

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082620\
 Data File : VU039982.D
 Acq On : 26 Aug 2020 14:41
 Operator : SY/MD
 Sample : L3807-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFW55

Quant Time: Aug 27 00:53:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 27 00:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68756	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	69049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32555	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25740	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.92	69	23982	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	41032	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.65	46	91167	47.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	5.08	84	56554	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.72	65	34319	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.74	84	105572	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.70	67	34735	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.90	98	89212	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	8.19	79	13872	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.64	63	65659	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26871	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	36468	5.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.60%

Target Compounds

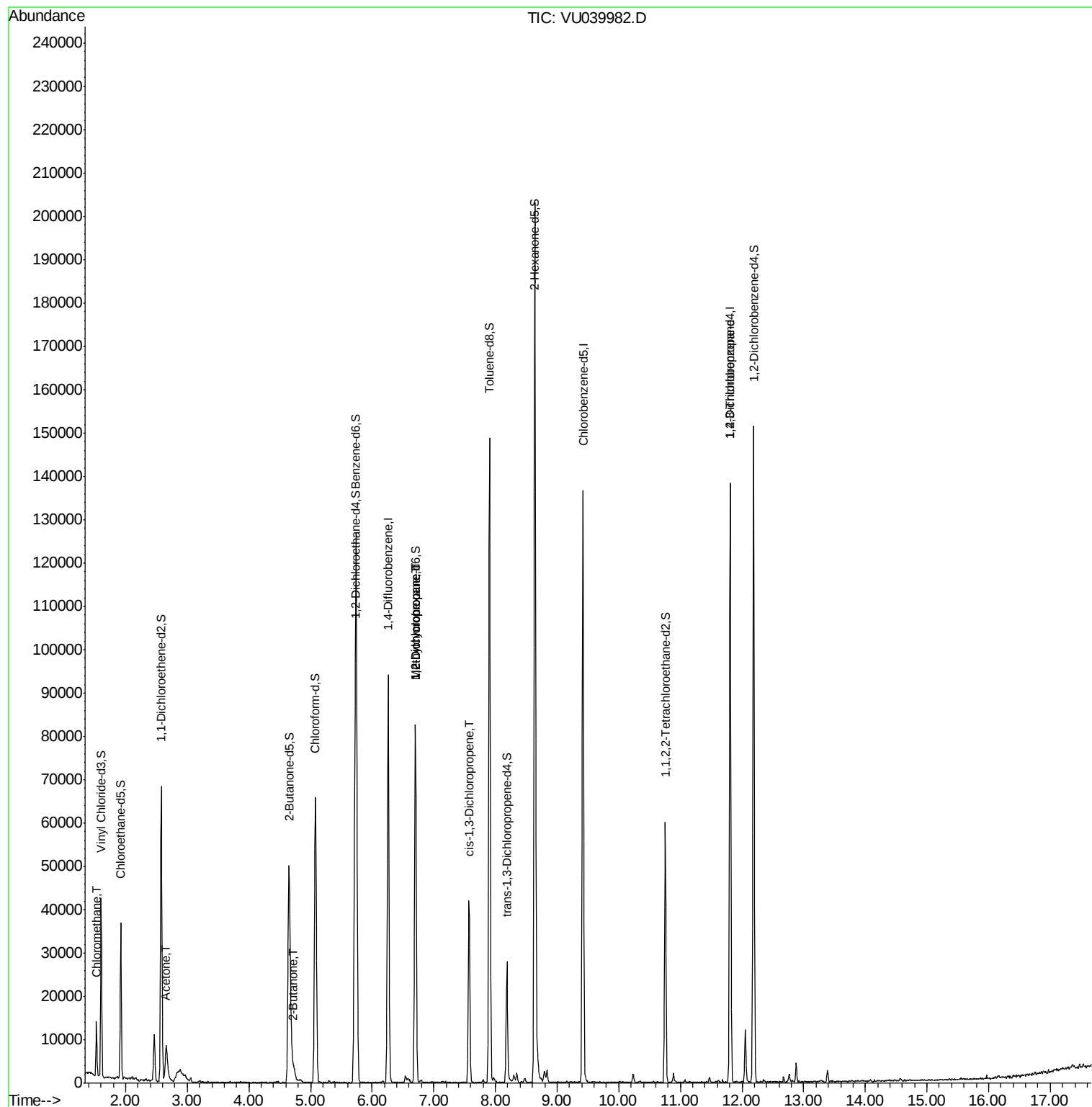
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	8682	1.074	ug/L	94
13) Acetone	2.66	43	16469	12.558	ug/L #	45
21) 2-Butanone	4.73	43	3754	1.647	ug/L	81
35) Methylcyclohexane	6.70	83	8107	0.813	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	4449	0.667	ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1206	0.129	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	4443	0.930	ug/L #	83

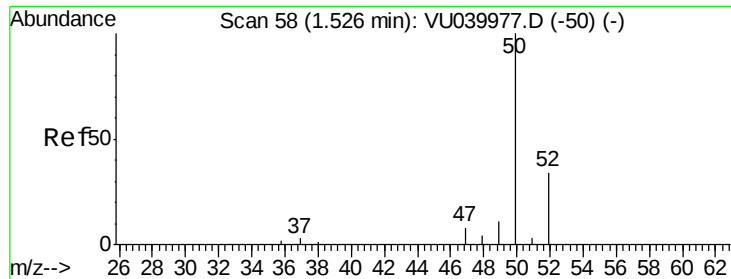
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.074 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

Lab File: VU039982.D

Acq: 26 Aug 2020 14:41

Instrument :

MSVOA_U

ClientSampleId :

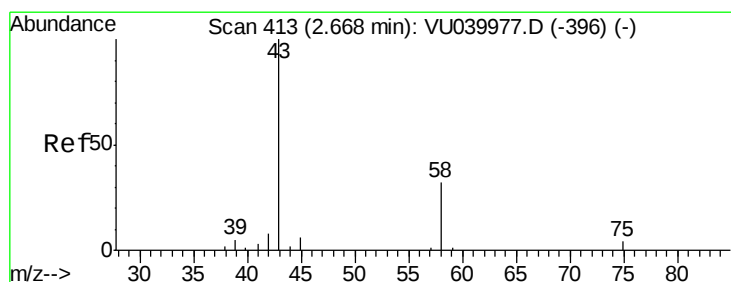
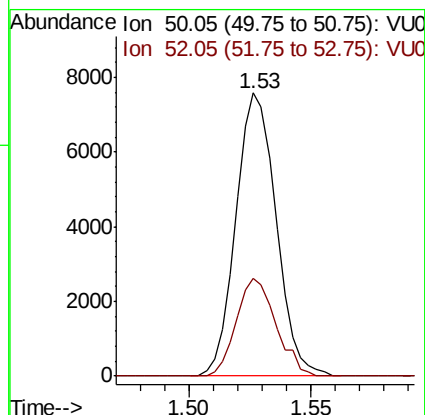
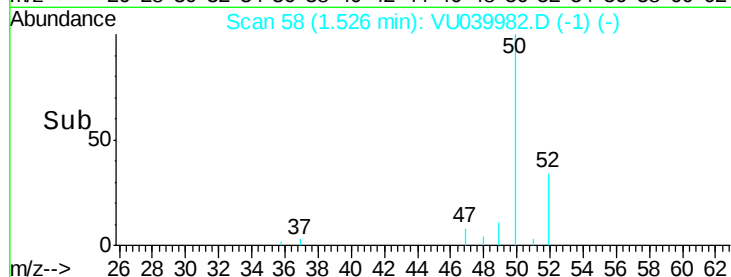
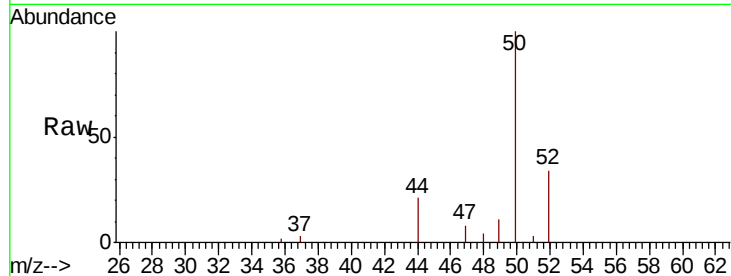
BFWS5

Tot Ion: 50 Resp: 8682

Ion Ratio Lower Upper

50 100

52 34.4 21.9 40.7



#13

Acetone

Concen: 12.558 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039982.D

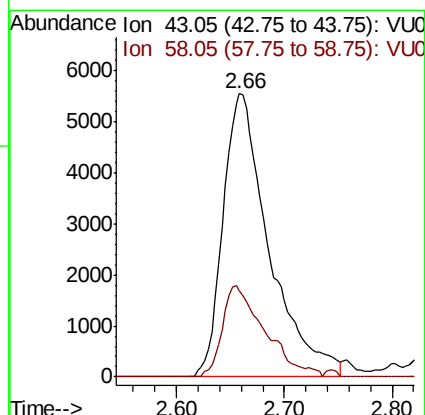
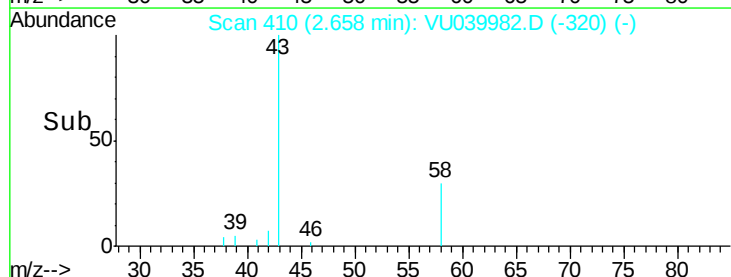
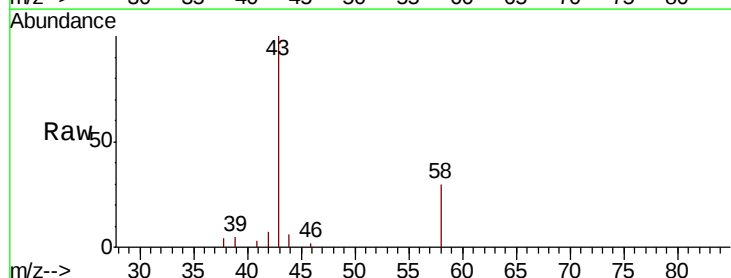
Acq: 26 Aug 2020 14:41

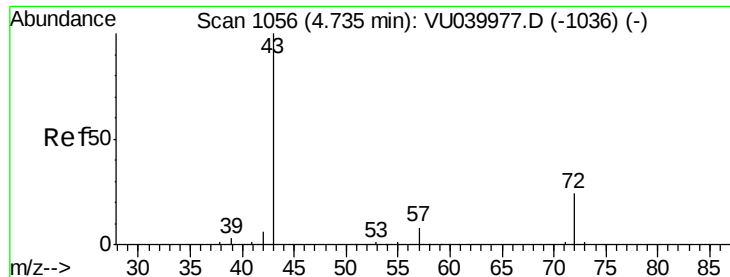
Tgt Ion: 43 Resp: 16469

Ion Ratio Lower Upper

43 100

58 29.7 0.0 19.0#





#21

2-Butanone

Concen: 1.647 ug/L

RT: 4.73 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VU039982.D

Acq: 26 Aug 2020 14:41

Instrument :

MSVOA_U

ClientSampleId :

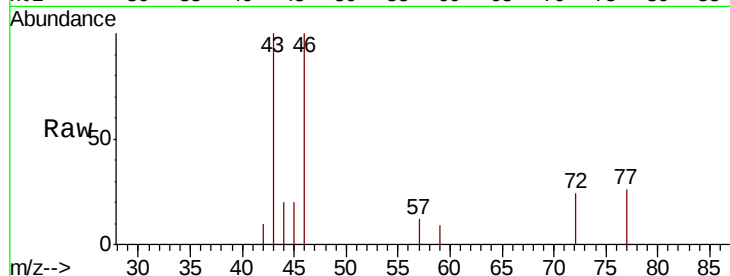
BFWS5

Tot Ion: 43 Resp: 3754

Ion Ratio Lower Upper

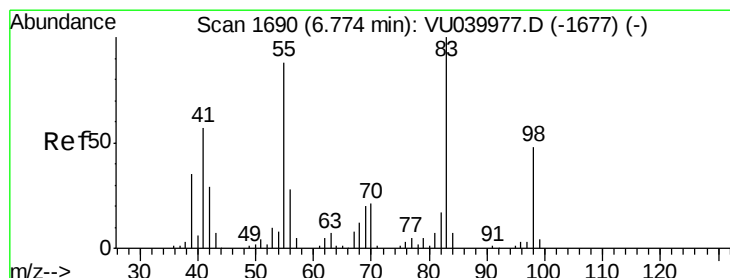
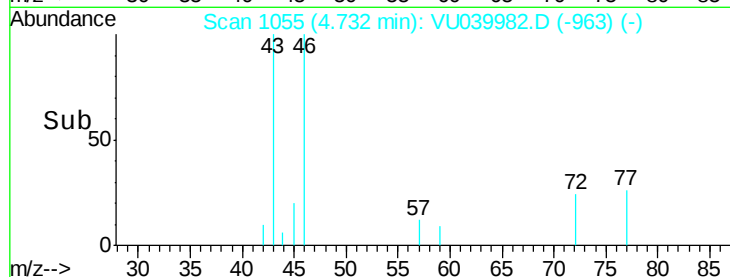
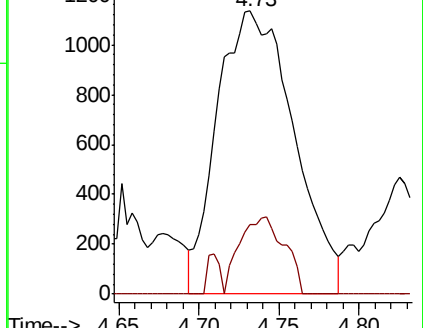
43 100

72 15.7 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039977.D (-1036) (-)

Ion 72.10 (71.80 to 72.80): VU039977.D (-1036) (-)



#35

Methylcyclohexane

Concen: 0.813 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU039982.D

Acq: 26 Aug 2020 14:41

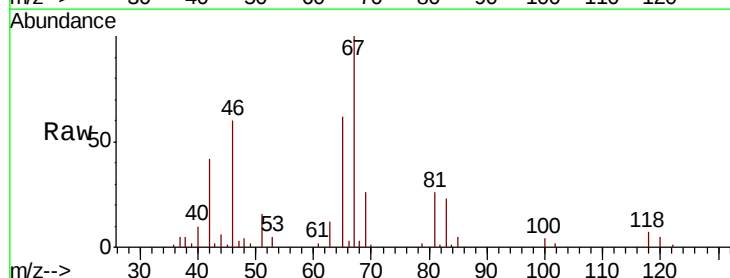
Tgt Ion: 83 Resp: 8107

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

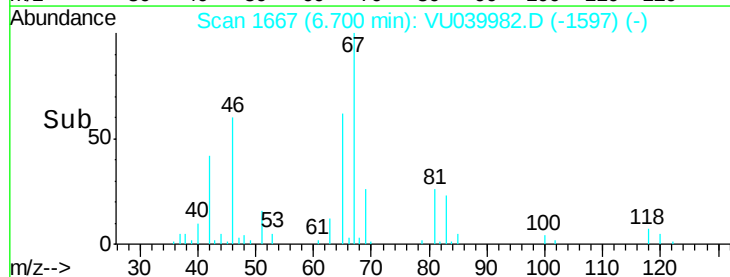
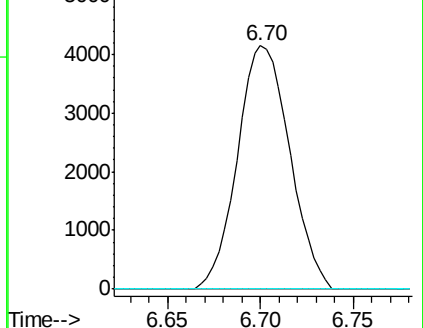
98 3.0 39.4 59.0#

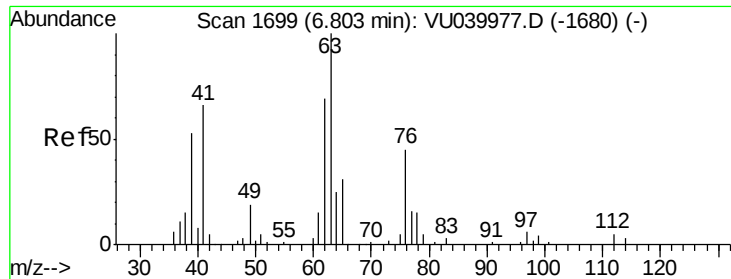


Abundance Ion 83.15 (82.85 to 83.85): VU039977.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU039977.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU039977.D (-1677) (-)

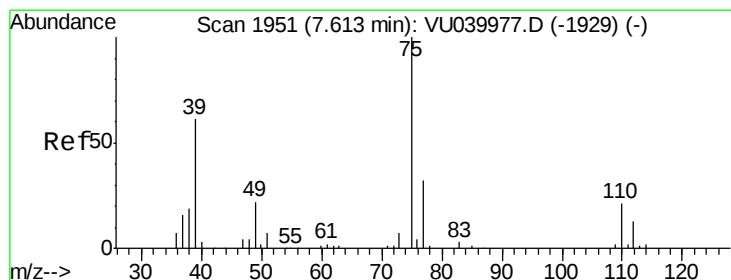
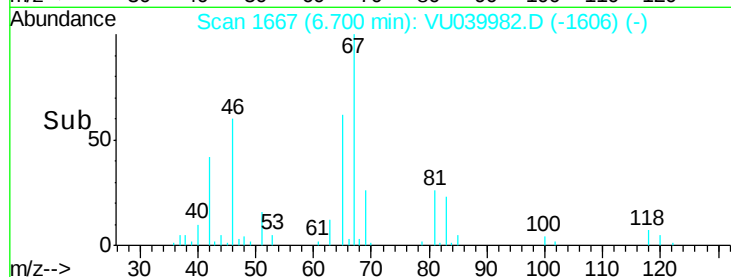
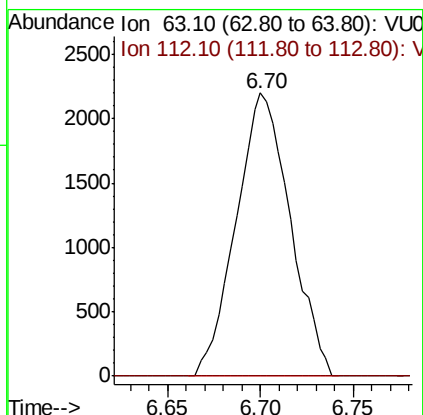
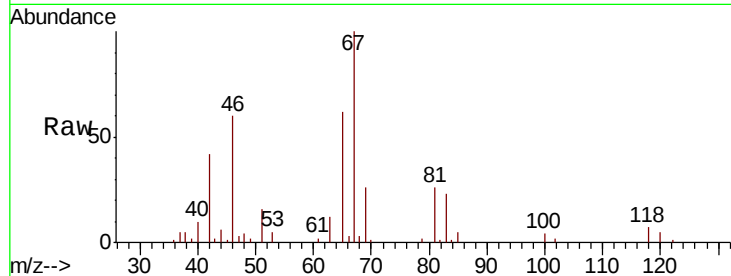




#37
 1,2-Dichloropropane
 Concen: 0.667 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039982.D
 Acq: 26 Aug 2020 14:41

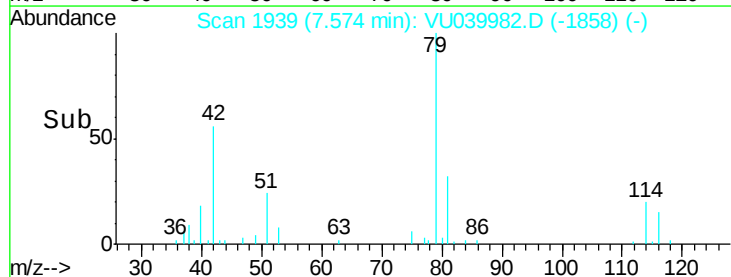
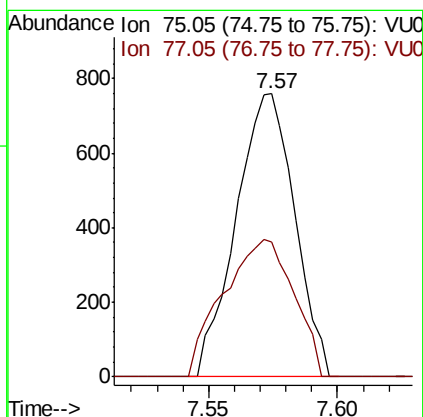
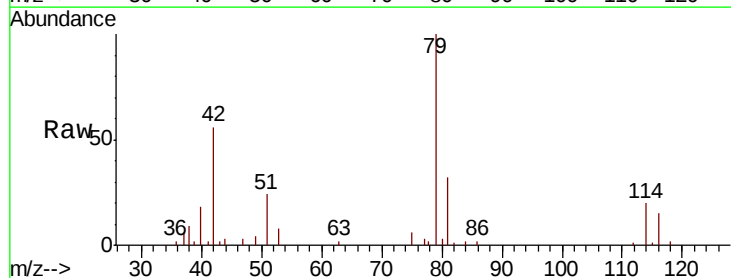
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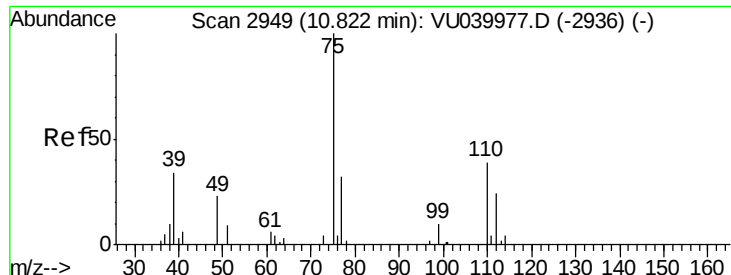
Tot Ion: 63 Resp: 4449
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039982.D
 Acq: 26 Aug 2020 14:41

Tgt Ion: 75 Resp: 1206
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 0.930 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039982.D

Acq: 26 Aug 2020 14:41

Instrument :

MSVOA_U

ClientSampleId :

BFWS5

Tot Ion: 75 Resp: 4443

Ion Ratio Lower Upper

75 100

77 44.2 27.4 41.2#

