

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039923.D
 Acq On : 21 Aug 2020 12:50
 Operator : SY/MD
 Sample : L3767-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSD3

Quant Time: Aug 22 00:47:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 22 00:45:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	86382	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38280	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27043	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.92	69	25840	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.58	63	35641	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.66	46	95484	39.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.20%
24) Chloroform-d	5.08	84	53471	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.72	65	30089	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
32) Benzene-d6	5.74	84	99328	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.70	67	34728	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.91	98	80633	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	8.19	79	12778	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.64	63	72395	42.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28475	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34332	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

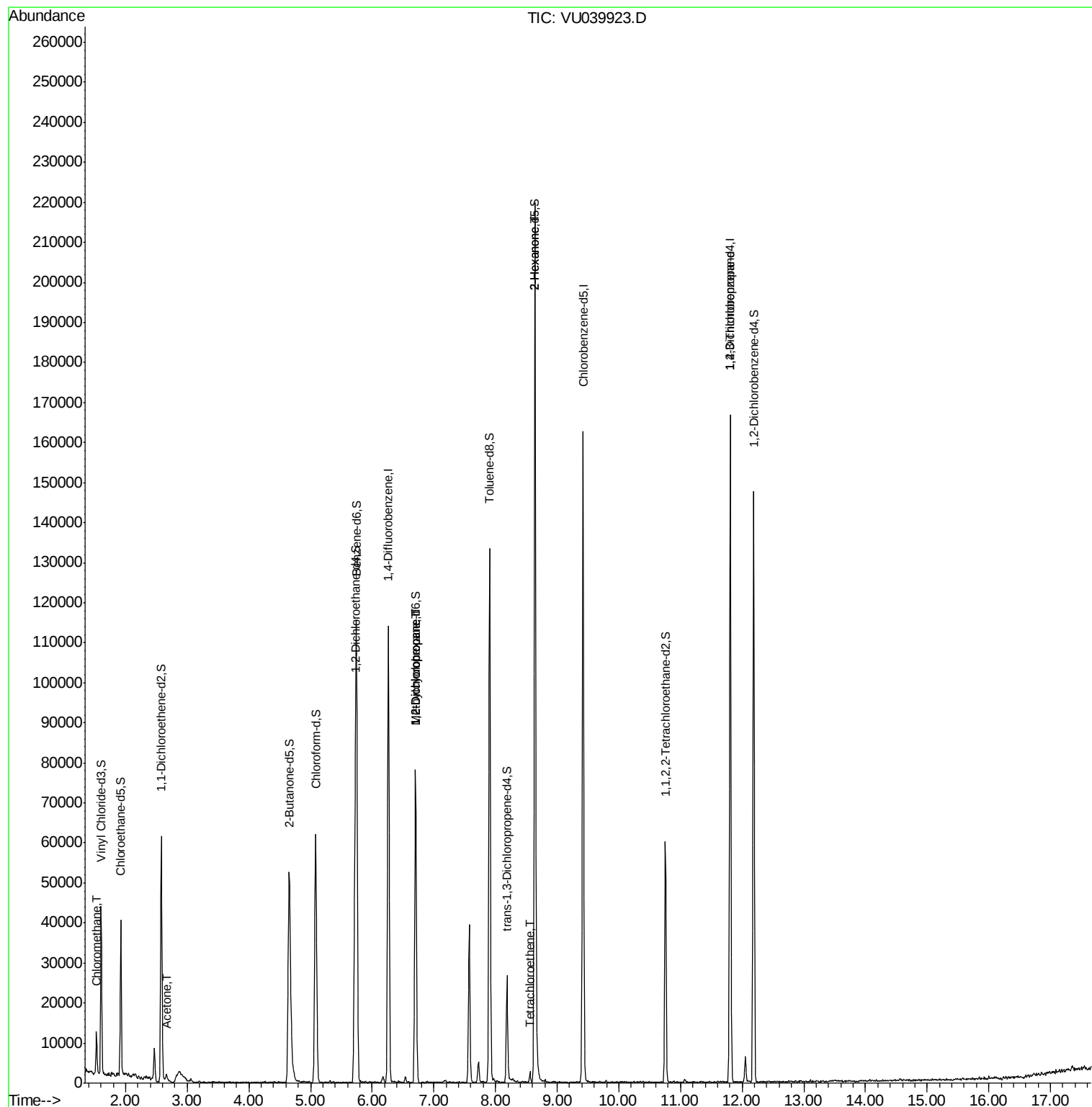
					Ovalue
3) Chloromethane	1.53	50	8033	0.791	ug/L 96
13) Acetone	2.66	43	2760	1.675	ug/L 74
35) Methylcyclohexane	6.70	83	7757	0.656	ug/L # 16
37) 1,2-Dichloropropane	6.70	63	4007	0.507	ug/L # 85
47) Tetrachloroethene	8.56	164	579	0.102	ug/L 90
48) 2-Hexanone	8.64	43	8886	1.980	ug/L # 76
59) 1,2,3-Trichloropropane	11.80	75	6221	1.098	ug/L 96

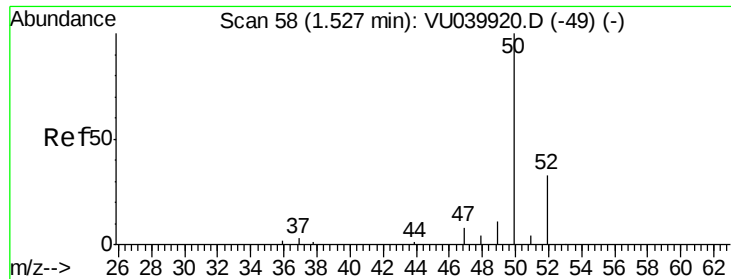
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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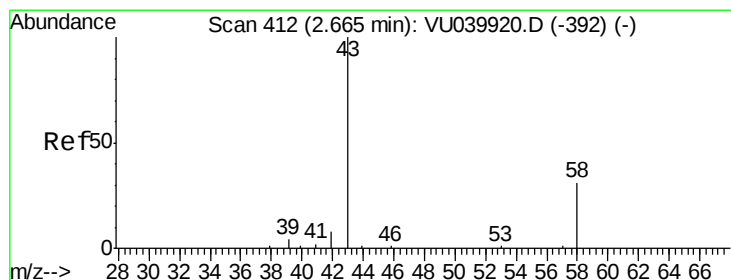
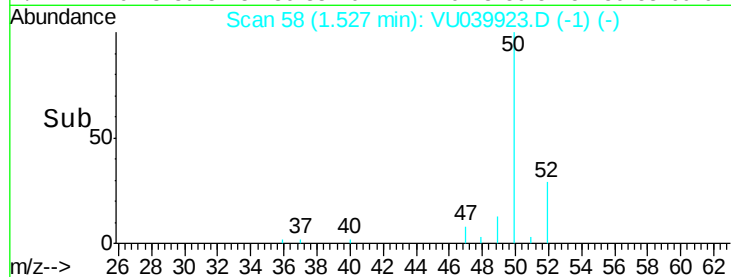
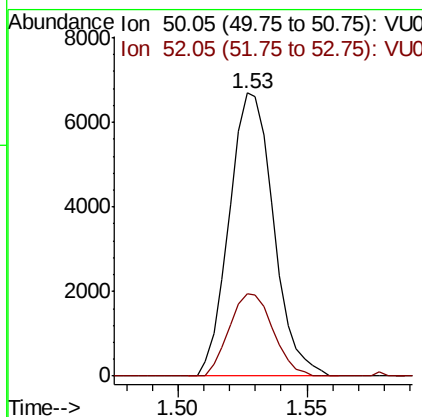
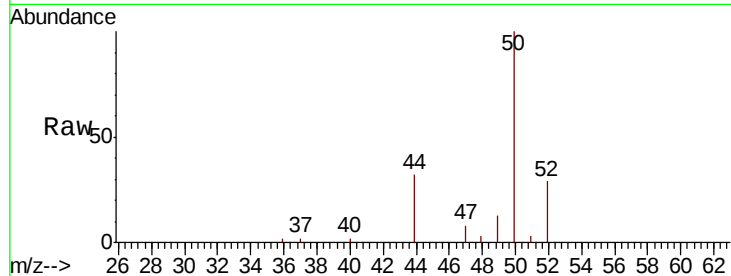




#3
 Chloromethane
 Concen: 0.791 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU039923.D
 Acq: 21 Aug 2020 12:50

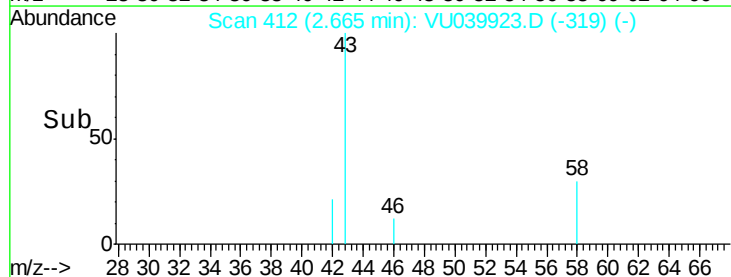
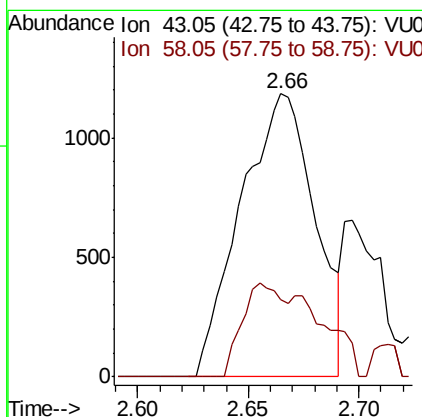
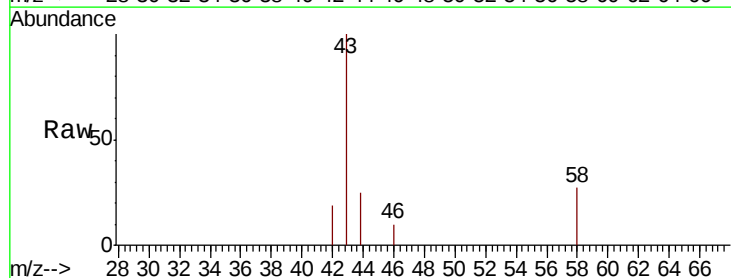
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 MSVOA_U
 ClientSampleId :
 BFSD3

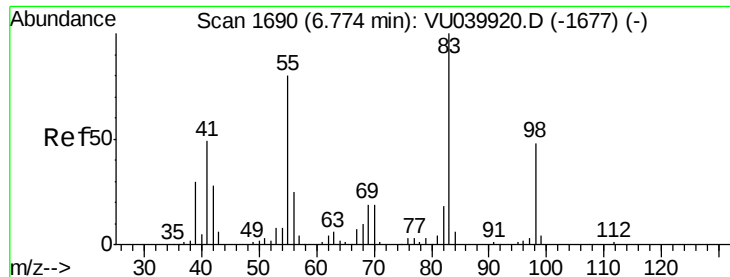
Tot Ion: 50 Resp: 8033
 Ion Ratio Lower Upper
 50 100
 52 29.2 21.9 40.7



#13
 Acetone
 Concen: 1.675 ug/L
 RT: 2.66 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: VU039923.D
 Acq: 21 Aug 2020 12:50

Tgt Ion: 43 Resp: 2760
 Ion Ratio Lower Upper
 43 100
 58 19.0 0.0 19.0

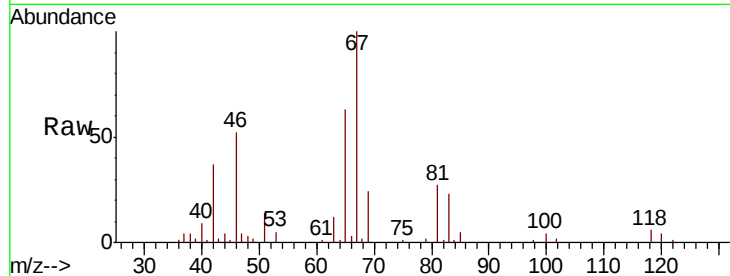




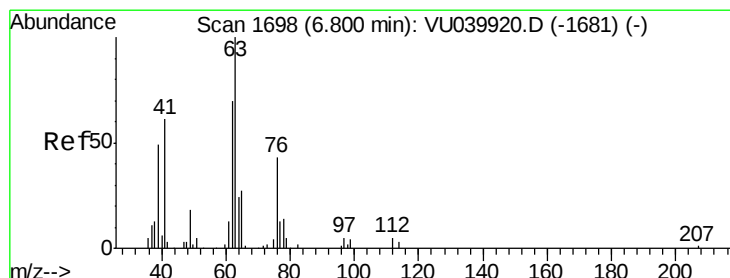
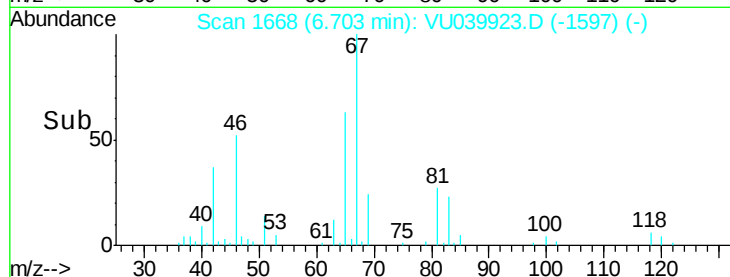
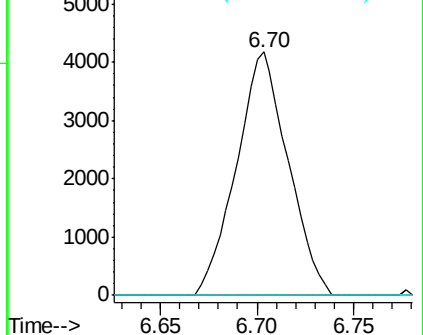
#35
Methylcyclohexane
Concen: 0.656 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039923.D
Acq: 21 Aug 2020 12:50

Instrument :
MSVOA_U
ClientSampleId :
BFSD3

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.1	96.1#
98	0.0	39.4	59.0#

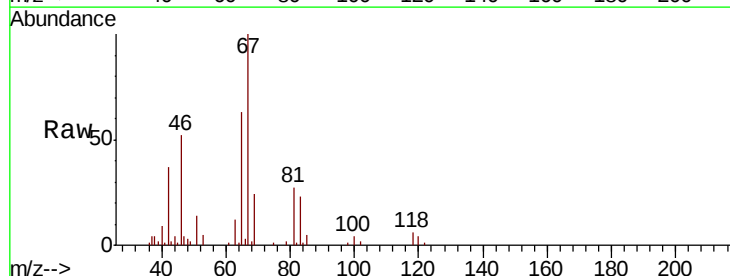


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

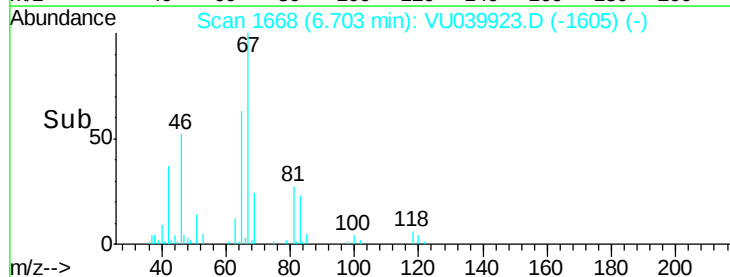
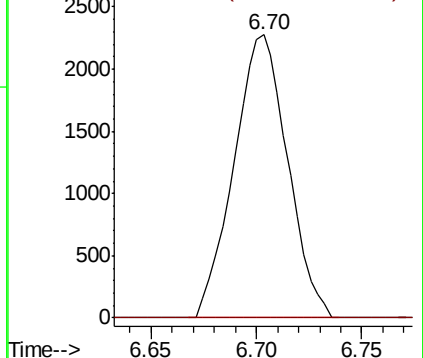


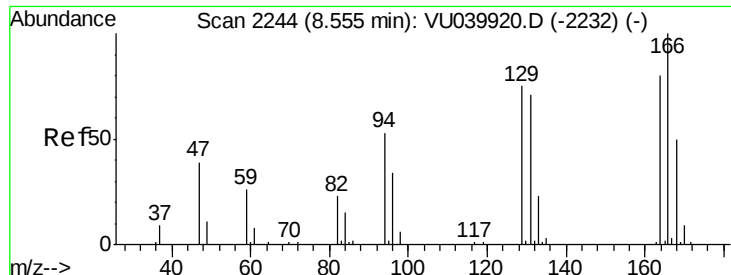
#37
1,2-Dichloropropane
Concen: 0.507 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039923.D
Acq: 21 Aug 2020 12:50

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#



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





#47

Tetrachloroethene

Concen: 0.102 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039923.D

Acq: 21 Aug 2020 12:50

Instrument :

MSVOA_U

ClientSampleId :

BFSD3

Tot Ion:164 Resp: 579

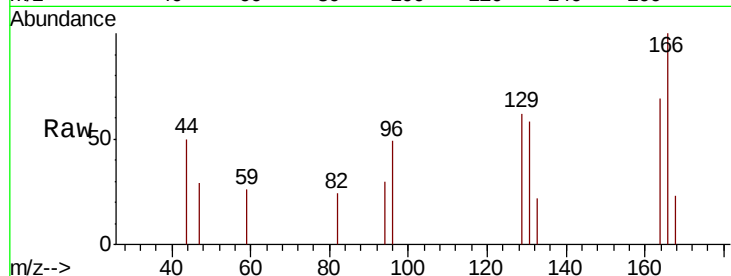
Ion Ratio Lower Upper

164 100

129 89.5 69.1 128.3

131 84.5 66.0 122.6

166 145.3 94.0 174.6



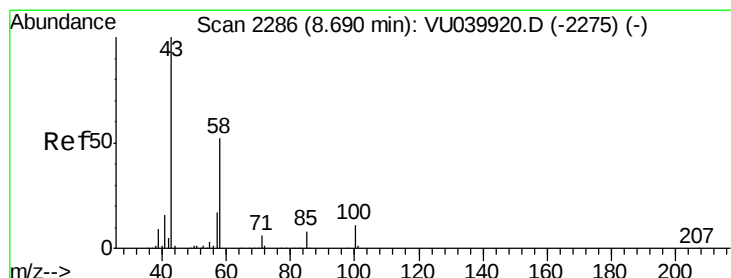
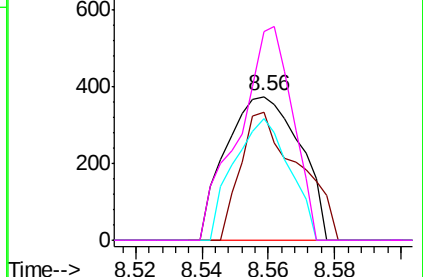
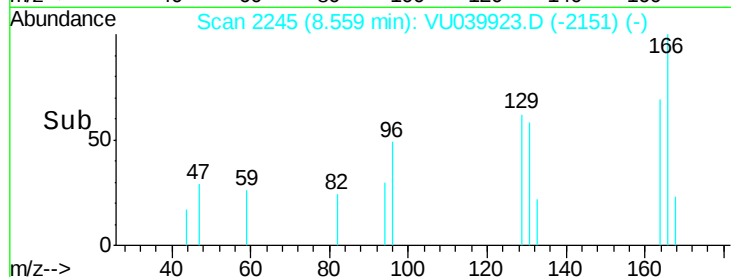
Abundance Ion 163.90 (163.60 to 164.60): V

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

Time-->



#48

2-Hexanone

Concen: 1.980 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU039923.D

Acq: 21 Aug 2020 12:50

Tgt Ion: 43 Resp: 8886

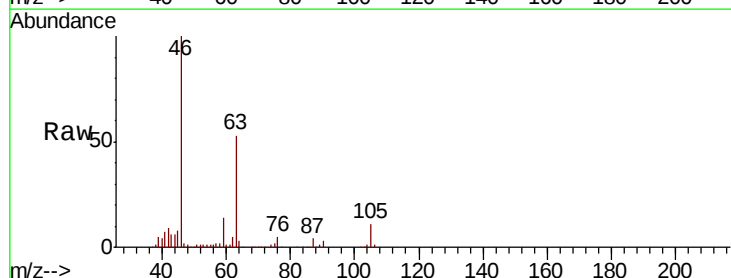
Ion Ratio Lower Upper

43 100

58 30.8 41.3 61.9#

57 19.6 14.1 21.1

100 0.0 9.1 13.7#



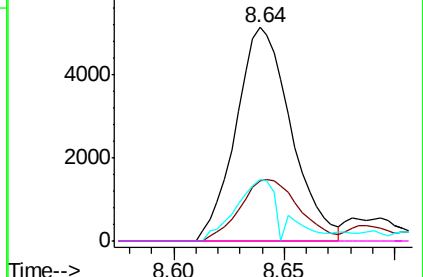
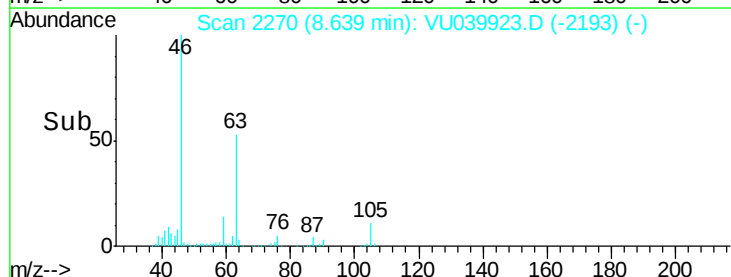
Abundance Ion 43.05 (42.75 to 43.75): VU0

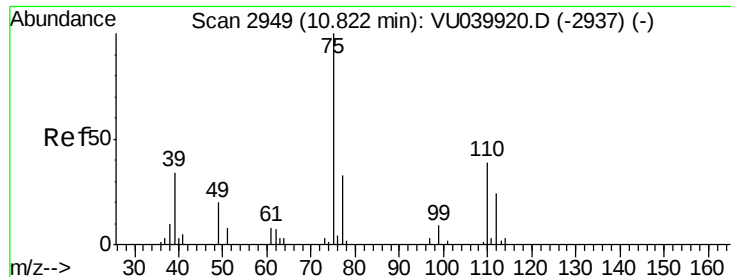
Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

Time-->





#59

1,2,3-Trichloropropane

Concen: 1.098 ug/L

RT: 11.80 min Scan# 3254

Delta R.T. 0.98 min

Lab File: VU039923.D

Acq: 21 Aug 2020 12:50

Instrument :

MSVOA_U

ClientSampleId :

BFSD3

Tot Ion: 75 Resp: 6221

Ion Ratio Lower Upper

75 100

77 32.1 27.4 41.2

