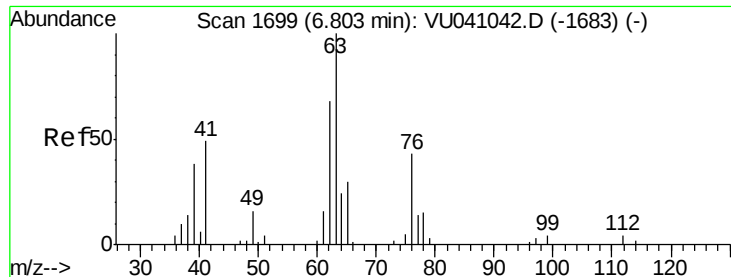


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.722 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.10 min

Lab File: VU041061.D

Acq: 02 Nov 2020 19:37

Instrument :

MSVOA_U

ClientSampleId :

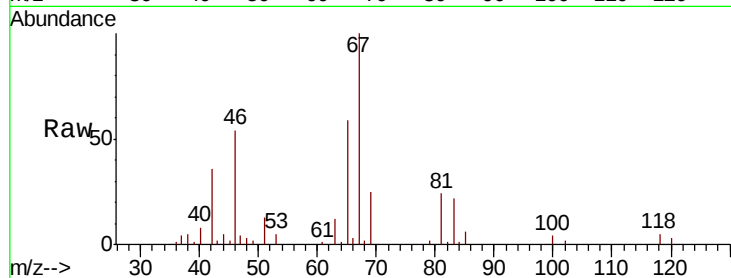
BFSF6

Tot Ion: 63 Resp: 2828

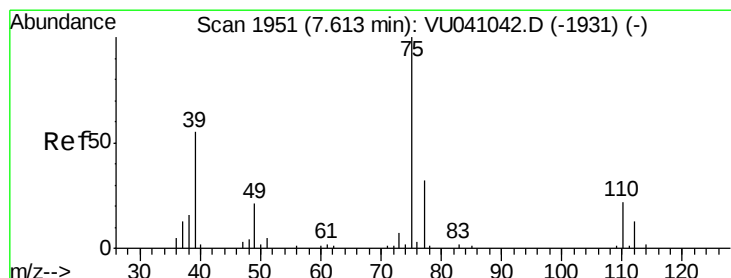
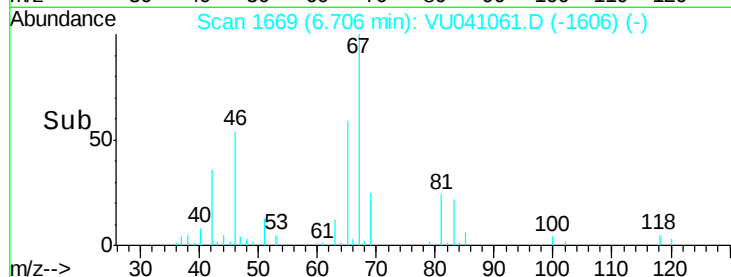
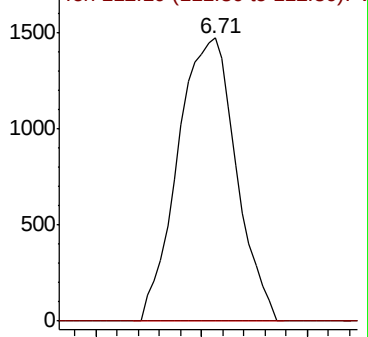
Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU041042.D (-1683) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU041061.D

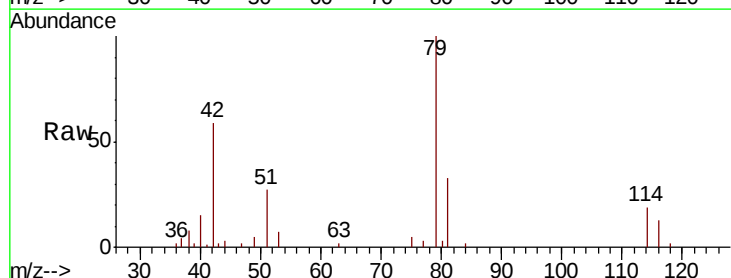
Acq: 02 Nov 2020 19:37

Tgt Ion: 75 Resp: 630

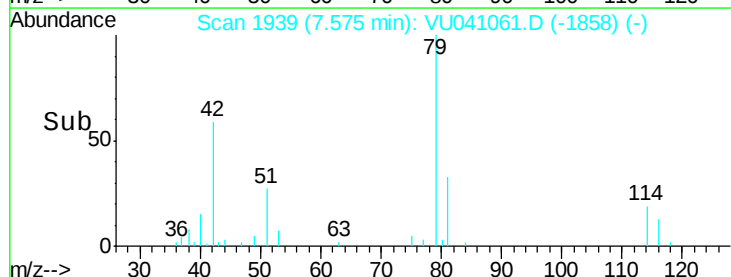
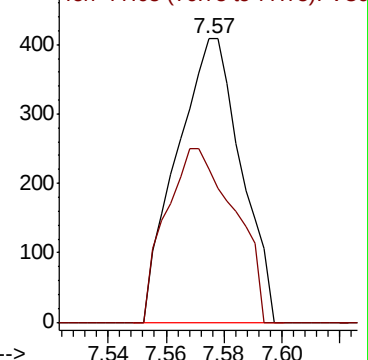
Ion Ratio Lower Upper

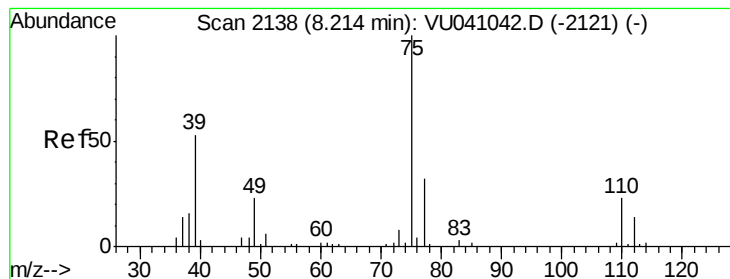
75 100

77 53.9 22.7 42.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041042.D (-1931) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041061.D

Acq: 02 Nov 2020 19:37

Instrument :

MSVOA_U

ClientSampleId :

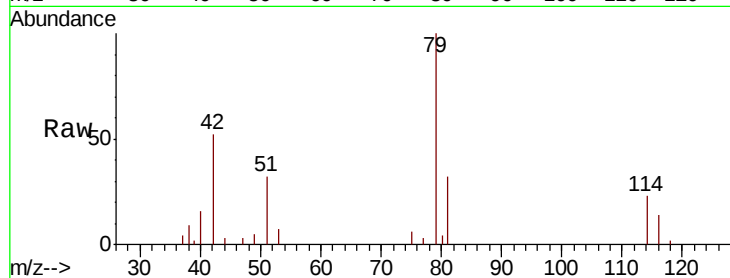
BFSF6

Tot Ion: 75 Resp: 415

Ion Ratio Lower Upper

75 100

77 54.7 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.18

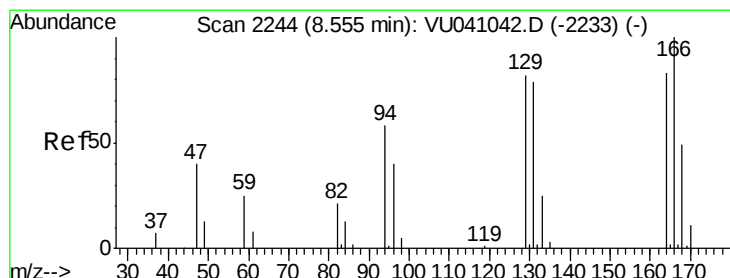
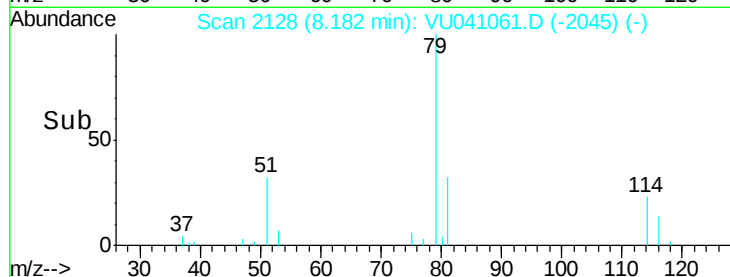
300

200

100

0

Time-->



#47

Tetrachloroethene

Concen: 0.378 ug/L

RT: 8.56 min Scan# 2246

Delta R.T. 0.01 min

Lab File: VU041061.D

Acq: 02 Nov 2020 19:37

Tgt Ion:164 Resp: 1023

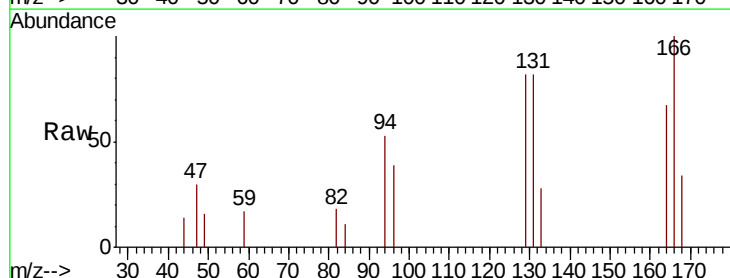
Ion Ratio Lower Upper

164 100

129 122.4 70.3 130.7

131 122.8 70.8 131.4

166 150.0 92.0 170.8



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

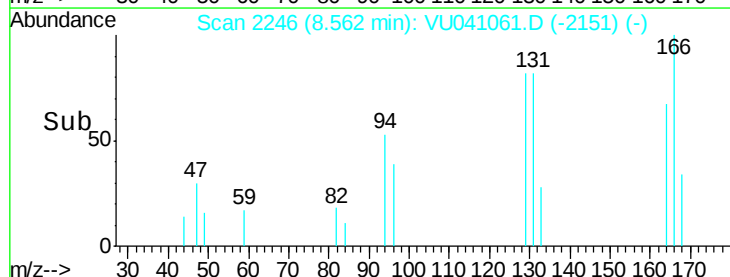
1500

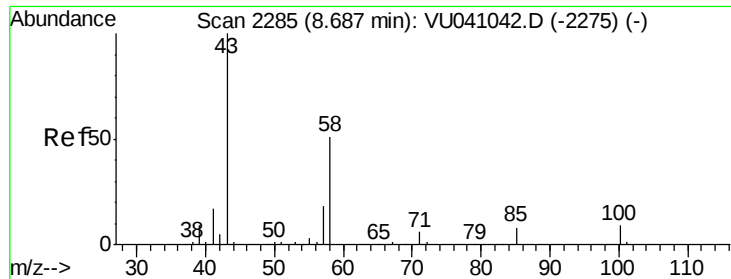
1000

500

0

Time-->

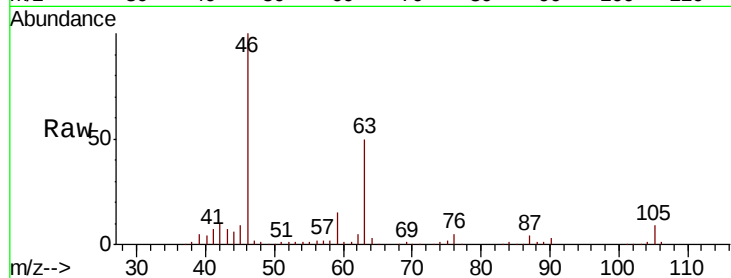




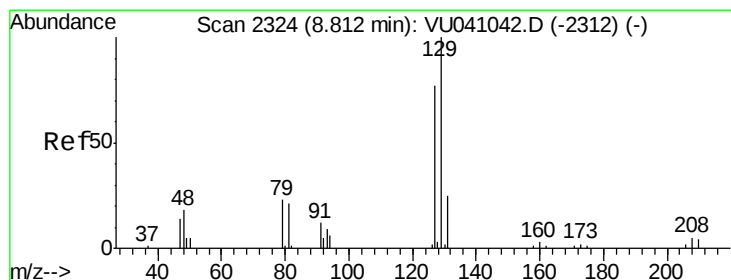
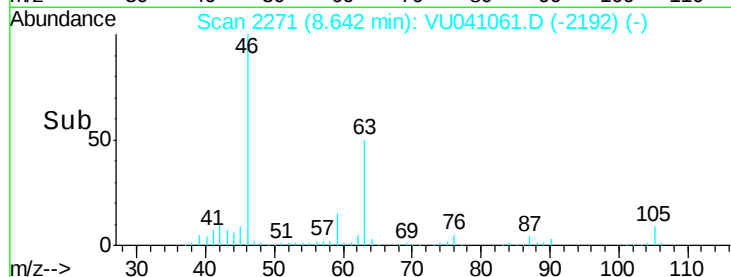
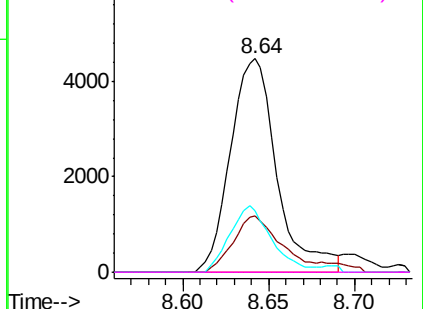
#48
2-Hexanone
Concen: 3.572 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.04 min
Lab File: VU041061.D
Acq: 02 Nov 2020 19:37

Instrument :
MSVOA_U
ClientSampleId :
BFSF6

Tot Ion: 43 Resp: 8401
Ion Ratio Lower Upper
43 100
58 29.9 41.4 62.2#
57 27.7 14.6 21.8#
100 0.0 8.3 12.5#

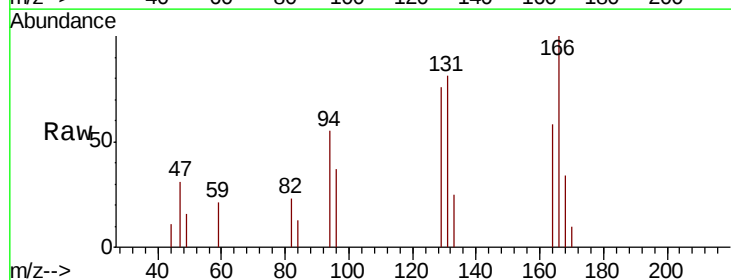


Abundance Ion 43.05 (42.75 to 43.75): VU041061.D (-2271) (-)
Ion 58.05 (57.75 to 58.75): VU041061.D (-2271) (-)
Ion 57.20 (56.90 to 57.90): VU041061.D (-2271) (-)
Ion 100.15 (99.85 to 100.85): VU041061.D (-2271) (-)

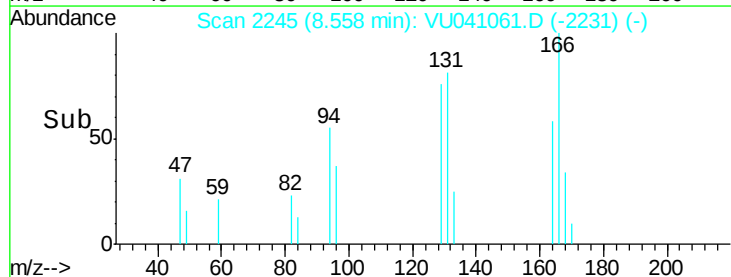
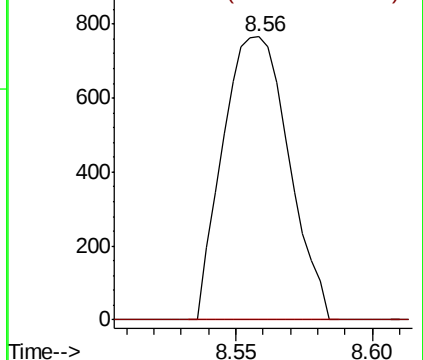


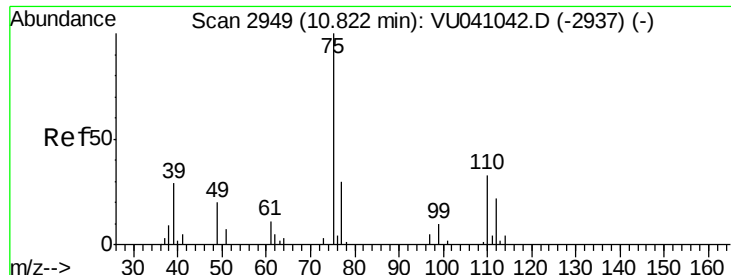
#49
Dibromochloromethane
Concen: 0.380 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. -0.25 min
Lab File: VU041061.D
Acq: 02 Nov 2020 19:37

Tgt Ion: 129 Resp: 1287
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



Abundance Ion 128.95 (128.65 to 129.65): VU041061.D (-2245) (-)
Ion 126.90 (126.60 to 127.60): VU041061.D (-2245) (-)





#59

1,2,3-Trichloropropane

Concen: 0.918 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU041061.D

Acq: 02 Nov 2020 19:37

Instrument :

MSVOA_U

ClientSampleId :

BFSF6

Tot Ion: 75 Resp: 2680

Ion Ratio Lower Upper

75 100

77 37.4 25.7 38.5

