

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039202.D
 Acq On : 29 Jun 2020 19:26
 Operator : SY/MD
 Sample : L3104-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q76

Quant Time: Jun 30 01:40:19 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	210619	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	213652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	91636	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	56848	2.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.00%
7) Chloroethane-d5	1.93	69	57879	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.59	63	94316	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	4.67	46	292946	49.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.22%
24) Chloroform-d	5.10	84	144830	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.74	65	93268	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.76	84	268160	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
36) 1,2-Dichloropropane-d6	6.72	67	90894	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.92	98	203880	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	8.20	79	29586	2.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.80%
46) 2-Hexanone-d5	8.65	63	205523	45.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	82916	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	89069	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

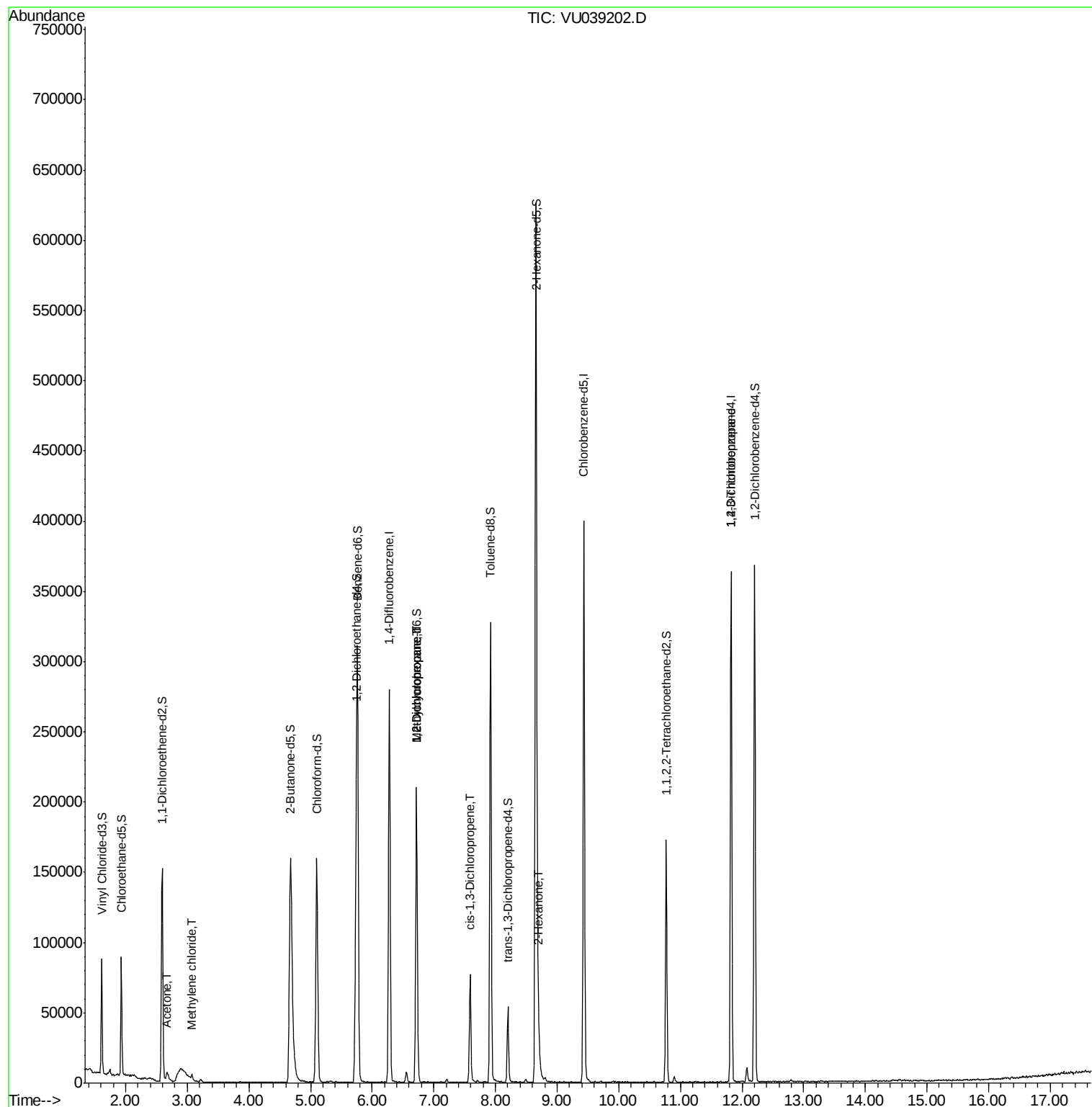
					Ovalue
13) Acetone	2.67	43	12719	3.514	ug/L 62
16) Methylene chloride	3.07	84	1573	0.085	ug/L 93
35) Methylcyclohexane	6.72	83	21199	0.808	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	11040	0.604	ug/L # 87
39) cis-1,3-Dichloropropene	7.59	75	2245	0.086	ug/L # 74
48) 2-Hexanone	8.70	43	12623	1.253	ug/L # 89
59) 1,2,3-Trichloropropane	11.83	75	12135	0.883	ug/L # 84

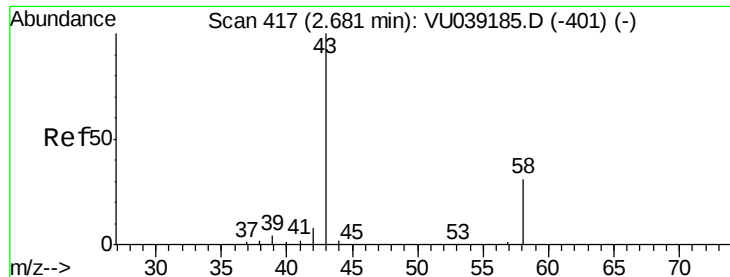
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 30 01:35:59 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.514 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039202.D

Acq: 29 Jun 2020 19:26

Instrument :

MSVOA_U

ClientSampleId :

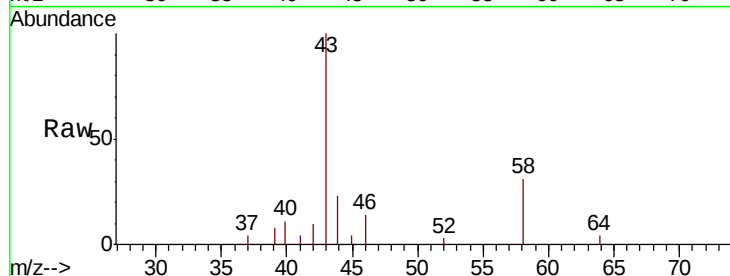
F9Q76

Tot Ion: 43 Resp: 12719

Ion Ratio Lower Upper

43 100

58 10.7 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039202.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU039202.D (-324) (-)

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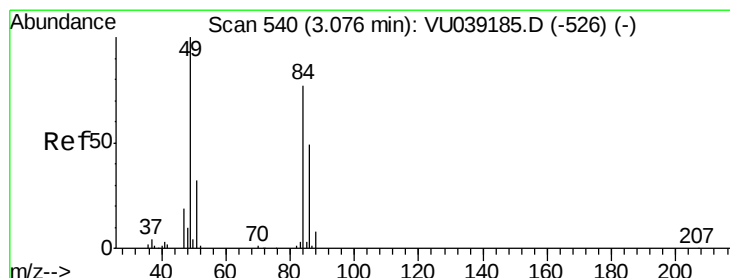
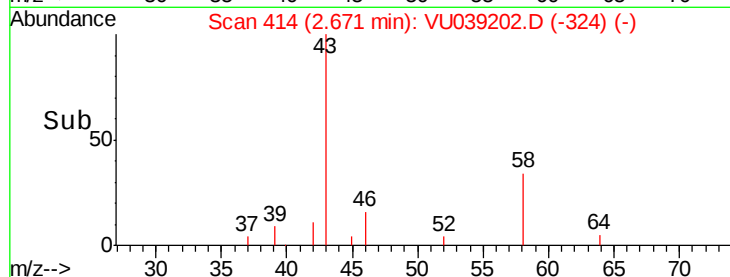
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#16

Methylene chloride

Concen: 0.085 ug/L

RT: 3.07 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU039202.D

Acq: 29 Jun 2020 19:26

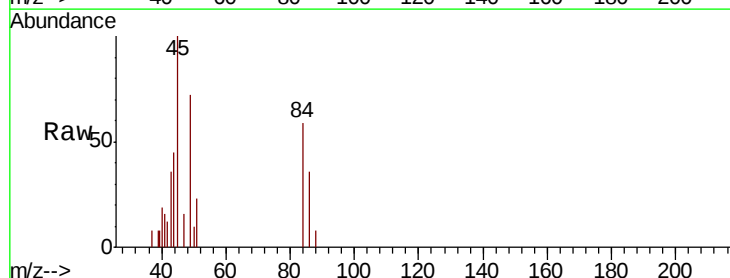
Tgt Ion: 84 Resp: 1573

Ion Ratio Lower Upper

84 100

86 60.8 44.2 82.2

49 122.2 93.2 173.0



Abundance Ion 84.05 (83.75 to 84.75): VU039202.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU039202.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU039202.D (-447) (-)

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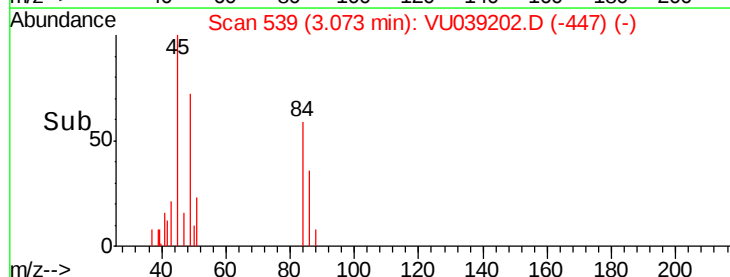
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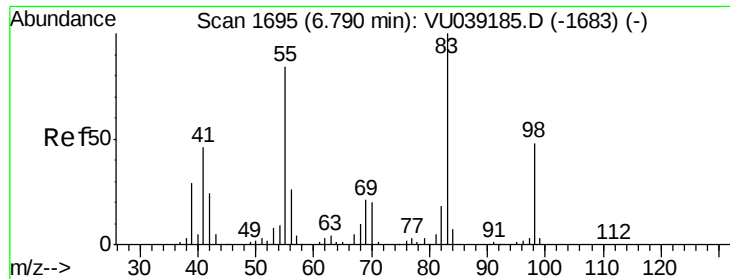
3.07

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#35

Methylcyclohexane

Concen: 0.808 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039202.D

Acq: 29 Jun 2020 19:26

Instrument :

MSVOA_U

ClientSampleId :

F9Q76

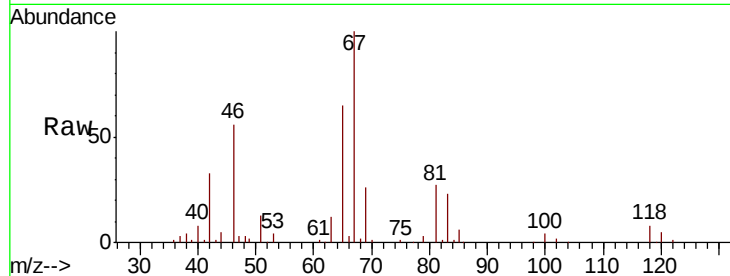
Tot Ion: 83 Resp: 21199

Ion Ratio Lower Upper

83 100

55 0.0 65.5 98.3#

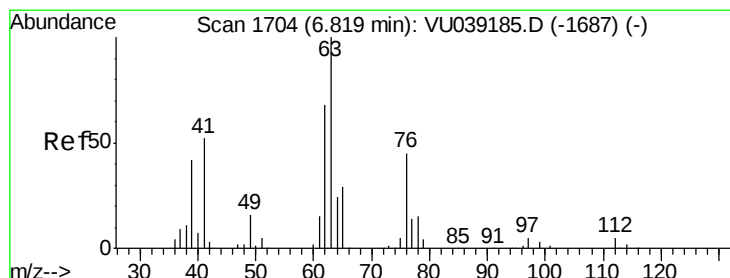
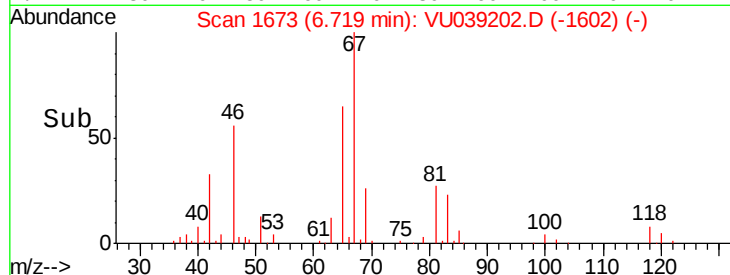
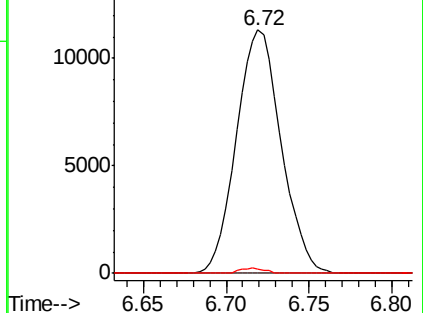
98 1.2 38.2 57.4#



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: 0.604 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039202.D

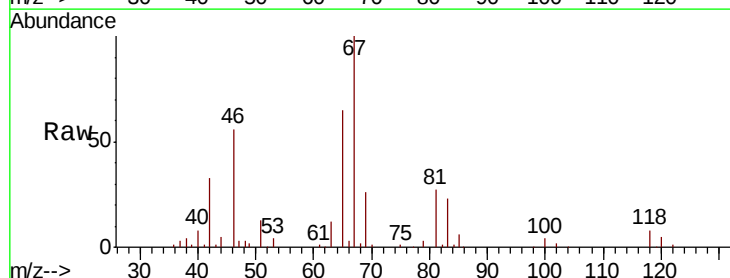
Acq: 29 Jun 2020 19:26

Tgt Ion: 63 Resp: 11040

Ion Ratio Lower Upper

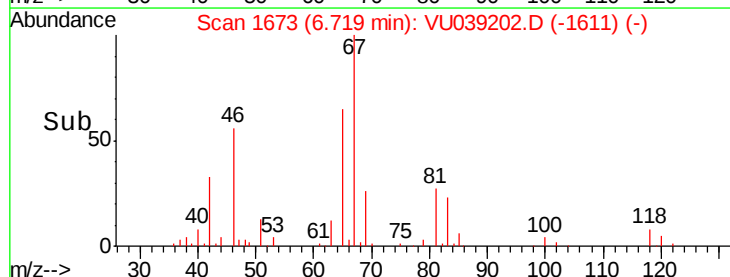
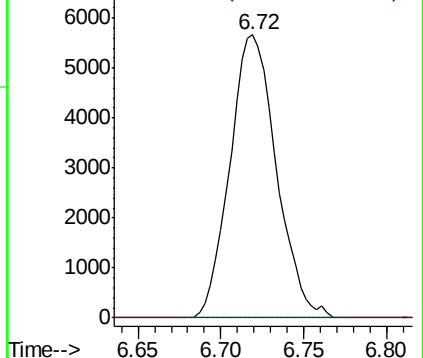
63 100

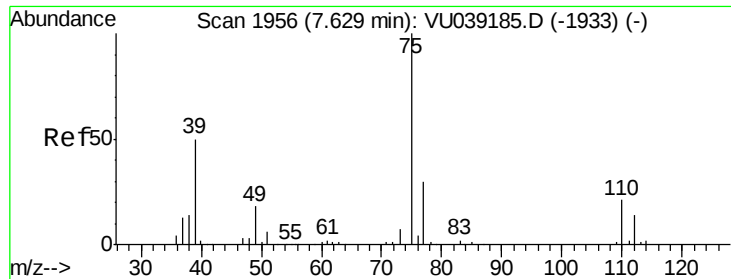
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

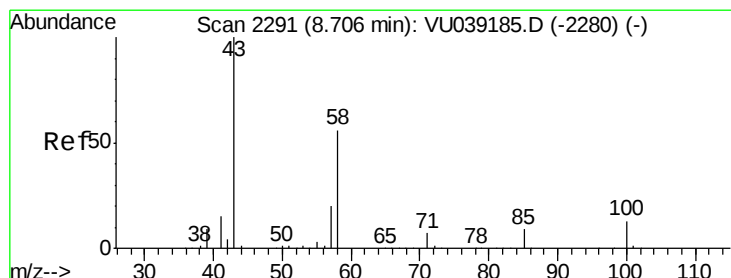
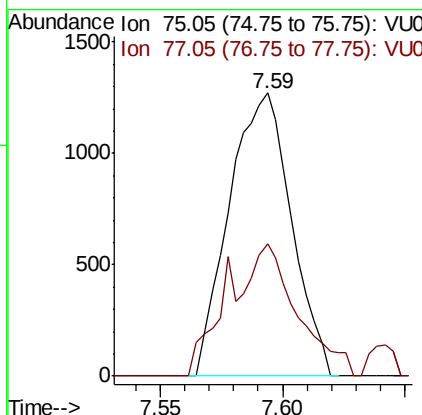
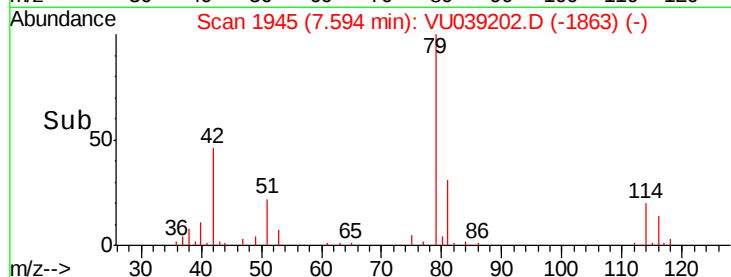
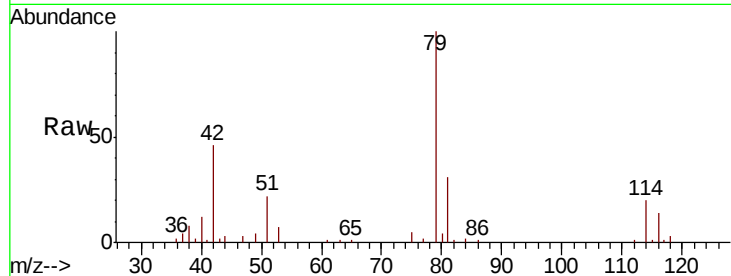




#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU039202.D
 Acq: 29 Jun 2020 19:26

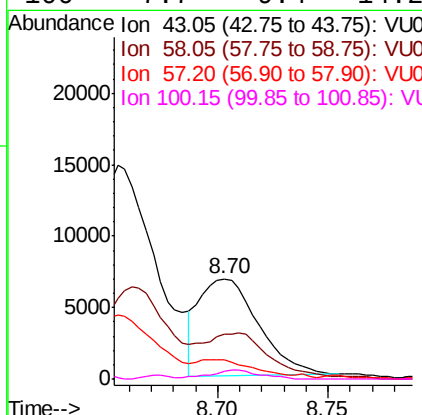
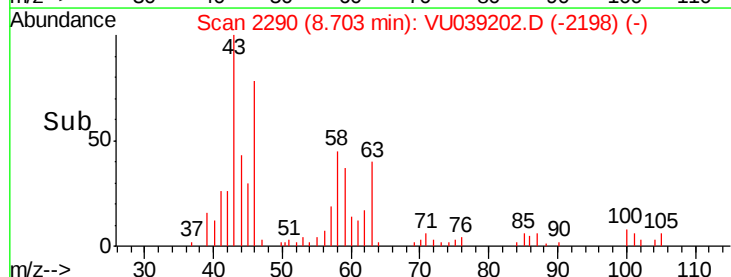
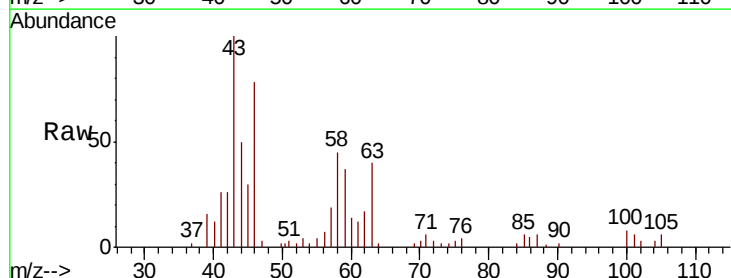
Instrument :
 MSVOA_U
 ClientSampleID :
 F9Q76

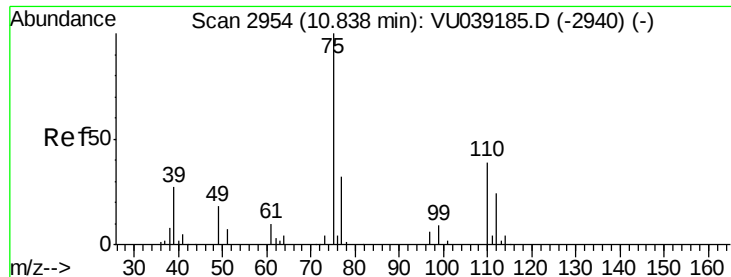
Tot Ion: 75 Resp: 2245
 Ion Ratio Lower Upper
 75 100
 77 46.9 22.7 42.1#



#48
 2-Hexanone
 Concen: 1.253 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU039202.D
 Acq: 29 Jun 2020 19:26

Tgt Ion: 43 Resp: 12623
 Ion Ratio Lower Upper
 43 100
 58 44.0 43.6 65.4
 57 18.0 15.6 23.4
 100 7.7 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.883 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.99 min

Lab File: VU039202.D

Acq: 29 Jun 2020 19:26

Instrument :

MSVOA_U

ClientSampleId :

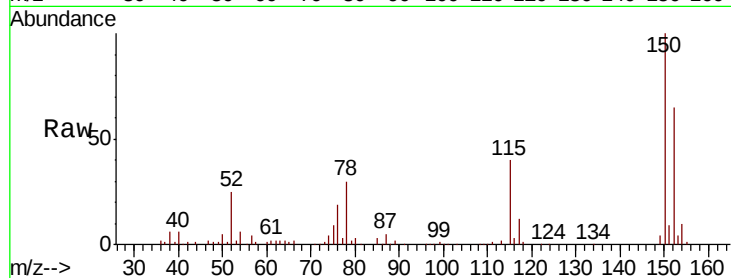
F9Q76

Tot Ion: 75 Resp: 12135

Ion Ratio Lower Upper

75 100

77 41.1 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

