

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039167.D
 Acq On : 26 Jun 2020 16:12
 Operator : SY/MD
 Sample : L3121-13RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F47

Quant Time: Jun 26 23:55:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	218668	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	223663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	95724	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63535	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	1.93	69	64634	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.59	63	103389	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	4.68	46	323385	55.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.92%
24) Chloroform-d	5.10	84	161746	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	98186	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.76	84	287661	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.72	67	101371	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.92	98	218562	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	8.20	79	38431	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.66	63	238771	51.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.14%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86031	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	92576	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

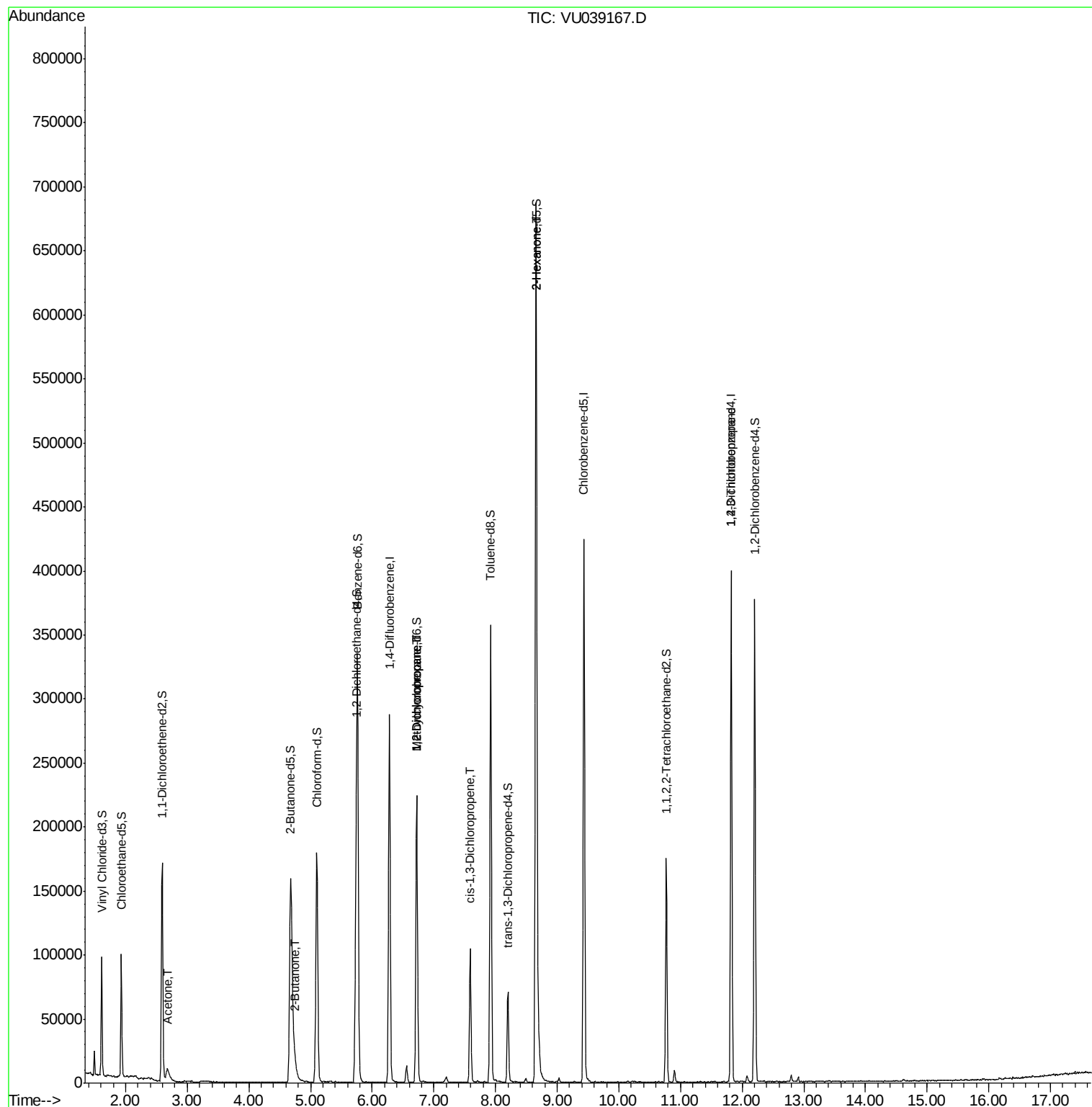
					Ovalue
13) Acetone	2.68	43	22568	5.751	ug/L 68
21) 2-Butanone	4.76	43	8557	1.434	ug/L 85
35) Methylcyclohexane	6.72	83	23391	0.927	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	11382	0.598	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2609	0.099	ug/L # 41
48) 2-Hexanone	8.66	43	31685	3.042	ug/L # 68
59) 1,2,3-Trichloropropane	11.82	75	14201	0.989	ug/L 94

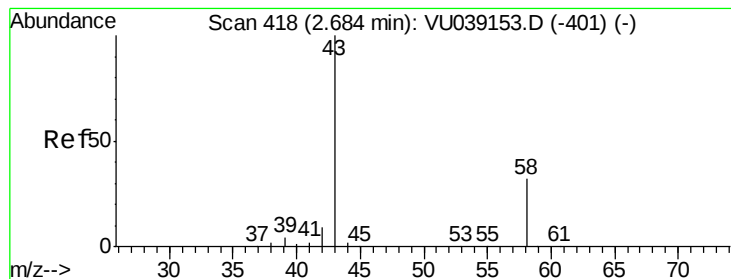
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 23:52:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.751 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU039167.D

Acq: 26 Jun 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

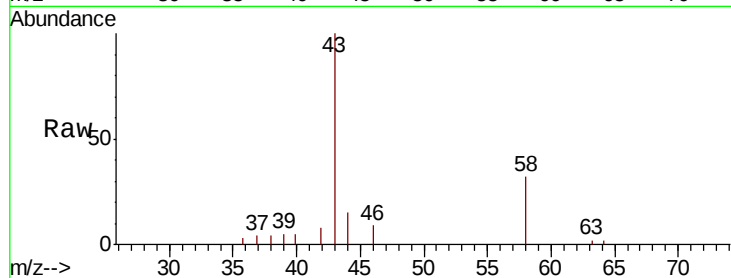
F9F47

Tot Ion: 43 Resp: 22568

Ion Ratio Lower Upper

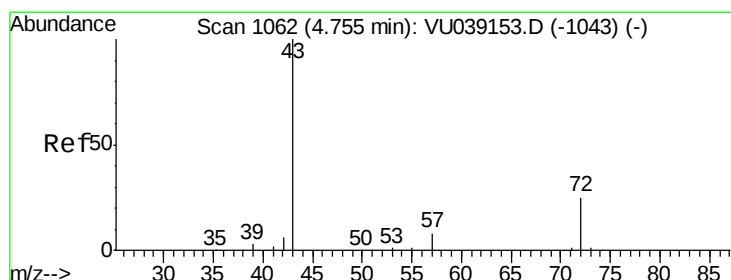
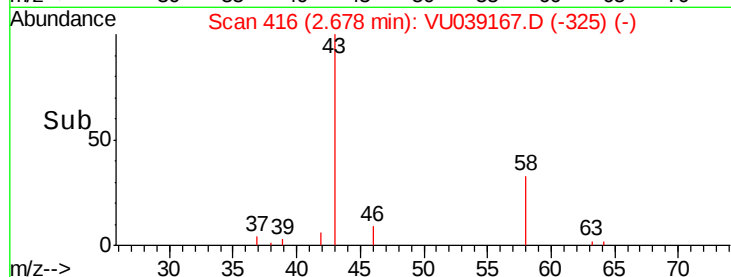
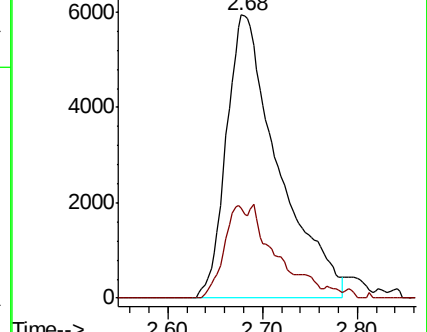
43 100

58 14.5 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039167.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU039167.D (-325) (-)



#21

2-Butanone

Concen: 1.434 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU039167.D

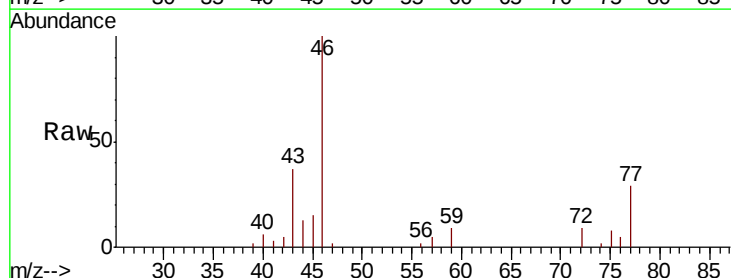
Acq: 26 Jun 2020 16:12

Tgt Ion: 43 Resp: 8557

Ion Ratio Lower Upper

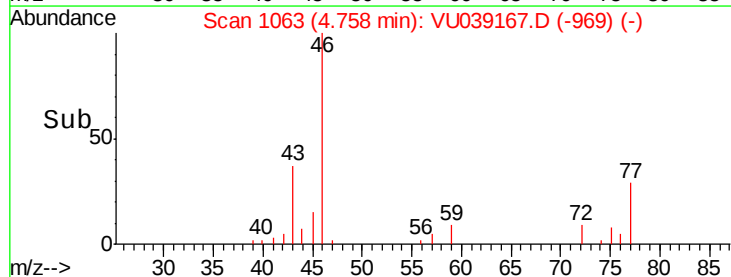
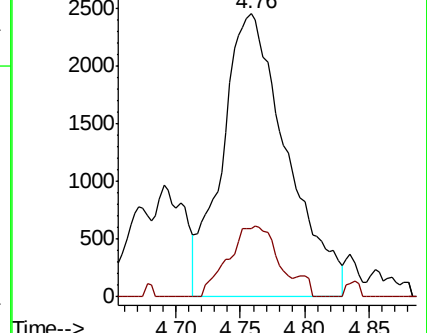
43 100

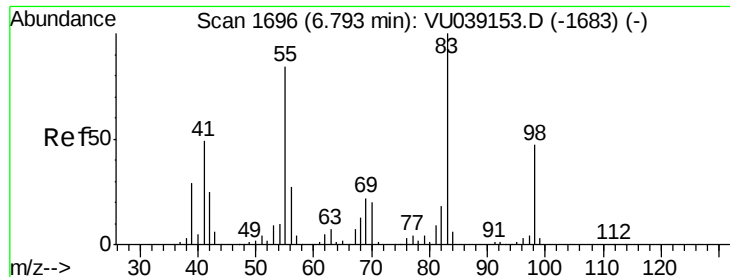
72 18.6 13.1 39.3



Abundance Ion 43.05 (42.75 to 43.75): VU039167.D (-969) (-)

Ion 72.10 (71.80 to 72.80): VU039167.D (-969) (-)

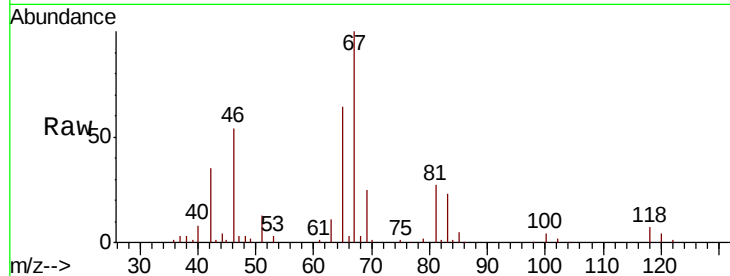




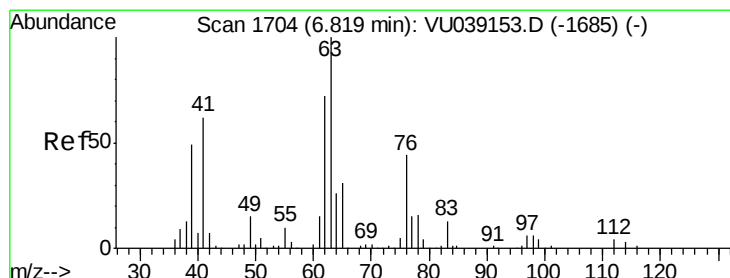
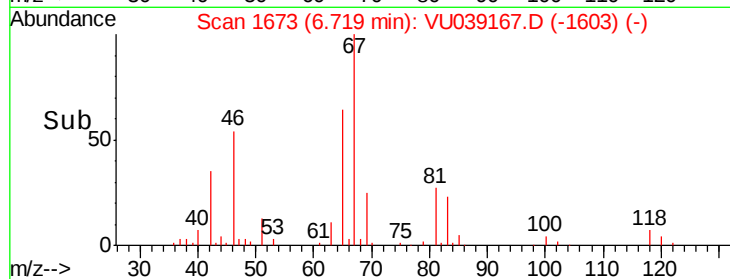
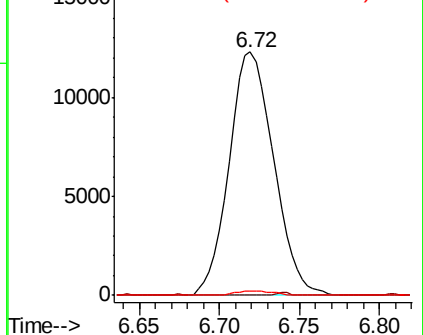
#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039167.D
Acq: 26 Jun 2020 16:12

Instrument :
MSVOA_U
ClientSampleId :
F9F47

Tot Ion: 83 Resp: 23391
Ion Ratio Lower Upper
83 100
55 0.3 65.5 98.3#
98 1.5 36.5 54.7#

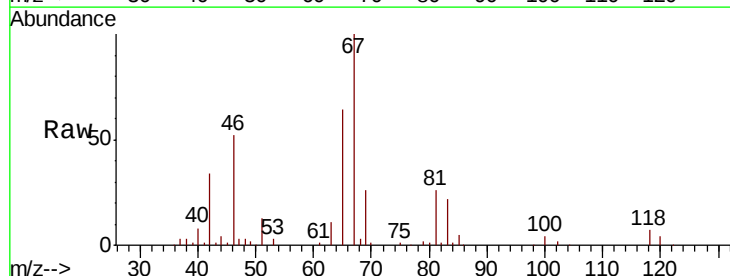


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

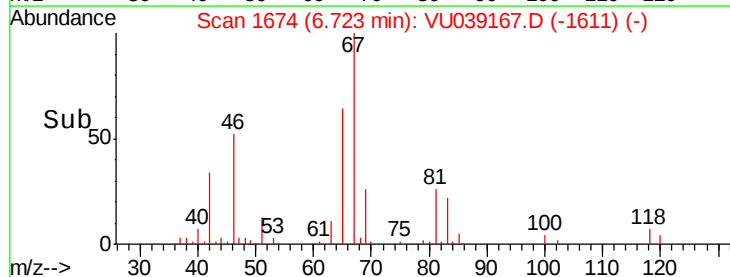
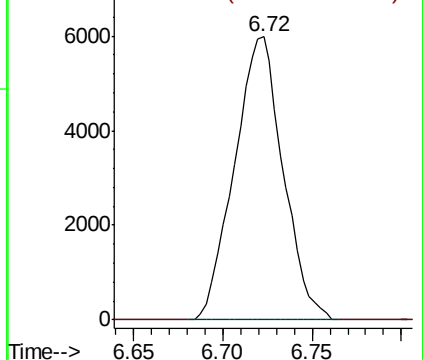


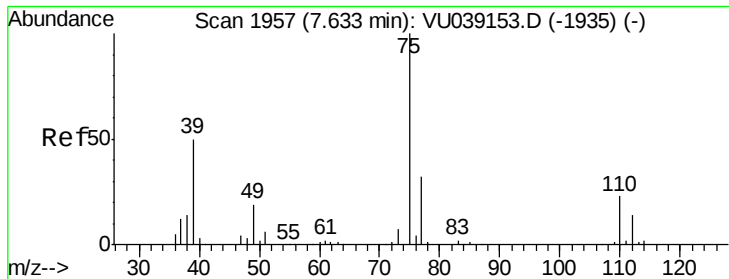
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039167.D
Acq: 26 Jun 2020 16:12

Tgt Ion: 63 Resp: 11382
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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



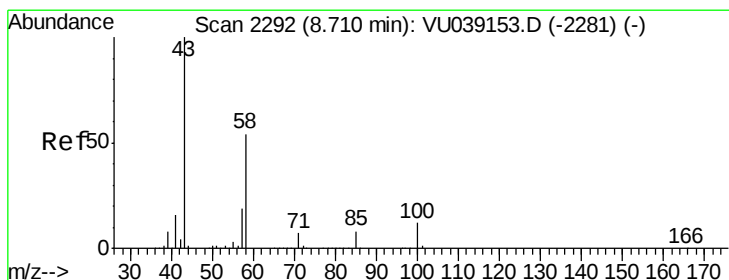
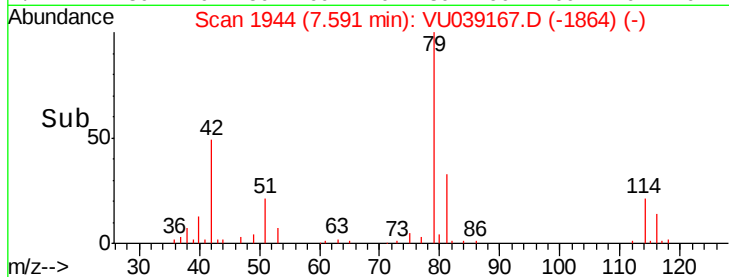
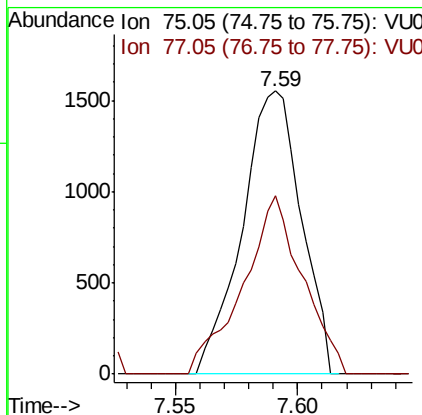
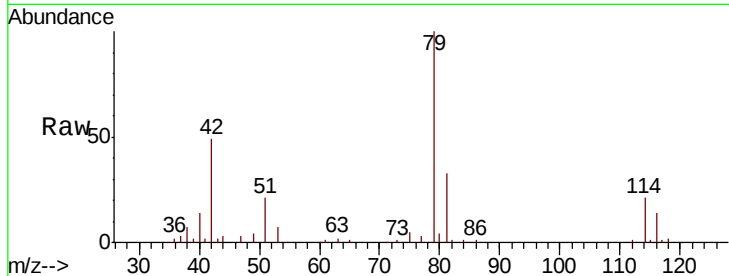


#39

cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039167.D
 Acq: 26 Jun 2020 16:12

Instrument :
 MSVOA_U
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 F9F47

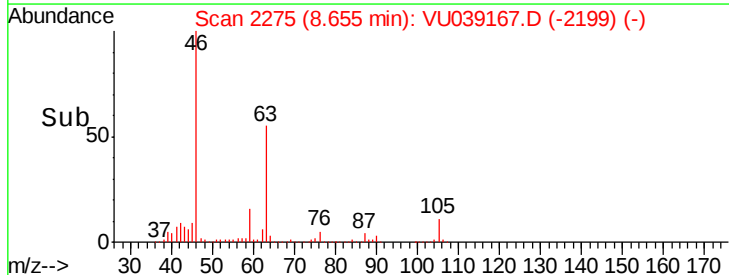
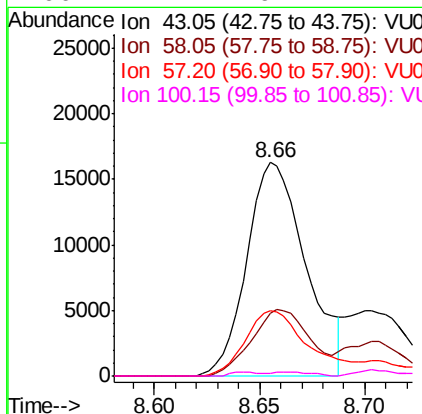
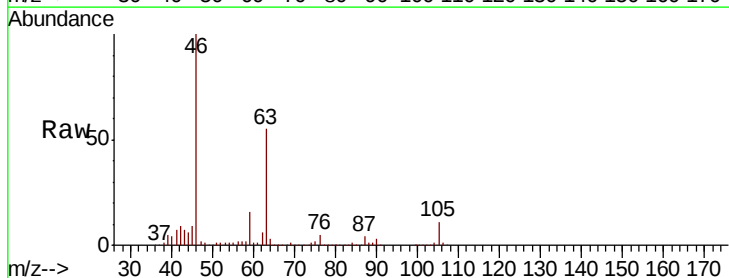
Tot Ion: 75 Resp: 2609
 Ion Ratio Lower Upper
 75 100
 77 63.2 21.6 40.0#

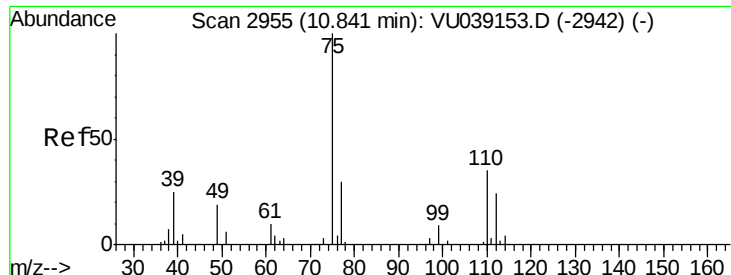


#48

2-Hexanone
 Concen: 3.042 ug/L
 RT: 8.66 min Scan# 2275
 Delta R.T. -0.05 min
 Lab File: VU039167.D
 Acq: 26 Jun 2020 16:12

Tgt Ion: 43 Resp: 31685
 Ion Ratio Lower Upper
 43 100
 58 30.7 44.0 66.0#
 57 32.9 15.0 22.6#
 100 1.2 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.989 ug/L

RT: 11.82 min Scan# 3259

Delta R.T. 0.98 min

Lab File: VU039167.D

Acq: 26 Jun 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

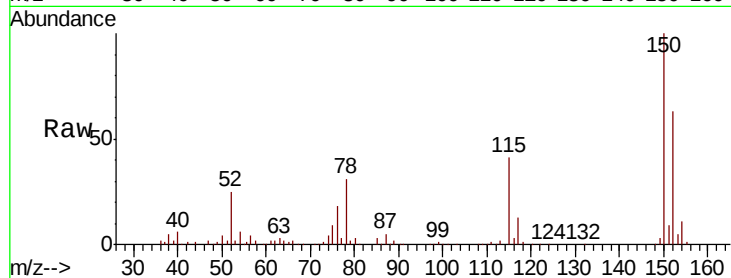
F9F47

Tot Ion: 75 Resp: 14201

Ion Ratio Lower Upper

75 100

77 36.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

