

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
 Data File : VU039950.D
 Acq On : 24 Aug 2020 16:35
 Operator : SY/MD
 Sample : L3767-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSS3

Quant Time: Aug 25 02:05:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 25 02:02:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	69162	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64543	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	28882	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25708	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.92	69	22169	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.58	63	37712	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	4.66	46	74369	38.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.04%
24) Chloroform-d	5.08	84	48487	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.72	65	29545	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.75	84	98104	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.70	67	32838	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.91	98	82851	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	8.19	79	12143	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.64	63	56520	41.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23130	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	29700	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

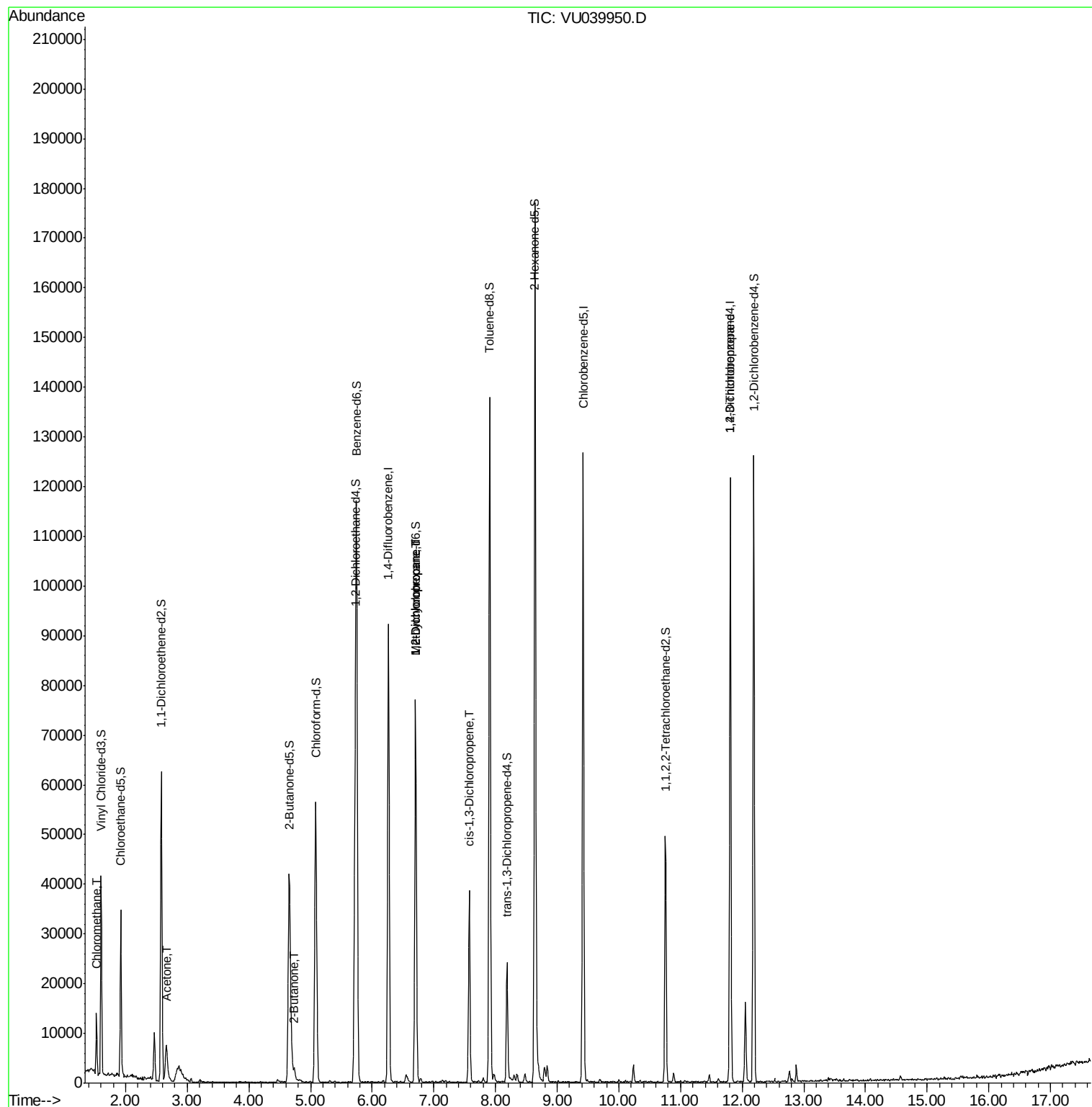
					Ovalue
3) Chloromethane	1.53	50	8646	1.063 ug/L	98
13) Acetone	2.66	43	13476	10.215 ug/L #	48
21) 2-Butanone	4.74	43	3337	1.456 ug/L	89
35) Methylcyclohexane	6.70	83	7200	0.772 ug/L #	16
37) 1,2-Dichloropropane	6.70	63	3815	0.612 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1062	0.122 ug/L #	63
59) 1,2,3-Trichloropropane	11.81	75	4448	0.996 ug/L	93

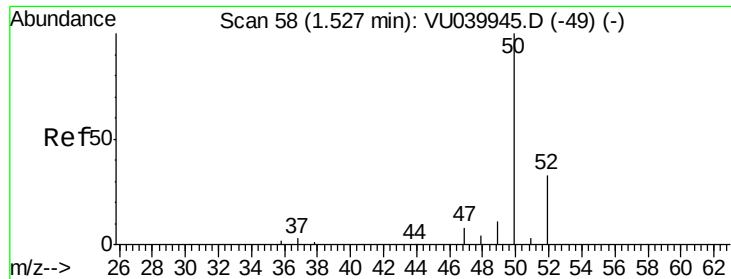
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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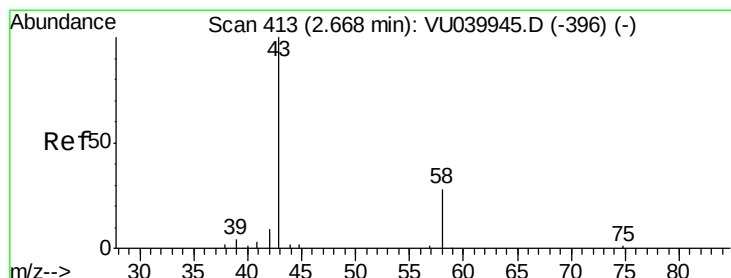
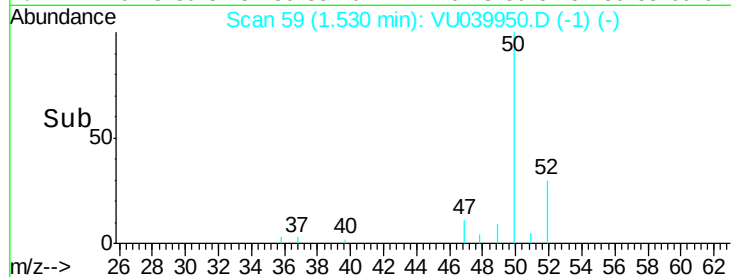
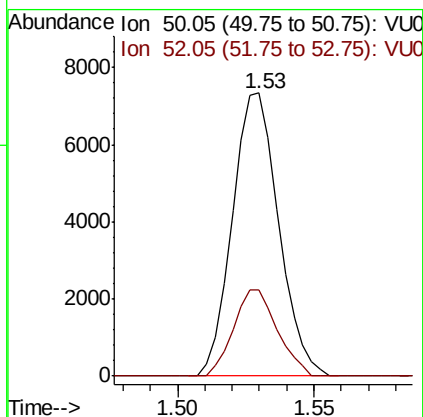
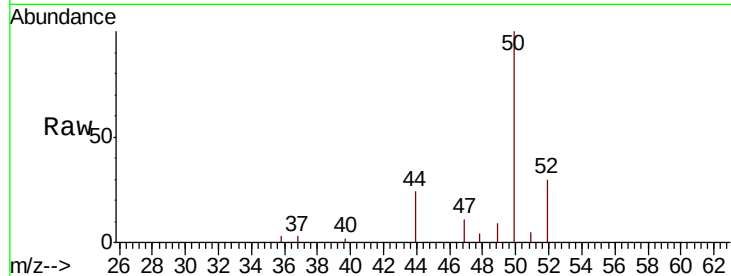




#3
 Chloromethane
 Concen: 1.063 ug/L
 RT: 1.53 min Scan# 59
 Delta R.T. 0.00 min
 Lab File: VU039950.D
 Acq: 24 Aug 2020 16:35

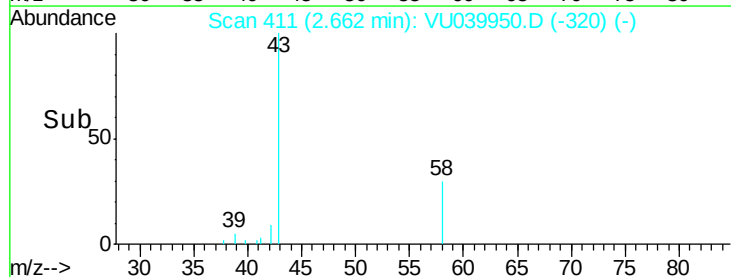
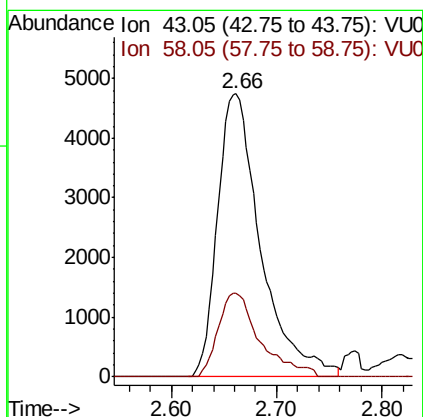
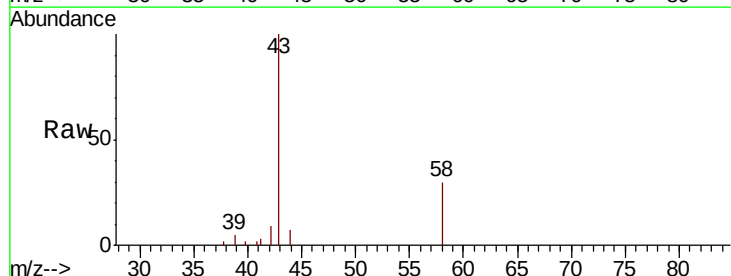
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSS3

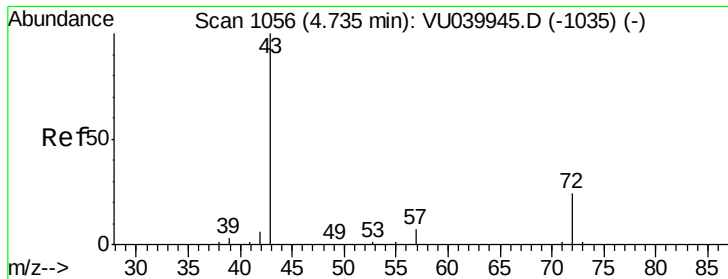
Tot Ion: 50 Resp: 8646
 Ion Ratio Lower Upper
 50 100
 52 30.4 21.9 40.7



#13
 Acetone
 Concen: 10.215 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: VU039950.D
 Acq: 24 Aug 2020 16:35

Tgt Ion: 43 Resp: 13476
 Ion Ratio Lower Upper
 43 100
 58 28.7 0.0 19.0#





#21

2-Butanone

Concen: 1.456 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039950.D

Acq: 24 Aug 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

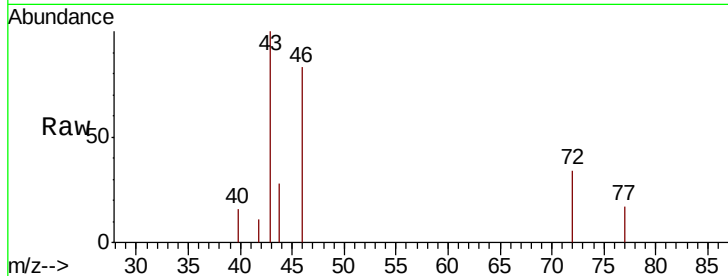
BFSS3

Tot Ion: 43 Resp: 3337

Ion Ratio Lower Upper

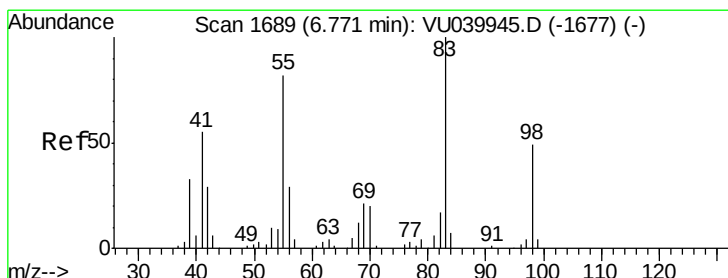
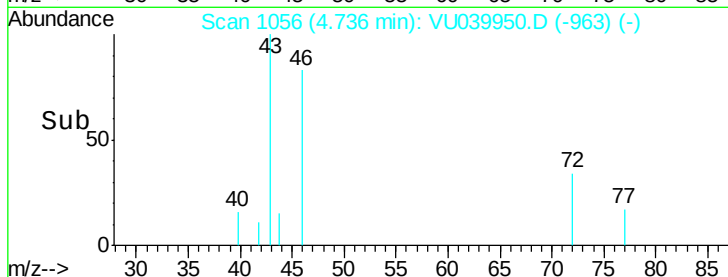
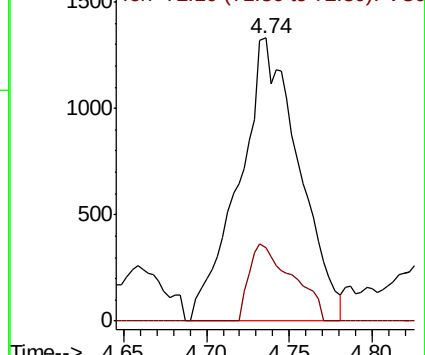
43 100

72 19.6 12.7 38.0



Abundance Ion 43.05 (42.75 to 43.75): VU039950.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VU039950.D (-963) (-)



#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU039950.D

Acq: 24 Aug 2020 16:35

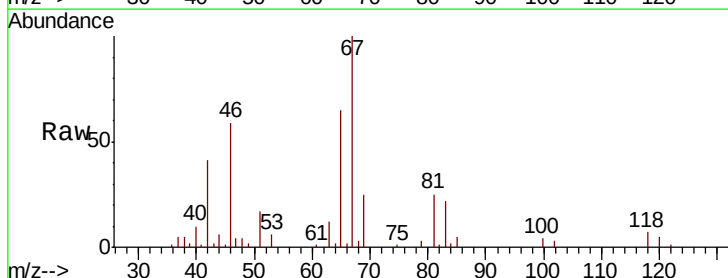
Tgt Ion: 83 Resp: 7200

Ion Ratio Lower Upper

83 100

55 0.0 64.1 96.1#

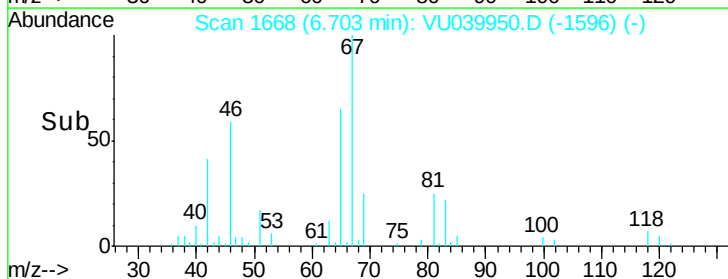
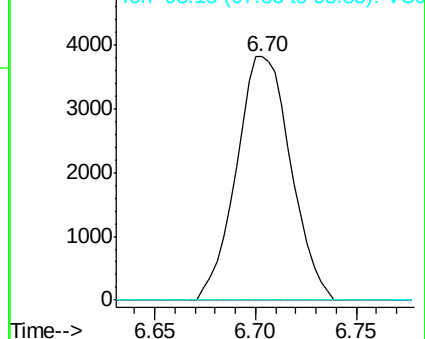
98 0.0 39.4 59.0#

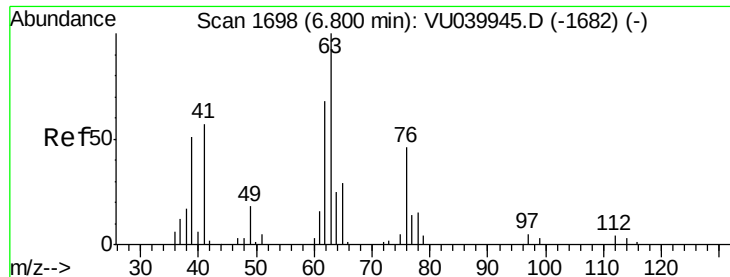


Abundance Ion 83.15 (82.85 to 83.85): VU039950.D (-1596) (-)

Ion 55.10 (54.80 to 55.80): VU039950.D (-1596) (-)

Ion 98.15 (97.85 to 98.85): VU039950.D (-1596) (-)

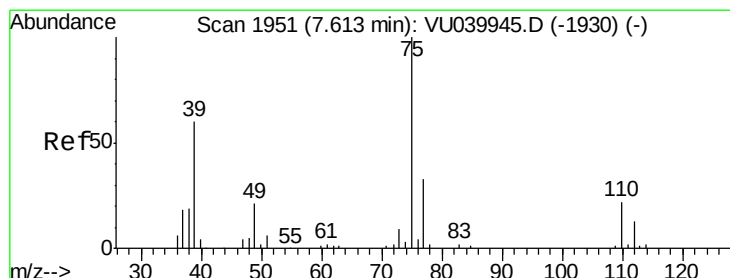
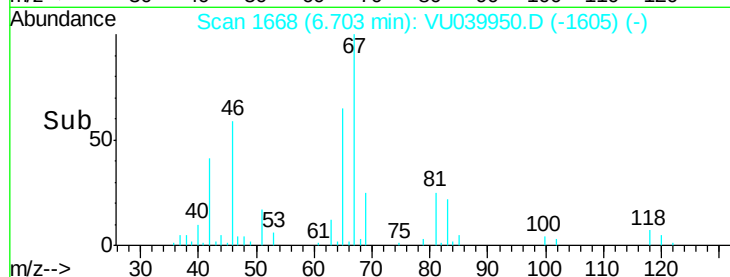
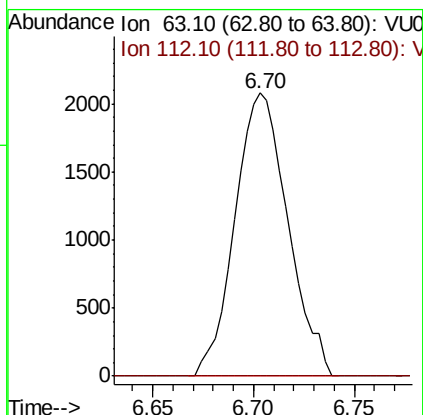
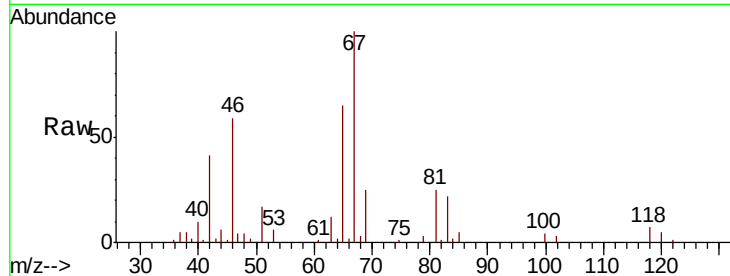




#37
 1,2-Dichloropropane
 Concen: 0.612 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU039950.D
 Acq: 24 Aug 2020 16:35

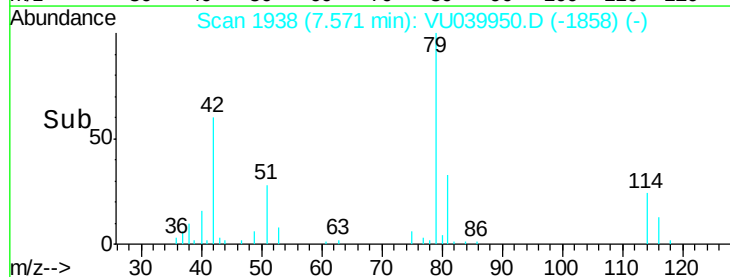
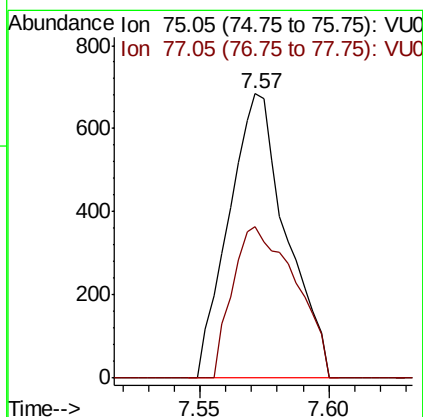
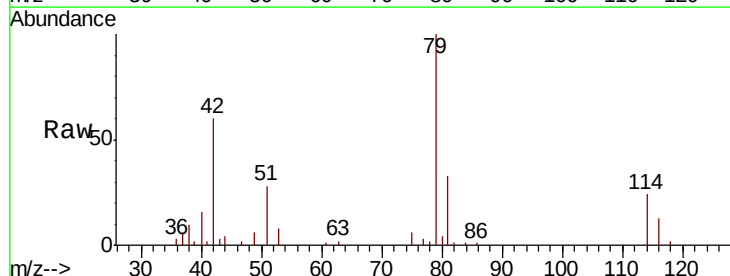
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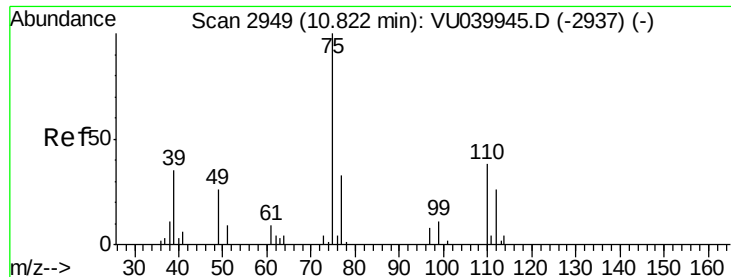
Tot Ion: 63 Resp: 3815
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU039950.D
 Acq: 24 Aug 2020 16:35

Tgt Ion: 75 Resp: 1062
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.6 42.0#





#59

1,2,3-Trichloropropane

Concen: 0.996 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU039950.D

Acq: 24 Aug 2020 16:35

Instrument :

MSVOA_U

ClientSampleId :

BFSS3

Tot Ion: 75 Resp: 4448

Ion Ratio Lower Upper

75 100

77 38.3 27.4 41.2

