

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100920\
 Data File : VU040597.D
 Acq On : 09 Oct 2020 20:20
 Operator : SY/MD
 Sample : L4349-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSE1

Quant Time: Oct 10 04:24:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 10 04:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	132659	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57953	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	49775	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.92	69	40458	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.58	63	74187	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.66	46	186246	52.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.90%
24) Chloroform-d	5.08	84	95660	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.72	65	58671	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.74	84	178559	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.70	67	60207	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.91	98	146324	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.19	79	23497	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.64	63	133020	52.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.18%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52384	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	59062	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

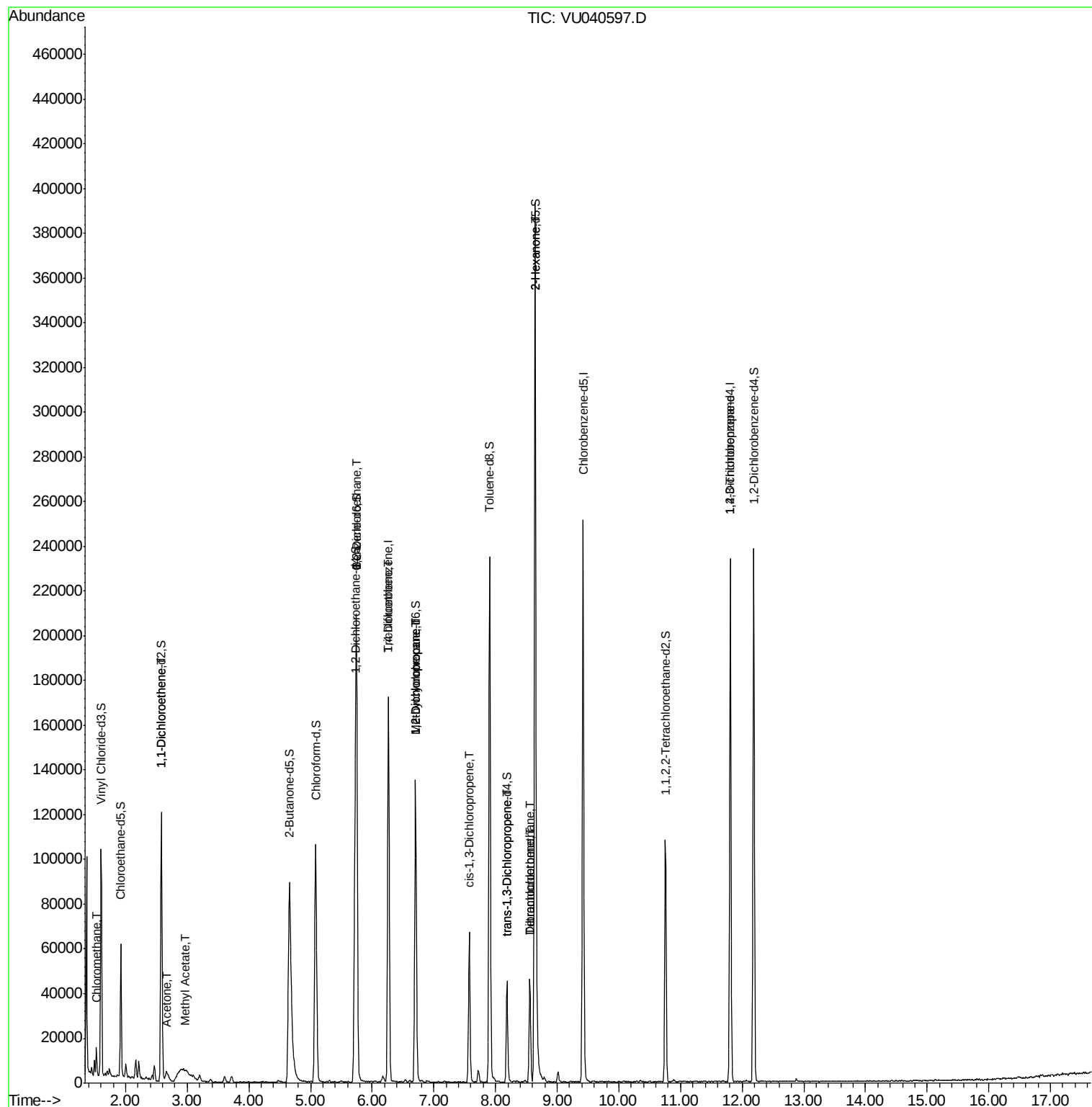
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	7901	0.703	ug/L	97
12) 1,1-Dichloroethene	2.58	96	525	0.055	ug/L #	1
13) Acetone	2.66	43	9812	3.599	ug/L	50
15) Methyl Acetate	2.97	43	1046	0.168	ug/L #	56
27) 1,2-Dichloroethane	5.74	62	1086	0.073	ug/L #	77
34) Trichloroethene	6.27	95	2312	0.213	ug/L #	5
35) Methylcyclohexane	6.70	83	14293	0.926	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	7130	0.610	ug/L #	87
39) cis-1,3-Dichloropropene	7.58	75	1569	0.098	ug/L #	42
44) trans-1,3-Dichloropropene	8.19	75	1027	0.070	ug/L #	74
47) Tetrachloroethene	8.56	164	9720	1.252	ug/L	92
48) 2-Hexanone	8.64	43	21343	3.075	ug/L #	70
49) Dibromochloromethane	8.56	129	10101	1.002	ug/L #	9
59) 1,2,3-Trichloropropane	11.81	75	8260	0.962	ug/L	98

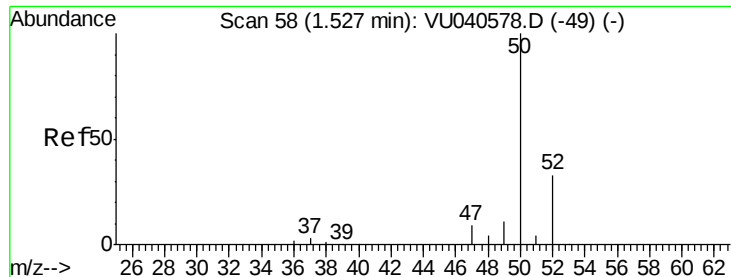
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 10 04:13:39 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.703 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040597.D

Acq: 09 Oct 2020 20:20

Instrument :

MSVOA_U

ClientSampleId :

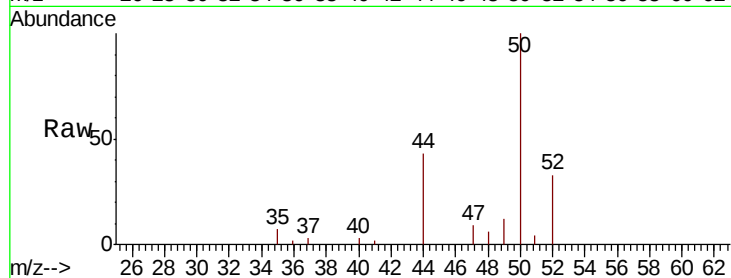
BFSE1

Tot Ion: 50 Resp: 7901

Ion Ratio Lower Upper

50 100

52 33.1 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

8000

6000

4000

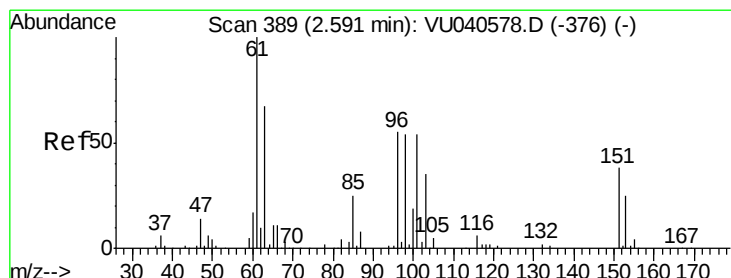
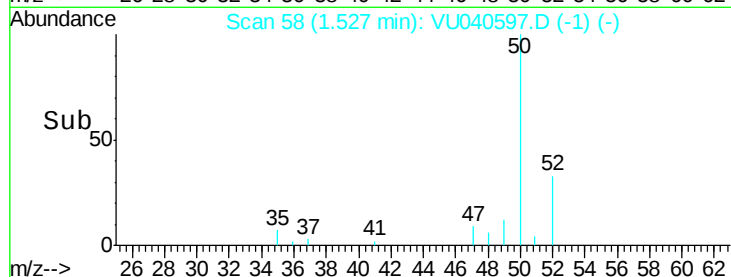
2000

0

Time-->

1.50

1.55



#12

1,1-Dichloroethene

Concen: 0.055 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040597.D

Acq: 09 Oct 2020 20:20

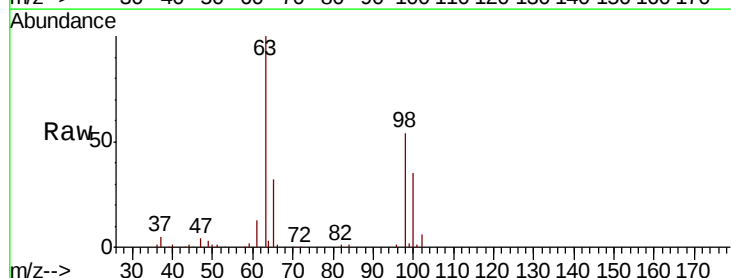
Tgt Ion: 96 Resp: 525

Ion Ratio Lower Upper

96 100

61 1280.7 128.8 239.2#

63 10119.6 84.6 157.2#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

60000

50000

40000

30000

20000

10000

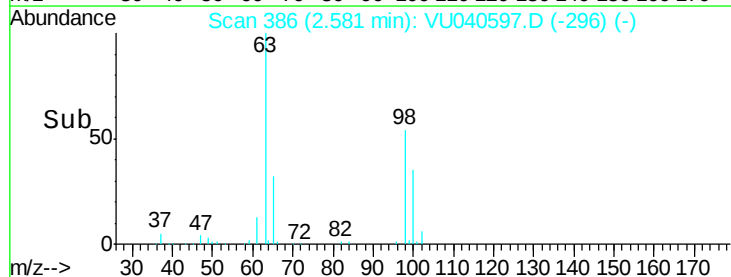
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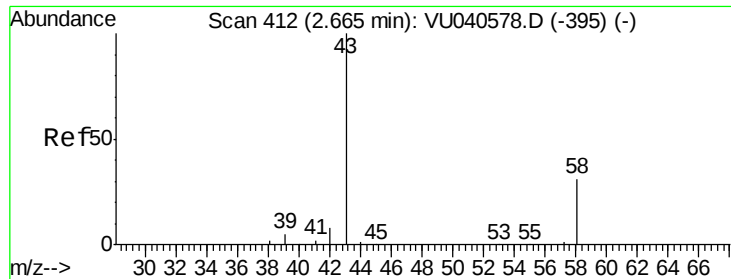
Time-->

2.56

2.58

2.60





#13

Acetone

Concen: 3.599 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.00 min

Lab File: VU040597.D

Acq: 09 Oct 2020 20:20

Instrument :

MSVOA_U

ClientSampleId :

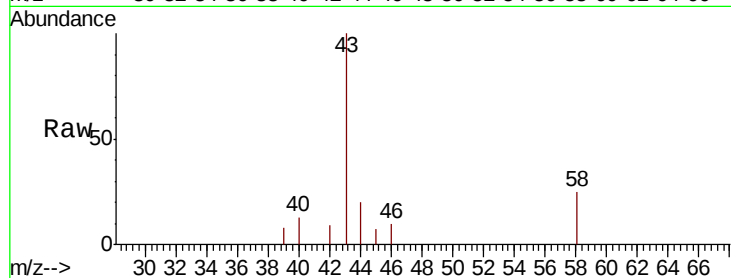
BFSE1

Tot Ion: 43 Resp: 9812

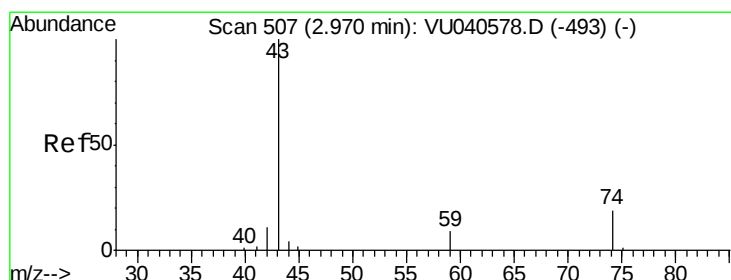
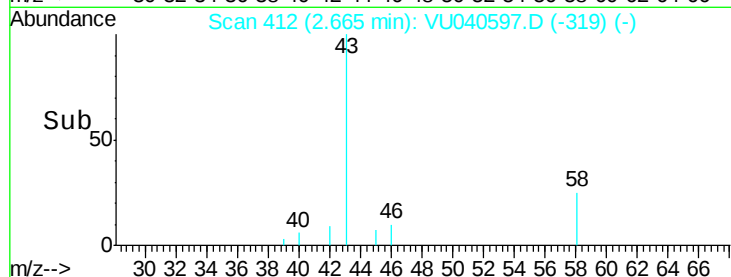
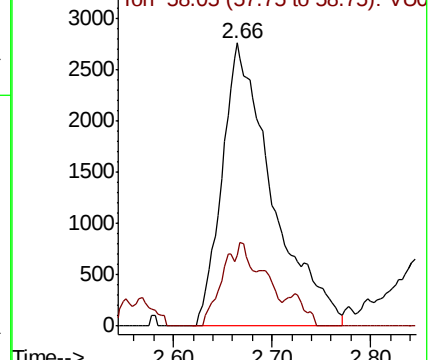
Ion Ratio Lower Upper

43 100

58 3.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU040597.D (-319) (-)



#15

Methyl Acetate

Concen: 0.168 ug/L

RT: 2.97 min Scan# 508

Delta R.T. 0.00 min

Lab File: VU040597.D

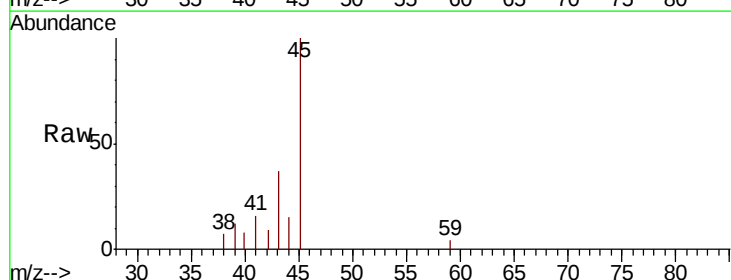
Acq: 09 Oct 2020 20:20

Tgt Ion: 43 Resp: 1046

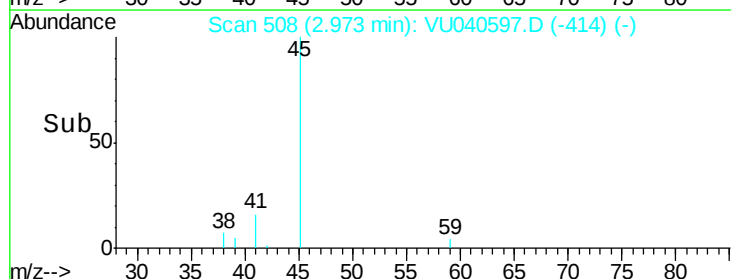
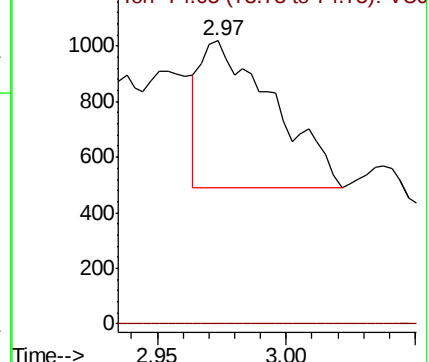
Ion Ratio Lower Upper

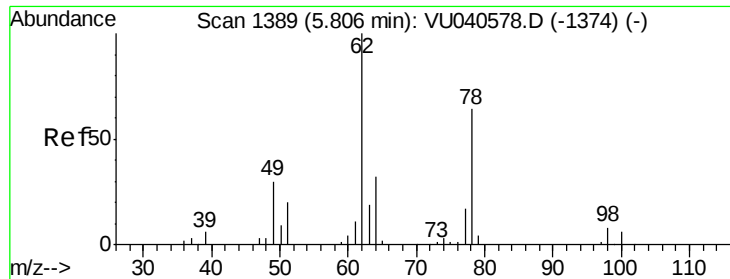
43 100

74 0.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VU040597.D (-414) (-)

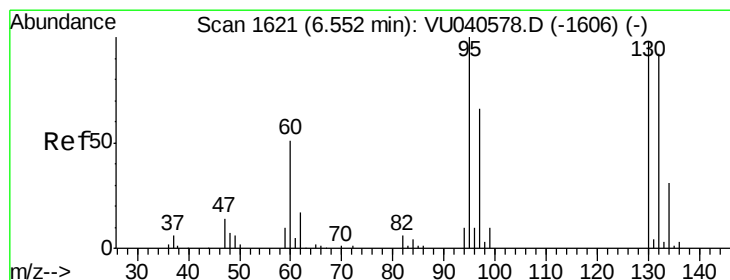
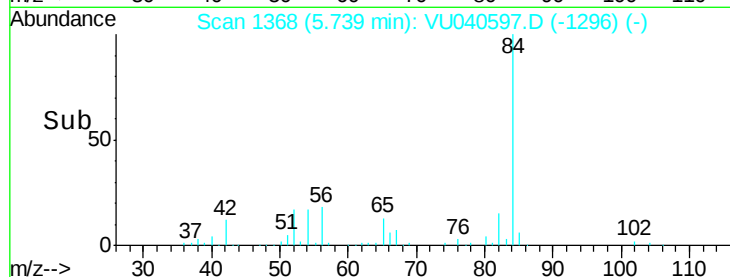
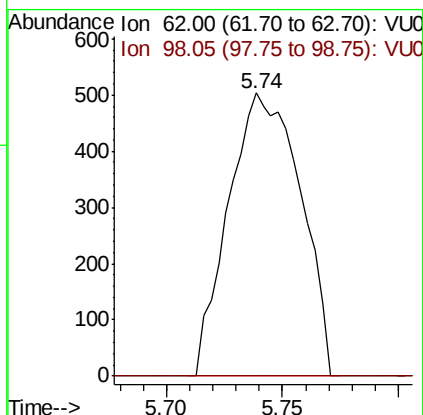
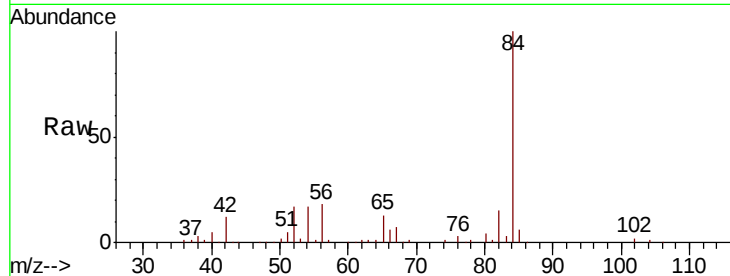




#27
 1,2-Dichloroethane
 Concen: 0.073 ug/L
 RT: 5.74 min Scan# 1368
 Delta R.T. -0.07 min
 Lab File: VU040597.D
 Acq: 09 Oct 2020 20:20

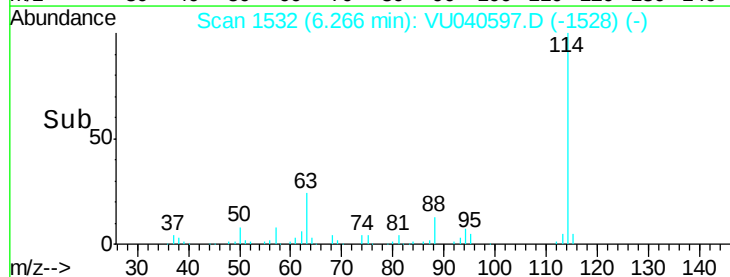
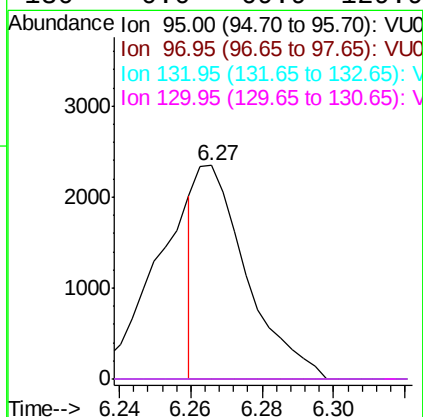
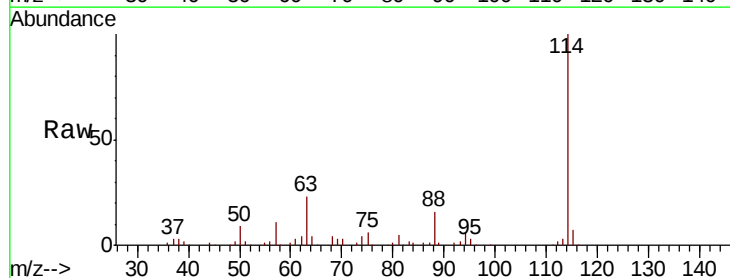
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 BFSE1

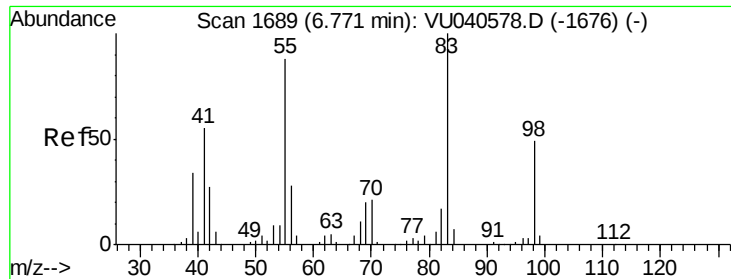
Tot Ion: 62 Resp: 1086
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#34
 Trichloroethene
 Concen: 0.213 ug/L
 RT: 6.27 min Scan# 1532
 Delta R.T. -0.29 min
 Lab File: VU040597.D
 Acq: 09 Oct 2020 20:20

Tgt Ion: 95 Resp: 2312
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.5 84.5#
 132 0.0 67.5 125.4#
 130 0.0 69.9 129.9#

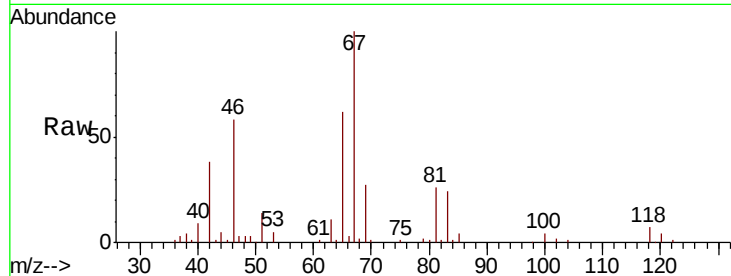




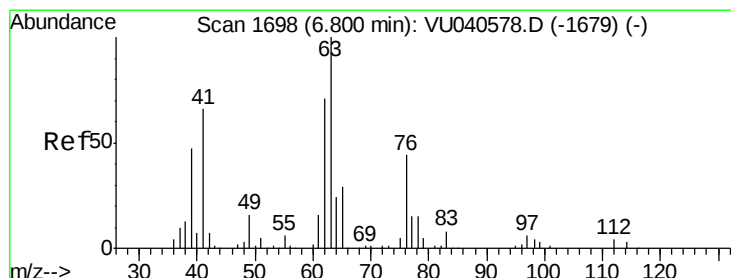
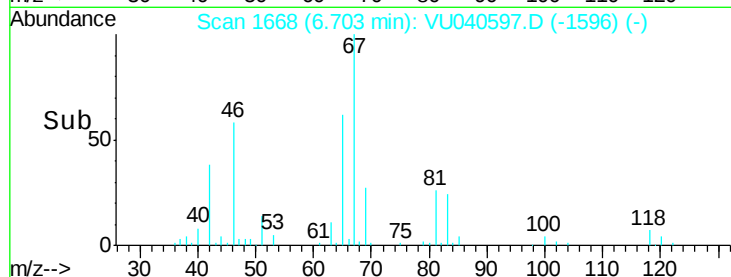
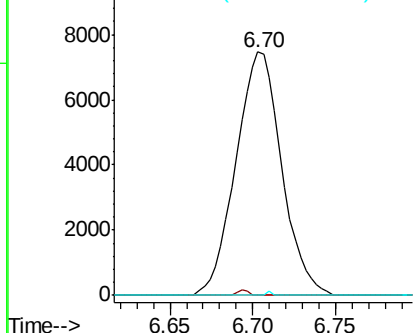
#35
Methvlcvclohexane
Concen: 0.926 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040597.D
Acq: 09 Oct 2020 20:20

Instrument :
MSVOA_U
ClientSampleId :
BFSE1

Tot Ion: 83 Resp: 14293
Ion Ratio Lower Upper
83 100
55 0.5 70.7 106.1#
98 0.2 38.4 57.6#

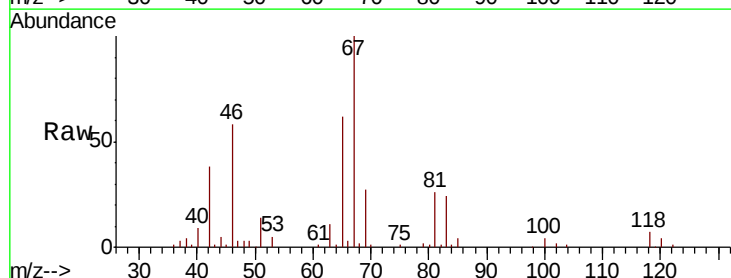


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

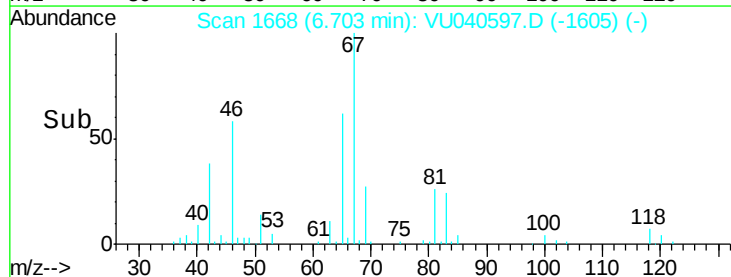
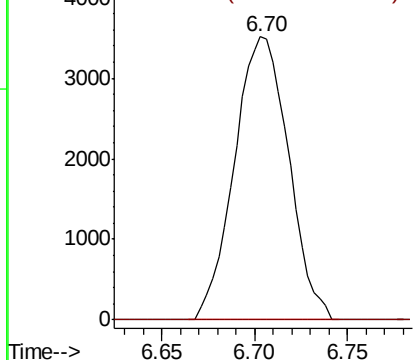


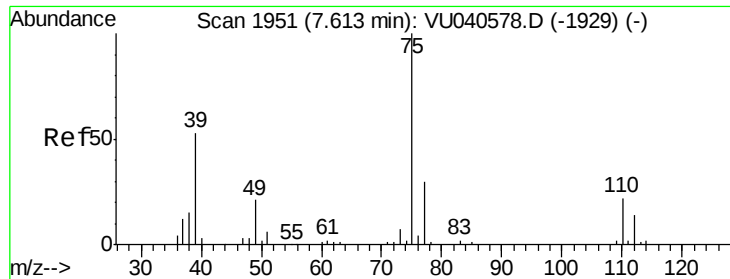
#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040597.D
Acq: 09 Oct 2020 20:20

Tgt Ion: 63 Resp: 7130
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



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: 0.098 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU040597.D

Acq: 09 Oct 2020 20:20

Instrument :

MSVOA_U

ClientSampled :

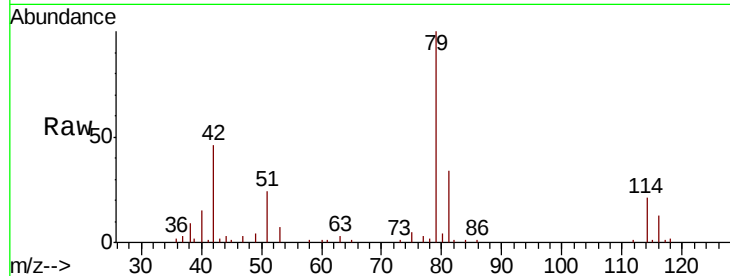
BFSE1

Tot Ion: 75 Resp: 1569

Ion Ratio Lower Upper

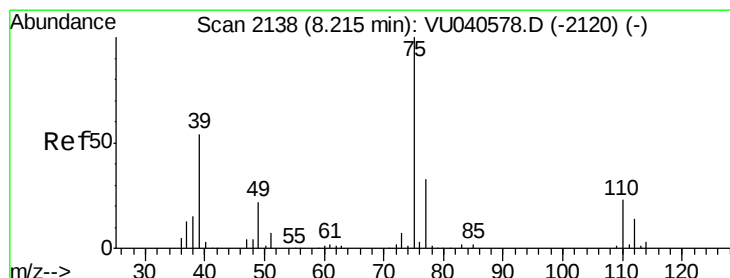
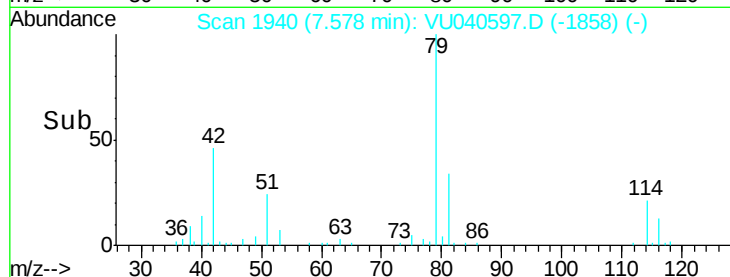
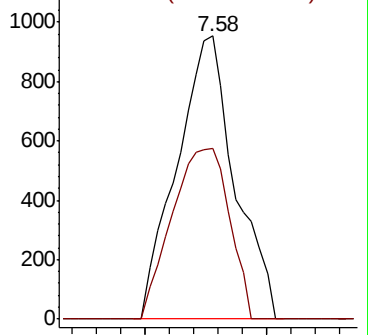
75 100

77 60.3 20.5 38.1#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040597.D

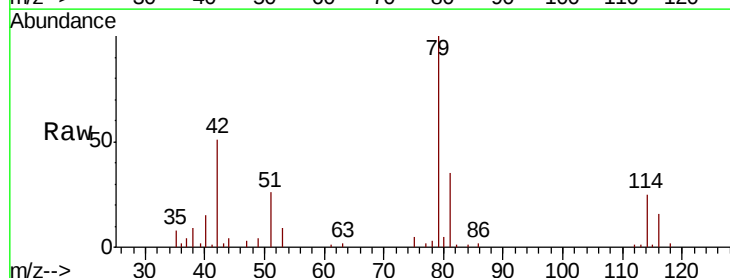
Acq: 09 Oct 2020 20:20

Tgt Ion: 75 Resp: 1027

Ion Ratio Lower Upper

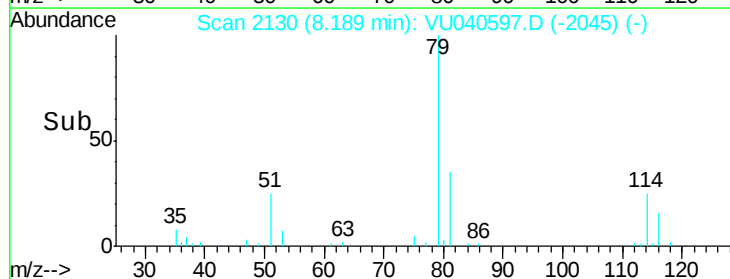
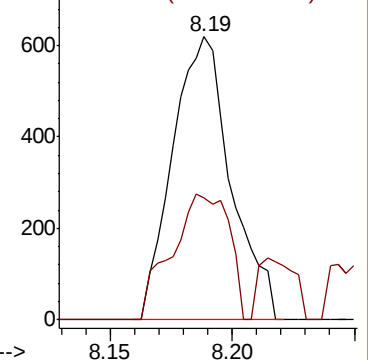
75 100

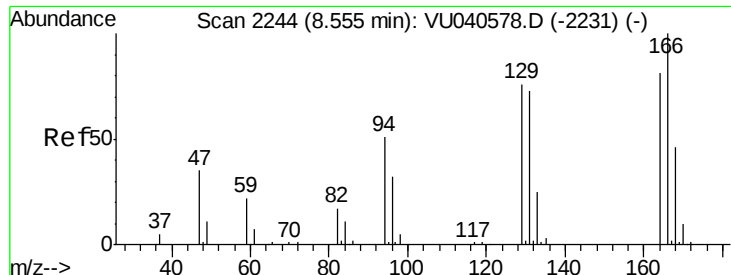
77 43.0 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

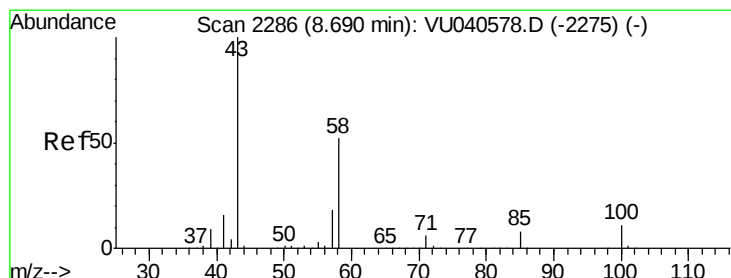
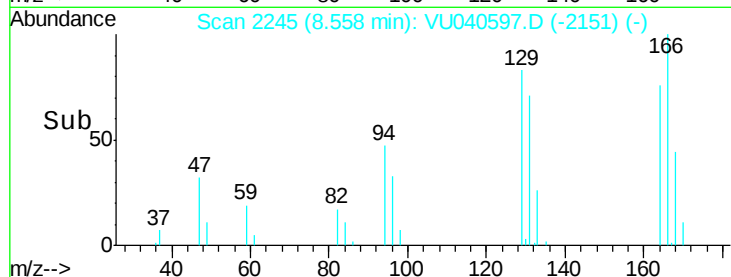
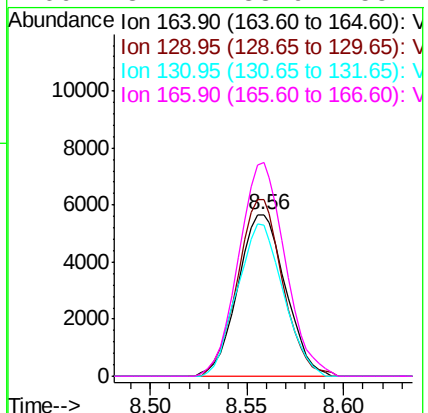
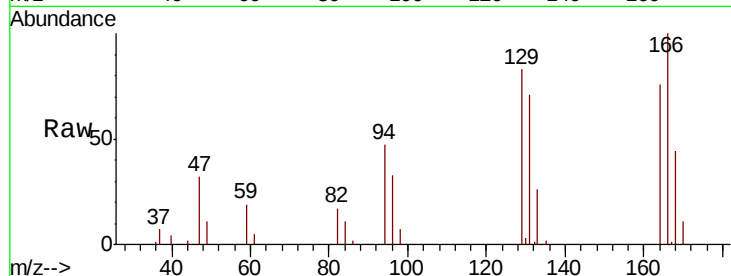




#47
Tetrachloroethene
Concen: 1.252 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040597.D
Acq: 09 Oct 2020 20:20

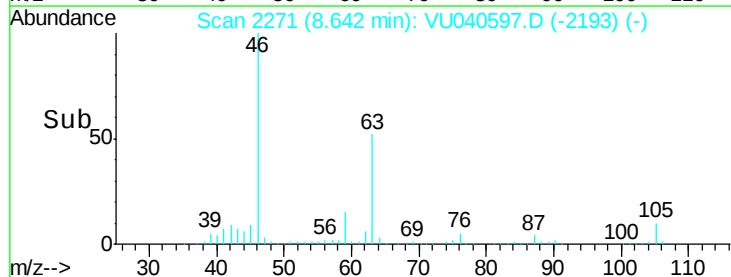
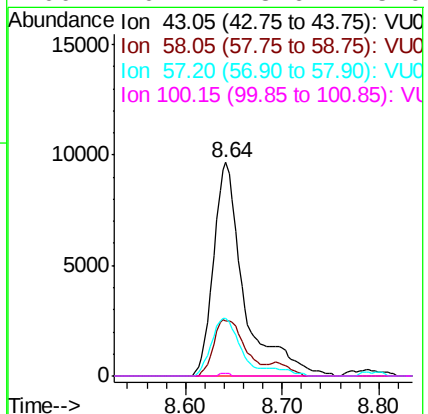
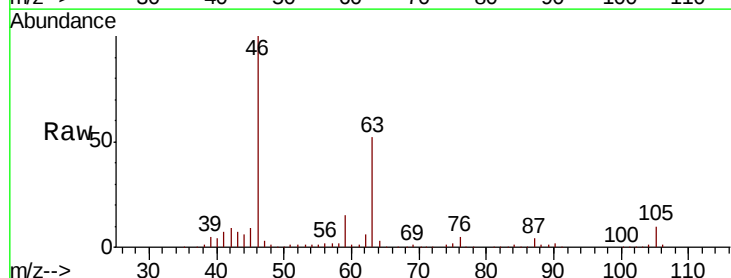
Instrument :
MSVOA_U
ClientSampleId :
BFSE1

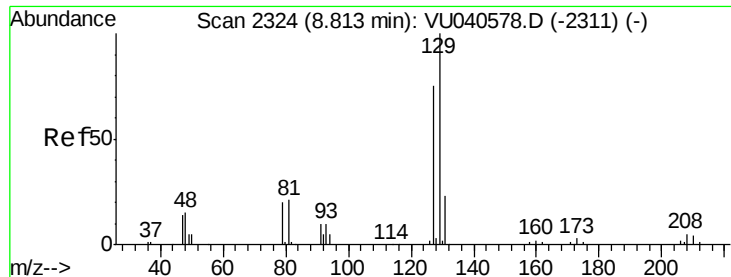
Tot Ion:164 Resp: 9720
Ion Ratio Lower Upper
164 100
129 109.5 68.8 127.8
131 93.6 66.7 123.9
166 132.2 83.9 155.7



#48
2-Hexanone
Concen: 3.075 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040597.D
Acq: 09 Oct 2020 20:20

Tgt Ion: 43 Resp: 21343
Ion Ratio Lower Upper
43 100
58 26.8 41.0 61.6#
57 25.1 14.4 21.6#
100 0.4 8.6 13.0#





#49

Dibromochloromethane

Concen: 1.002 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU040597.D

Acq: 09 Oct 2020 20:20

Instrument :

MSVOA_U

ClientSampleId :

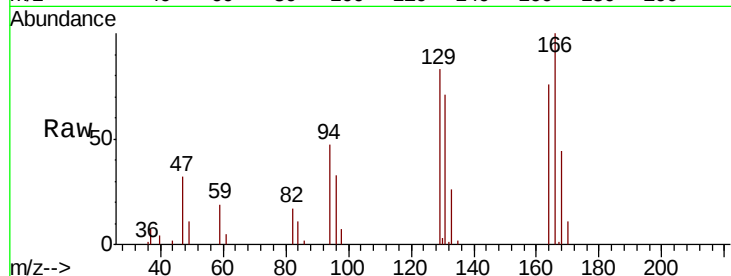
BFSE1

Tot Ion:129 Resp: 10101

Ion Ratio Lower Upper

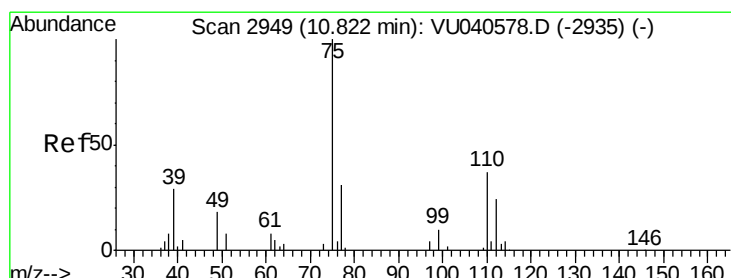
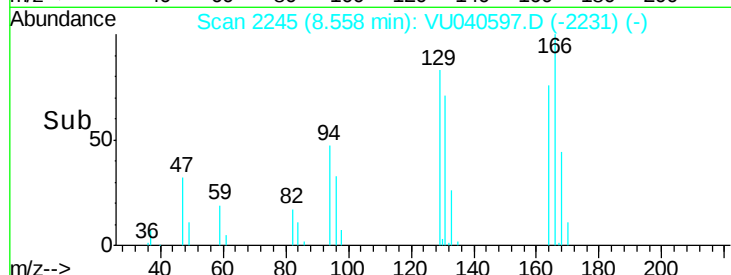
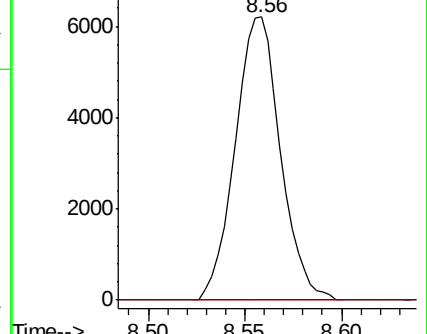
129 100

127 0.0 55.8 103.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.962 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040597.D

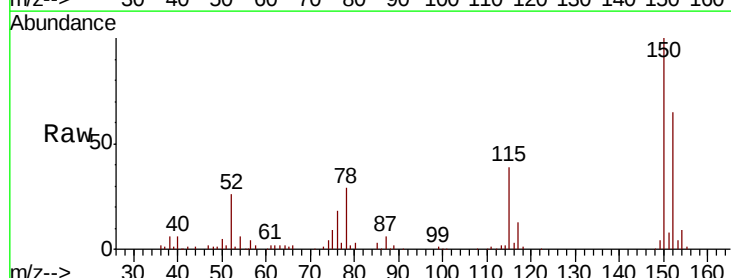
Acq: 09 Oct 2020 20:20

Tgt Ion: 75 Resp: 8260

Ion Ratio Lower Upper

75 100

77 34.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

