

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082420\
 Data File : VU039948.D
 Acq On : 24 Aug 2020 15:46
 Operator : SY/MD
 Sample : L3782-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH3

Quant Time: Aug 25 02:04:39 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	70246	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68594	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	33468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26068	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.92	69	22554	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.58	63	39794	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.66	46	81641	41.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.26%
24) Chloroform-d	5.08	84	48265	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.72	65	28197	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.75	84	93991	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.70	67	31358	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.91	98	84983	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.19	79	12781	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.64	63	59001	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24728	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	34015	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

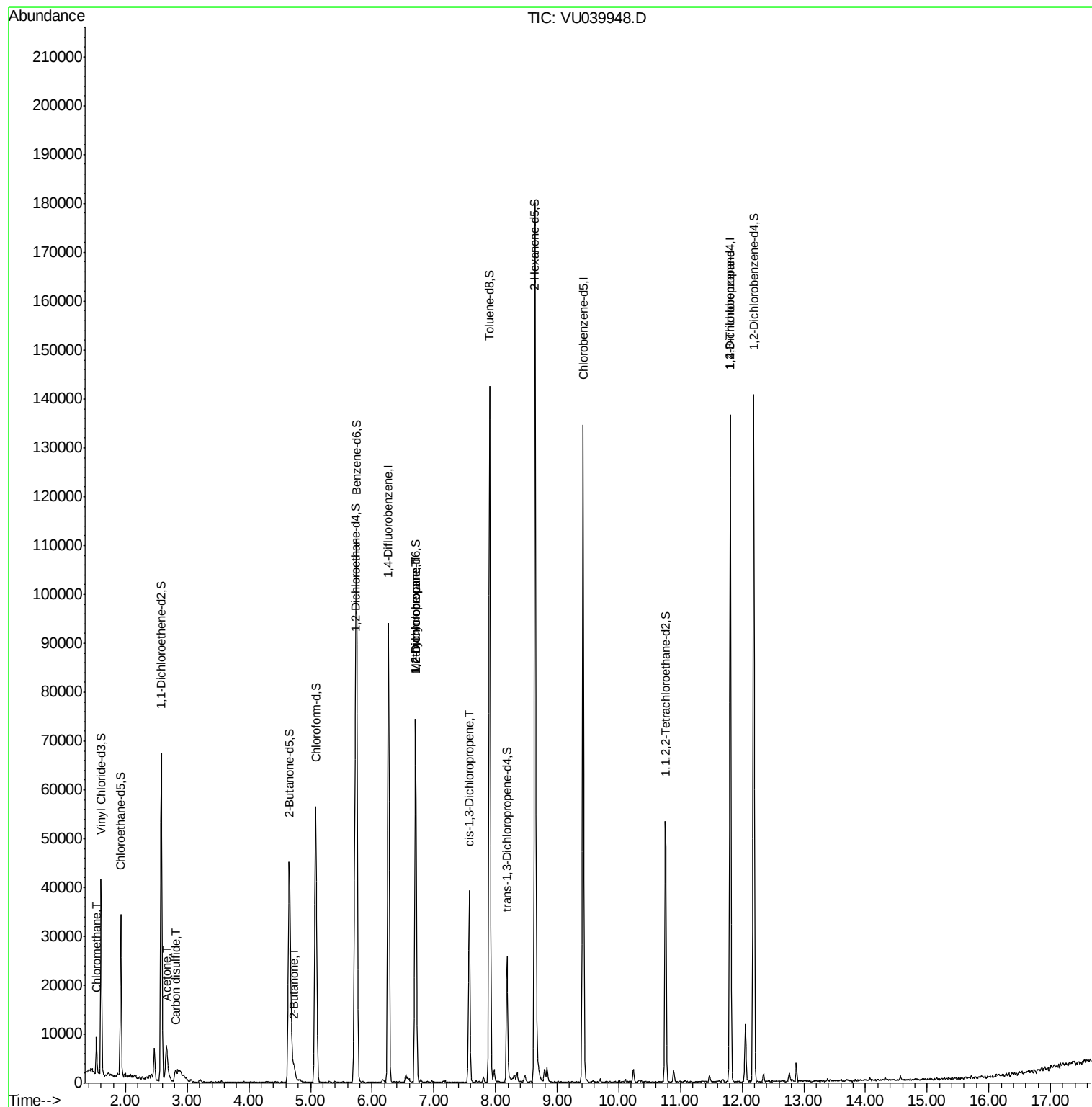
					Ovalue
3) Chloromethane	1.53	50	4888	0.592 ug/L	99
13) Acetone	2.66	43	14163	10.570 ug/L #	54
14) Carbon disulfide	2.81	76	2177	0.110 ug/L #	89
21) 2-Butanone	4.74	43	3497	1.502 ug/L #	69
35) Methylcyclohexane	6.70	83	7880	0.795 ug/L #	16
37) 1,2-Dichloropropane	6.70	63	3868	0.584 ug/L #	85
39) cis-1,3-Dichloropropene	7.57	75	1054	0.114 ug/L #	53
59) 1,2,3-Trichloropropane	11.81	75	4547	0.958 ug/L	94

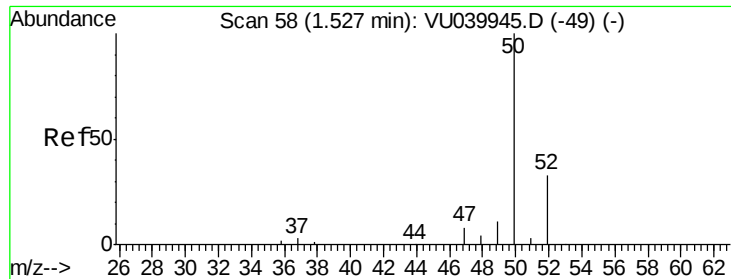
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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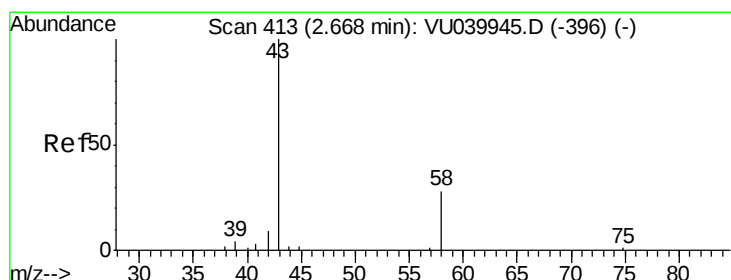
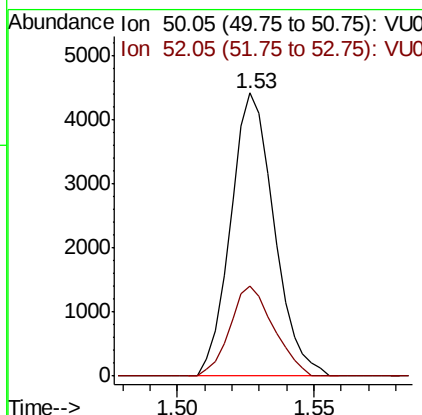
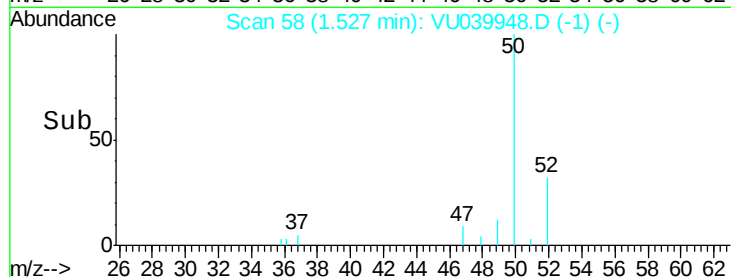
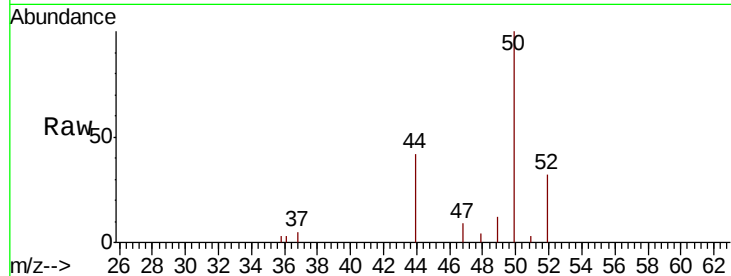




#3
 Chloromethane
 Concen: 0.592 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU039948.D
 Acq: 24 Aug 2020 15:46

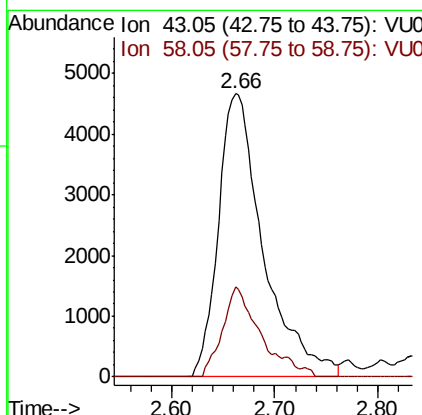
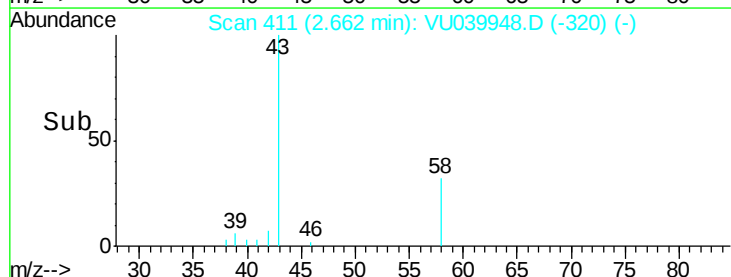
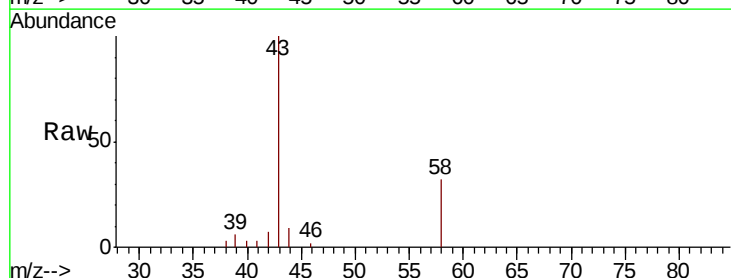
Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH3

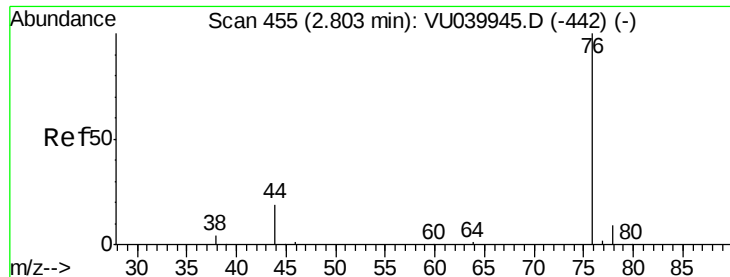
Tot Ion: 50 Resp: 4888
 Ion Ratio Lower Upper
 50 100
 52 31.6 21.9 40.7



#13
 Acetone
 Concen: 10.570 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: VU039948.D
 Acq: 24 Aug 2020 15:46

Tgt Ion: 43 Resp: 14163
 Ion Ratio Lower Upper
 43 100
 58 26.4 0.0 19.0#





#14

Carbon disulfide

Concen: 0.110 ug/L

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU039948.D

Acq: 24 Aug 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

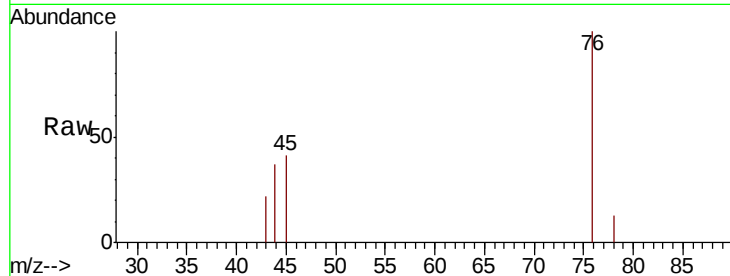
BFSH3

Tot Ion: 76 Resp: 2177

Ion Ratio Lower Upper

76 100

78 13.3 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

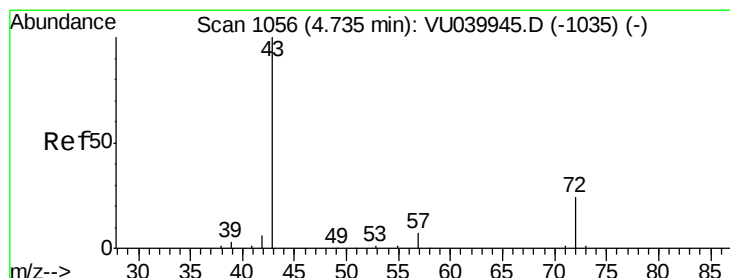
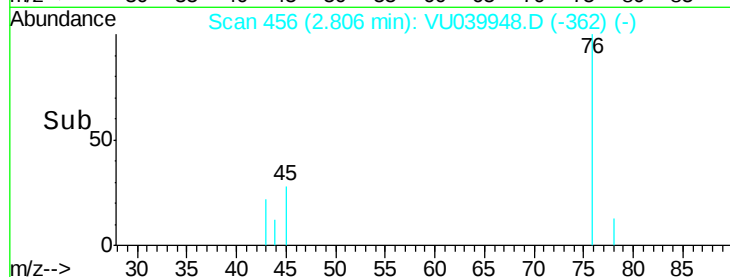
2.81

1000

500

0

Time--> 2.75 2.80 2.85



#21

2-Butanone

Concen: 1.502 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039948.D

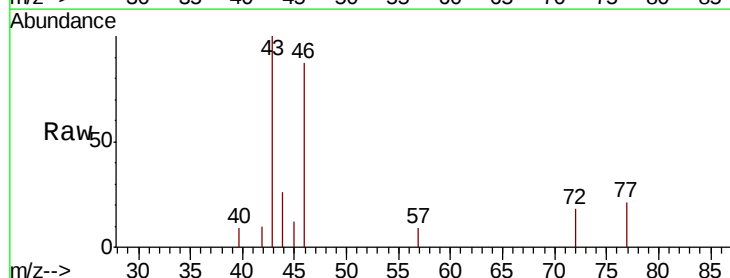
Acq: 24 Aug 2020 15:46

Tgt Ion: 43 Resp: 3497

Ion Ratio Lower Upper

43 100

72 9.8 12.7 38.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

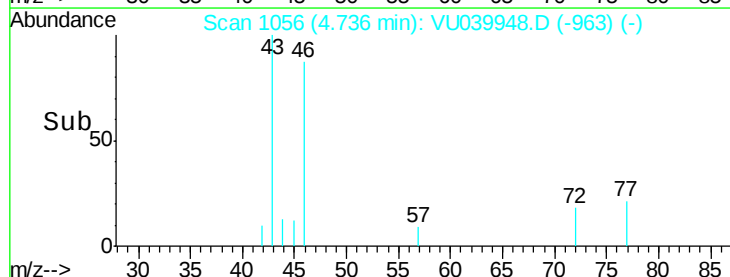
4.74

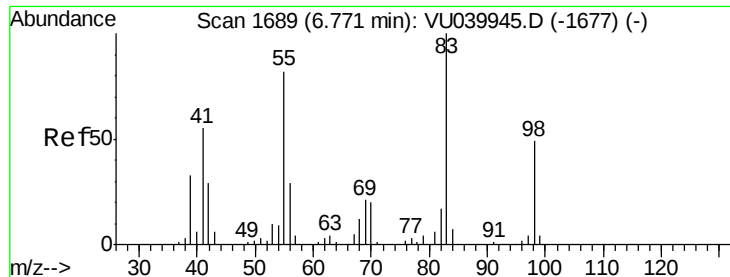
1000

500

0

Time--> 4.65 4.70 4.75 4.80

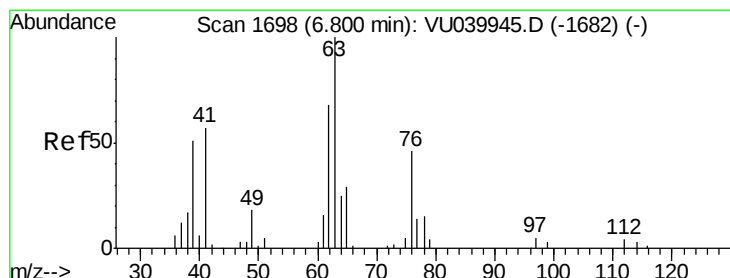
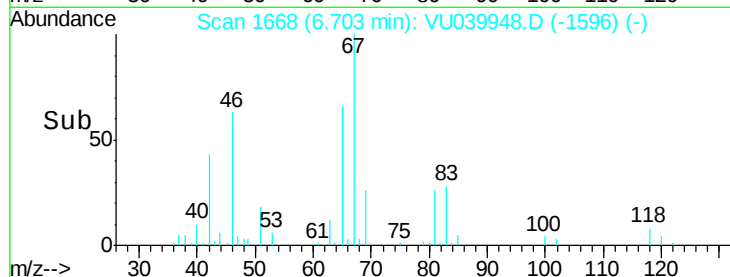
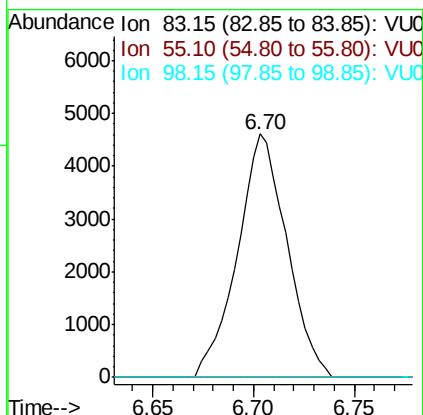
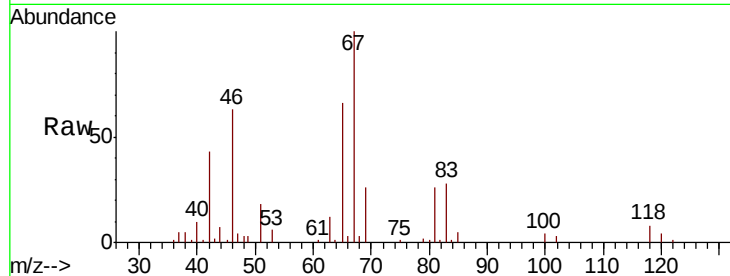




#35
Methvlcvclohexane
Concen: 0.795 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU039948.D
Acq: 24 Aug 2020 15:46

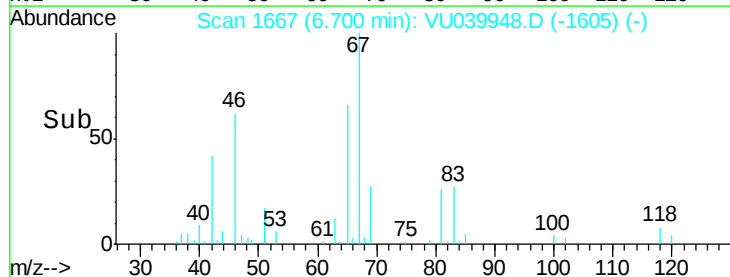
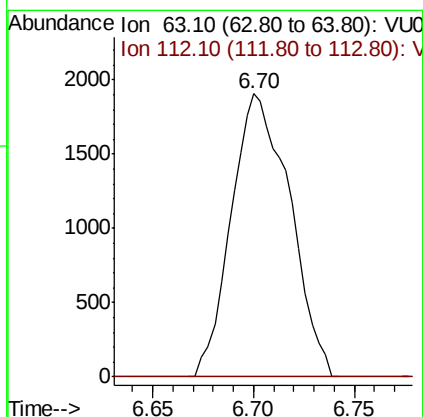
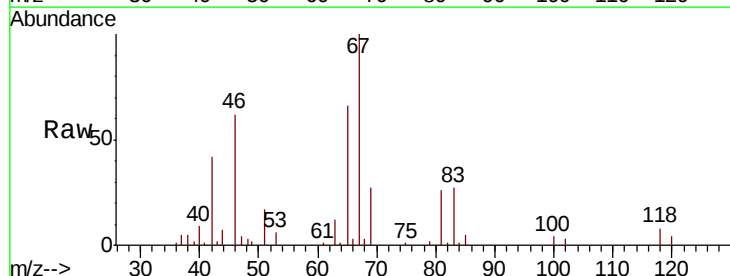
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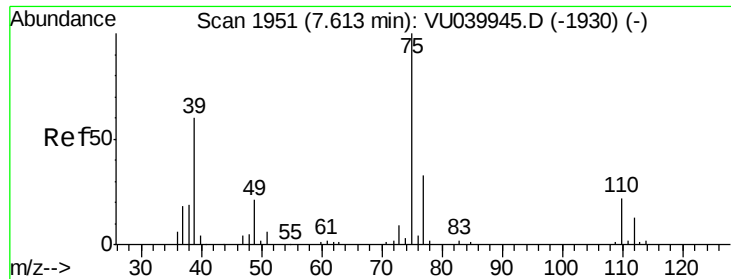
Tot Ion: 83 Resp: 7880
Ion Ratio Lower Upper
83 100
55 0.0 64.1 96.1#
98 0.0 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU039948.D
Acq: 24 Aug 2020 15:46

Tgt Ion: 63 Resp: 3868
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

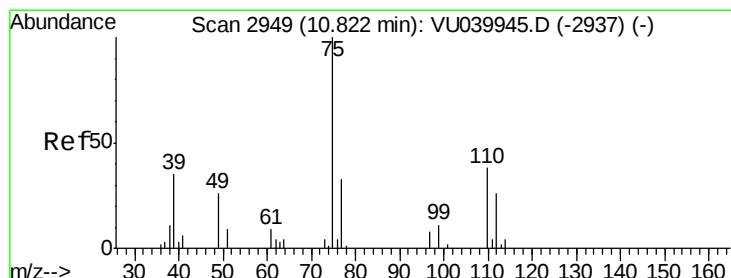
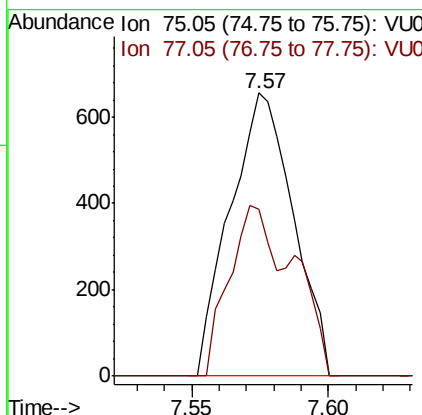
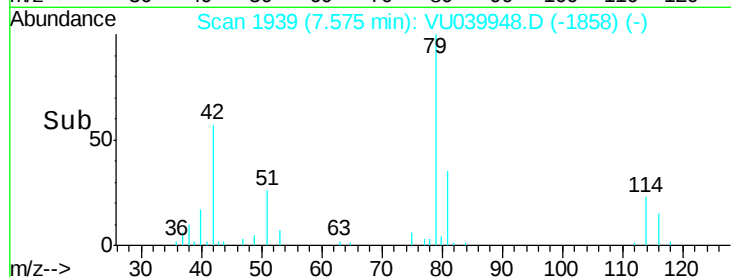
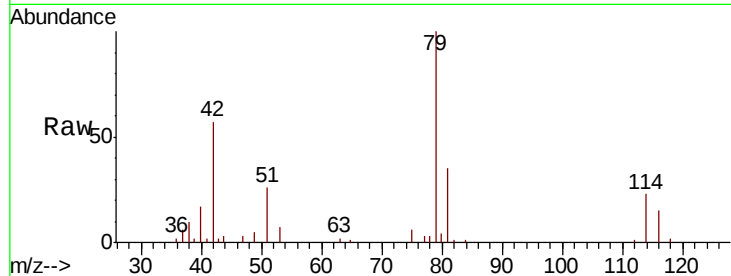




#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU039948.D
 Acq: 24 Aug 2020 15:46

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSH3

Tot Ion: 75 Resp: 1054
 Ion Ratio Lower Upper
 75 100
 77 58.8 22.6 42.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.958 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039948.D
 Acq: 24 Aug 2020 15:46

Tgt Ion: 75 Resp: 4547
 Ion Ratio Lower Upper
 75 100
 77 37.8 27.4 41.2

