

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039200.D
 Acq On : 29 Jun 2020 18:41
 Operator : SY/MD
 Sample : L3104-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q72

Quant Time: Jun 30 01:40:06 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	214476	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	214775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	93972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	55096	2.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.00%
7) Chloroethane-d5	1.93	69	58240	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.80%
11) 1,1-Dichloroethene-d2	2.59	63	93202	2.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.80%#
20) 2-Butanone-d5	4.67	46	293166	48.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.52%
24) Chloroform-d	5.10	84	148562	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.74	65	94050	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.76	84	270499	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
36) 1,2-Dichloropropane-d6	6.72	67	91869	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.92	98	207207	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	8.20	79	28856	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	8.65	63	213632	47.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.40%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	82468	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	88775	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

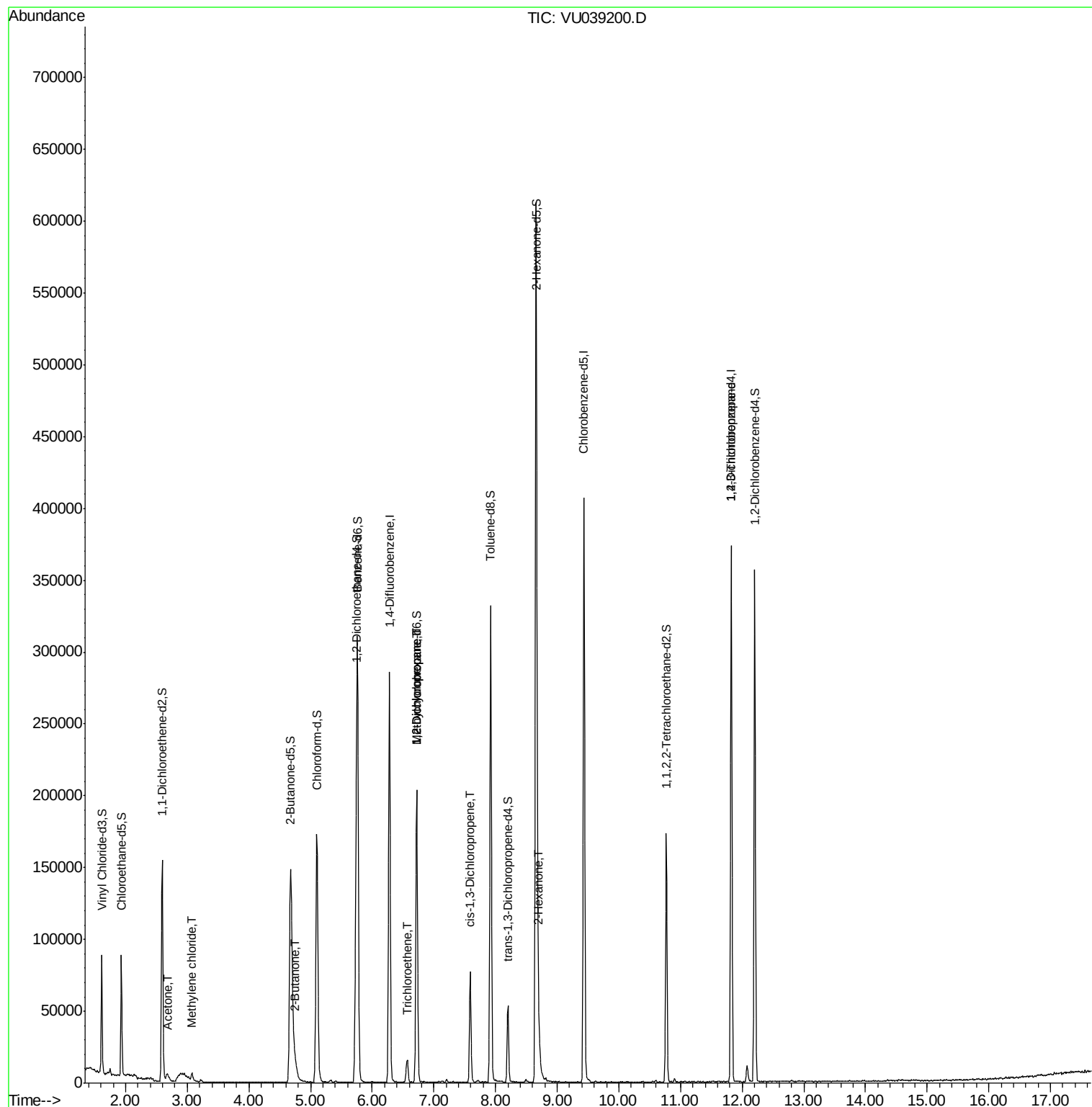
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	10861	2.947	ug/L	87
16) Methylene chloride	3.08	84	2040	0.108	ug/L #	76
21) 2-Butanone	4.76	43	9735	1.663	ug/L	98
34) Trichloroethene	6.57	95	3867	0.219	ug/L	82
35) Methylcyclohexane	6.72	83	22361	0.848	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	11076	0.603	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2072	0.079	ug/L #	52
48) 2-Hexanone	8.70	43	14673	1.449	ug/L #	69
59) 1,2,3-Trichloropropane	11.82	75	12622	0.913	ug/L	89

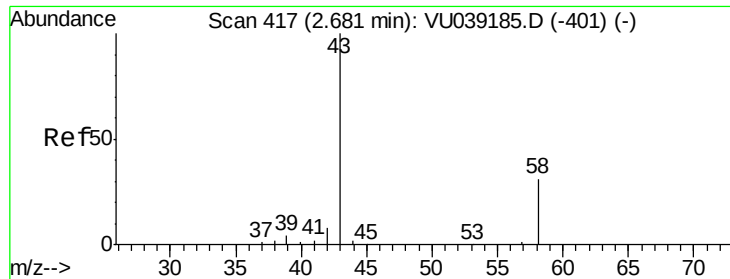
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.947 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.00 min

Lab File: VU039200.D

Acq: 29 Jun 2020 18:41

Instrument :

MSVOA_U

ClientSampleId :

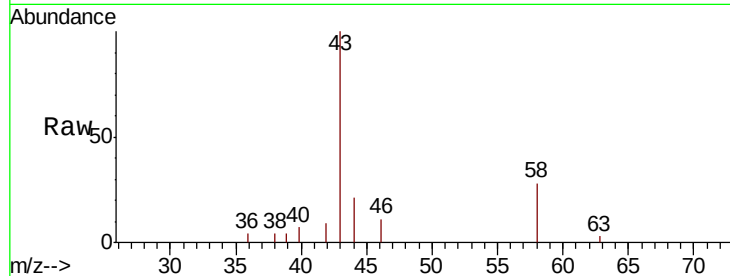
F9Q72

Tot Ion: 43 Resp: 10861

Ion Ratio Lower Upper

43 100

58 24.5 0.0 63.2



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

Ion 58.05 (57.75 to 58.75): VU039185.D (-401) (-)

2.68

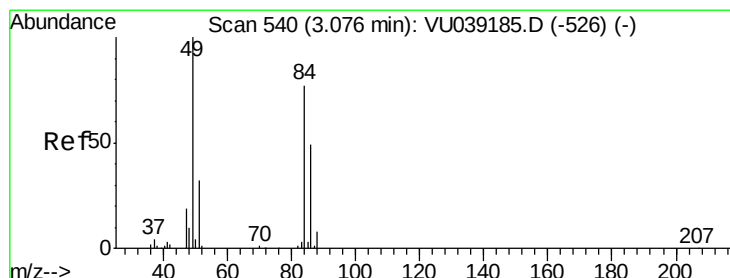
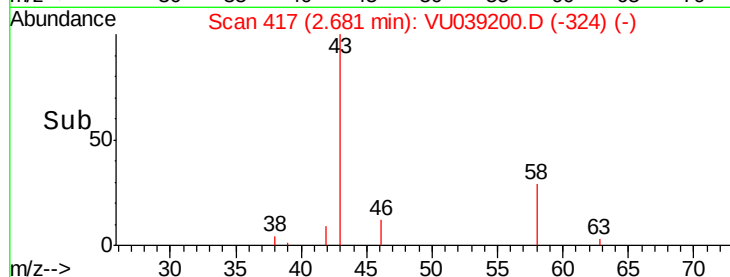
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 0.108 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

Lab File: VU039200.D

Acq: 29 Jun 2020 18:41

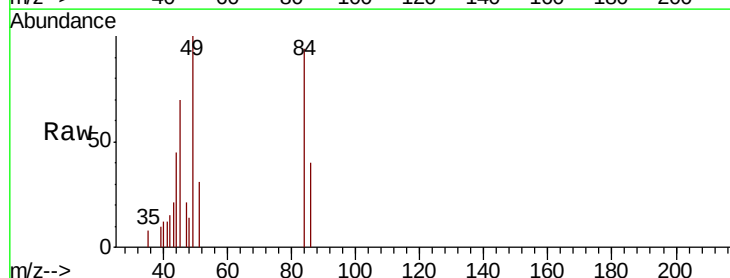
Tgt Ion: 84 Resp: 2040

Ion Ratio Lower Upper

84 100

86 42.5 44.2 82.2#

49 106.5 93.2 173.0



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

Ion 86.00 (85.70 to 86.70): VU039185.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU039185.D (-526) (-)

3.08

2000

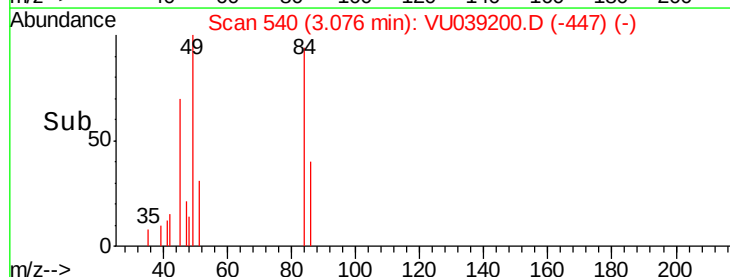
1500

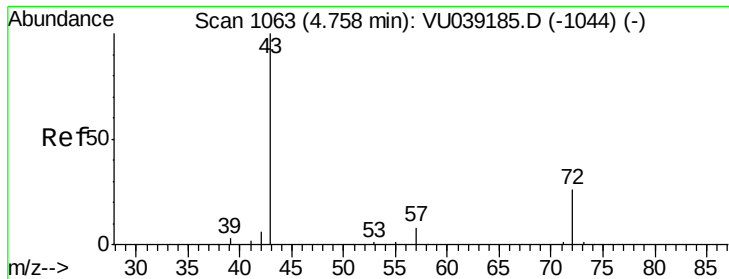
1000

500

0

Time-->





#21

2-Butanone

Concen: 1.663 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VU039200.D

Acq: 29 Jun 2020 18:41

Instrument :

MSVOA_U

ClientSampleId :

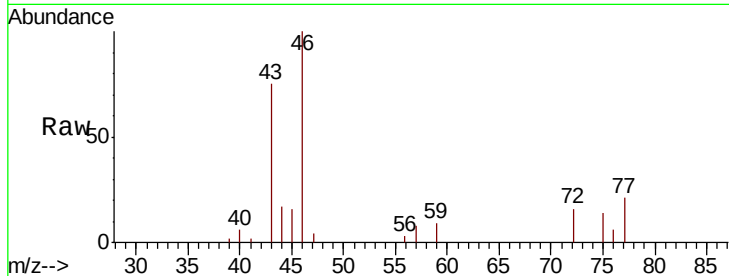
F9Q72

Tot Ion: 43 Resp: 9735

Ion Ratio Lower Upper

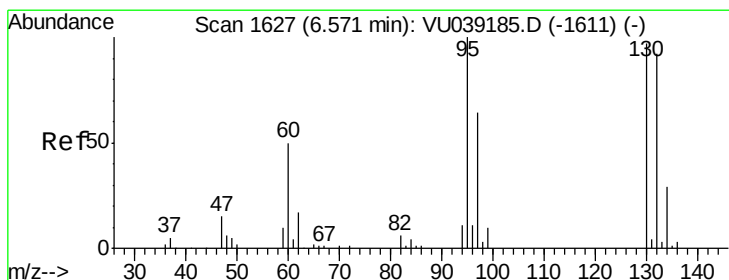
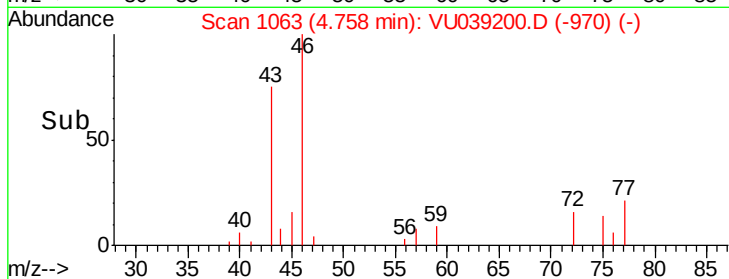
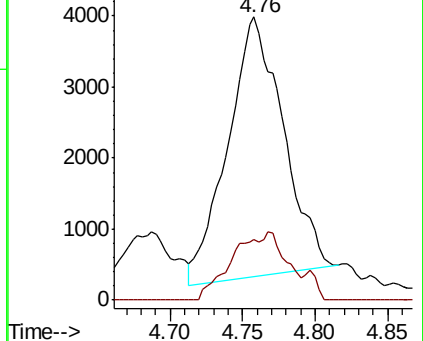
43 100

72 25.6 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) (-)



#34

Trichloroethene

Concen: 0.219 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU039200.D

Acq: 29 Jun 2020 18:41

Tgt Ion: 95 Resp: 3867

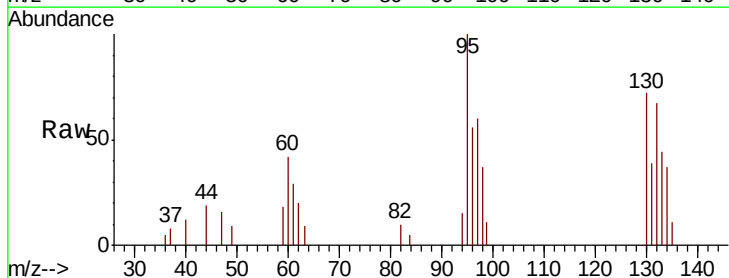
Ion Ratio Lower Upper

95 100

97 60.1 44.0 81.8

132 67.3 61.2 113.8

130 72.0 66.4 123.4

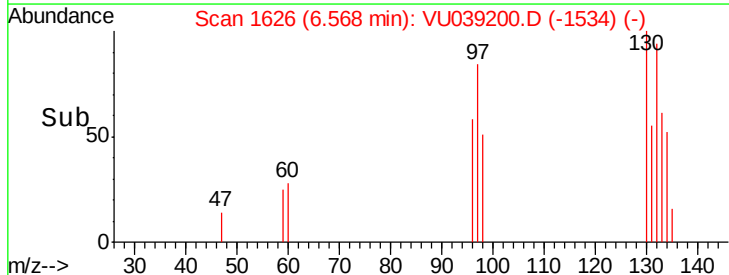
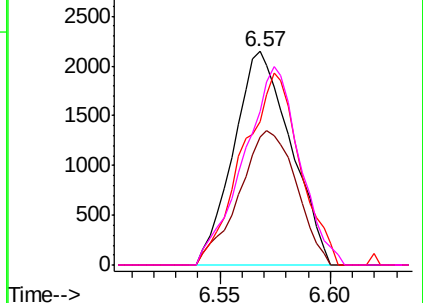


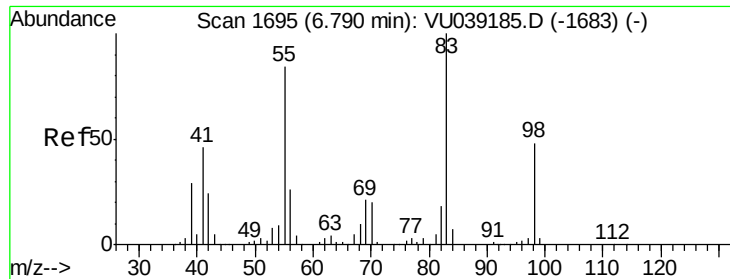
Abundance Ion 95.00 (94.70 to 95.70): VU039185.D (-1611) (-)

Ion 96.95 (96.65 to 97.65): VU039185.D (-1611) (-)

Ion 131.95 (131.65 to 132.65): VU039185.D (-1611) (-)

Ion 129.95 (129.65 to 130.65): VU039185.D (-1611) (-)

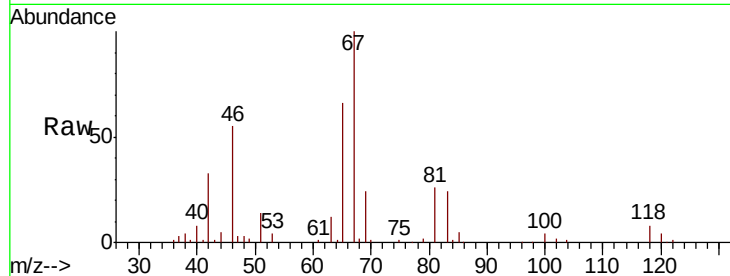




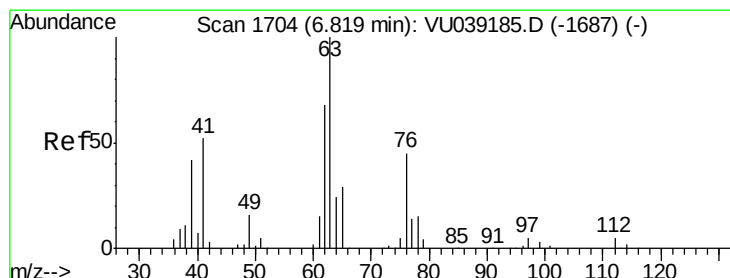
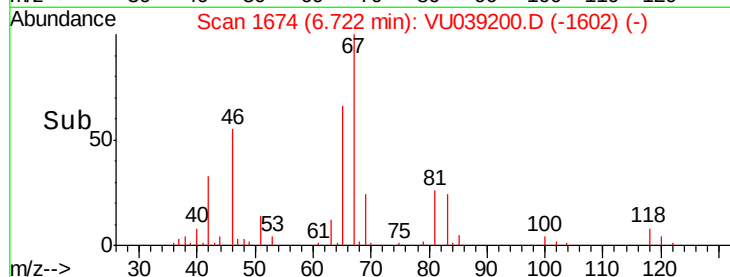
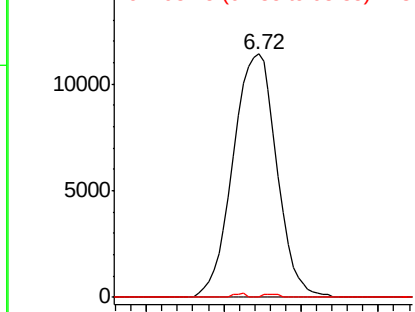
#35
Methylvlcyclohexane
Concen: 0.848 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039200.D
Acq: 29 Jun 2020 18:41

Instrument :
MSVOA_U
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F9Q72

Tot Ion: 83 Resp: 22361
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 0.5 38.2 57.4#

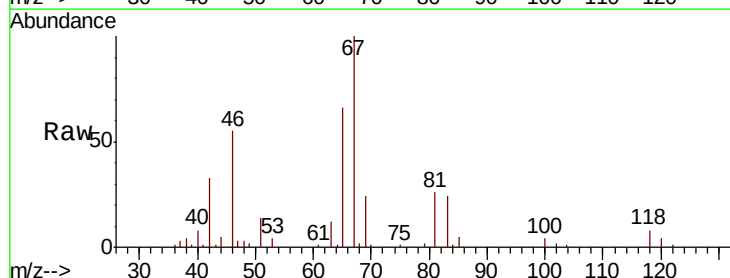


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

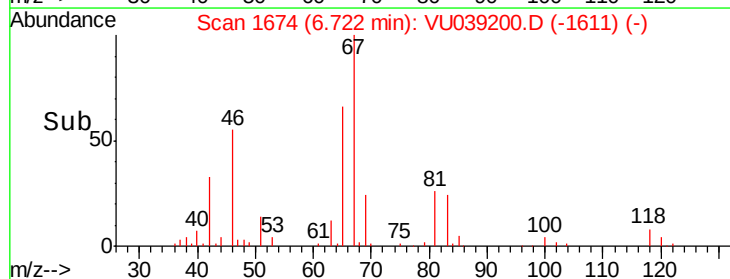
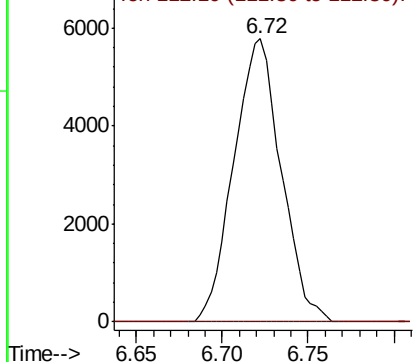


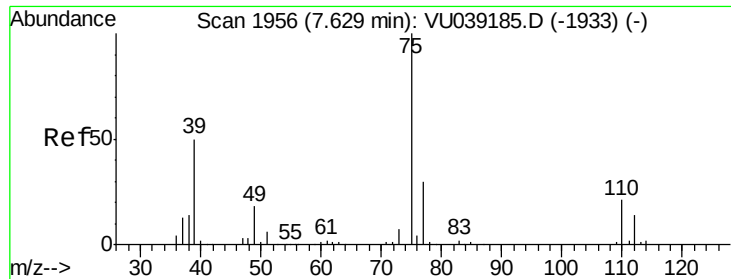
#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039200.D
Acq: 29 Jun 2020 18:41

Tgt Ion: 63 Resp: 11076
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

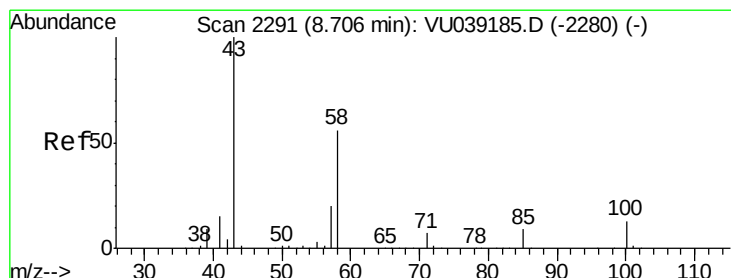
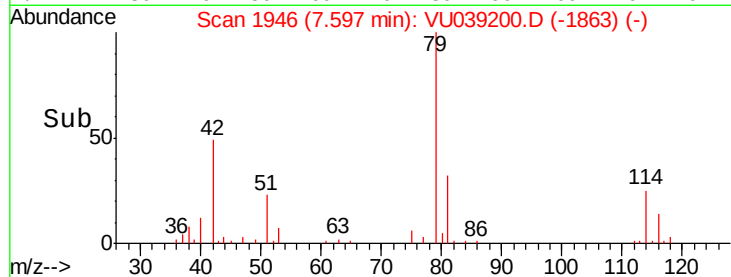
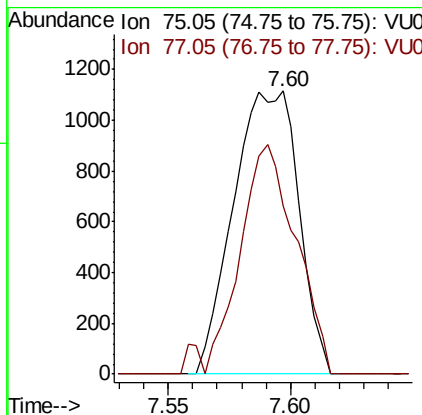
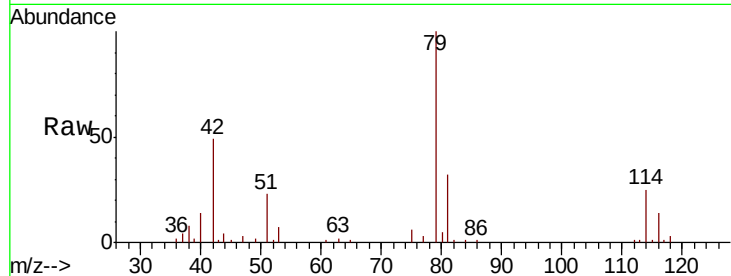




#39
 cis-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.03 min
 Lab File: VU039200.D
 Acq: 29 Jun 2020 18:41

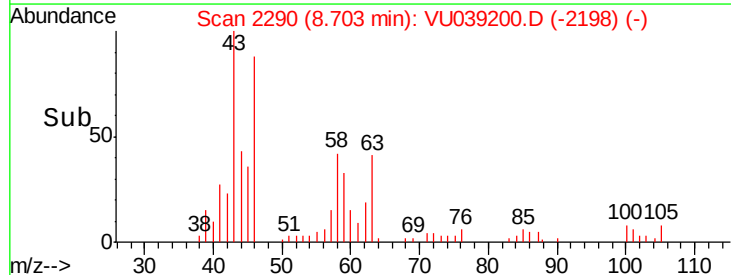
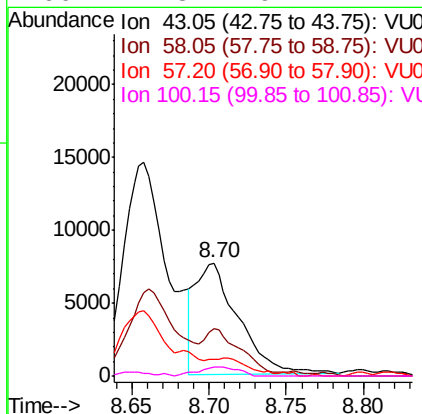
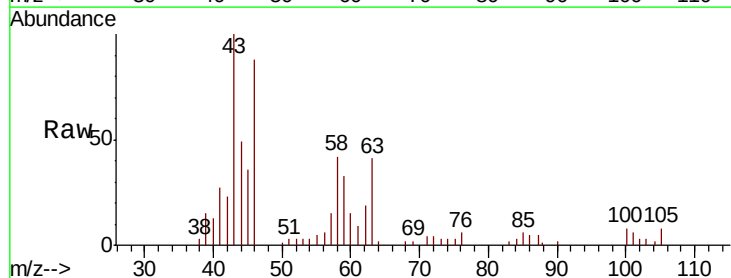
Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q72

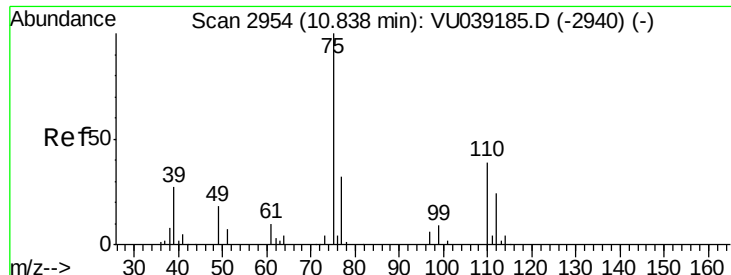
Tot Ion: 75 Resp: 2072
 Ion Ratio Lower Upper
 75 100
 77 59.5 22.7 42.1#



#48
 2-Hexanone
 Concen: 1.449 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU039200.D
 Acq: 29 Jun 2020 18:41

Tgt Ion: 43 Resp: 14673
 Ion Ratio Lower Upper
 43 100
 58 32.1 43.6 65.4#
 57 0.0 15.6 23.4#
 100 7.8 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 0.913 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU039200.D

Acq: 29 Jun 2020 18:41

Instrument :

MSVOA_U

ClientSampleId :

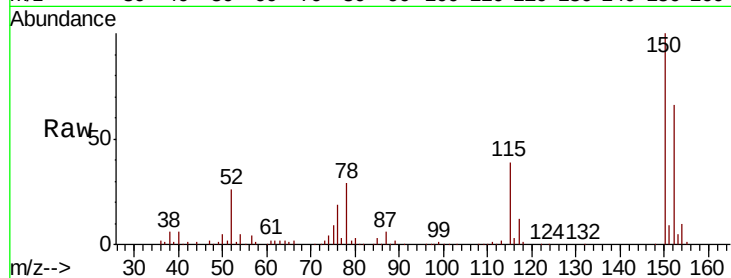
F9Q72

Tot Ion: 75 Resp: 12622

Ion Ratio Lower Upper

75 100

77 38.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

