

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082520\
 Data File : VU039963.D
 Acq On : 25 Aug 2020 13:20
 Operator : SY/MD
 Sample : L3789-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSS7

Quant Time: Aug 26 03:44:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 26 03:42:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66504	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26612	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.92	69	22737	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.58	63	40121	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.65	46	82861	44.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.26%
24) Chloroform-d	5.09	84	54647	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.72	65	31917	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.74	84	101741	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.70	67	33534	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.91	98	86365	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.19	79	12906	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.64	63	60139	42.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26163	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	34162	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

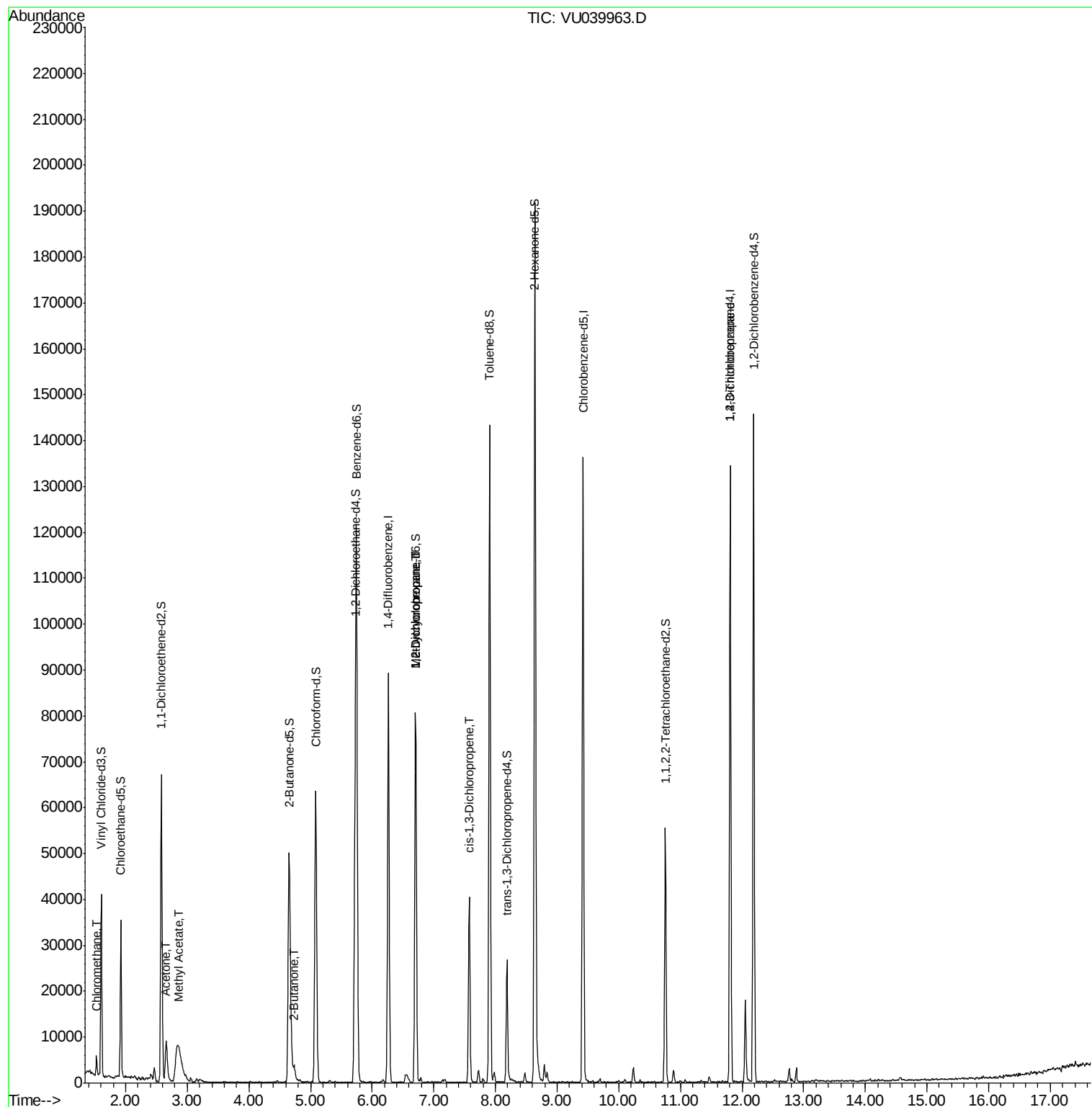
					Ovalue
3) Chloromethane	1.53	50	3073	0.393 ug/L	96
13) Acetone	2.66	43	14368	11.327 ug/L #	53
15) Methyl Acetate	2.87	43	659	0.202 ug/L #	56
21) 2-Butanone	4.74	43	4389	1.991 ug/L #	69
35) Methylcyclohexane	6.70	83	7595	0.770 ug/L #	17
37) 1,2-Dichloropropane	6.71	63	3996	0.606 ug/L #	85
39) cis-1,3-Dichloropropene	7.58	75	1165	0.126 ug/L #	70
59) 1,2,3-Trichloropropane	11.81	75	4495	0.952 ug/L	94

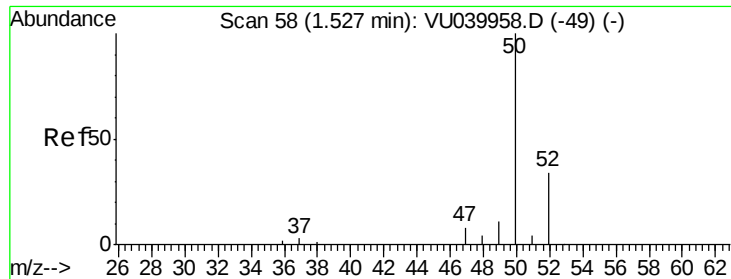
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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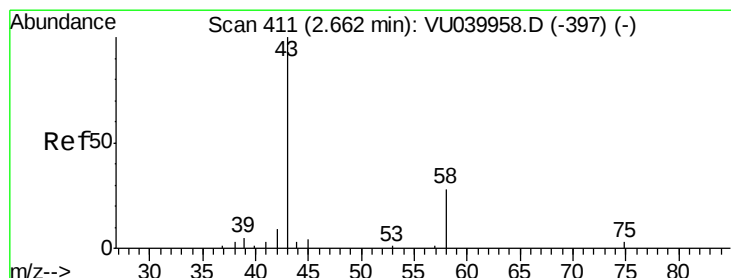
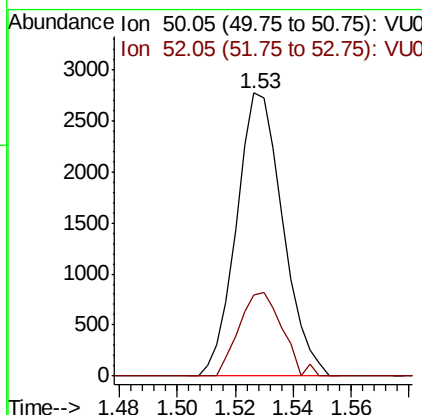
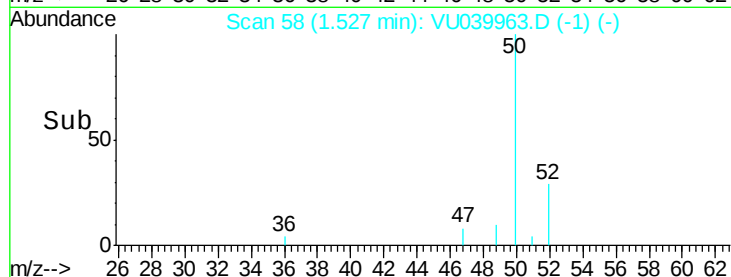
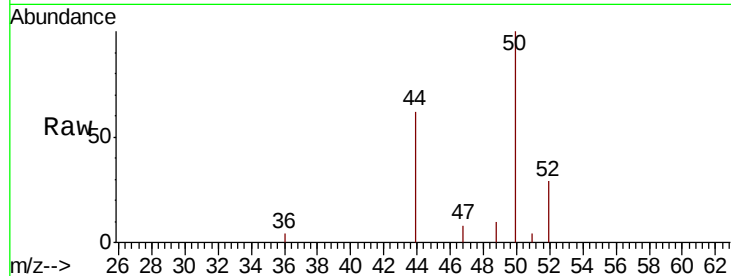




#3
Chloromethane
Concen: 0.393 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU039963.D
Acq: 25 Aug 2020 13:20

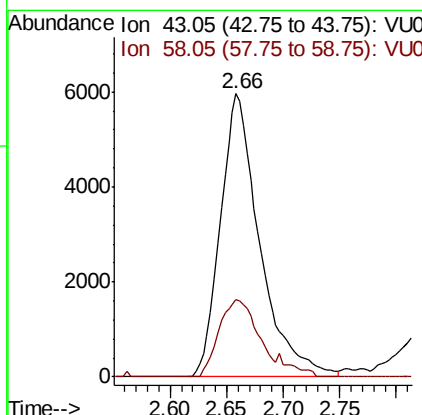
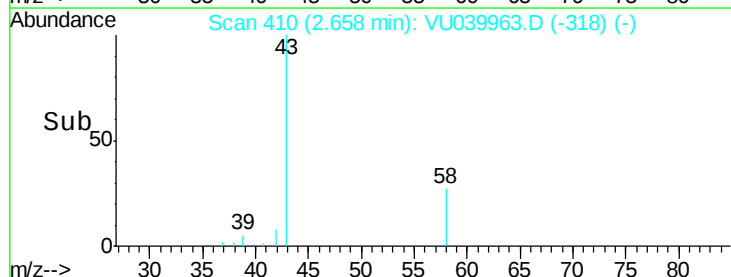
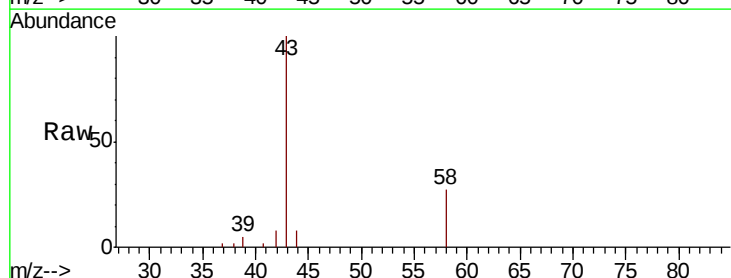
Instrument :
MSVOA_U
ClientSampleId :
BFSS7

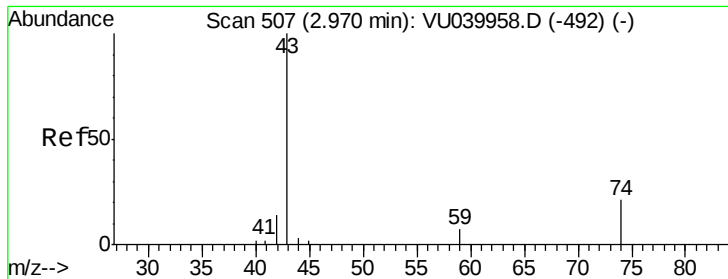
Tot Ion: 50 Resp: 3073
Ion Ratio Lower Upper
50 100
52 28.8 21.9 40.7



#13
Acetone
Concen: 11.327 ug/L
RT: 2.66 min Scan# 410
Delta R.T. -0.00 min
Lab File: VU039963.D
Acq: 25 Aug 2020 13:20

Tgt Ion: 43 Resp: 14368
Ion Ratio Lower Upper
43 100
58 26.7 0.0 19.0#

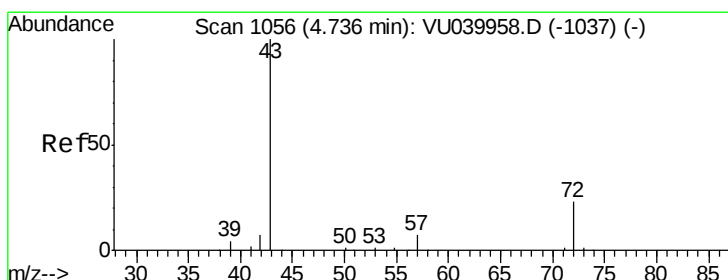
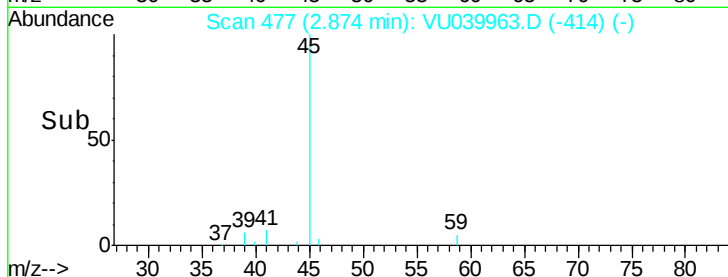
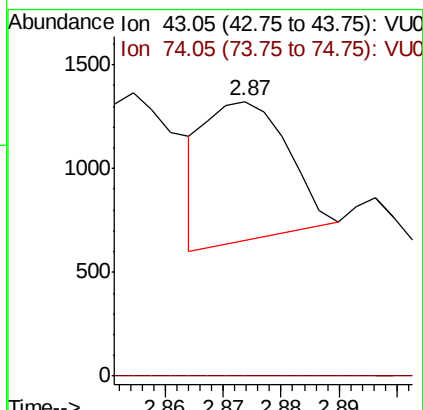
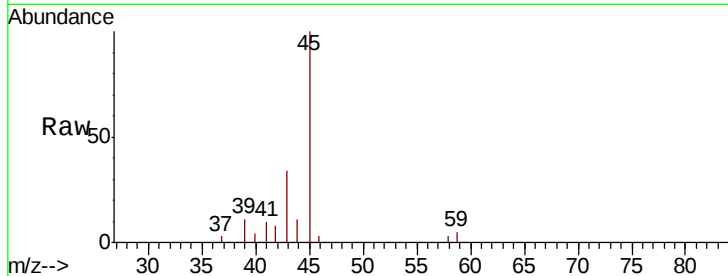




#15
Methvl Acetate
Concen: 0.202 ug/L
RT: 2.87 min Scan# 477
Delta R.T. -0.10 min
Lab File: VU039963.D
Acq: 25 Aug 2020 13:20

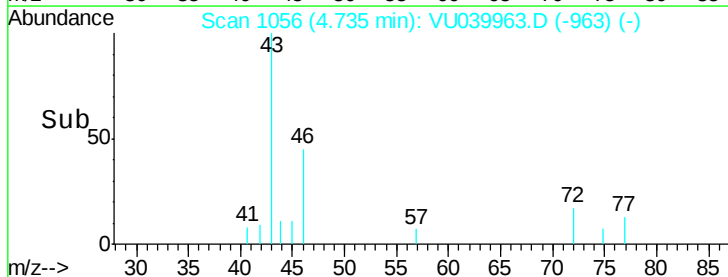
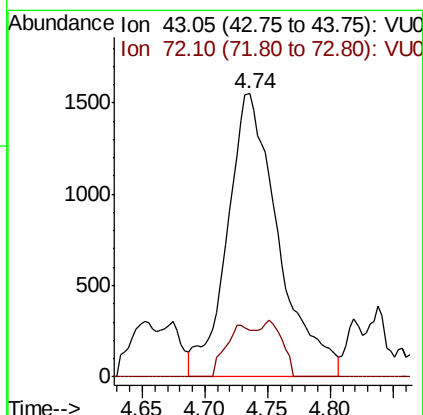
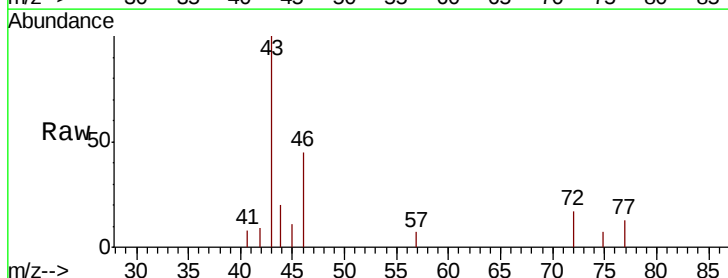
Instrument :
MSVOA_U
ClientSampled :
BFSS7

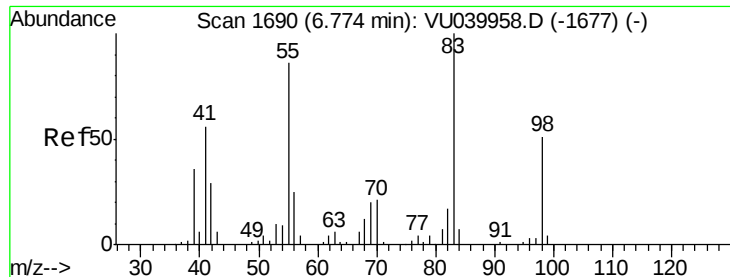
Tot Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#21
2-Butanone
Concen: 1.991 ug/L
RT: 4.74 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VU039963.D
Acq: 25 Aug 2020 13:20

Tgt Ion: 43 Resp: 4389
Ion Ratio Lower Upper
43 100
72 9.5 12.7 38.0#

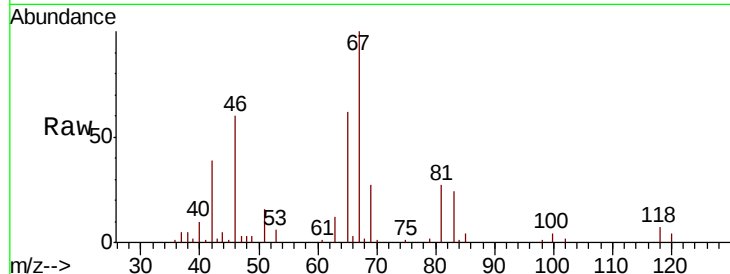




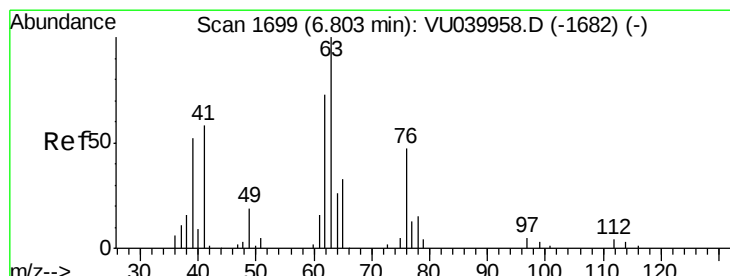
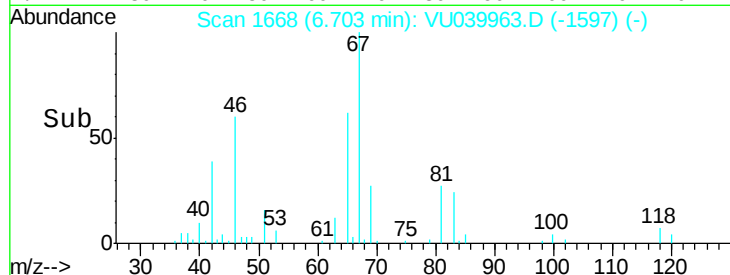
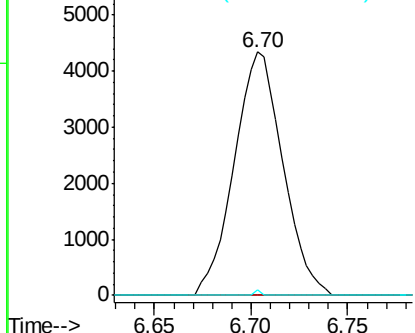
#35
Methvlcvclohexane
Concen: 0.770 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039963.D
Acq: 25 Aug 2020 13:20

Instrument :
MSVOA_U
ClientSampleId :
BFSS7

Tot Ion: 83 Resp: 7595
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 0.3 39.4 59.0#

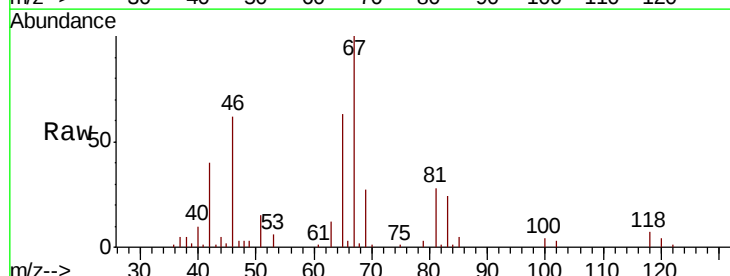


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

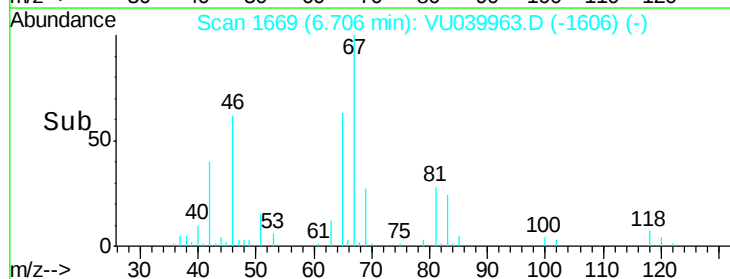
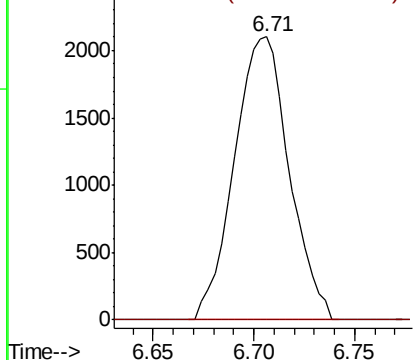


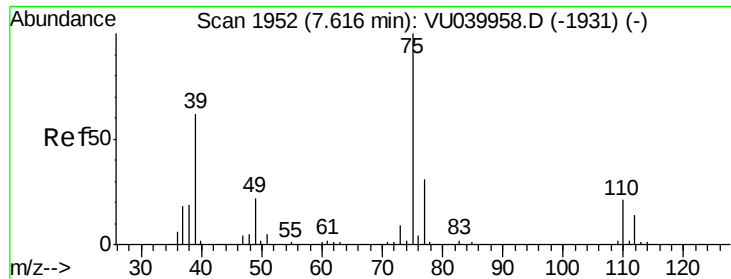
#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.10 min
Lab File: VU039963.D
Acq: 25 Aug 2020 13:20

Tgt Ion: 63 Resp: 3996
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

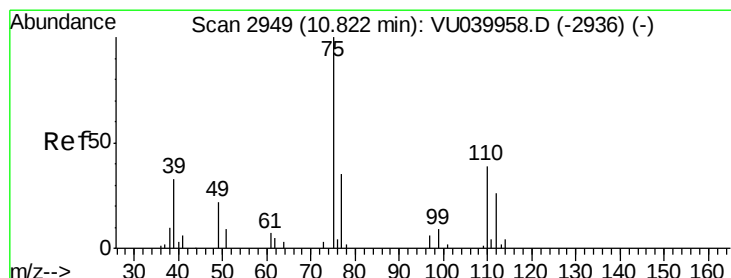
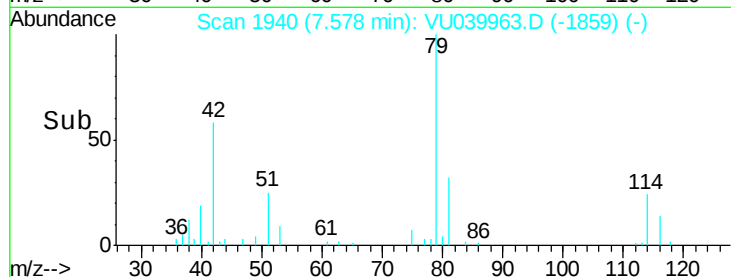
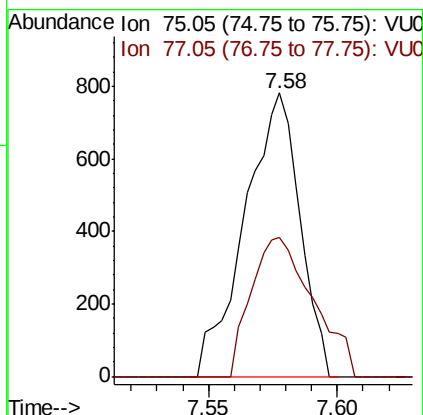
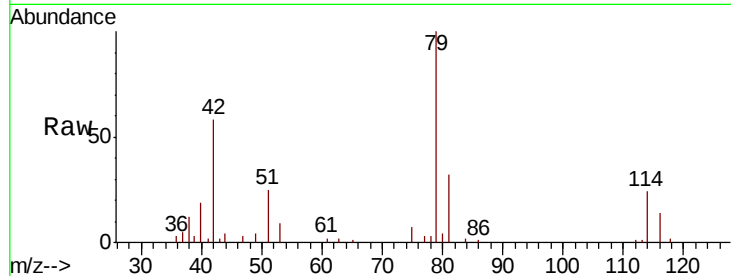




#39
 cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU039963.D
 Acq: 25 Aug 2020 13:20

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 ClientSampleId :
 BFSS7

Tot Ion: 75 Resp: 1165
 Ion Ratio Lower Upper
 75 100
 77 49.0 22.6 42.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.952 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU039963.D
 Acq: 25 Aug 2020 13:20

Tgt Ion: 75 Resp: 4495
 Ion Ratio Lower Upper
 75 100
 77 37.9 27.4 41.2

