

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101420\
 Data File : VU040699.D
 Acq On : 14 Oct 2020 15:23
 Operator : SY/MD
 Sample : L4401-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSC5

Quant Time: Oct 15 05:31:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 15 05:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	123445	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	46709	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.92	69	40475	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.58	63	70956	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.66	46	170394	52.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.12%
24) Chloroform-d	5.08	84	89970	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.72	65	55315	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.75	84	169009	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.70	67	56546	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.91	98	135464	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	8.19	79	21529	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	118207	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48629	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52876	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

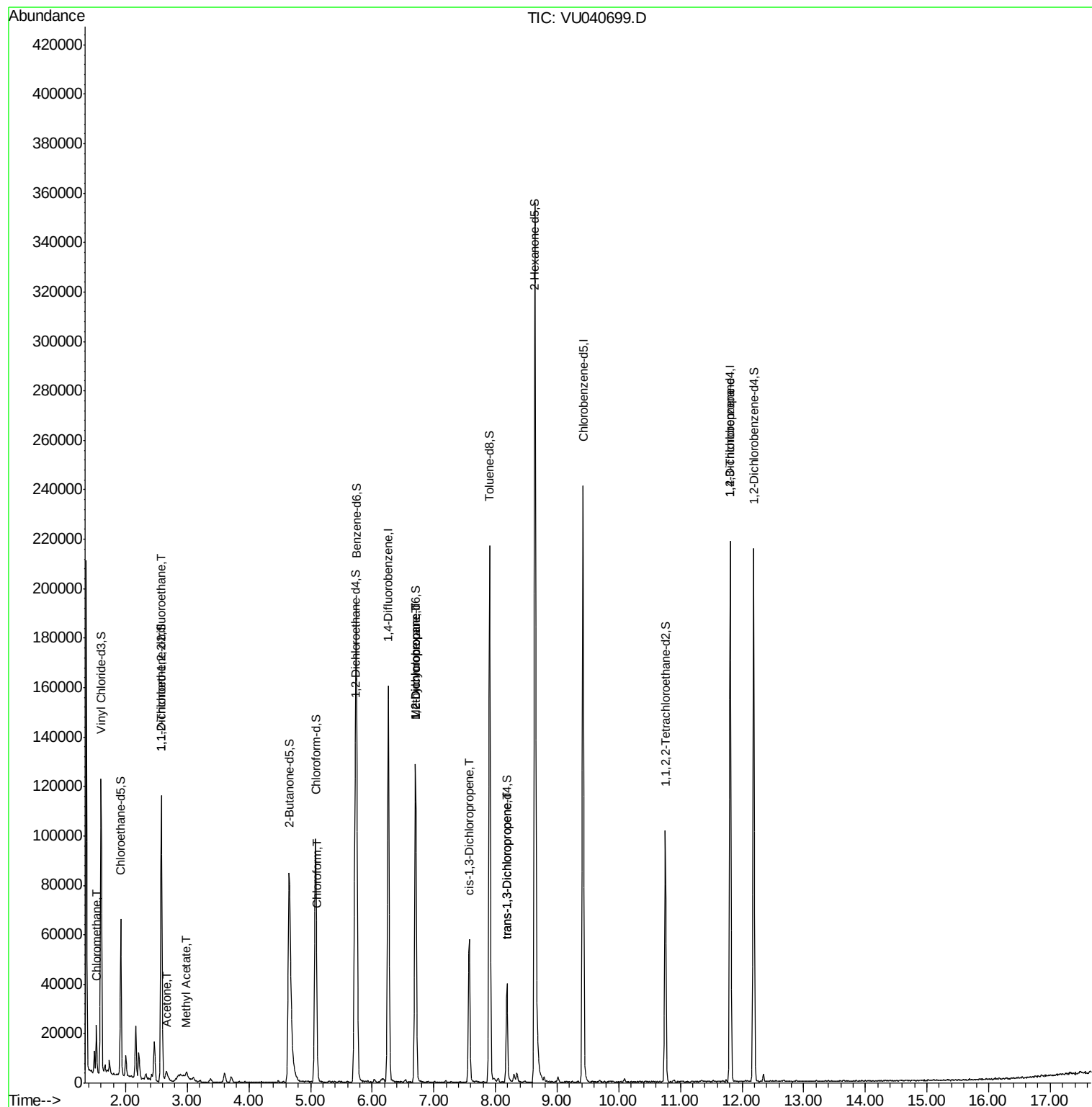
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	12676	1.212	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	669	0.065	ug/L #	20
13) Acetone	2.66	43	8663	3.414	ug/L	66
15) Methyl Acetate	2.98	43	891	0.154	ug/L #	56
25) Chloroform	5.11	83	2050	0.105	ug/L	93
35) Methylcyclohexane	6.70	83	13723	0.931	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	6486	0.580	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1430	0.094	ug/L #	45
44) trans-1,3-Dichloropropene	8.18	75	973	0.069	ug/L #	65
59) 1,2,3-Trichloropropane	11.81	75	6987	0.851	ug/L	92

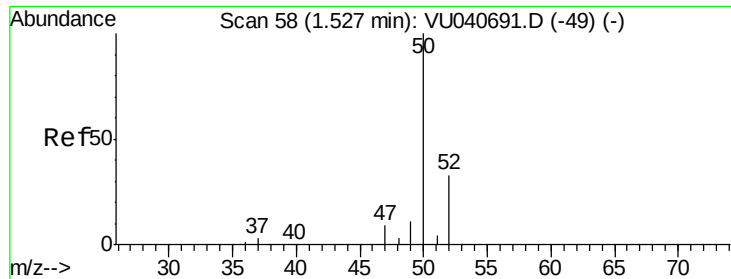
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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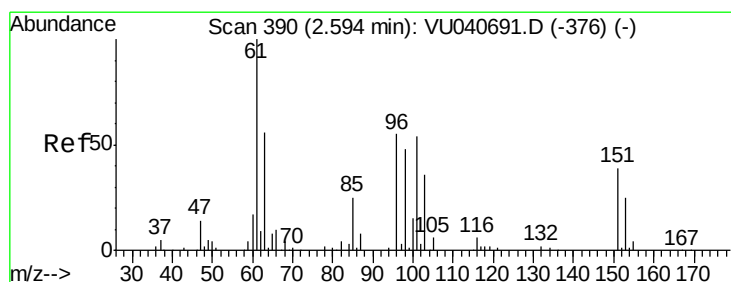
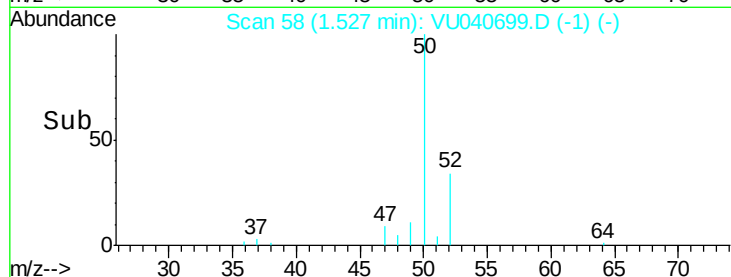
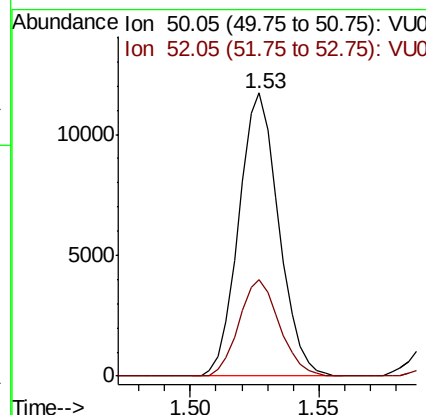
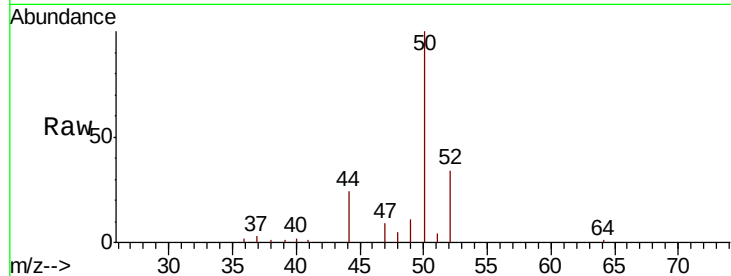




#3
 Chloromethane
 Concen: 1.212 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU040699.D
 Acq: 14 Oct 2020 15:23

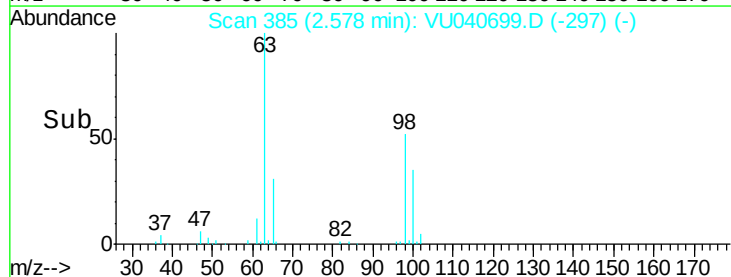
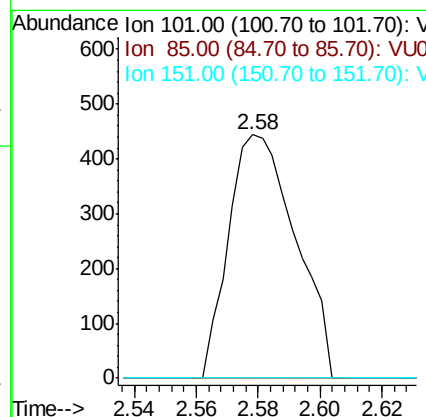
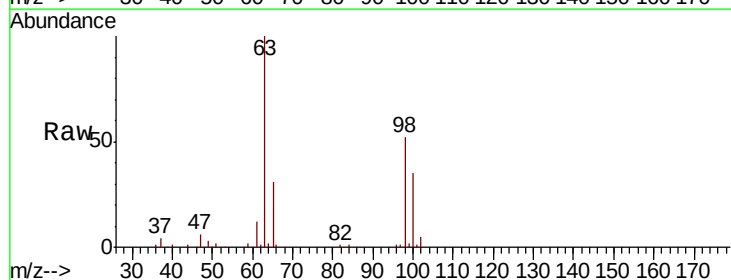
Instrument :
 MSVOA_U
 ClientSampled :
 BFSC5

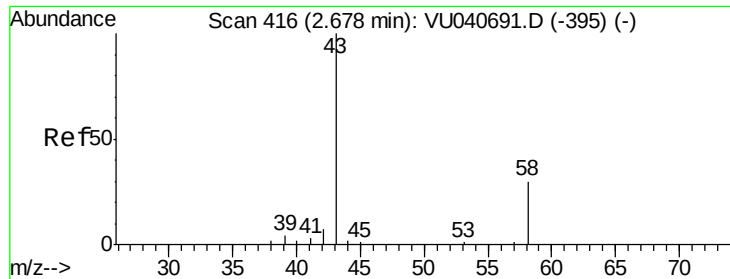
Tot Ion: 50 Resp: 12676
 Ion Ratio Lower Upper
 50 100
 52 33.9 21.9 40.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.065 ug/L
 RT: 2.58 min Scan# 385
 Delta R.T. -0.02 min
 Lab File: VU040699.D
 Acq: 14 Oct 2020 15:23

Tgt Ion:101 Resp: 669
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.7 55.1#
 151 0.0 58.0 87.0#





#13

Acetone

Concen: 3.414 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU040699.D

Acq: 14 Oct 2020 15:23

Instrument :

MSVOA_U

ClientSampled :

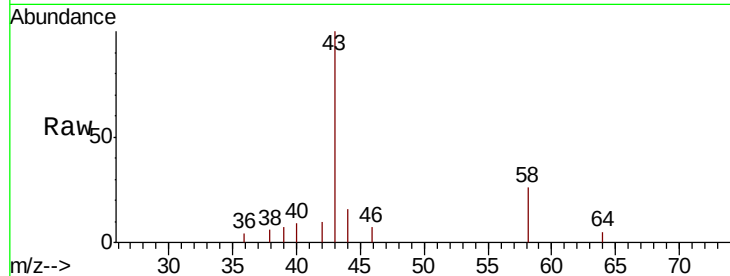
BFSC5

Tot Ion: 43 Resp: 8663

Ion Ratio Lower Upper

43 100

58 11.9 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2500

2000

1500

1000

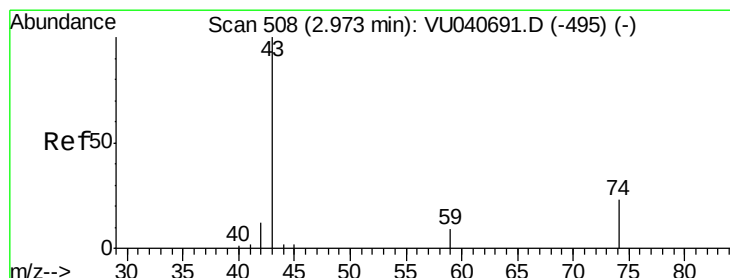
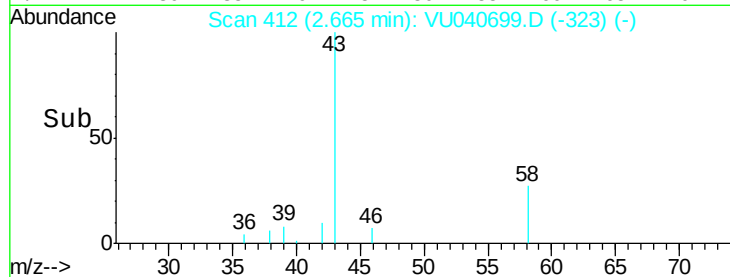
500

0

Time-->

2.60 2.70 2.80

2.66



#15

Methyl Acetate

Concen: 0.154 ug/L

RT: 2.98 min Scan# 509

Delta R.T. 0.00 min

Lab File: VU040699.D

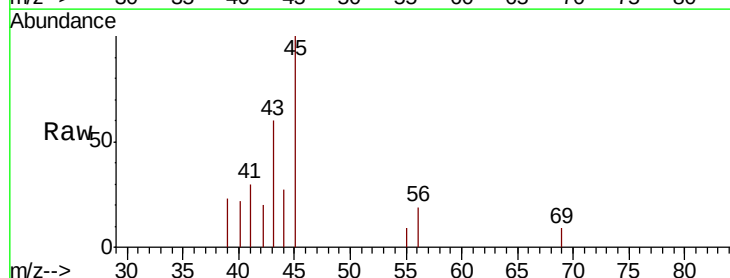
Acq: 14 Oct 2020 15:23

Tgt Ion: 43 Resp: 891

Ion Ratio Lower Upper

43 100

74 0.0 16.5 24.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

800

600

400

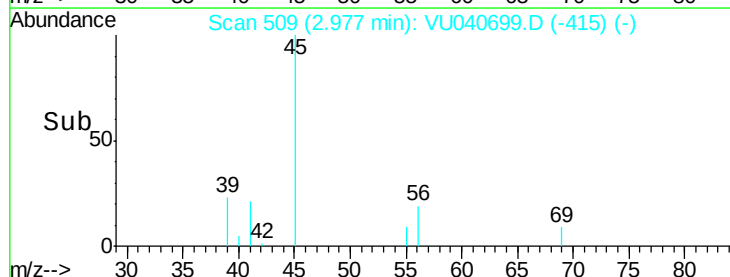
200

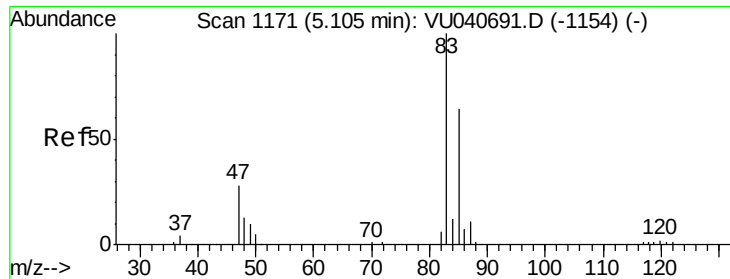
0

Time-->

2.95 3.00

2.98





#25

Chloroform

Concen: 0.105 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040699.D

Acq: 14 Oct 2020 15:23

Instrument :

MSVOA_U

ClientSampleId :

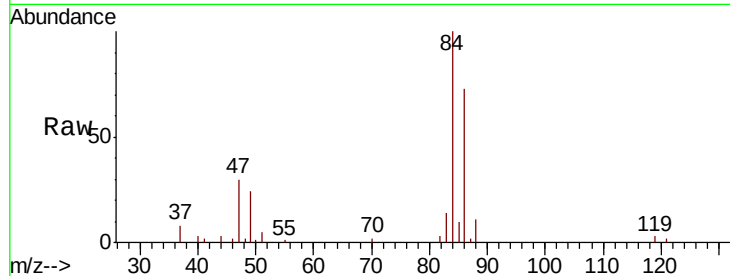
BFSC5

Tot Ion: 83 Resp: 2050

Ion Ratio Lower Upper

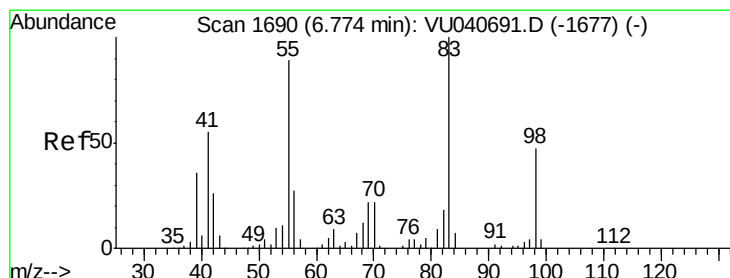
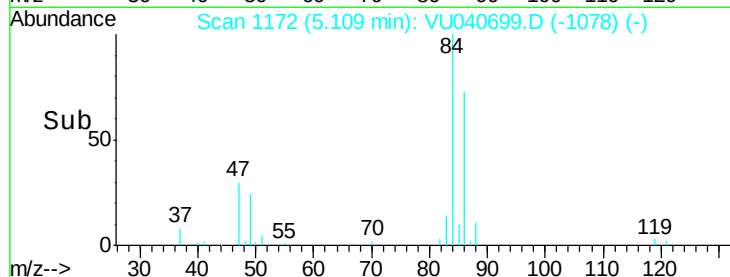
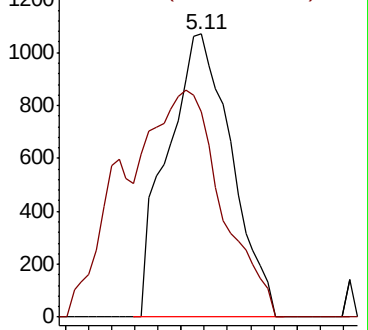
83 100

85 72.4 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VU0

Ion 85.00 (84.70 to 85.70): VU0



#35

Methylcyclohexane

Concen: 0.931 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040699.D

Acq: 14 Oct 2020 15:23

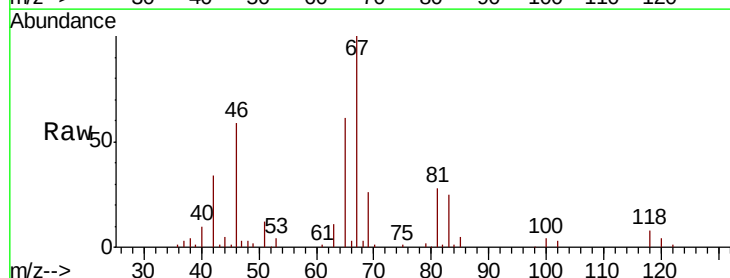
Tgt Ion: 83 Resp: 13723

Ion Ratio Lower Upper

83 100

55 0.0 70.7 106.1#

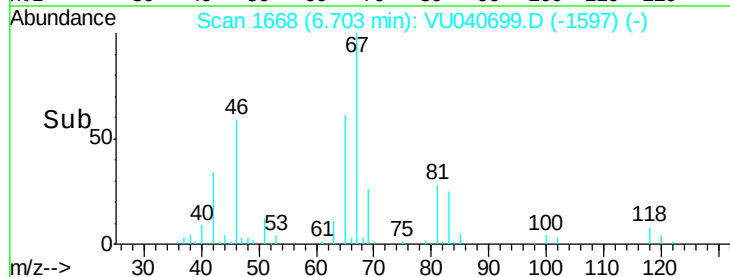
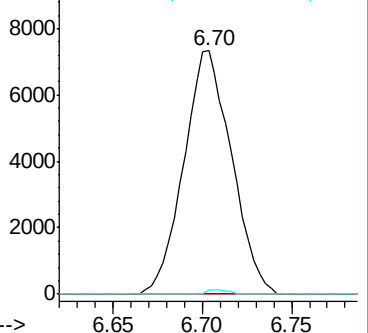
98 0.8 38.4 57.6#

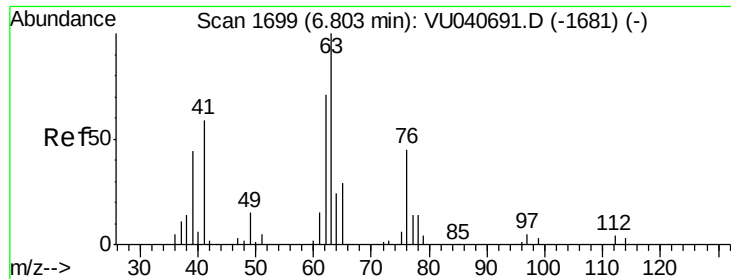


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

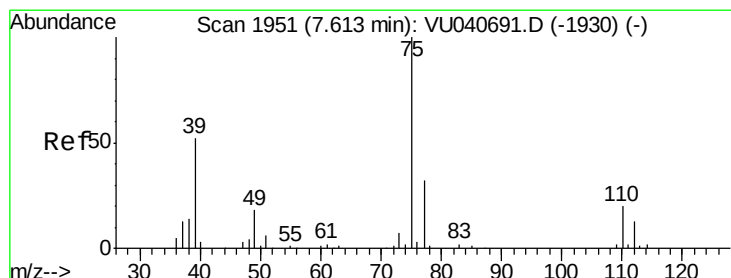
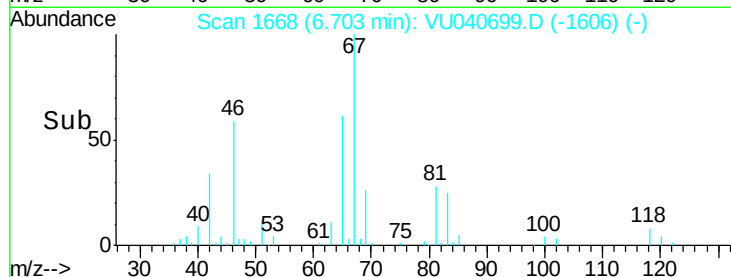
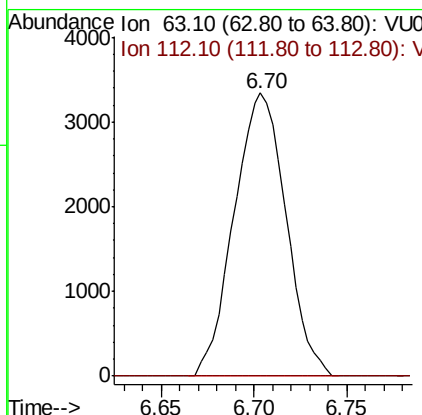
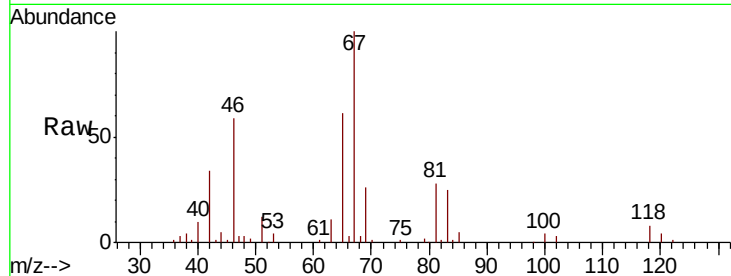




#37
 1,2-Dichloropropane
 Concen: 0.580 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040699.D
 Acq: 14 Oct 2020 15:23

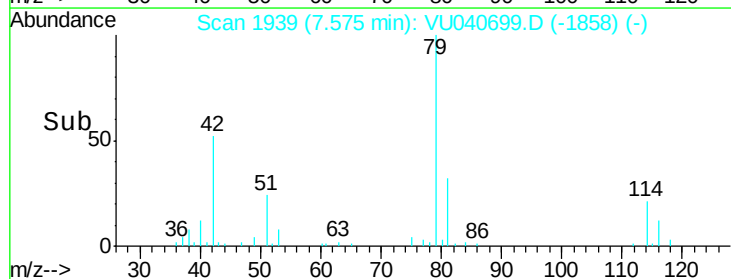
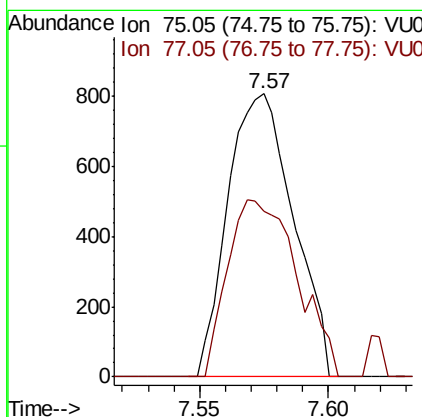
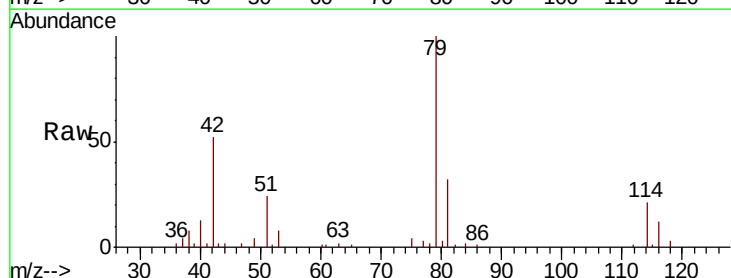
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSC5

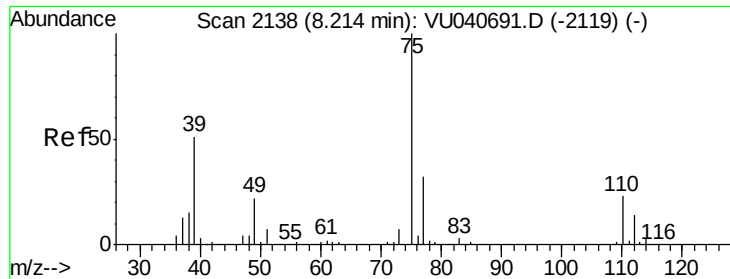
Tot Ion: 63 Resp: 6486
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040699.D
 Acq: 14 Oct 2020 15:23

Tgt Ion: 75 Resp: 1430
 Ion Ratio Lower Upper
 75 100
 77 58.7 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040699.D

Acq: 14 Oct 2020 15:23

Instrument :

MSVOA_U

ClientSampled :

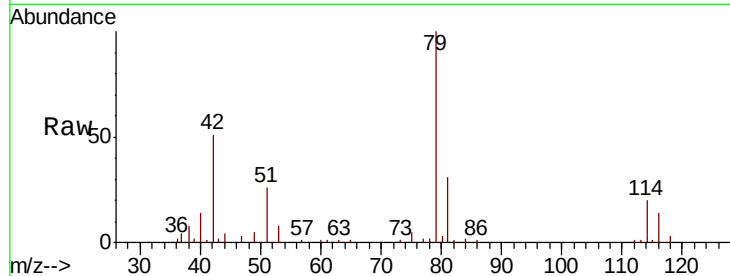
BFSC5

Tot Ion: 75 Resp: 973

Ion Ratio Lower Upper

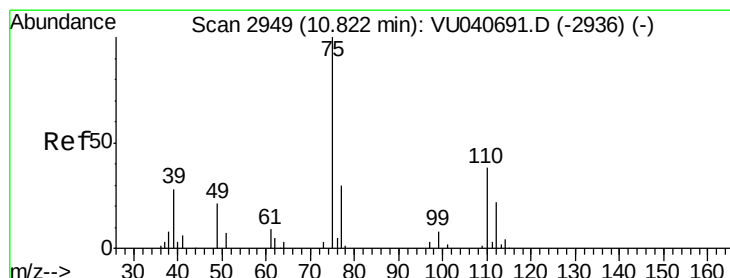
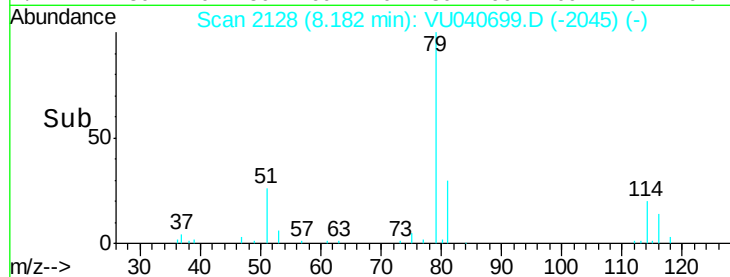
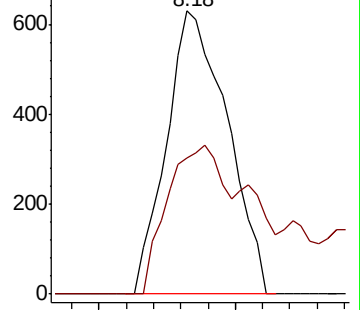
75 100

77 48.0 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.851 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040699.D

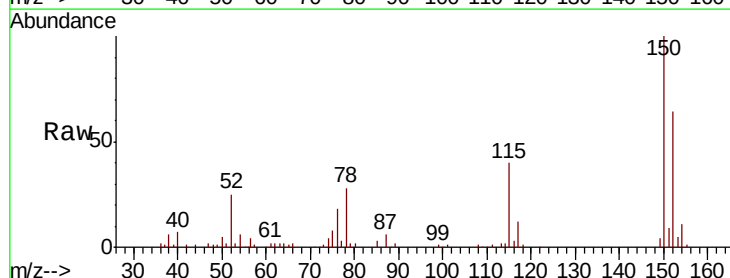
Acq: 14 Oct 2020 15:23

Tgt Ion: 75 Resp: 6987

Ion Ratio Lower Upper

75 100

77 37.4 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

