

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062920\
 Data File : VU039218.D
 Acq On : 30 Jun 2020 04:24
 Operator : SY/MD
 Sample : L3116-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q16

Quant Time: Jun 30 06:56:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	206335	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	216123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	89603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	52922	2.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.00%
7) Chloroethane-d5	1.93	69	55221	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.59	63	89637	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	4.67	46	274133	47.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.78%
24) Chloroform-d	5.10	84	145628	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.74	65	91440	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	5.76	84	261262	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
36) 1,2-Dichloropropane-d6	6.72	67	88001	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.92	98	198472	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
43) trans-1,3-Dichloropropene-	8.20	79	26818	2.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.60%#
46) 2-Hexanone-d5	8.65	63	193519	42.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	78649	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	83917	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

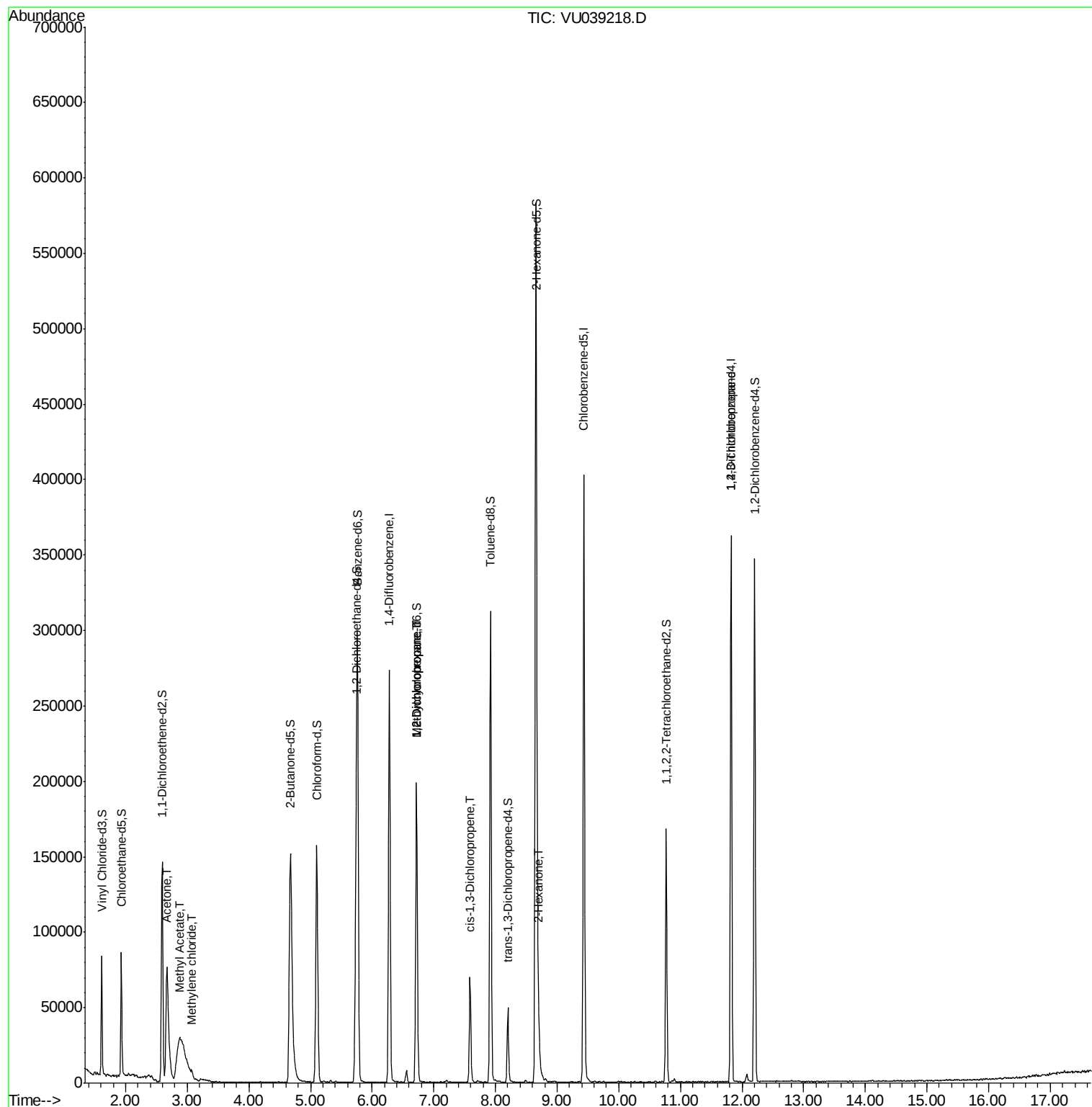
					Ovalue
13) Acetone	2.67	43	148384	41.844	ug/L 100
15) Methyl Acetate	2.87	43	8818	0.995	ug/L # 54
16) Methylene chloride	3.08	84	1690	0.093	ug/L 83
35) Methylcyclohexane	6.72	83	20467	0.771	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	10527	0.570	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2179	0.082	ug/L # 76
48) 2-Hexanone	8.70	43	15390	1.510	ug/L # 85
59) 1,2,3-Trichloropropane	11.82	75	11783	0.847	ug/L # 87

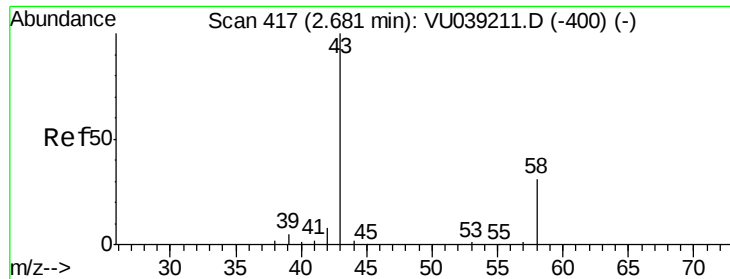
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 30 06:54:35 2020
Response via : Initial Calibration





#13

Acetone

Concen: 41.844 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039218.D

Acq: 30 Jun 2020 04:24

Instrument :

MSVOA_U

ClientSampleId :

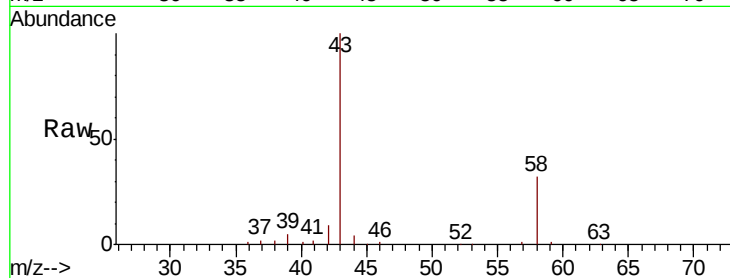
F9Q16

Tot Ion: 43 Resp: 148384

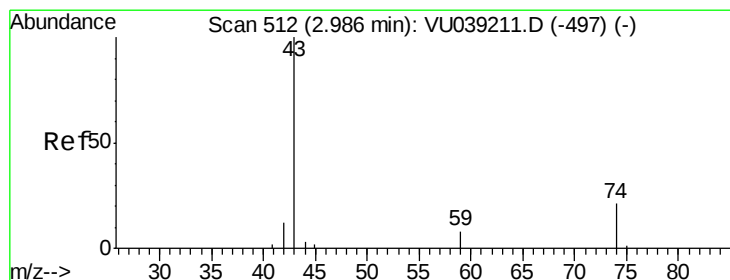
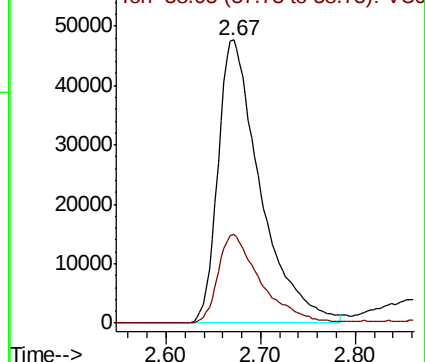
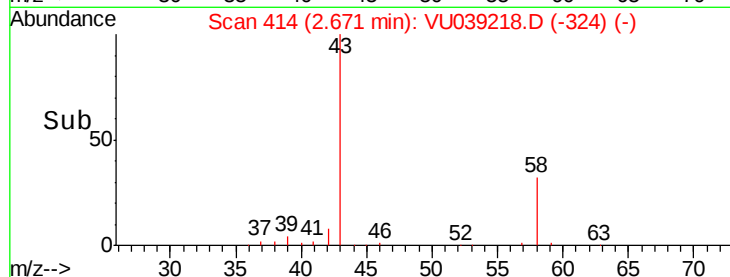
Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039218.D (-324) (-)



#15

Methyl Acetate

Concen: 0.995 ug/L

RT: 2.87 min Scan# 476

Delta R.T. -0.12 min

Lab File: VU039218.D

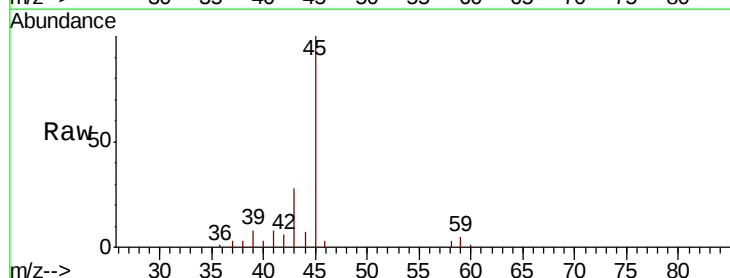
Acq: 30 Jun 2020 04:24

Tgt Ion: 43 Resp: 8818

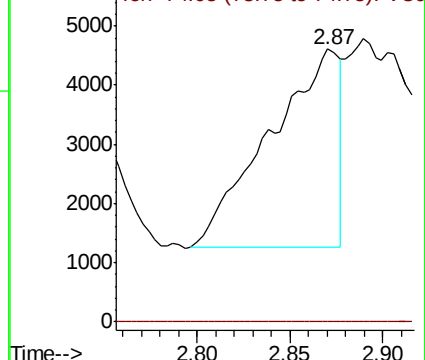
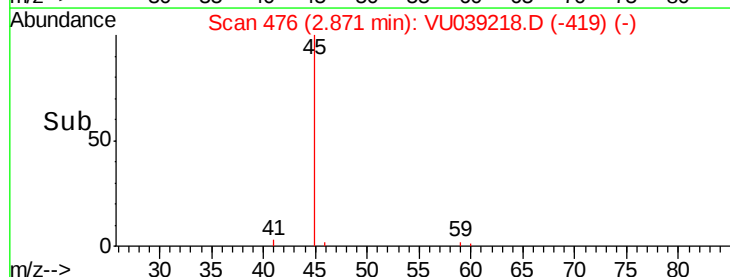
Ion Ratio Lower Upper

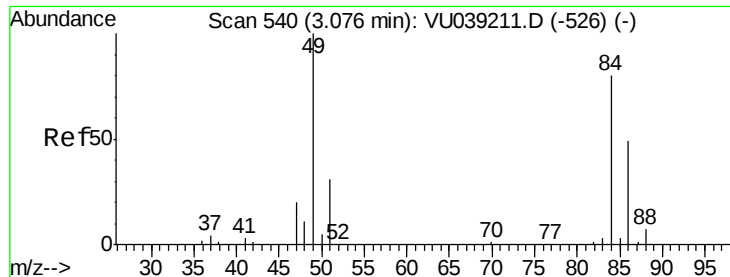
43 100

74 0.0 17.8 26.6#



Abundance Ion 43.05 (42.75 to 43.75): VU039218.D (-419) (-)

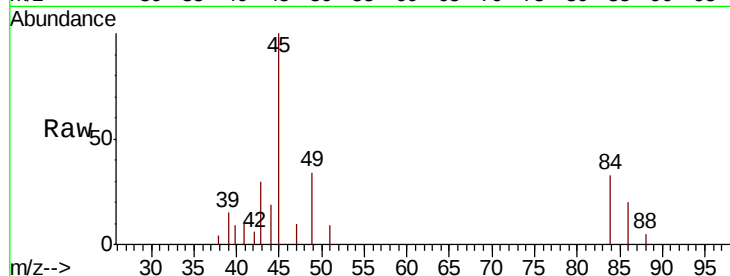




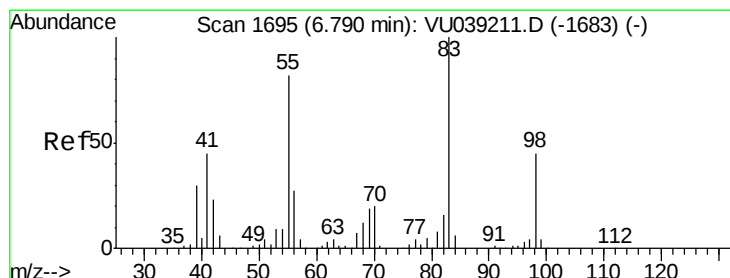
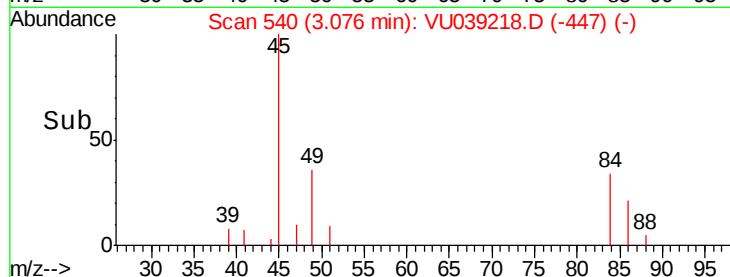
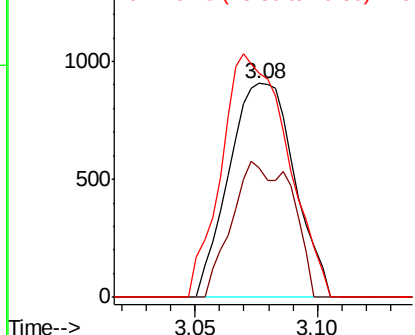
#16
Methvlene chloride
Concen: 0.093 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU039218.D
Acq: 30 Jun 2020 04:24

Instrument :
MSVOA_U
ClientSampled :
F9Q16

Tot Ion: 84 Resp: 1690
Ion Ratio Lower Upper
84 100
86 60.7 44.2 82.2
49 105.0 93.2 173.0

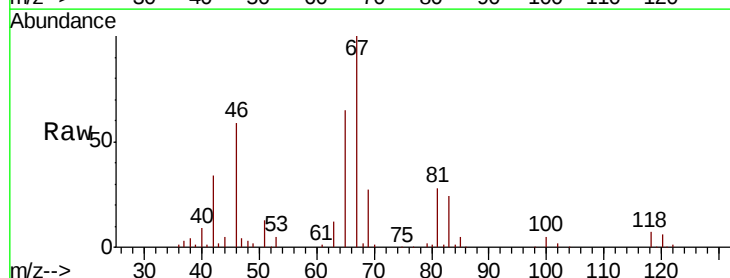


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

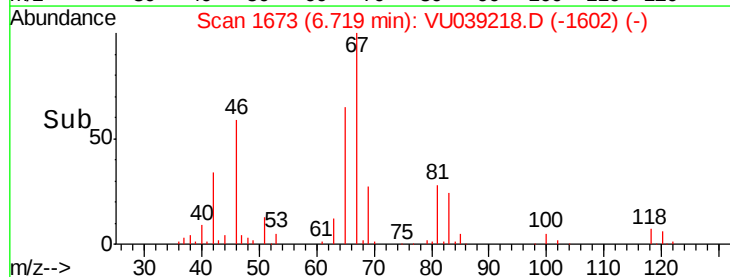
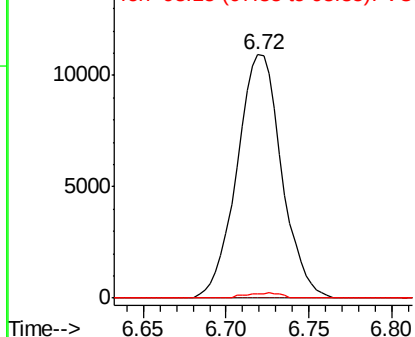


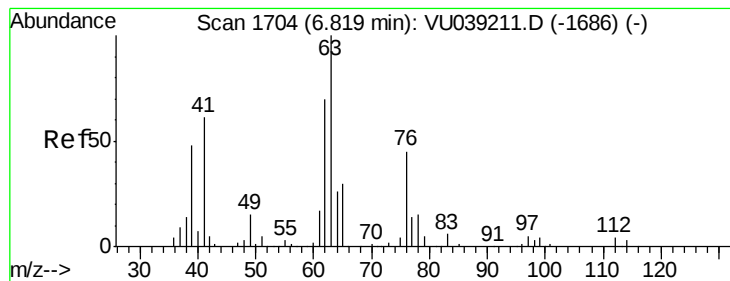
#35
Methylcyclohexane
Concen: 0.771 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039218.D
Acq: 30 Jun 2020 04:24

Tgt Ion: 83 Resp: 20467
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.6 38.2 57.4#



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: 0.570 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039218.D

Acq: 30 Jun 2020 04:24

Instrument :

MSVOA_U

ClientSampleId :

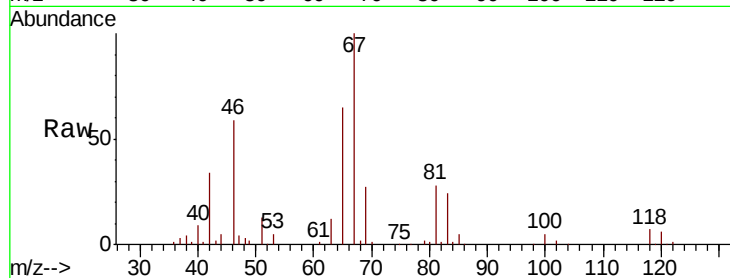
F9Q16

Tot Ion: 63 Resp: 10527

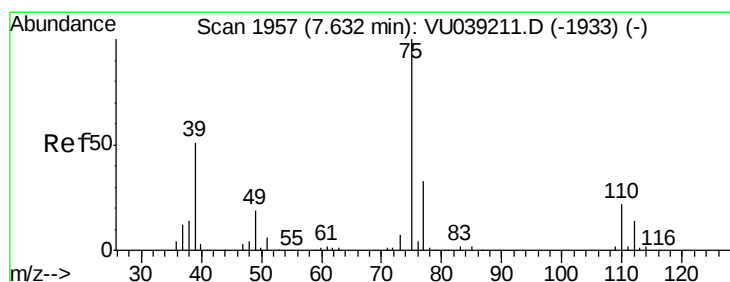
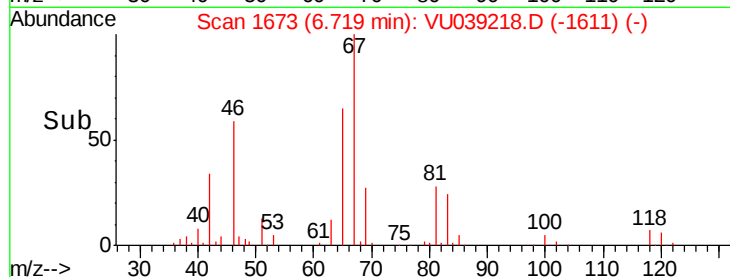
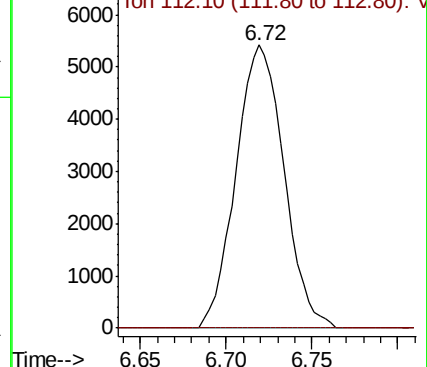
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039218.D (-1611) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU039218.D

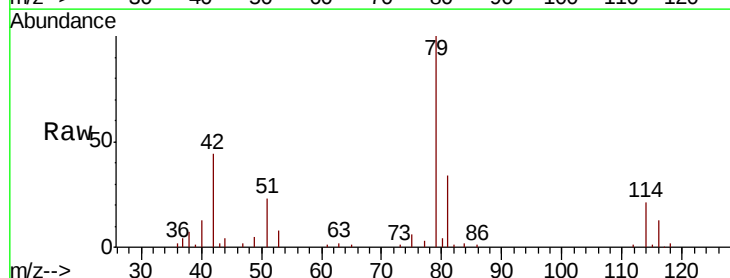
Acq: 30 Jun 2020 04:24

Tgt Ion: 75 Resp: 2179

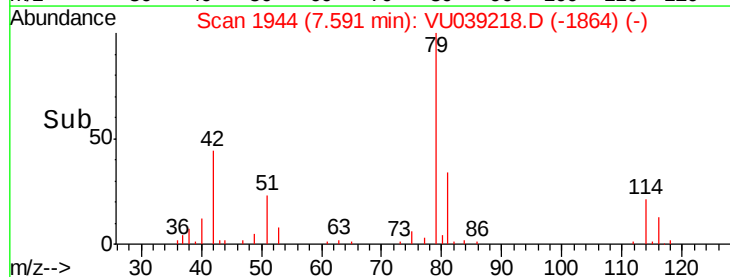
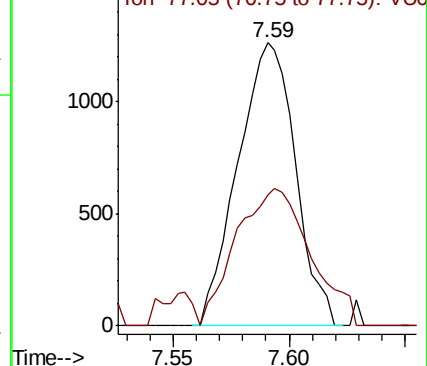
Ion Ratio Lower Upper

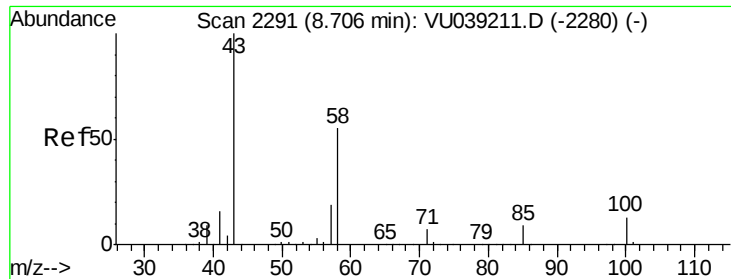
75 100

77 46.1 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU039218.D (-1864) (-)

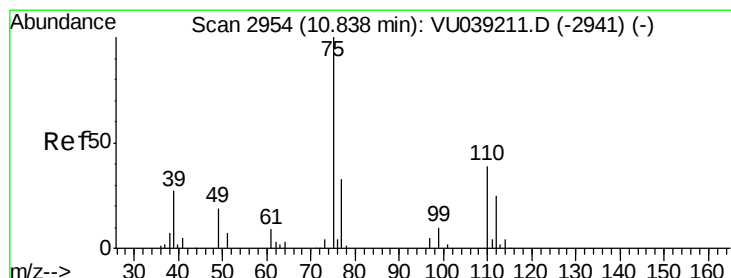
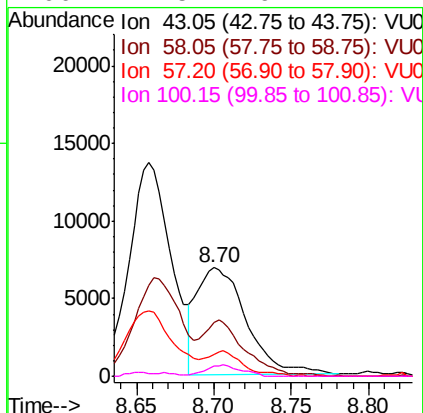
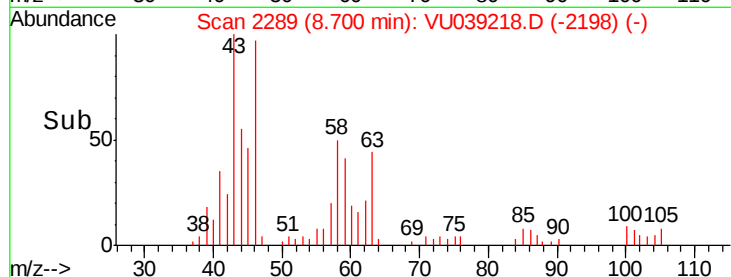
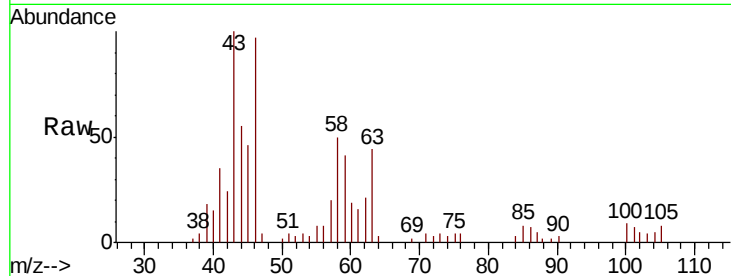




#48
2-Hexanone
Concen: 1.510 ug/L
RT: 8.70 min Scan# 2289
Delta R.T. -0.01 min
Lab File: VU039218.D
Acq: 30 Jun 2020 04:24

Instrument :
MSVOA_U
ClientSampleId :
F9Q16

Tot Ion: 43 Resp: 15390
Ion Ratio Lower Upper
43 100
58 40.8 43.6 65.4#
57 17.4 15.6 23.4
100 7.5 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.847 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039218.D
Acq: 30 Jun 2020 04:24

Tgt Ion: 75 Resp: 11783
Ion Ratio Lower Upper
75 100
77 39.1 25.6 38.4#

