

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039924.D
 Acq On : 21 Aug 2020 13:14
 Operator : SY/MD
 Sample : L3767-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSD4

Quant Time: Aug 22 00:47:28 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	91330	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	87978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38994	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32064	4.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.40%
7) Chloroethane-d5	1.92	69	29679	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.58	63	43899	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.65	46	115855	45.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.88%
24) Chloroform-d	5.08	84	65718	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.72	65	38410	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.74	84	121877	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.70	67	41941	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.91	98	99787	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	8.19	79	15155	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.64	63	86130	46.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	34391	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	40991	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

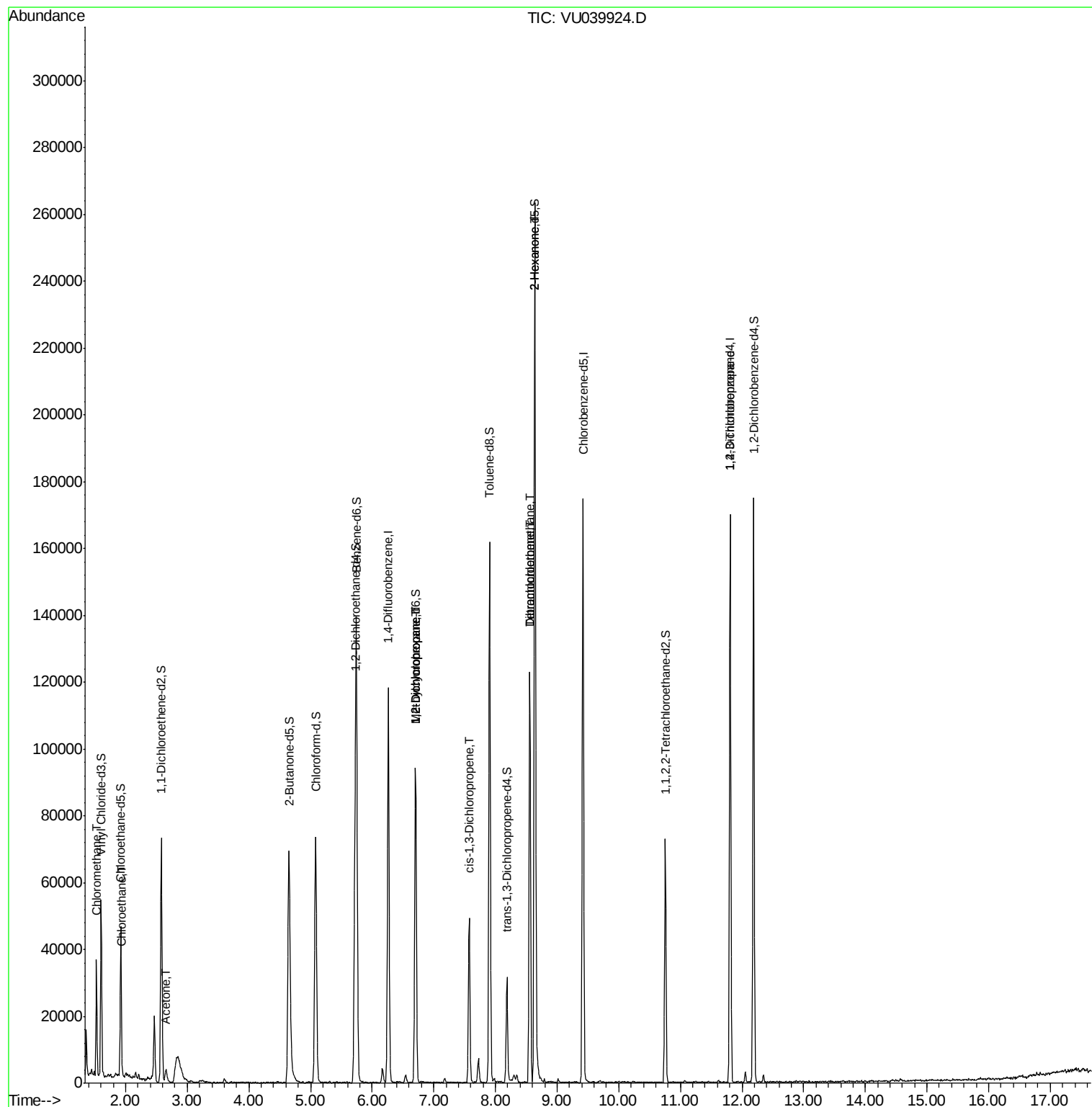
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	23659	2.203	ug/L	98
8) Chloroethane	1.94	64	796	0.123	ug/L #	76
13) Acetone	2.65	43	5858	3.363	ug/L #	45
35) Methylcyclohexane	6.71	83	8632	0.679	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4860	0.572	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1366	0.115	ug/L #	70
47) Tetrachloroethene	8.56	164	24401	3.986	ug/L	97
48) 2-Hexanone	8.64	43	11361	2.356	ug/L #	70
49) Dibromochloromethane	8.56	129	23033	2.988	ug/L #	11
59) 1,2,3-Trichloropropane	11.81	75	6172	1.014	ug/L	90

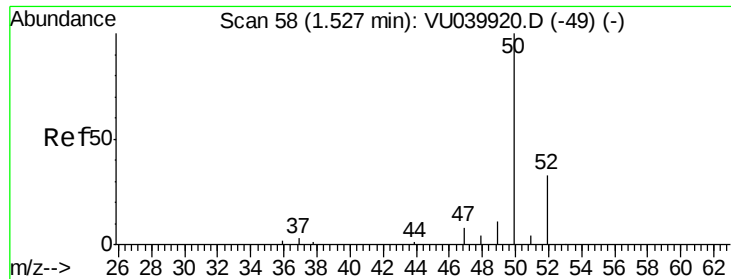
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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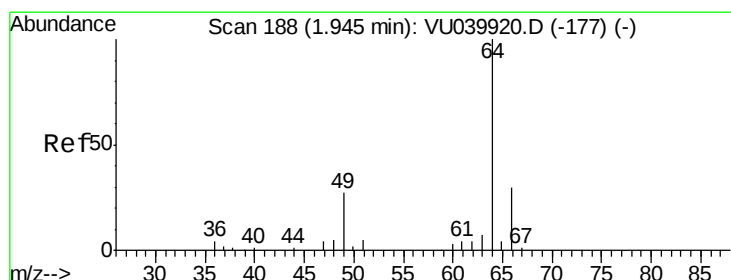
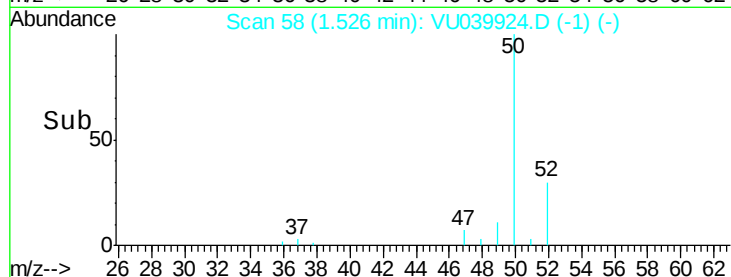
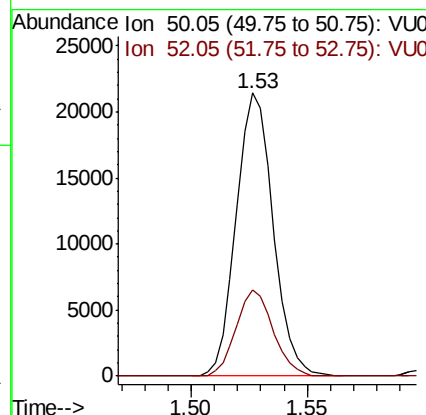
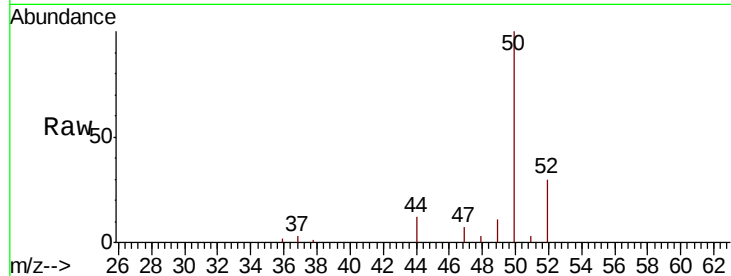




#3
 Chloromethane
 Concen: 2.203 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. -0.00 min
 Lab File: VU039924.D
 Acq: 21 Aug 2020 13:14

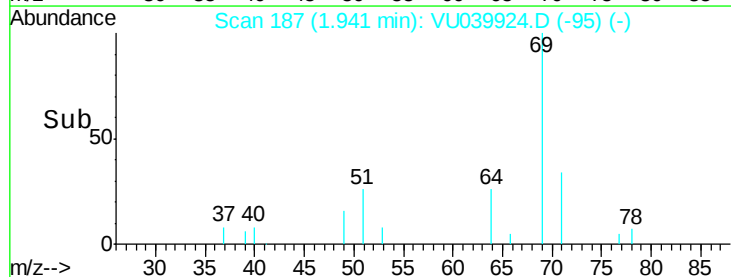
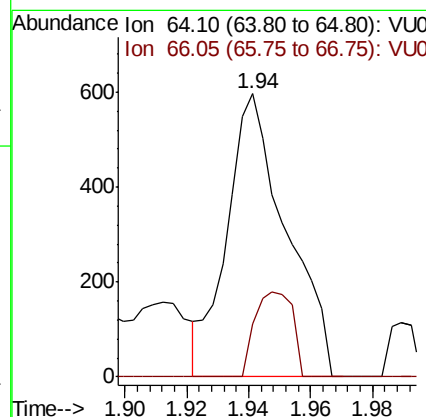
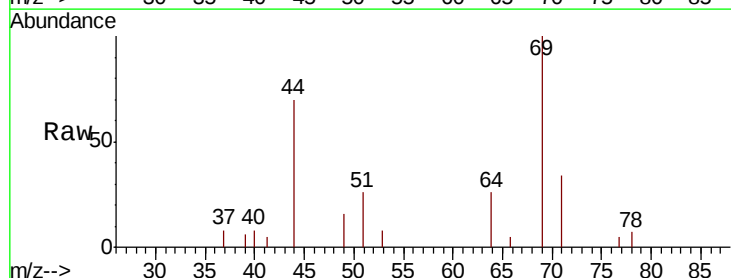
Instrument :
 MSVOA_U
 ClientSampleId :
 BFS4

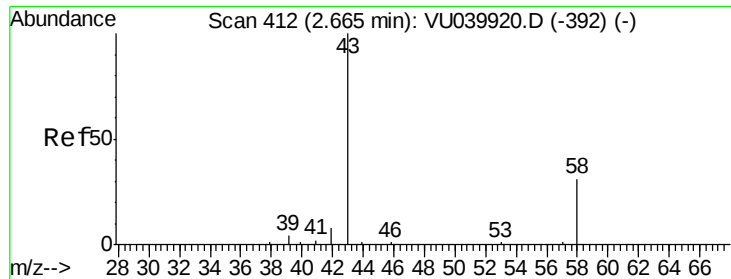
Tot Ion: 50 Resp: 23659
 Ion Ratio Lower Upper
 50 100
 52 30.3 21.9 40.7



#8
 Chloroethane
 Concen: 0.123 ug/L
 RT: 1.94 min Scan# 187
 Delta R.T. -0.00 min
 Lab File: VU039924.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 64 Resp: 796
 Ion Ratio Lower Upper
 64 100
 66 18.6 22.6 42.0#





#13

Acetone

Concen: 3.363 ug/L

RT: 2.65 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU039924.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_U

ClientSampled :

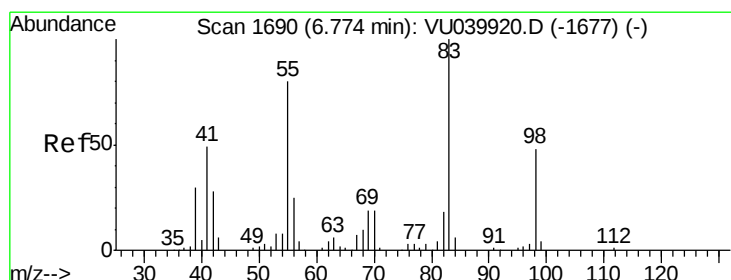
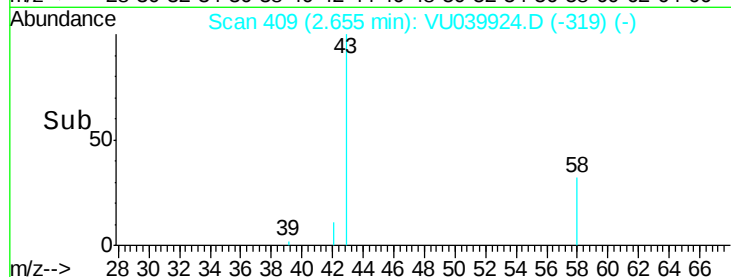
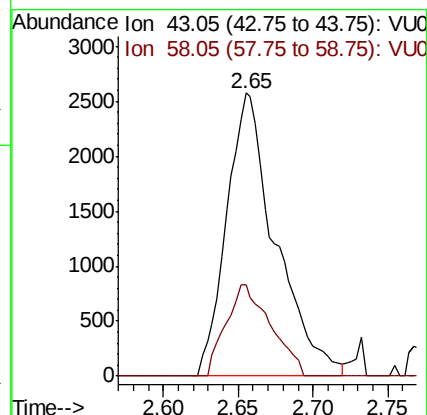
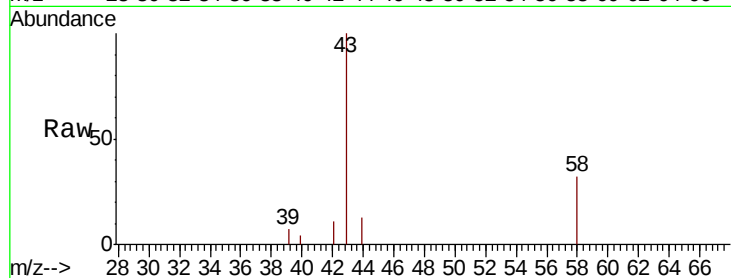
BFSD4

Tot Ion: 43 Resp: 5858

Ion Ratio Lower Upper

43 100

58 29.5 0.0 19.0#



#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.71 min Scan# 1669

Delta R.T. -0.07 min

Lab File: VU039924.D

Acq: 21 Aug 2020 13:14

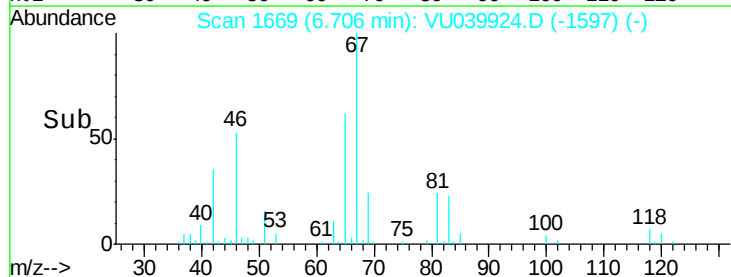
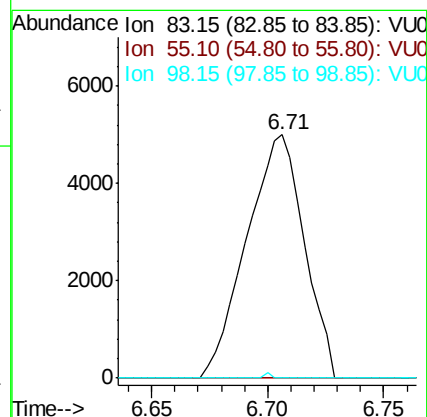
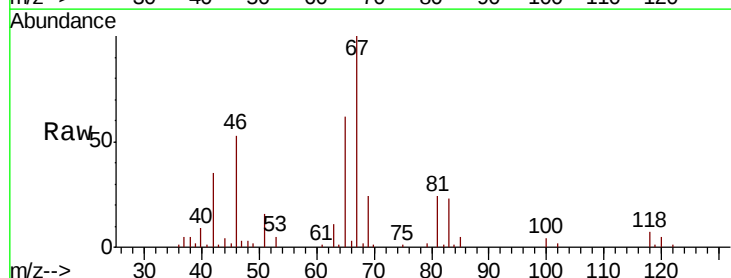
Tgt Ion: 83 Resp: 8632

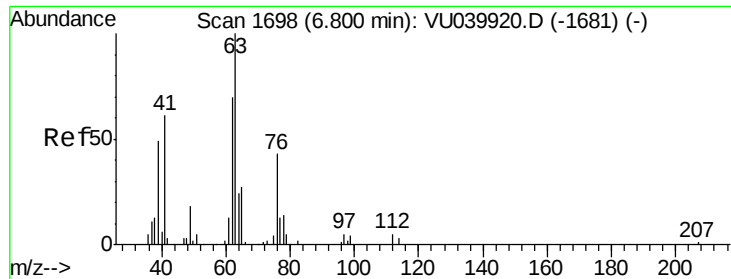
Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

98 0.2 39.4 59.0#

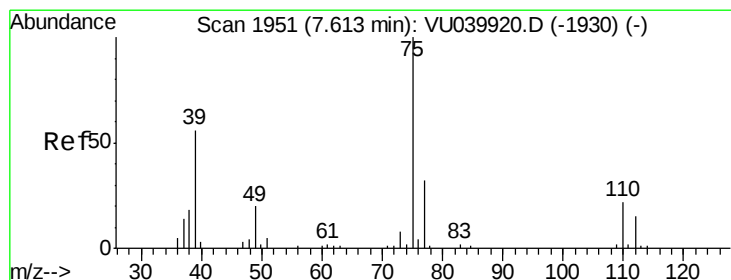
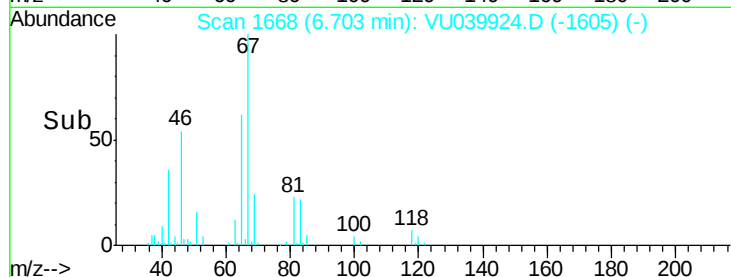
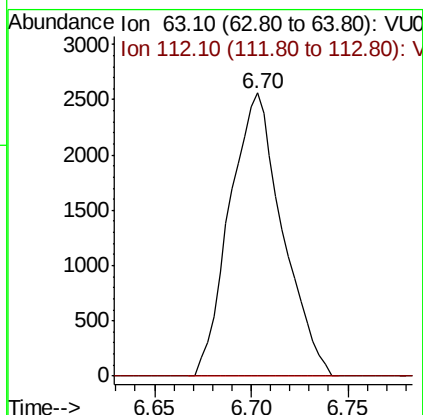
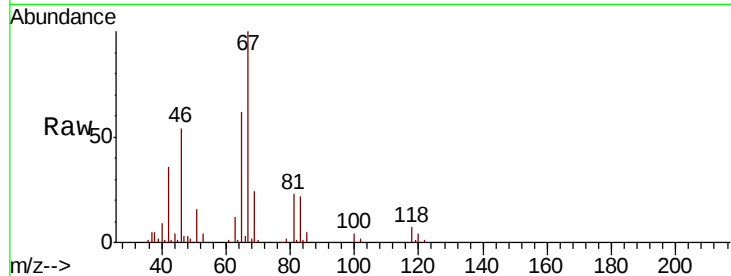




#37
 1,2-Dichloropropane
 Concen: 0.572 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039924.D
 Acq: 21 Aug 2020 13:14

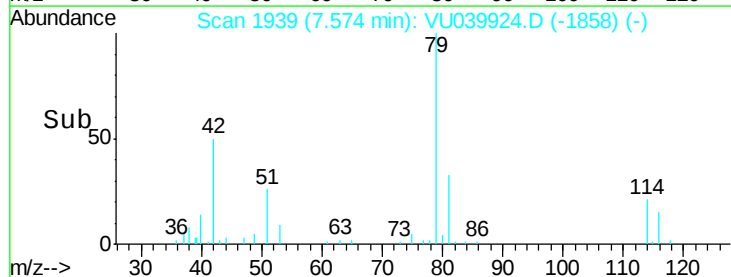
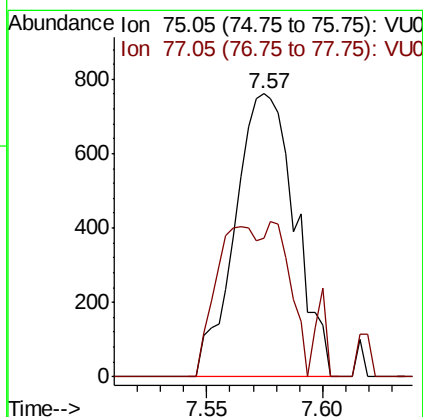
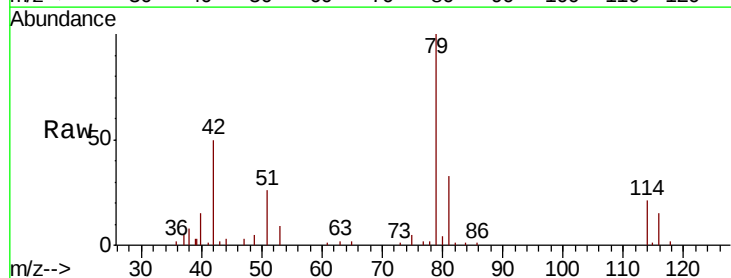
Instrument :
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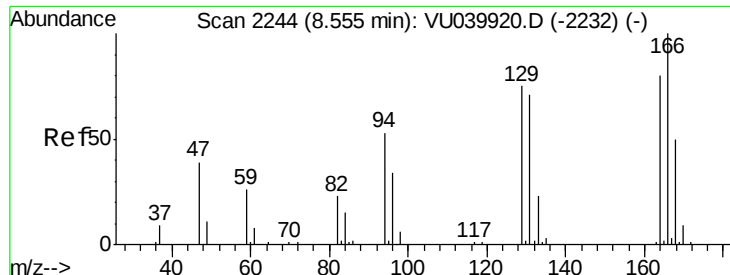
Tot Ion: 63 Resp: 4860
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039924.D
 Acq: 21 Aug 2020 13:14

Tgt Ion: 75 Resp: 1366
 Ion Ratio Lower Upper
 75 100
 77 49.1 22.6 42.0#





#47

Tetrachloroethene

Concen: 3.986 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU039924.D

Acq: 21 Aug 2020 13:14

Instrument :

MSVOA_U

ClientSampleId :

BFSD4

Tot Ion:164 Resp: 24401

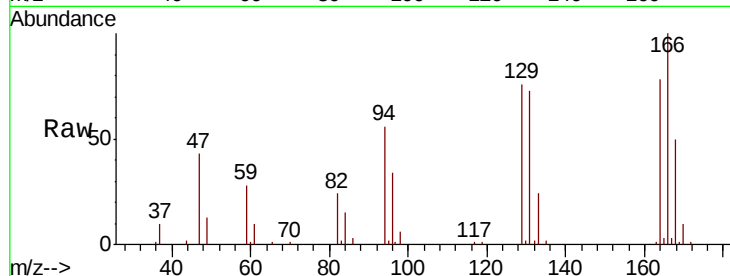
Ion Ratio Lower Upper

164 100

129 97.2 69.1 128.3

131 92.9 66.0 122.6

166 127.9 94.0 174.6

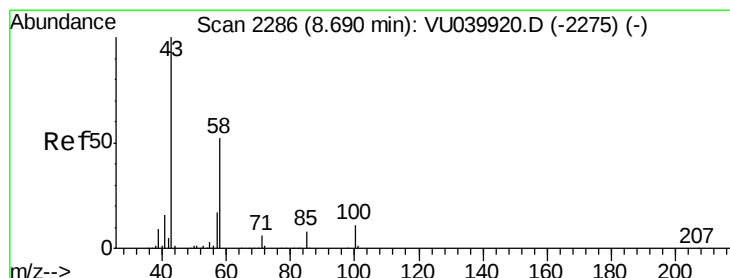
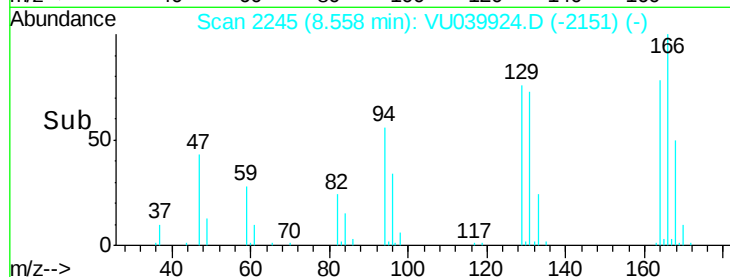
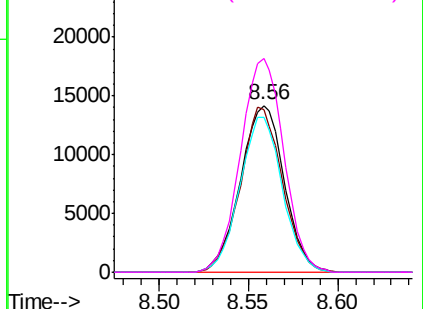


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 2.356 ug/L

RT: 8.64 min Scan# 2270

Delta R.T. -0.05 min

Lab File: VU039924.D

Acq: 21 Aug 2020 13:14

Tgt Ion: 43 Resp: 11361

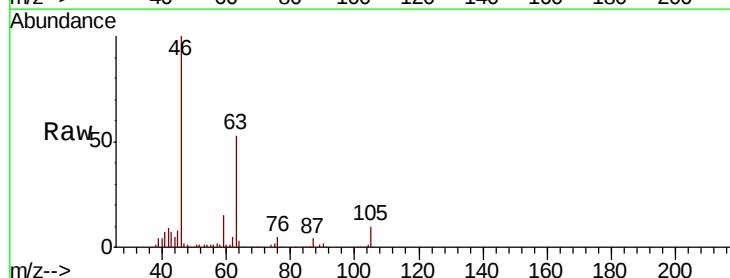
Ion Ratio Lower Upper

43 100

58 27.2 41.3 61.9#

57 25.6 14.1 21.1#

100 0.6 9.1 13.7#

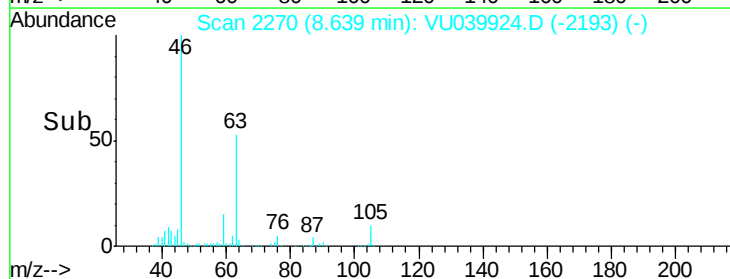
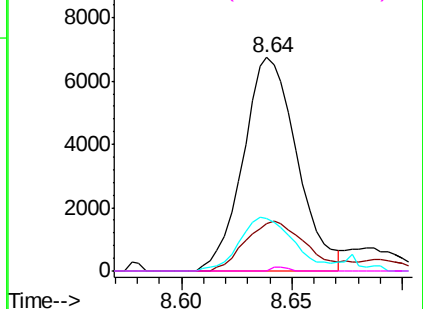


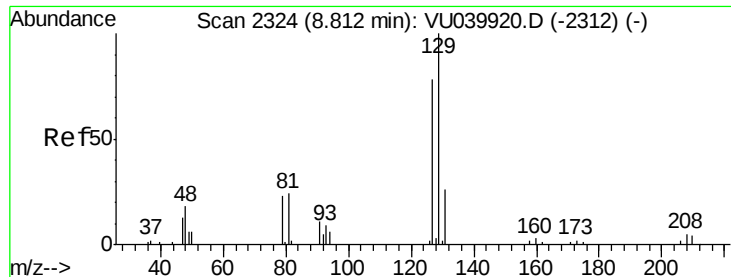
Abundance Ion 43.05 (42.75 to 43.75): VU0

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





#49

Dibromochloromethane

Concen: 2.988 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU039924.D

Acq: 21 Aug 2020 13:14

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ClientSampleId :

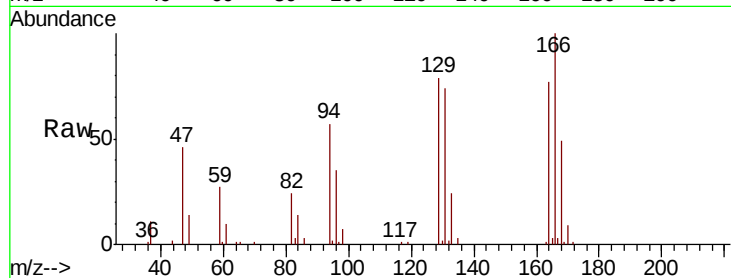
BFS4

Tot Ion:129 Resp: 23033

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.56

15000

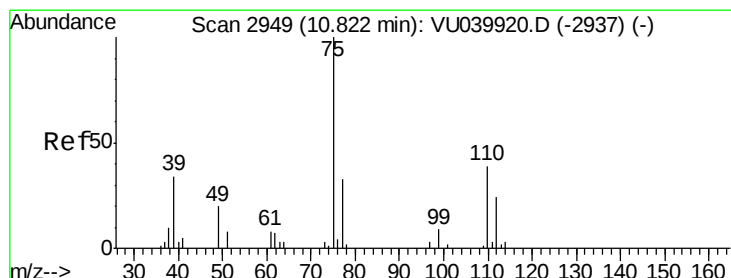
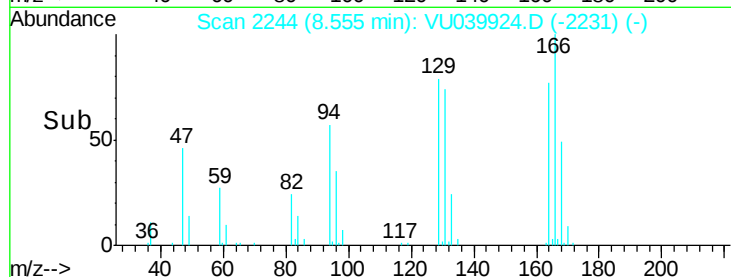
10000

5000

0

Time-->

8.50 8.55 8.60



#59

1,2,3-Trichloropropane

Concen: 1.014 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039924.D

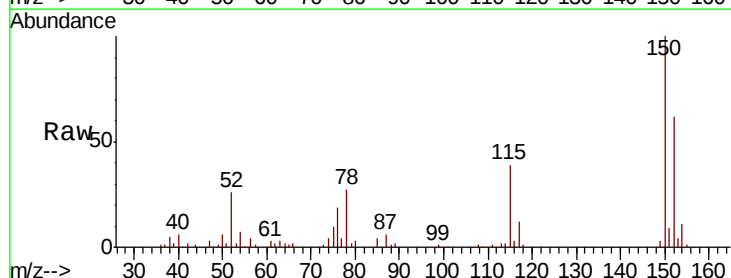
Acq: 21 Aug 2020 13:14

Tgt Ion: 75 Resp: 6172

Ion Ratio Lower Upper

75 100

77 40.3 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.81

4000

3000

2000

1000

0

Time-->

11.75 11.80 11.85

