

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082120\
 Data File : VU039925.D
 Acq On : 21 Aug 2020 13:38
 Operator : SY/MD
 Sample : L3767-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFG5

Quant Time: Aug 22 00:47:39 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	65518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68493	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29249	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.92	69	28433	6.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.00%
11) 1,1-Dichloroethene-d2	2.58	63	41877	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.66	46	102952	56.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	5.08	84	56681	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.72	65	32248	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.75	84	107635	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.70	67	33433	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	79890	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.19	79	12758	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	75554	52.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29113	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	35793	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

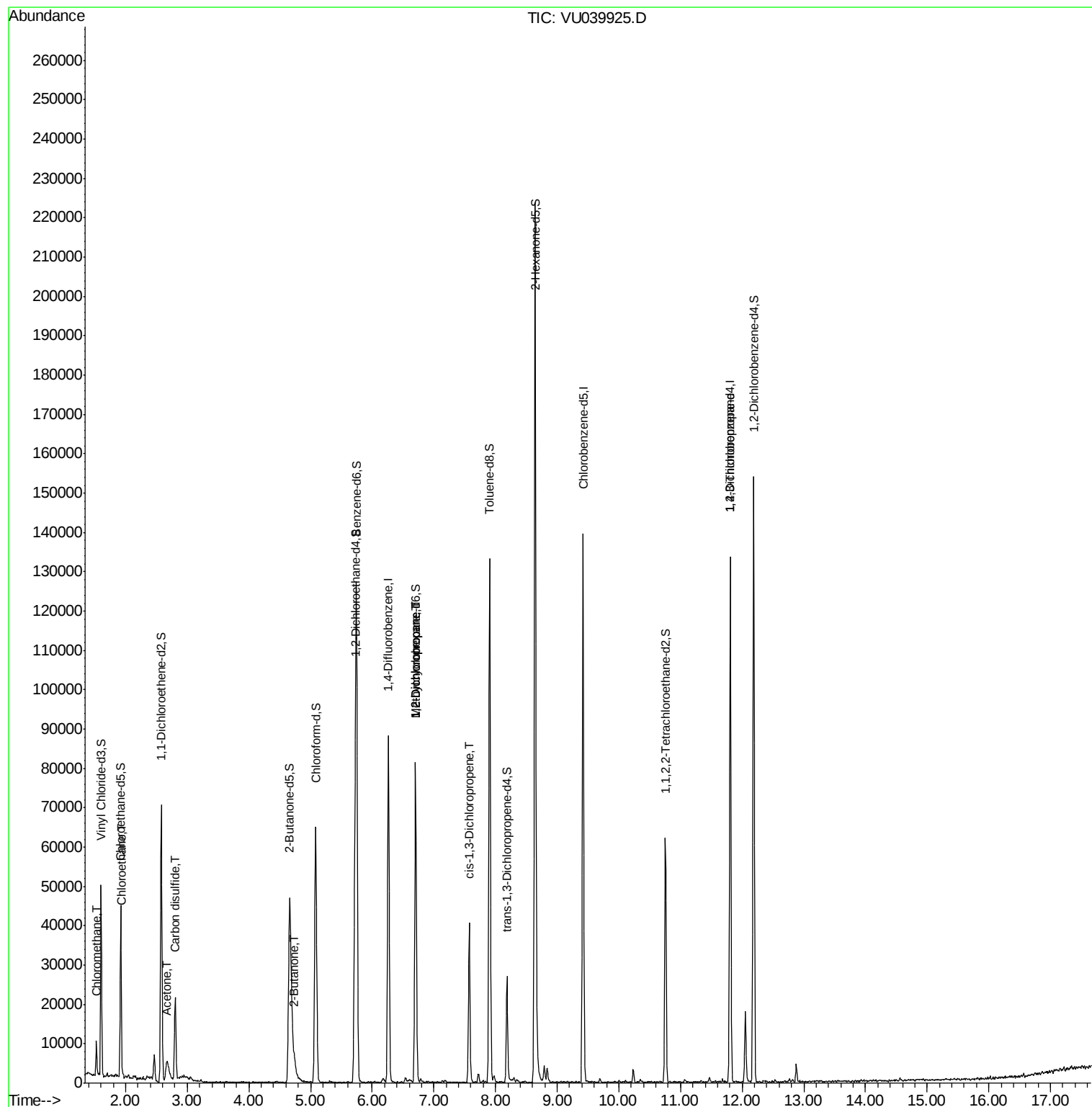
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	5782	0.750	ug/L	96
8) Chloroethane	1.94	64	341	0.073	ug/L #	42
13) Acetone	2.67	43	12878	10.305	ug/L #	48
14) Carbon disulfide	2.81	76	26443	1.428	ug/L	100
21) 2-Butanone	4.74	43	2623	1.208	ug/L	92
35) Methylcyclohexane	6.70	83	7884	0.797	ug/L #	17
37) 1,2-Dichloropropane	6.70	63	4058	0.613	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1163	0.126	ug/L #	57
59) 1,2,3-Trichloropropane	11.81	75	4786	1.010	ug/L	95

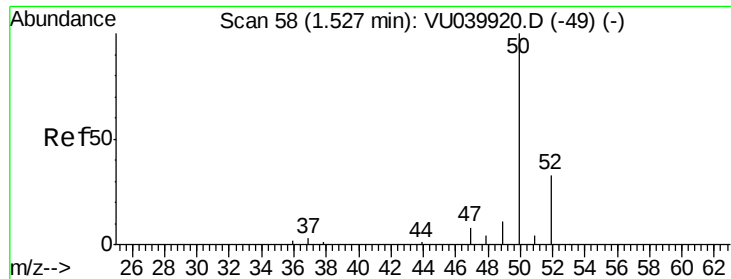
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.750 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039925.D

Acq: 21 Aug 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

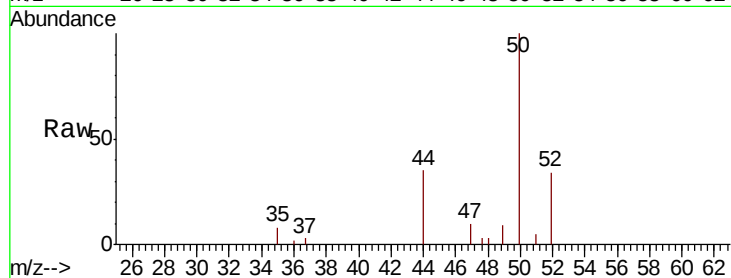
BFSG5

Tot Ion: 50 Resp: 5782

Ion Ratio Lower Upper

50 100

52 33.8 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU039925.D (-49) (-)

Ion 52.05 (51.75 to 52.75): VU039925.D (-49) (-)

1.53

5000

4000

3000

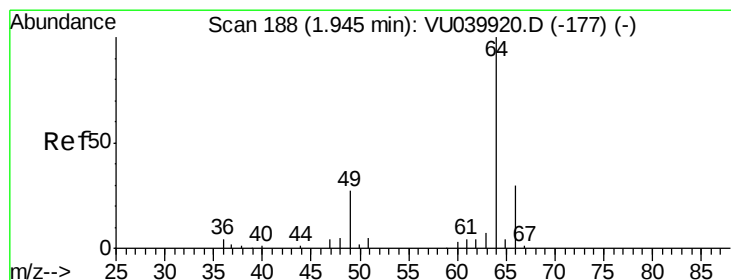
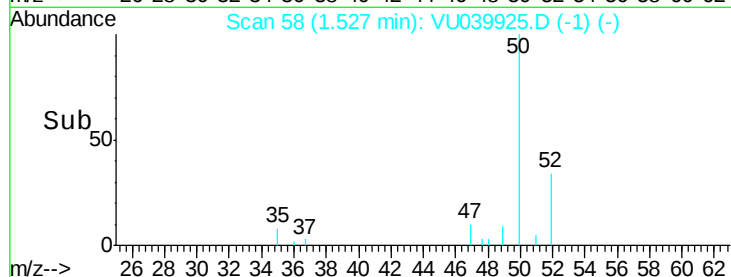
2000

1000

0

Time-->

1.48 1.50 1.52 1.54 1.56



#8

Chloroethane

Concen: 0.073 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.01 min

Lab File: VU039925.D

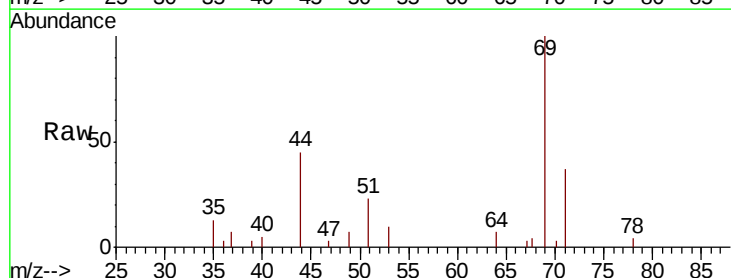
Acq: 21 Aug 2020 13:38

Tgt Ion: 64 Resp: 341

Ion Ratio Lower Upper

64 100

66 0.0 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU039925.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU039925.D (-177) (-)

1.94

300

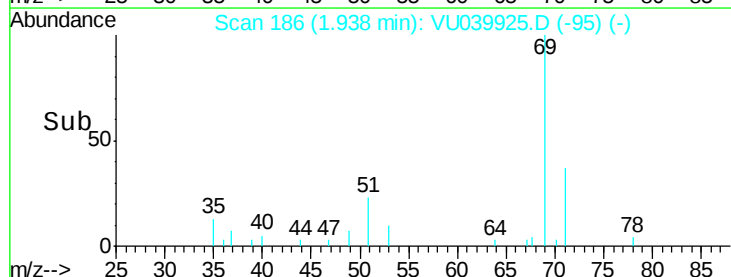
200

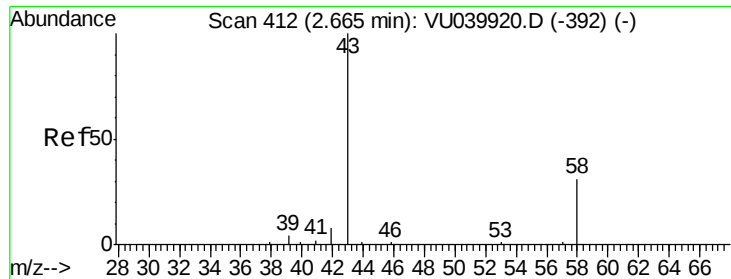
100

0

Time-->

1.92 1.94





#13

Acetone

Concen: 10.305 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.01 min

Lab File: VU039925.D

Acq: 21 Aug 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

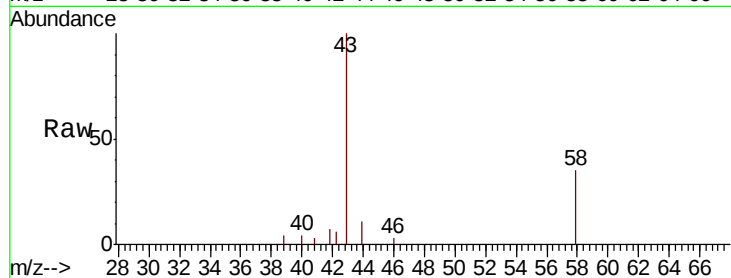
BFSG5

Tot Ion: 43 Resp: 12878

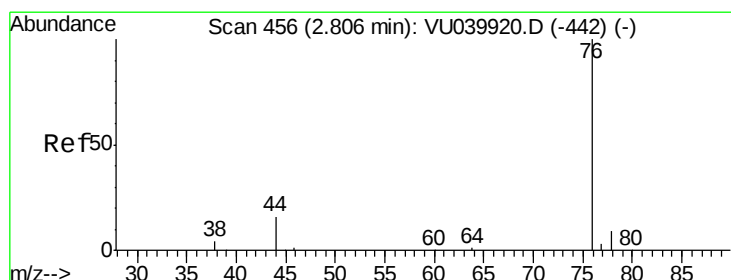
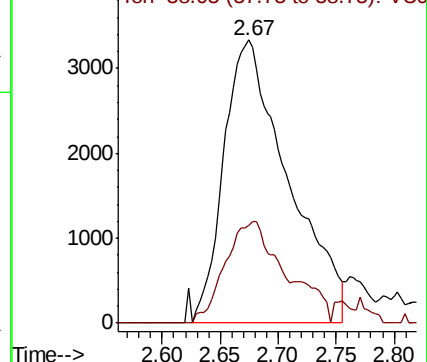
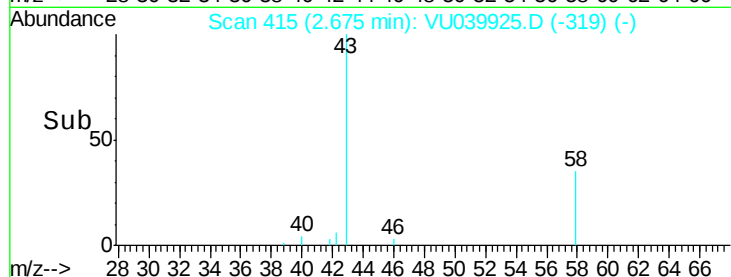
Ion Ratio Lower Upper

43 100

58 28.4 0.0 19.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039925.D (-319) (-)



#14

Carbon disulfide

Concen: 1.428 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039925.D

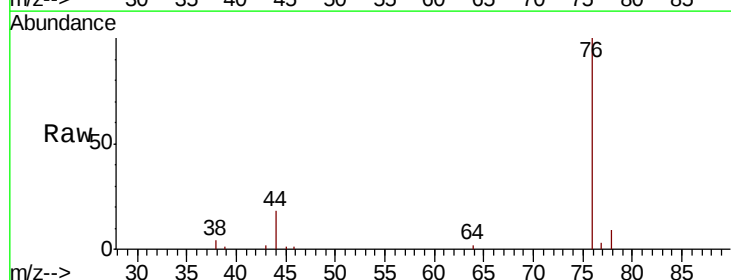
Acq: 21 Aug 2020 13:38

Tgt Ion: 76 Resp: 26443

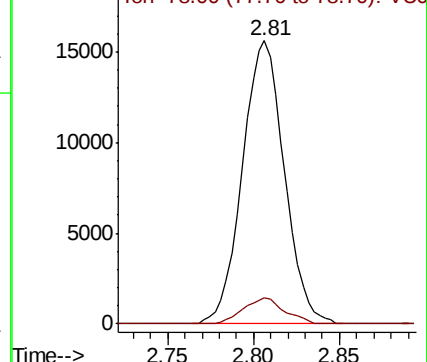
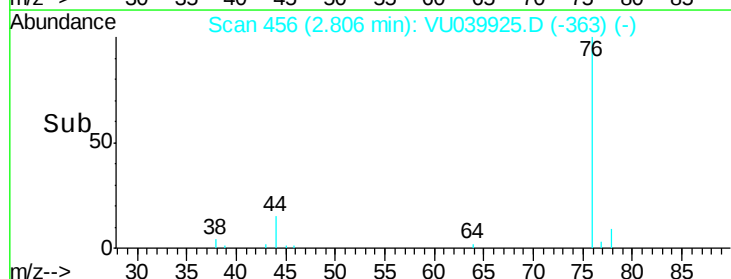
Ion Ratio Lower Upper

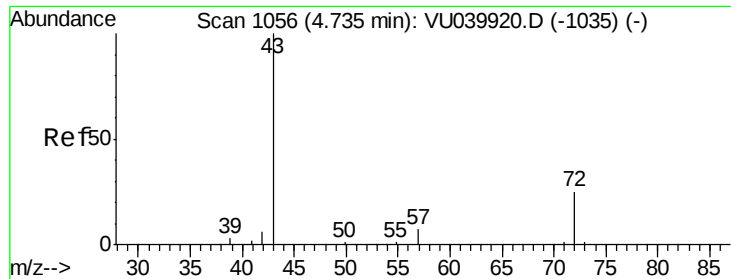
76 100

78 9.1 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VU039925.D (-363) (-)





#21

2-Butanone

Concen: 1.208 ug/L

RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

Lab File: VU039925.D

Acq: 21 Aug 2020 13:38

Instrument :

MSVOA_U

ClientSampled :

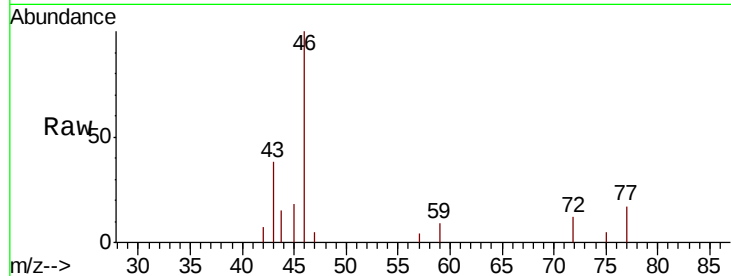
BFSG5

Tot Ion: 43 Resp: 2623

Ion Ratio Lower Upper

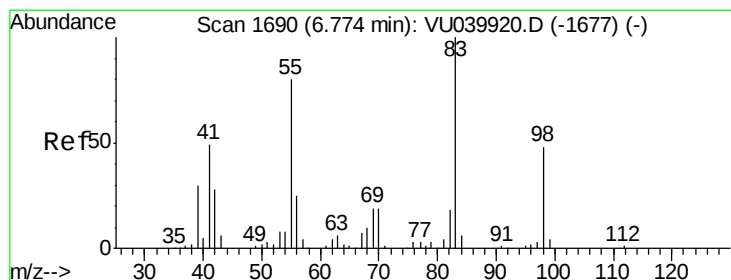
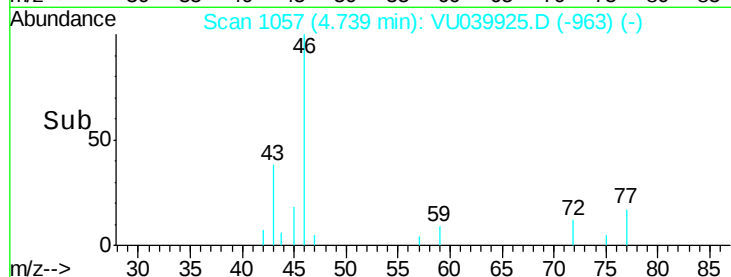
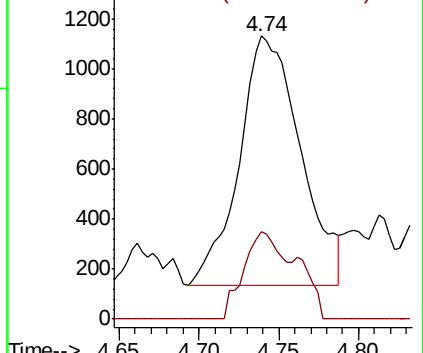
43 100

72 21.4 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039925.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VU039925.D (-963) (-)



#35

Methylcyclohexane

Concen: 0.797 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU039925.D

Acq: 21 Aug 2020 13:38

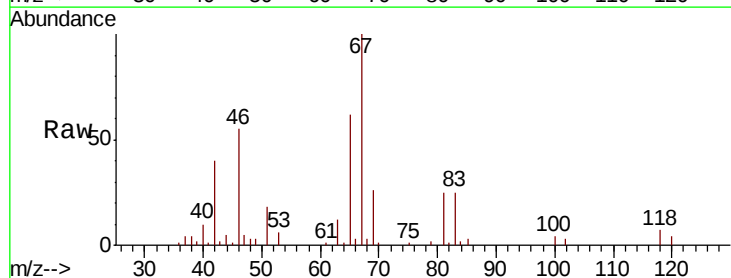
Tgt Ion: 83 Resp: 7884

Ion Ratio Lower Upper

83 100

55 0.3 64.1 96.1#

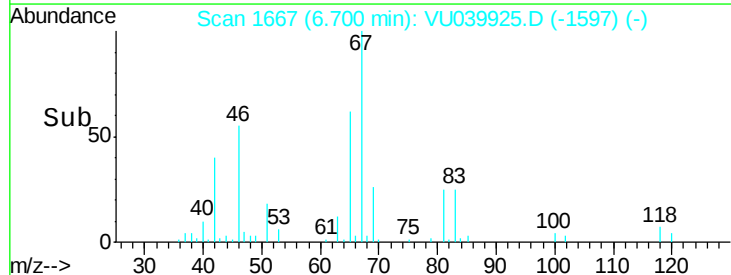
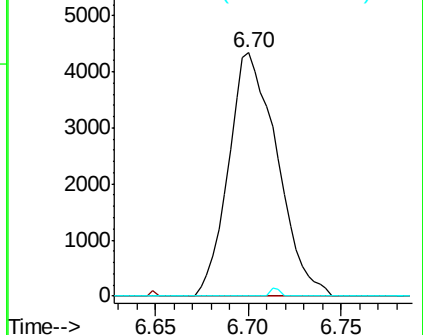
98 0.6 39.4 59.0#

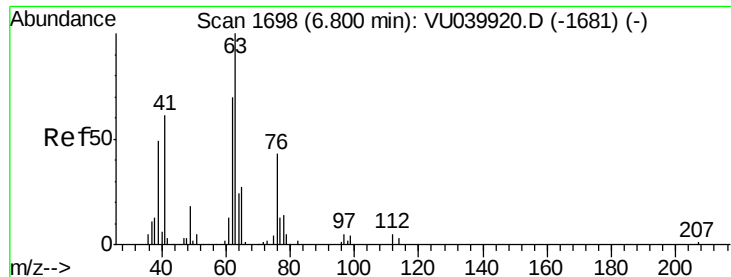


Abundance Ion 83.15 (82.85 to 83.85): VU039925.D (-1597) (-)

Ion 55.10 (54.80 to 55.80): VU039925.D (-1597) (-)

Ion 98.15 (97.85 to 98.85): VU039925.D (-1597) (-)





#37

1,2-Dichloropropane

Concen: 0.613 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU039925.D

Acq: 21 Aug 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

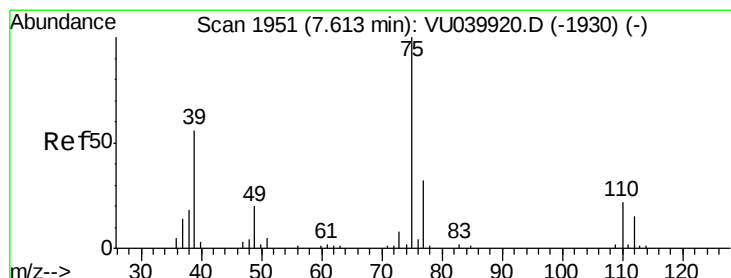
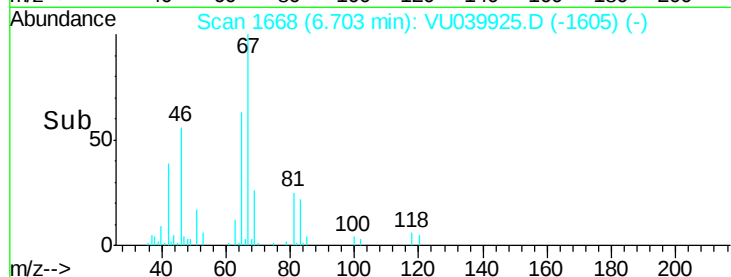
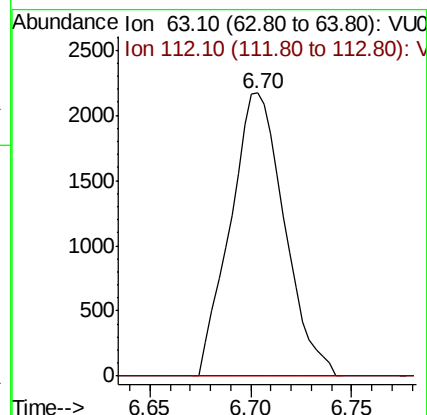
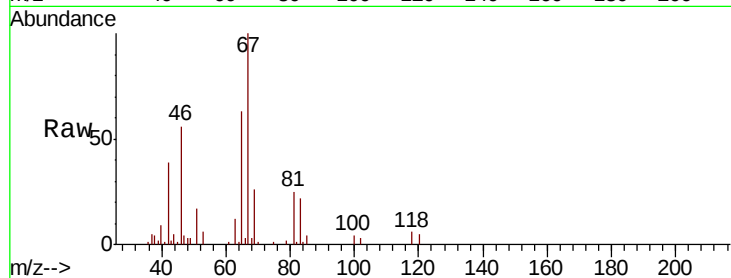
BFSG5

Tot Ion: 63 Resp: 4058

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.57 min Scan# 1937

Delta R.T. -0.04 min

Lab File: VU039925.D

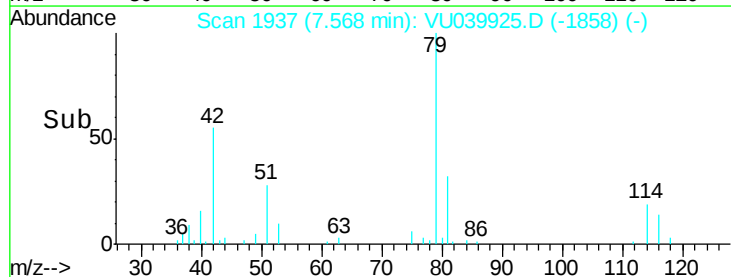
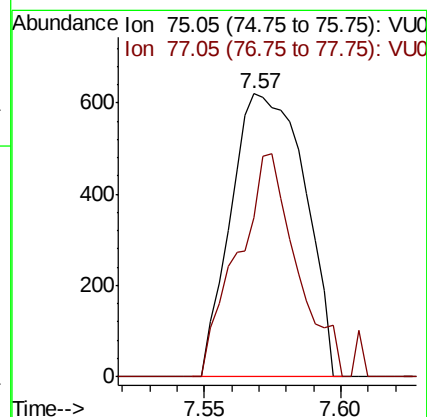
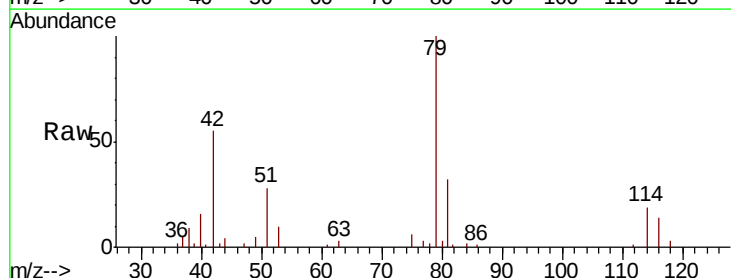
Acq: 21 Aug 2020 13:38

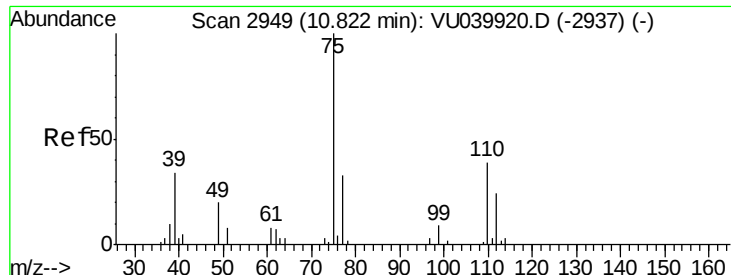
Tgt Ion: 75 Resp: 1163

Ion Ratio Lower Upper

75 100

77 56.3 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 1.010 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039925.D

Acq: 21 Aug 2020 13:38

Instrument :

MSVOA_U

ClientSampleId :

BFSG5

Tot Ion: 75 Resp: 4786

Ion Ratio Lower Upper

75 100

77 37.0 27.4 41.2

