

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039194.D
 Acq On : 29 Jun 2020 16:23
 Operator : SY/MD
 Sample : L3104-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q47

Quant Time: Jun 30 01:39:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 01:35:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	246331	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	230351	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	101623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	59302	2.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.60%
7) Chloroethane-d5	1.93	69	60571	3.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.80%
11) 1,1-Dichloroethene-d2	2.59	63	98653	2.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.80%#
20) 2-Butanone-d5	4.68	46	315024	45.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.24%
24) Chloroform-d	5.10	84	150113	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.60%
26) 1,2-Dichloroethane-d4	5.74	65	96694	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
32) Benzene-d6	5.76	84	283183	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.72	67	95037	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.92	98	214783	3.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.20%#
43) trans-1,3-Dichloropropene-	8.20	79	30805	2.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.80%
46) 2-Hexanone-d5	8.65	63	224121	46.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84477	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	93512	4.38	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.60%

Target Compounds

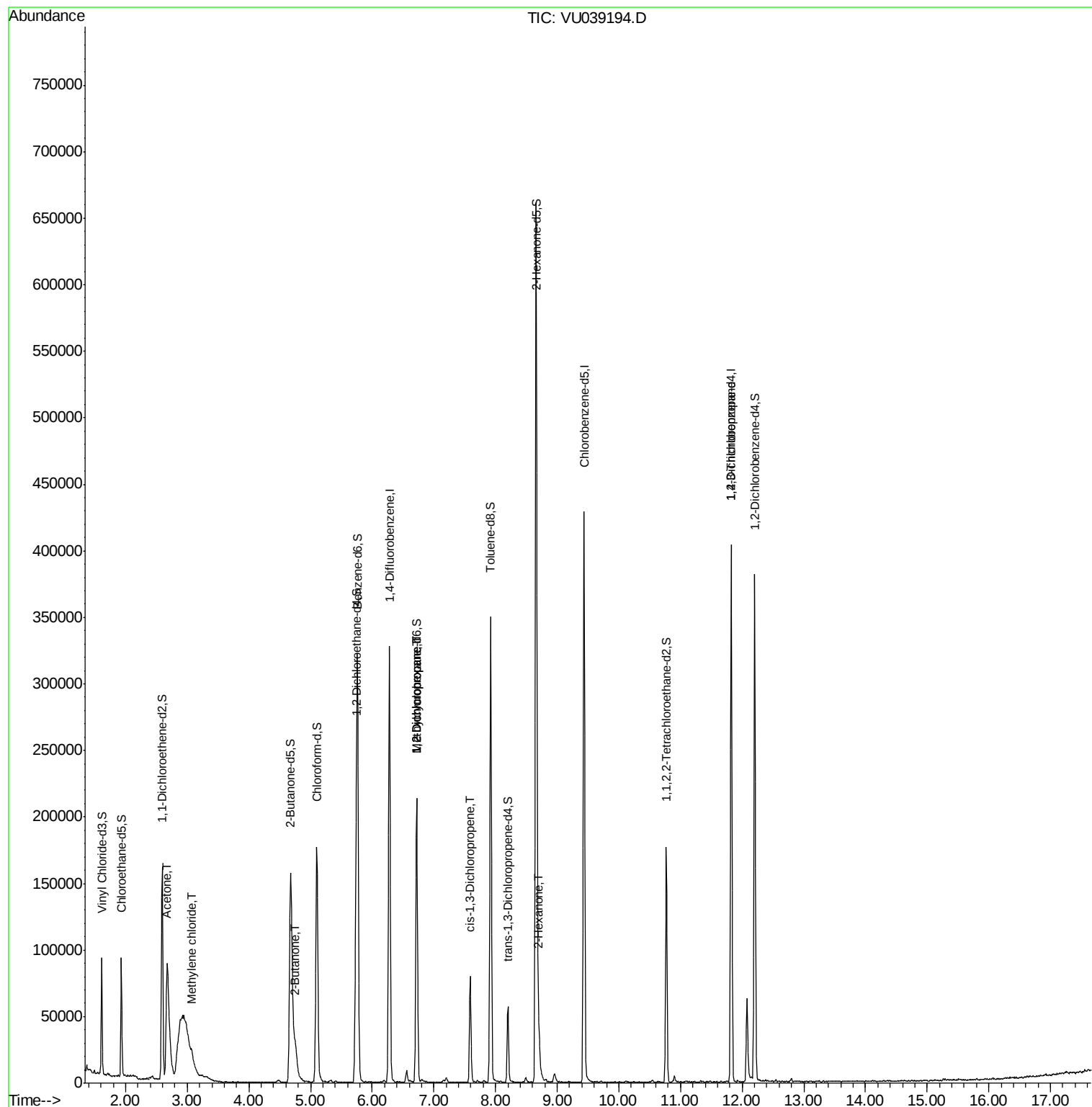
					Ovalue
13) Acetone	2.67	43	212040	50.086	ug/L 98
16) Methylene chloride	3.08	84	1680	0.077	ug/L 89
21) 2-Butanone	4.76	43	40040	5.956	ug/L 90
35) Methylcyclohexane	6.72	83	23167	0.819	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	11405	0.579	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2018	0.071	ug/L # 52
48) 2-Hexanone	8.70	43	11240	1.035	ug/L 98
59) 1,2,3-Trichloropropane	11.83	75	13777	0.929	ug/L 91

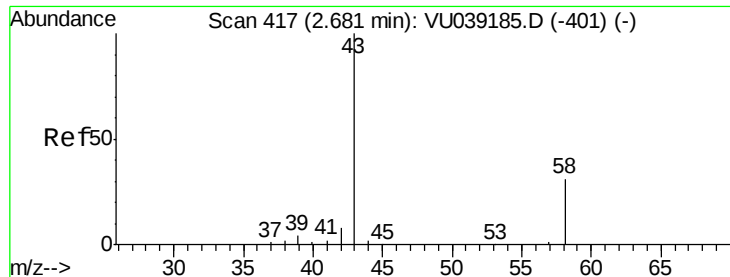
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 50.086 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU039194.D

Acq: 29 Jun 2020 16:23

Instrument :

MSVOA_U

ClientSampleId :

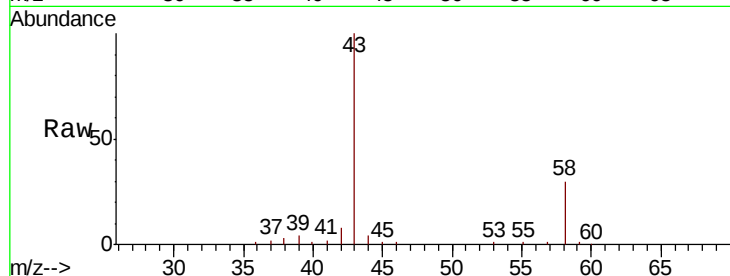
F9Q47

Tot Ion: 43 Resp: 212040

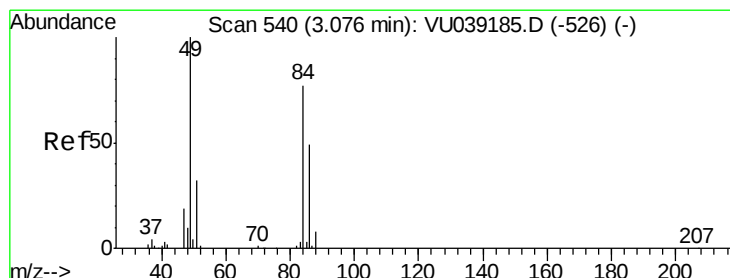
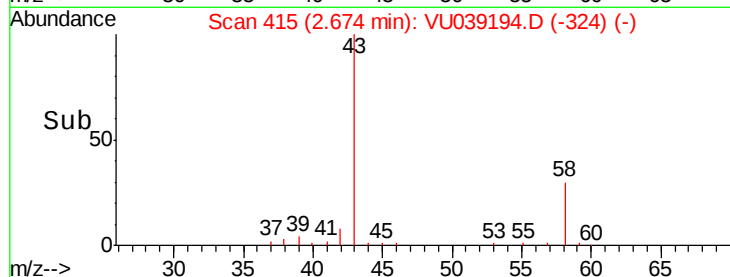
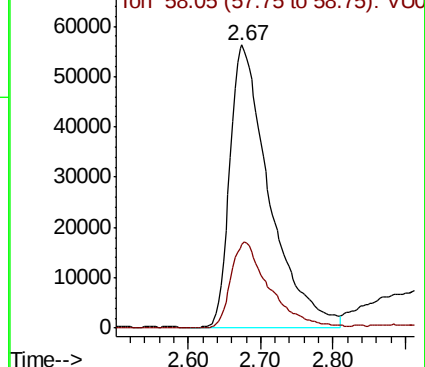
Ion Ratio Lower Upper

43 100

58 30.4 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039185.D (-401) (-)



#16

Methylene chloride

Concen: 0.077 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU039194.D

Acq: 29 Jun 2020 16:23

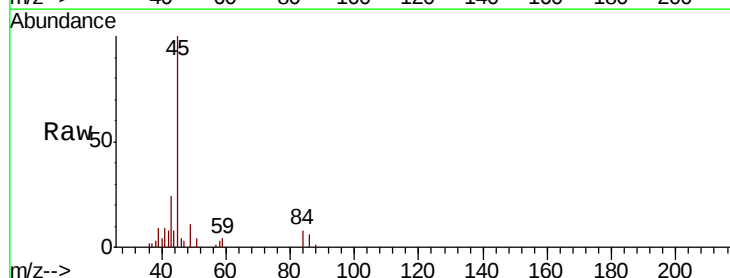
Tgt Ion: 84 Resp: 1680

Ion Ratio Lower Upper

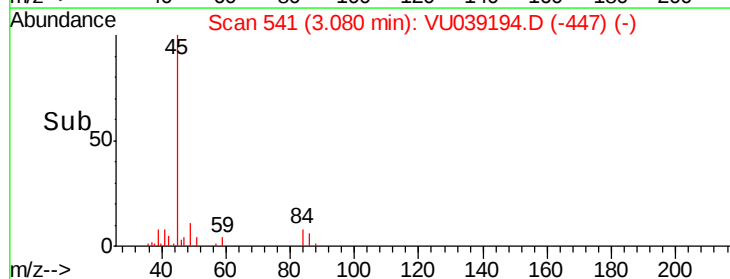
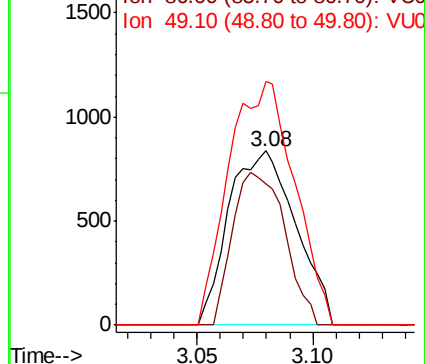
84 100

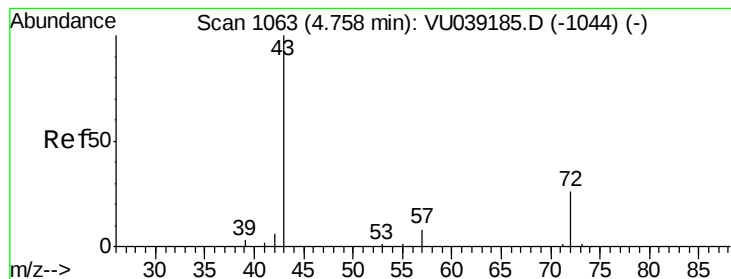
86 80.9 44.2 82.2

49 140.0 93.2 173.0



Abundance Ion 84.05 (83.75 to 84.75): VU039185.D (-526) (-)





#21

2-Butanone

Concen: 5.956 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VU039194.D

Acq: 29 Jun 2020 16:23

Instrument :

MSVOA_U

ClientSampleId :

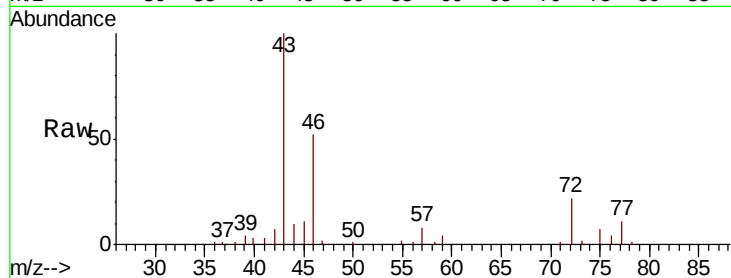
F9Q47

Tot Ion: 43 Resp: 40040

Ion Ratio Lower Upper

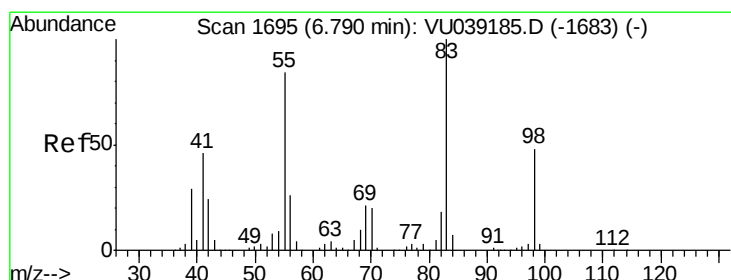
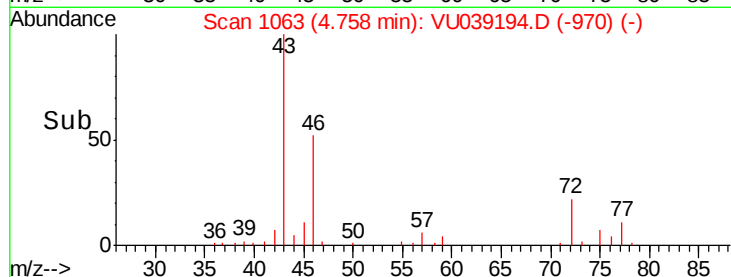
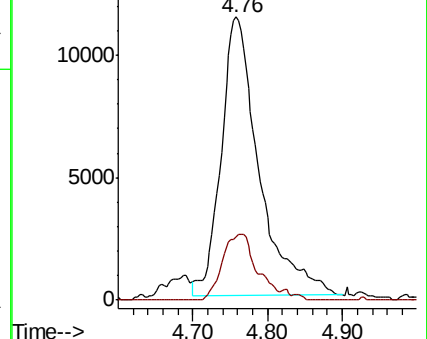
43 100

72 21.4 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VU039185.D (-1044) (-)

Ion 72.10 (71.80 to 72.80): VU039185.D (-1044) (-)



#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039194.D

Acq: 29 Jun 2020 16:23

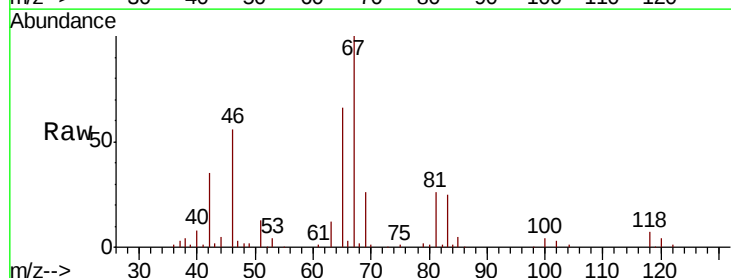
Tgt Ion: 83 Resp: 23167

Ion Ratio Lower Upper

83 100

55 0.7 65.5 98.3#

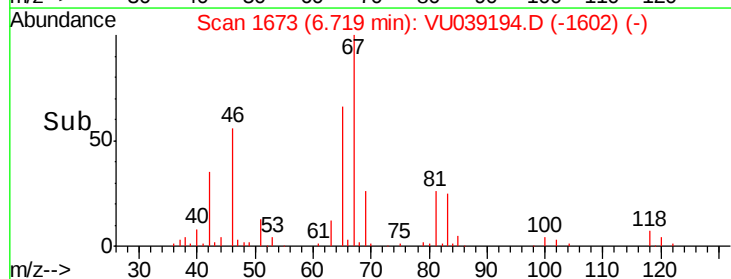
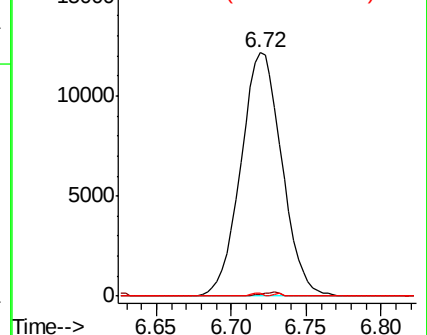
98 0.3 38.2 57.4#

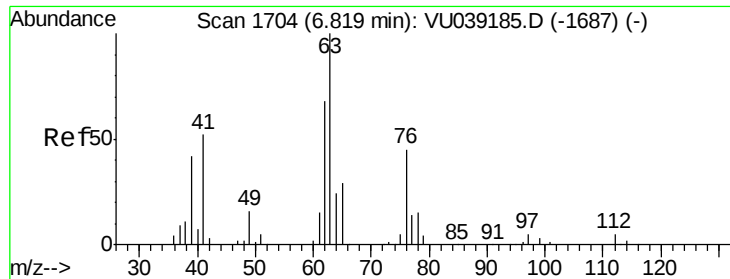


Abundance Ion 83.15 (82.85 to 83.85): VU039185.D (-1683) (-)

Ion 55.10 (54.80 to 55.80): VU039185.D (-1683) (-)

Ion 98.15 (97.85 to 98.85): VU039185.D (-1683) (-)

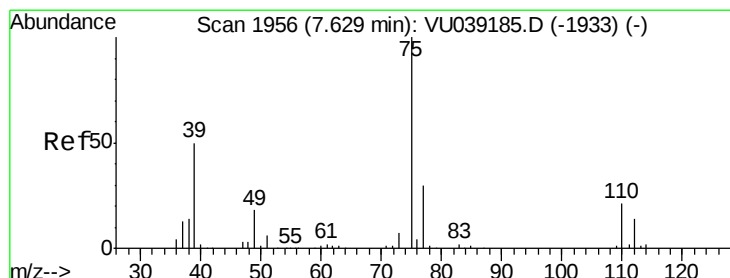
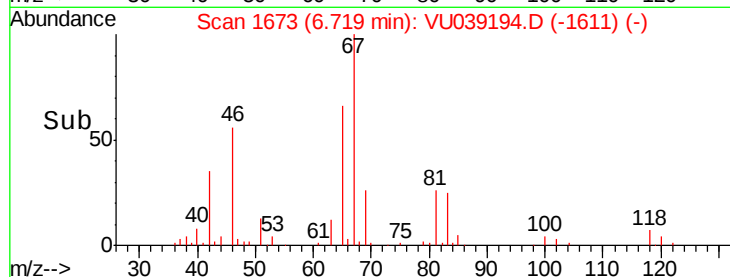
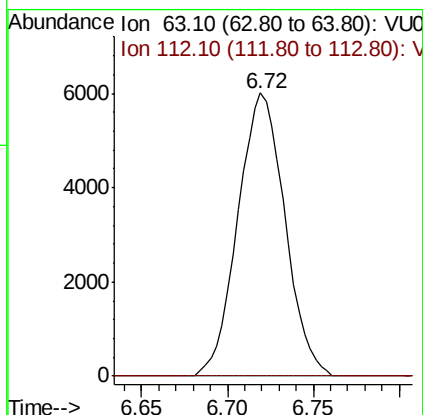
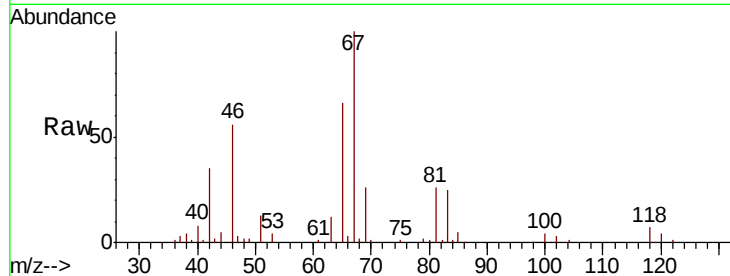




#37
 1,2-Dichloropropane
 Concen: 0.579 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039194.D
 Acq: 29 Jun 2020 16:23

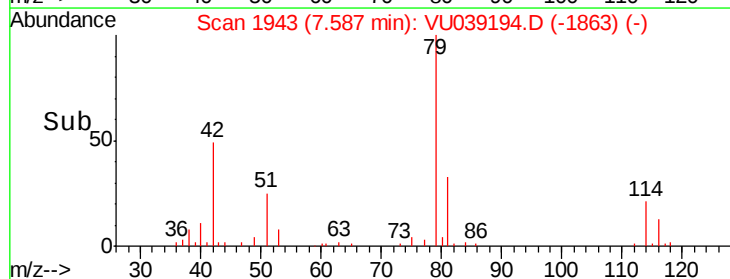
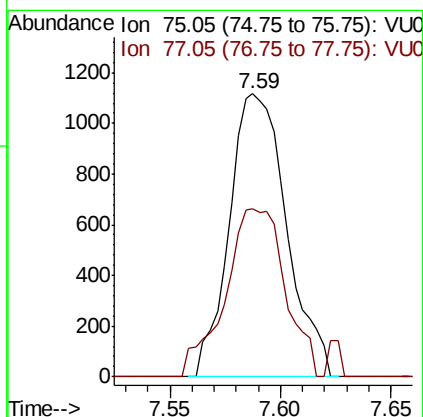
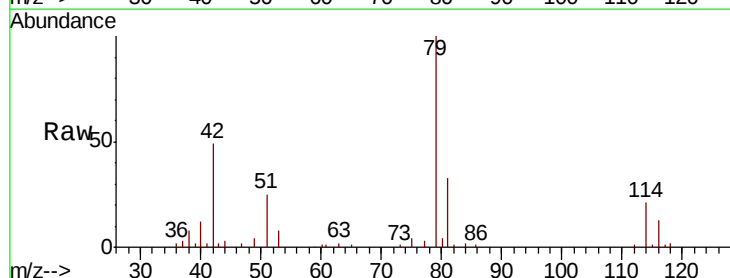
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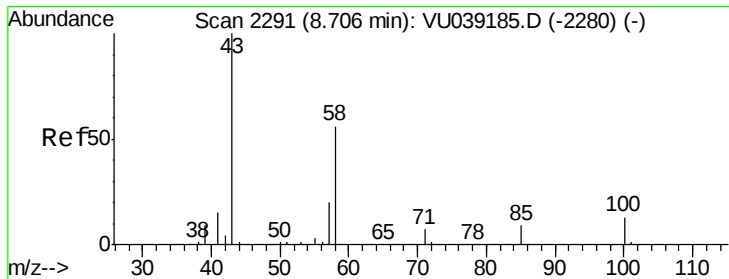
Tot Ion: 63 Resp: 11405
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU039194.D
 Acq: 29 Jun 2020 16:23

Tgt Ion: 75 Resp: 2018
 Ion Ratio Lower Upper
 75 100
 77 59.4 22.7 42.1#

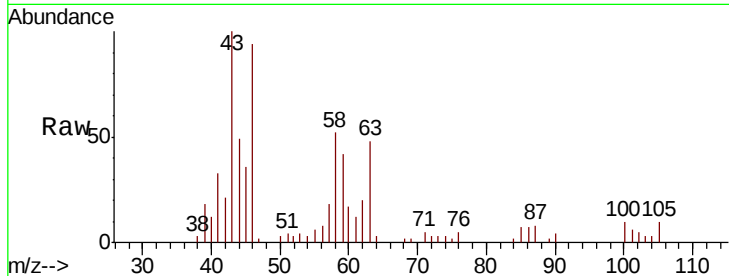




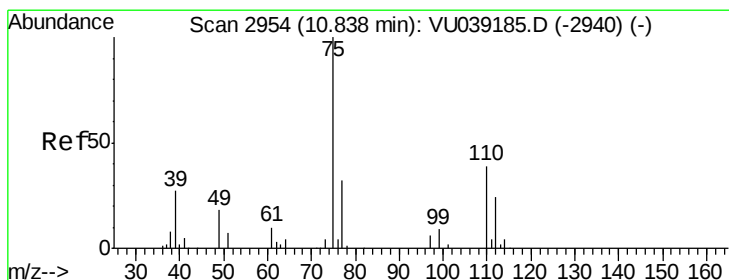
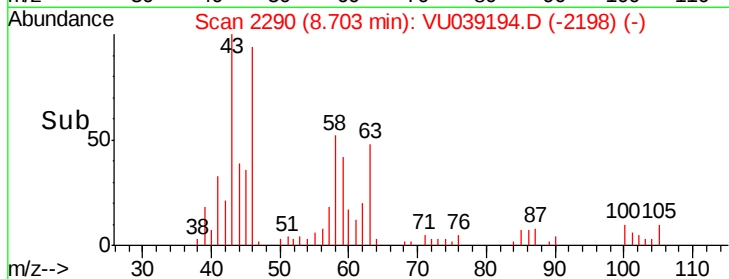
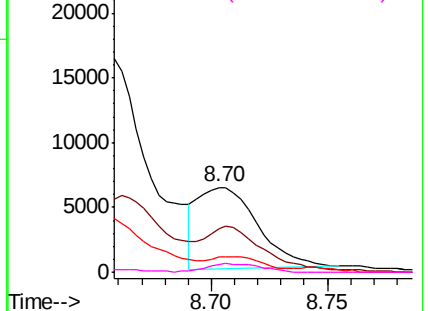
#48
2-Hexanone
Concen: 1.035 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039194.D
Acq: 29 Jun 2020 16:23

Instrument :
MSVOA_U
ClientSampleId :
F9Q47

Tot Ion: 43 Resp: 11240
Ion Ratio Lower Upper
43 100
58 55.8 43.6 65.4
57 18.3 15.6 23.4
100 9.8 9.4 14.2

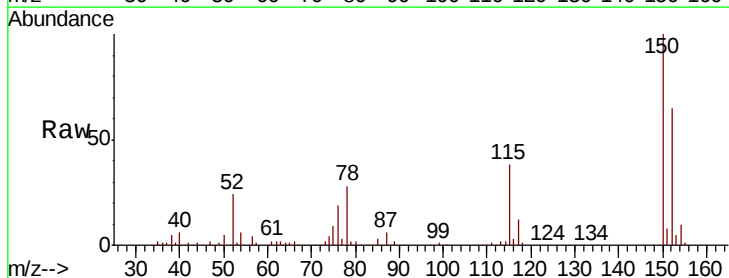


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.929 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.99 min
Lab File: VU039194.D
Acq: 29 Jun 2020 16:23

Tgt Ion: 75 Resp: 13777
Ion Ratio Lower Upper
75 100
77 37.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

