

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039174.D
 Acq On : 26 Jun 2020 18:53
 Operator : SY/MD
 Sample : L3104-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q20

Quant Time: Jun 26 23:56:47 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	227336	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	247833	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	100825	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63236	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.93	69	65203	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.59	63	102978	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.67	46	311948	51.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	5.10	84	161751	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.74	65	97718	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.76	84	295021	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.72	67	100866	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.92	98	222701	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	8.20	79	37738	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.65	63	240632	46.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	99726	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	96171	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

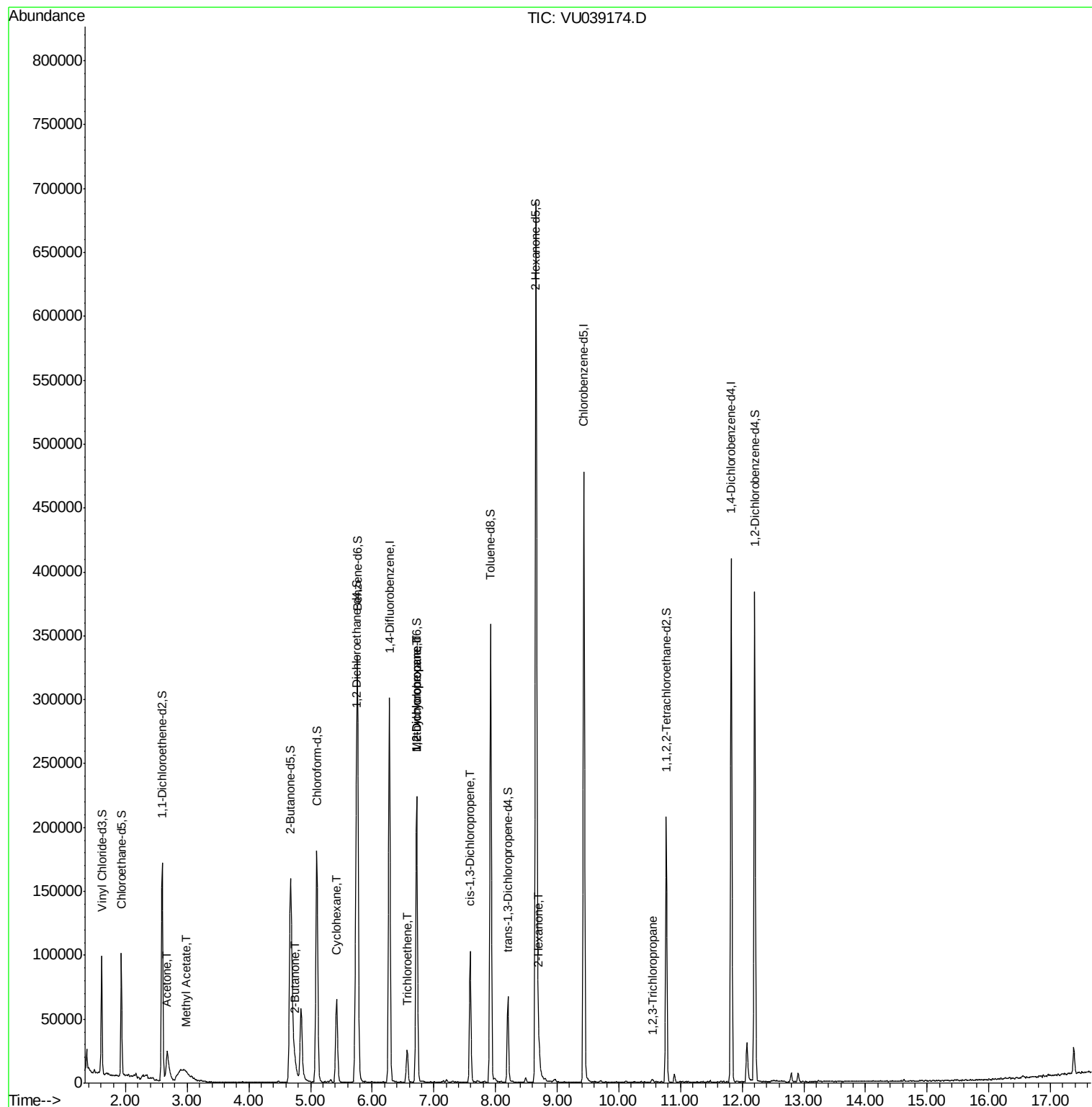
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	48130	11.797	ug/L	94
15) Methyl Acetate	2.98	43	1986	0.205	ug/L #	55
21) 2-Butanone	4.76	43	9828	1.584	ug/L #	54
30) Cyclohexane	5.42	56	27888	0.969	ug/L	98
34) Trichloroethene	6.57	95	6529	0.347	ug/L	88
35) Methylcyclohexane	6.72	83	23704	0.848	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11237	0.533	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2654	0.091	ug/L #	49
48) 2-Hexanone	8.70	43	10966	0.950	ug/L #	89
59) 1,2,3-Trichloropropane	10.54	75	1759	0.111	ug/L #	42

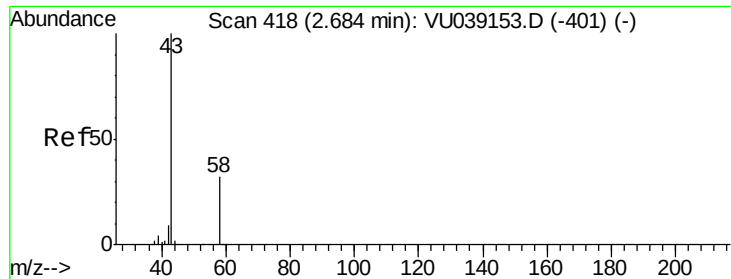
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.797 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU039174.D

Acq: 26 Jun 2020 18:53

Instrument :

MSVOA_U

ClientSampleId :

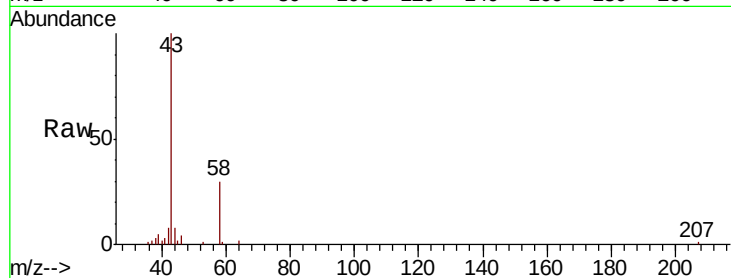
F9Q20

Tot Ion: 43 Resp: 48130

Ion Ratio Lower Upper

43 100

58 28.7 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039174.D (-415) (-)

Ion 58.05 (57.75 to 58.75): VU039174.D (-415) (-)

2.67

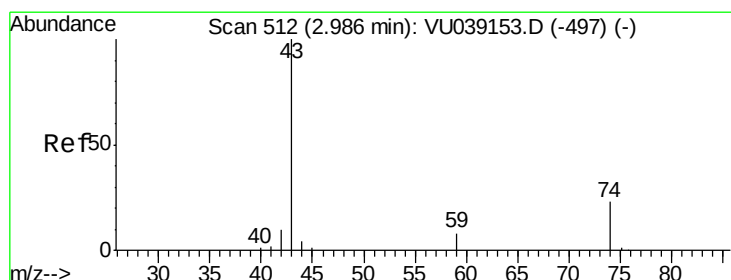
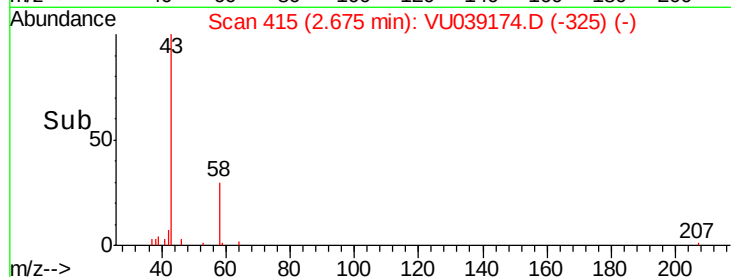
15000

10000

5000

0

Time-->



#15

Methyl Acetate

Concen: 0.205 ug/L

RT: 2.98 min Scan# 511

Delta R.T. -0.00 min

Lab File: VU039174.D

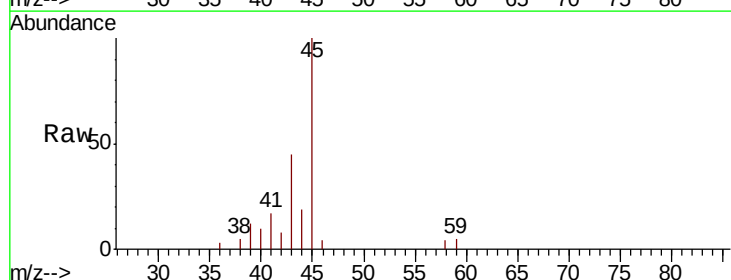
Acq: 26 Jun 2020 18:53

Tgt Ion: 43 Resp: 1986

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#



Abundance Ion 43.05 (42.75 to 43.75): VU039174.D (-511) (-)

Ion 74.05 (73.75 to 74.75): VU039174.D (-511) (-)

2.98

2000

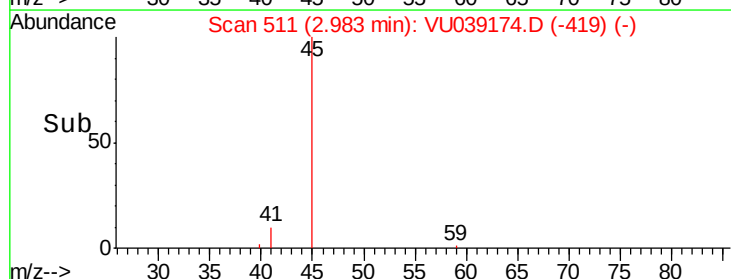
1500

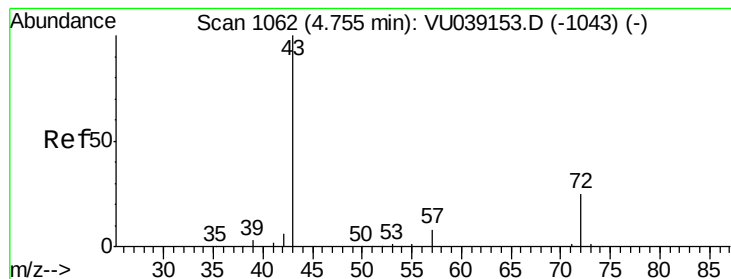
1000

500

0

Time-->





#21

2-Butanone

Concen: 1.584 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU039174.D

Acq: 26 Jun 2020 18:53

Instrument :

MSVOA_U

ClientSampleId :

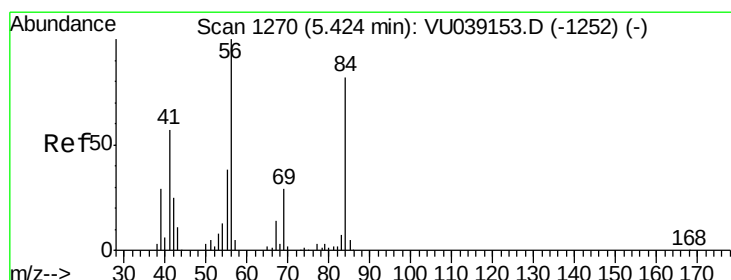
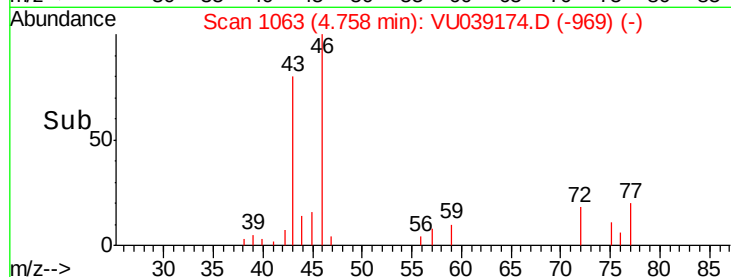
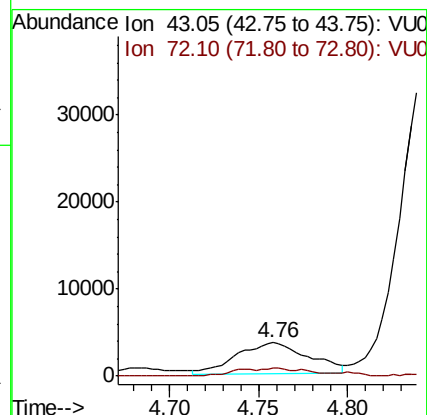
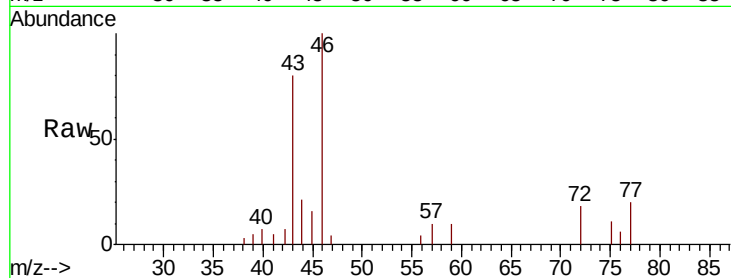
F9Q20

Tot Ion: 43 Resp: 9828

Ion Ratio Lower Upper

43 100

72 2.9 13.1 39.3#



#30

Cyclohexane

Concen: 0.969 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VU039174.D

Acq: 26 Jun 2020 18:53

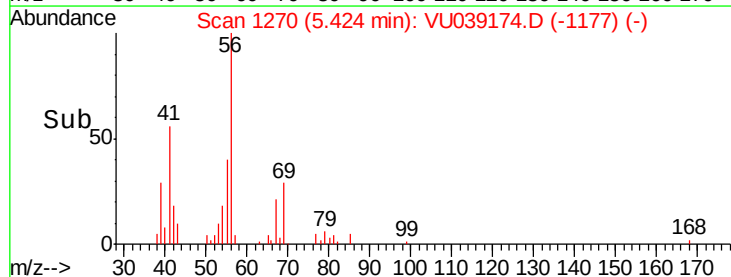
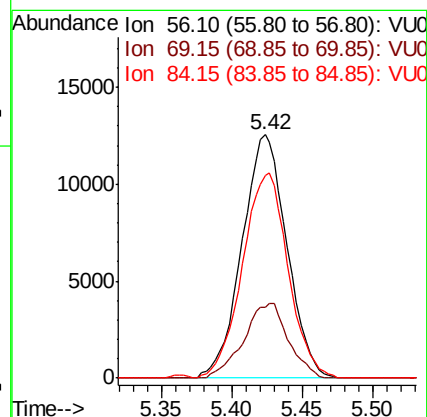
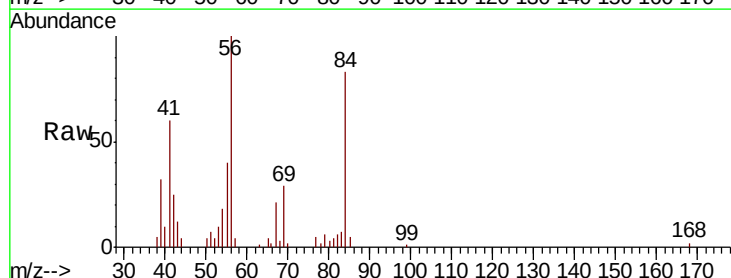
Tgt Ion: 56 Resp: 27888

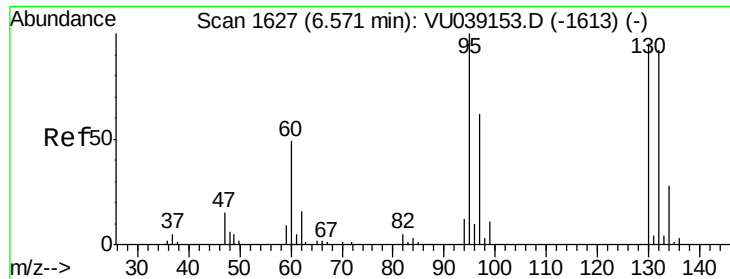
Ion Ratio Lower Upper

56 100

69 30.6 23.3 34.9

84 85.8 67.1 100.7





#34

Trichloroethene

Concen: 0.347 ug/L

RT: 6.57 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VU039174.D

Acq: 26 Jun 2020 18:53

Instrument :

MSVOA_U

ClientSampleId :

F9Q20

Tot Ion: 95 Resp: 6529

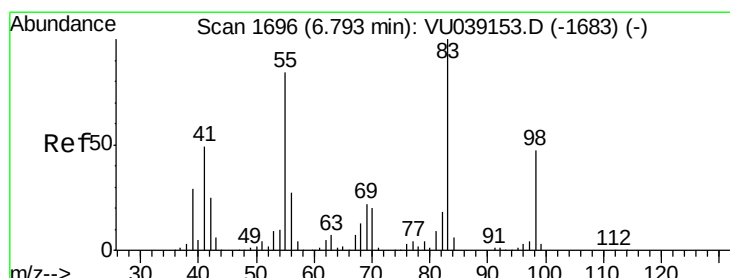
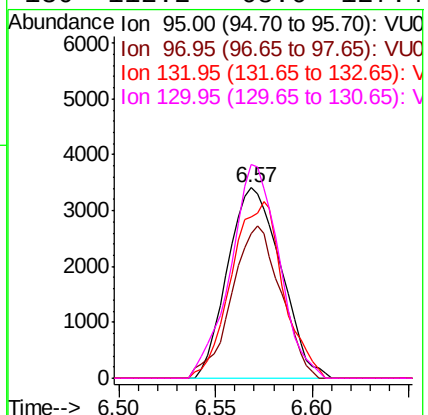
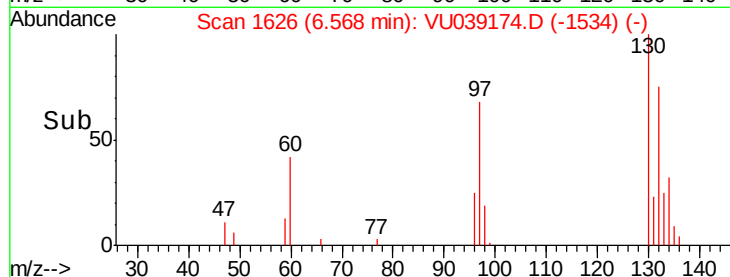
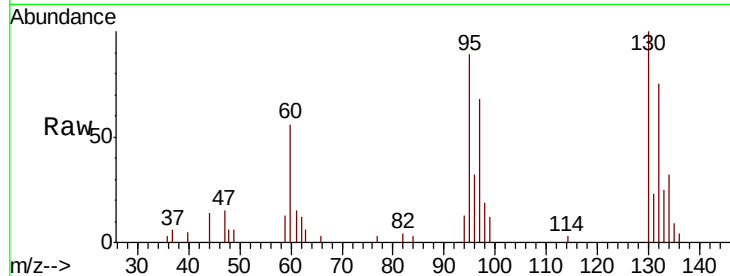
Ion Ratio Lower Upper

95 100

97 75.9 45.1 83.7

132 84.5 65.1 120.9

130 112.2 68.6 127.4



#35

Methylcyclohexane

Concen: 0.848 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU039174.D

Acq: 26 Jun 2020 18:53

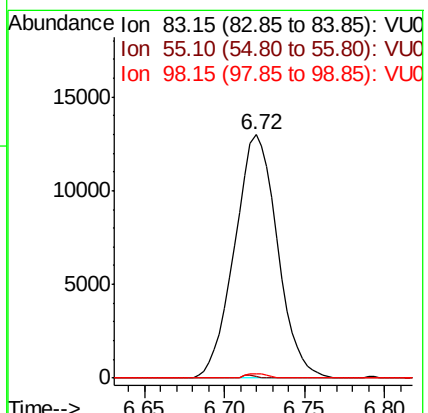
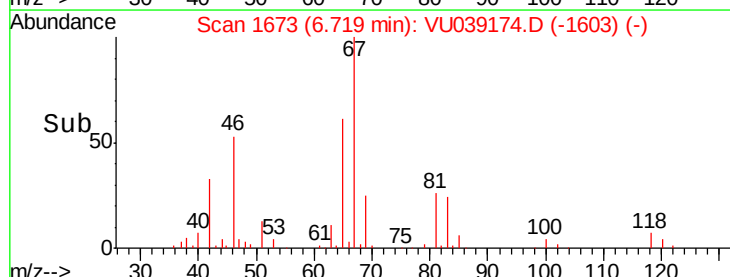
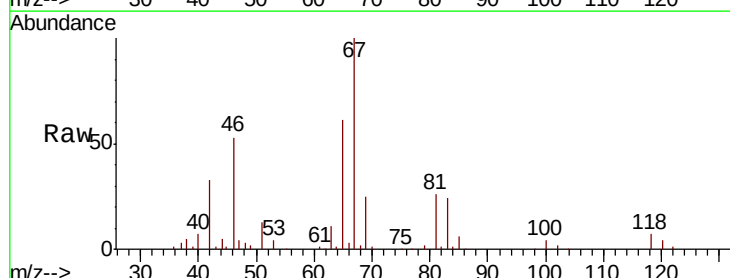
Tgt Ion: 83 Resp: 23704

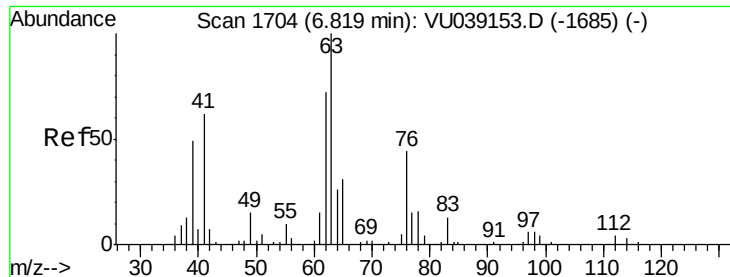
Ion Ratio Lower Upper

83 100

55 0.3 65.5 98.3#

98 0.9 36.5 54.7#

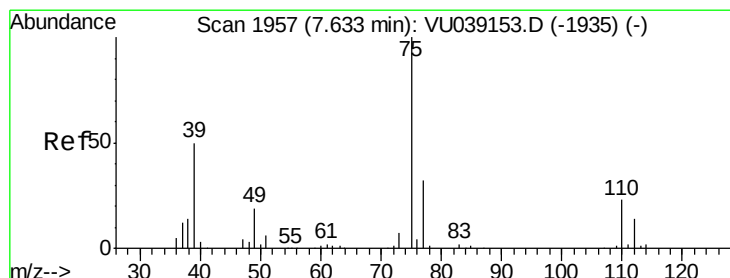
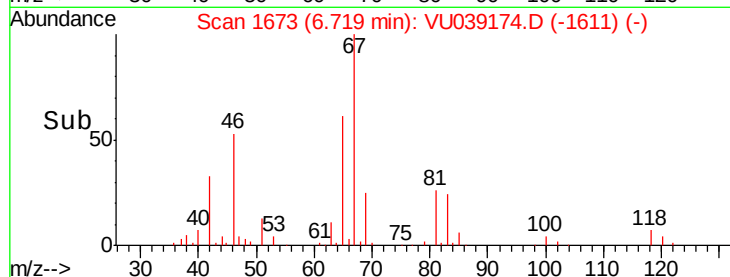
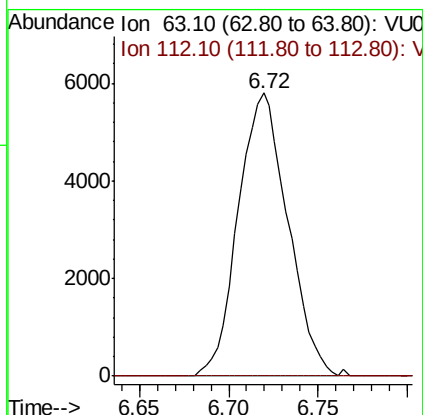
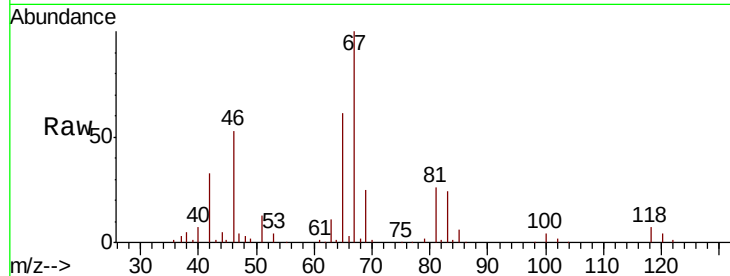




#37
 1,2-Dichloropropane
 Concen: 0.533 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039174.D
 Acq: 26 Jun 2020 18:53

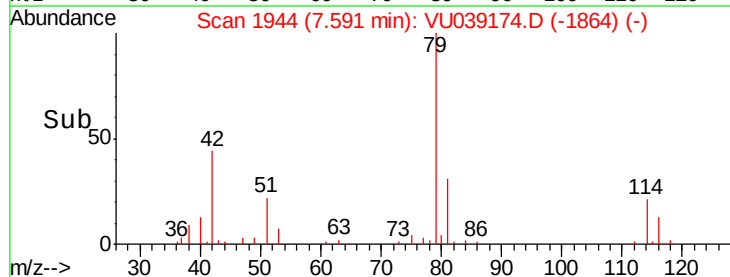
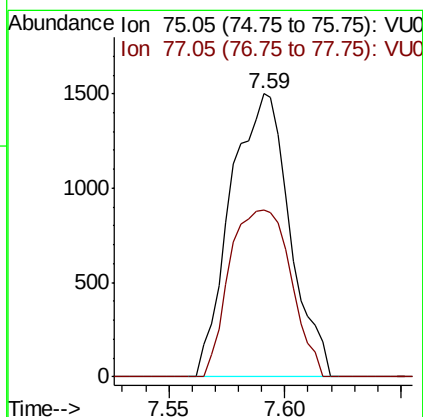
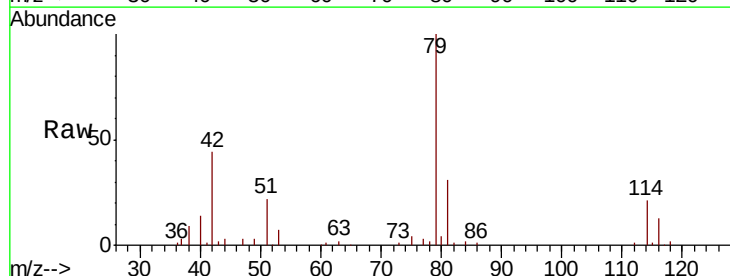
Instrument :
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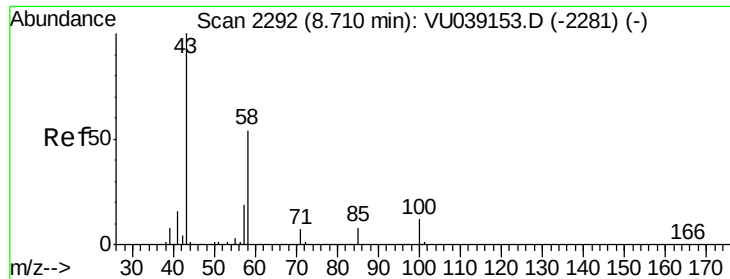
Tot Ion: 63 Resp: 11237
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039174.D
 Acq: 26 Jun 2020 18:53

Tgt Ion: 75 Resp: 2654
 Ion Ratio Lower Upper
 75 100
 77 58.8 21.6 40.0#

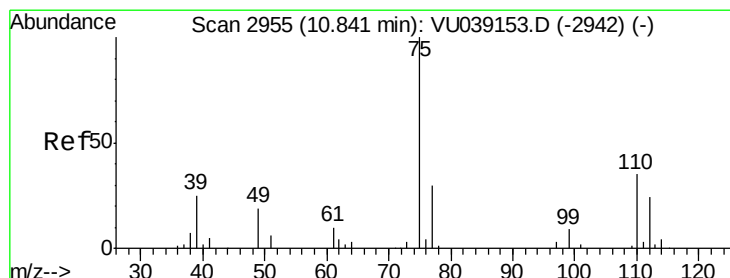
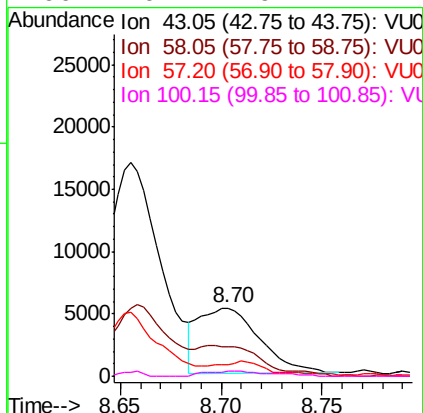
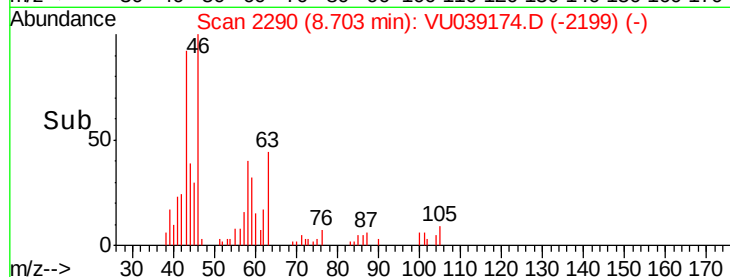
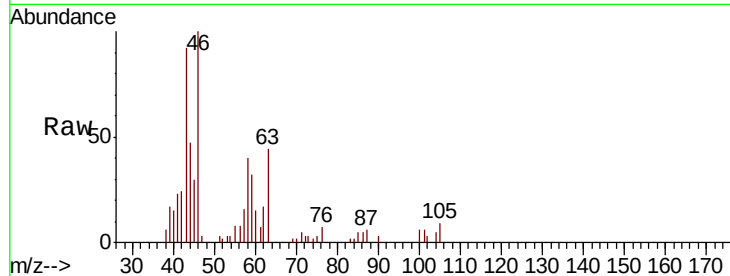




#48
2-Hexanone
Concen: 0.950 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU039174.D
Acq: 26 Jun 2020 18:53

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Tot Ion: 43 Resp: 10966
Ion Ratio Lower Upper
43 100
58 47.2 44.0 66.0
57 14.5 15.0 22.6#
100 6.7 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 0.111 ug/L
RT: 10.54 min Scan# 2862
Delta R.T. -0.30 min
Lab File: VU039174.D
Acq: 26 Jun 2020 18:53

Tgt Ion: 75 Resp: 1759
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#

