

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040424.D
 Acq On : 01 Oct 2020 14:59
 Operator : SY/MD
 Sample : L4202-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSB5

Quant Time: Oct 02 04:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 03:13:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	117723	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	120668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	22987	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.92	69	24145	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.58	63	39539	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	4.65	46	152609	52.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.42%
24) Chloroform-d	5.08	84	67014	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.72	65	42601	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.74	84	113043	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.70	67	43178	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	86494	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.19	79	15556	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	108559	50.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	42178	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	42957	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

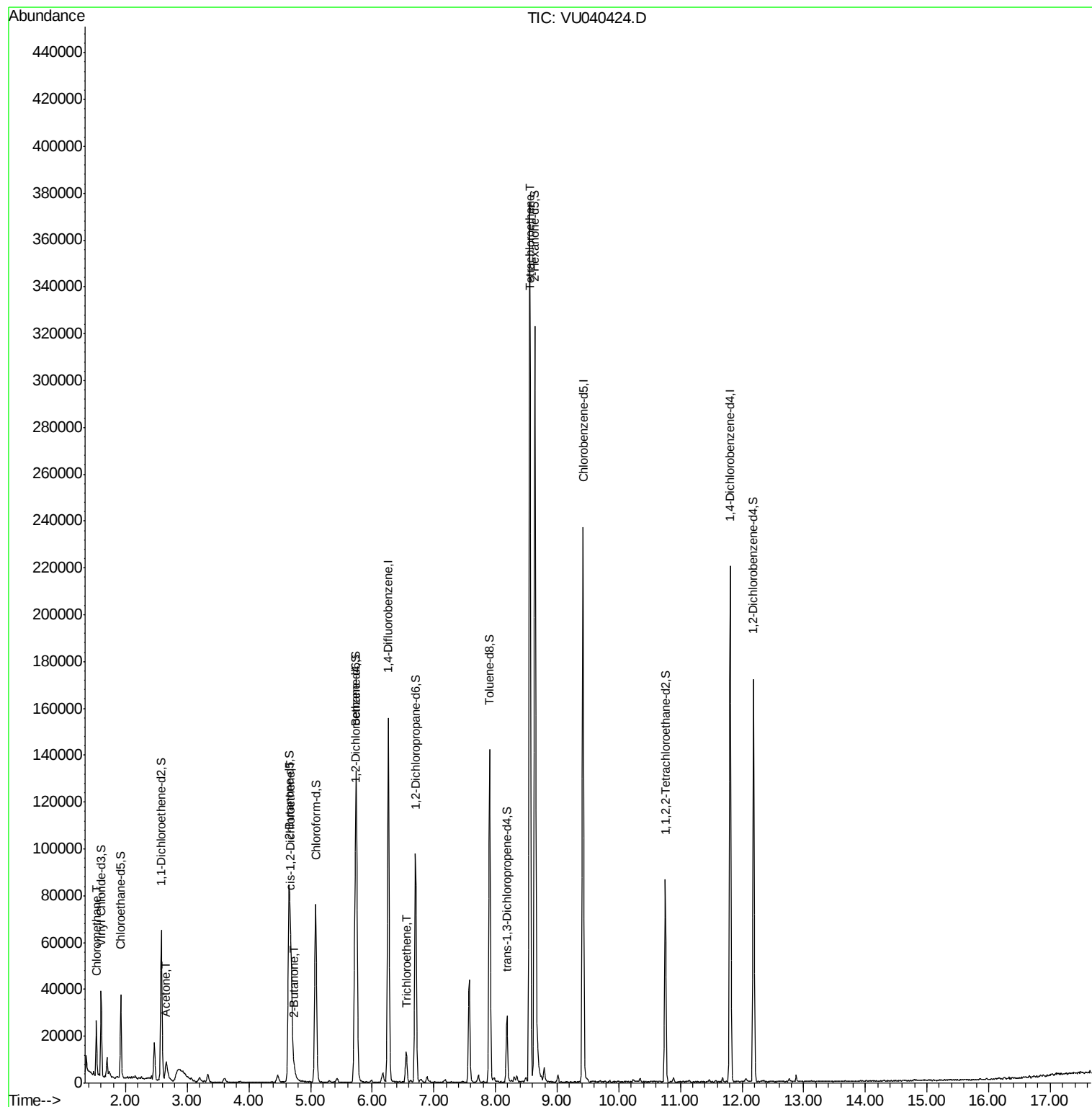
					Ovalue
3) Chloromethane	1.53	50	15488	1.338	ug/L 98
13) Acetone	2.66	43	17514	7.260	ug/L 92
21) 2-Butanone	4.74	43	3572	0.922	ug/L 95
22) cis-1,2-Dichloroethene	4.69	96	11040	1.076	ug/L 92
34) Trichloroethene	6.56	95	4226	0.393	ug/L 94
47) Tetrachloroethene	8.56	164	77366	10.145	ug/L 96

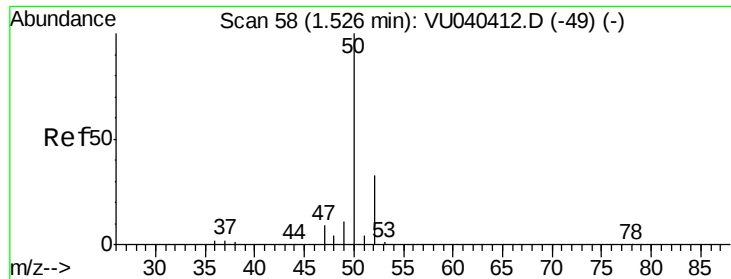
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.338 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

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Acq: 01 Oct 2020 14:59

Instrument :

MSVOA_U

ClientSampleId :

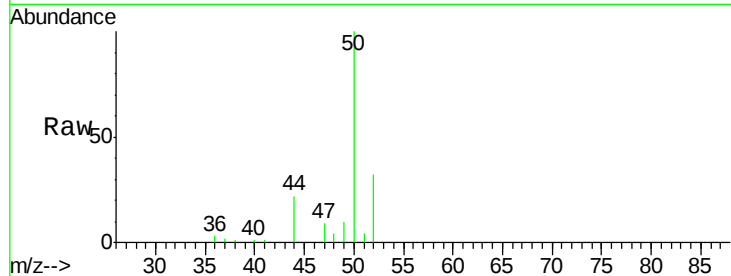
BFSB5

Tot Ion: 50 Resp: 15488

Ion Ratio Lower Upper

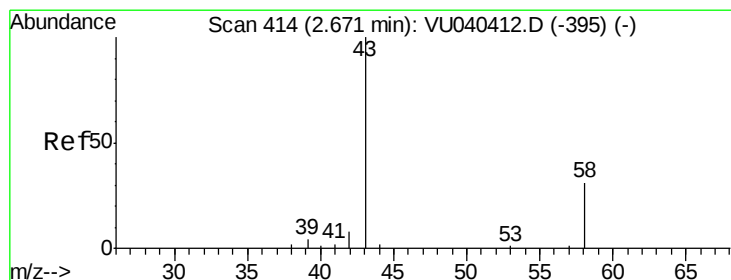
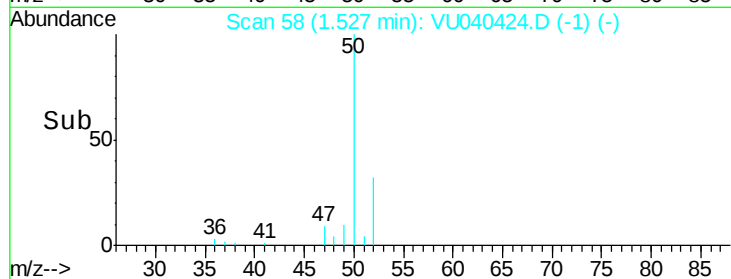
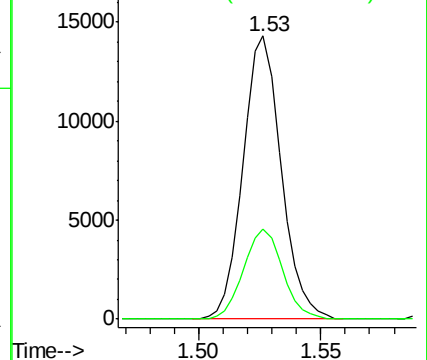
50 100

52 31.8 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 7.260 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040424.D

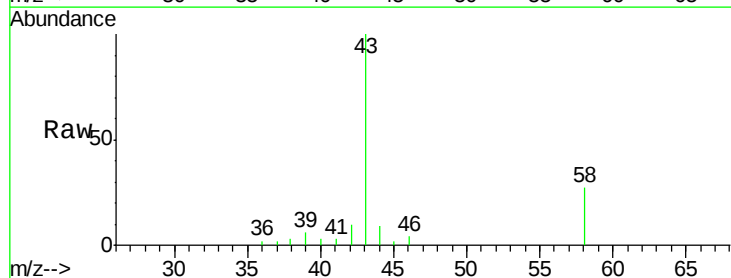
Acq: 01 Oct 2020 14:59

Tgt Ion: 43 Resp: 17514

Ion Ratio Lower Upper

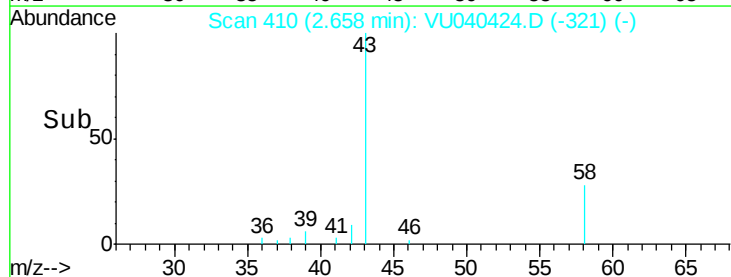
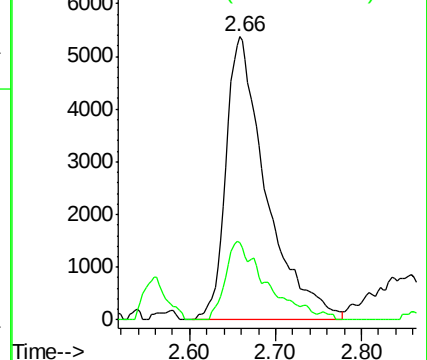
43 100

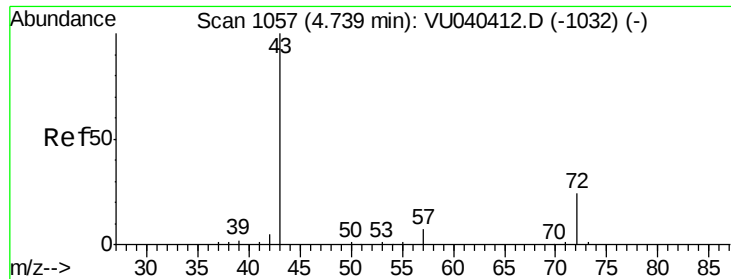
58 26.6 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#21

2-Butanone

Concen: 0.922 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

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ClientSampleId :

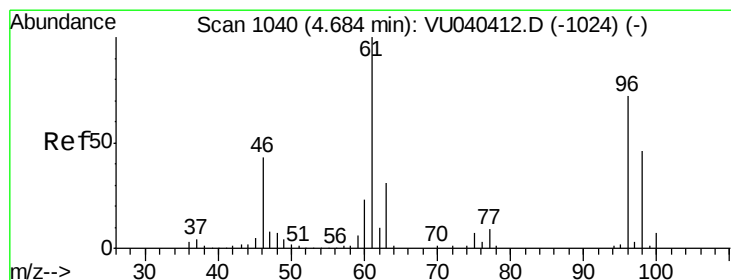
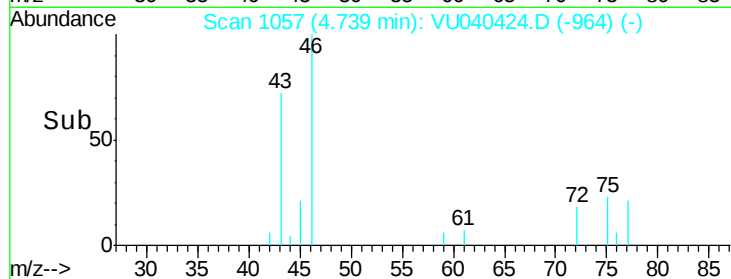
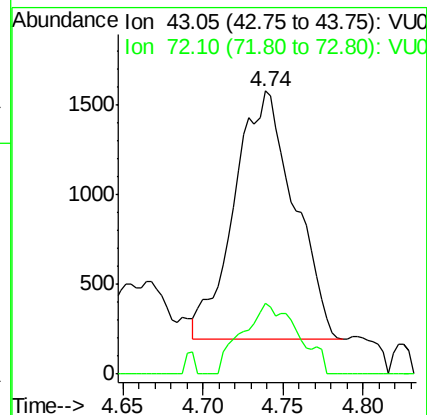
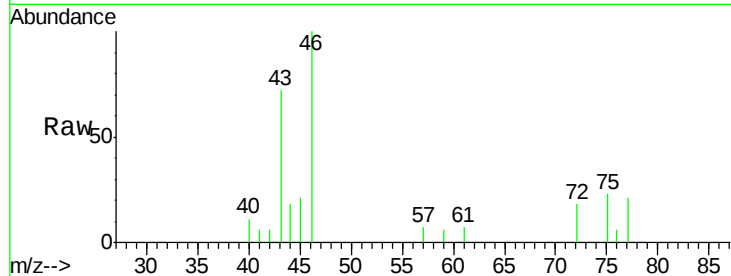
BFSB5

Tot Ion: 43 Resp: 3572

Ion Ratio Lower Upper

43 100

72 26.5 12.0 36.1



#22

cis-1,2-Dichloroethene

Concen: 1.076 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040424.D

Acq: 01 Oct 2020 14:59

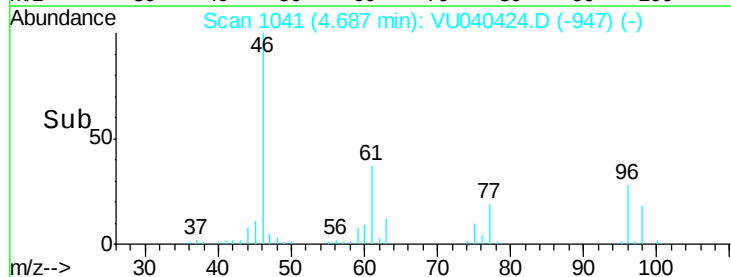
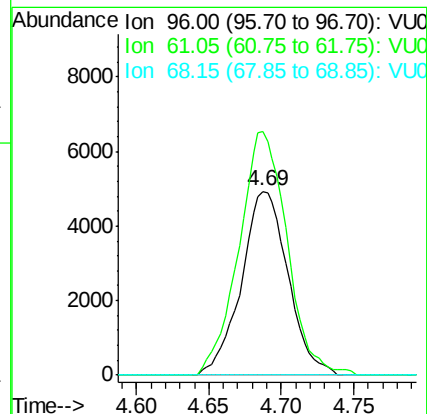
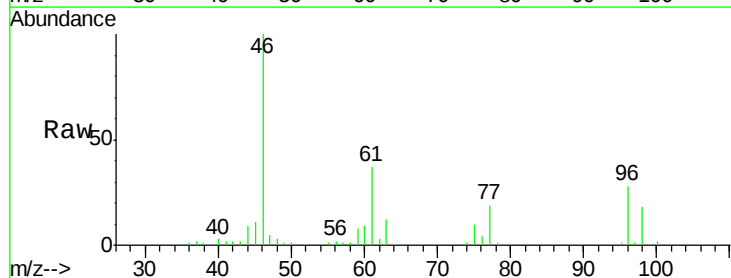
Tgt Ion: 96 Resp: 11040

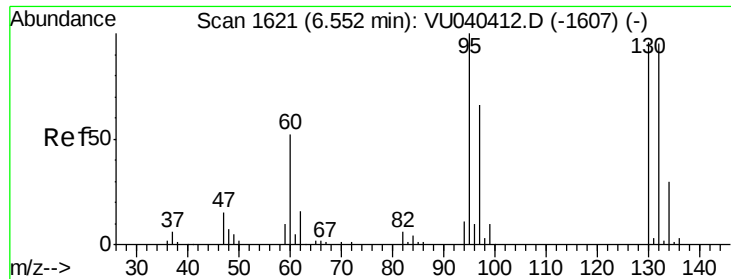
Ion Ratio Lower Upper

96 100

61 132.3 99.3 184.5

68 0.0 0.0 0.0

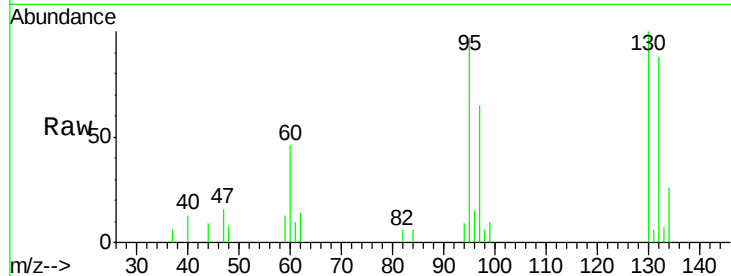




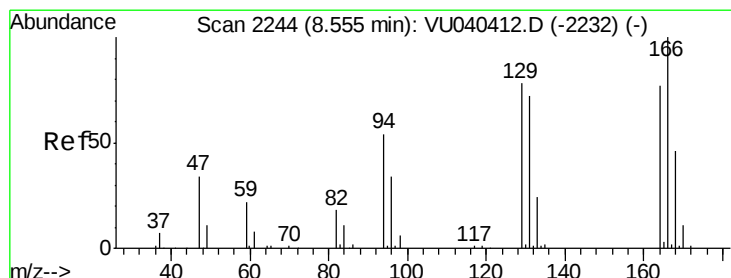
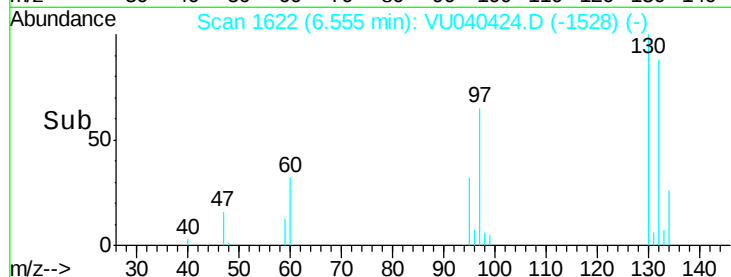
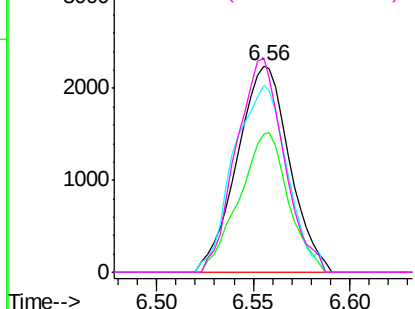
#34
 Trichloroethene
 Concen: 0.393 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU040424.D
 Acq: 01 Oct 2020 14:59

Instrument :
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 BFSB5

Tot Ion: 95 Resp: 4226
 Ion Ratio Lower Upper
 95 100
 97 66.9 46.3 85.9
 132 90.5 60.5 112.3
 130 103.4 64.3 119.3

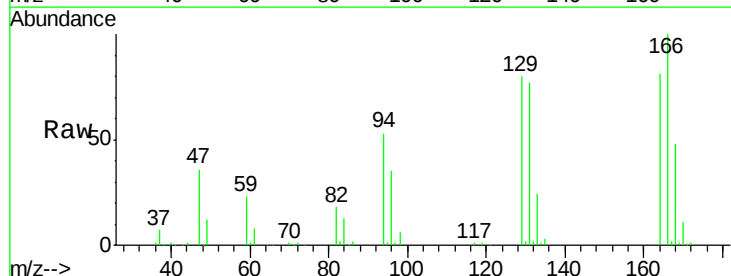


Abundance Ion 95.00 (94.70 to 95.70): VU040424.D (-1528) (-)
 Ion 96.95 (96.65 to 97.65): VU040424.D (-1528) (-)
 Ion 131.95 (131.65 to 132.65): VU040424.D (-1528) (-)
 Ion 129.95 (129.65 to 130.65): VU040424.D (-1528) (-)



#47
 Tetrachloroethene
 Concen: 10.145 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU040424.D
 Acq: 01 Oct 2020 14:59

Tgt Ion: 164 Resp: 77366
 Ion Ratio Lower Upper
 164 100
 129 99.3 70.3 130.7
 131 95.1 69.2 128.6
 166 123.4 91.1 169.3



Abundance Ion 163.90 (163.60 to 164.60): VU040424.D (-2151) (-)
 Ion 128.95 (128.65 to 129.65): VU040424.D (-2151) (-)
 Ion 130.95 (130.65 to 131.65): VU040424.D (-2151) (-)
 Ion 165.90 (165.60 to 166.60): VU040424.D (-2151) (-)

