

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039192.D
 Acq On : 29 Jun 2020 15:37
 Operator : SY/MD
 Sample : L3104-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q22

Quant Time: Jun 30 01:39:11 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	214924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	216853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	96208	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	58439	2.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.40%
7) Chloroethane-d5	1.93	69	60862	3.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.00%
11) 1,1-Dichloroethene-d2	2.59	63	97751	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	4.68	46	304654	50.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.12%
24) Chloroform-d	5.10	84	151029	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.74	65	96906	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	5.76	84	286188	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.72	67	96050	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.92	98	219059	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.20	79	29439	2.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.60%
46) 2-Hexanone-d5	8.65	63	221150	48.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	83760	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	92301	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

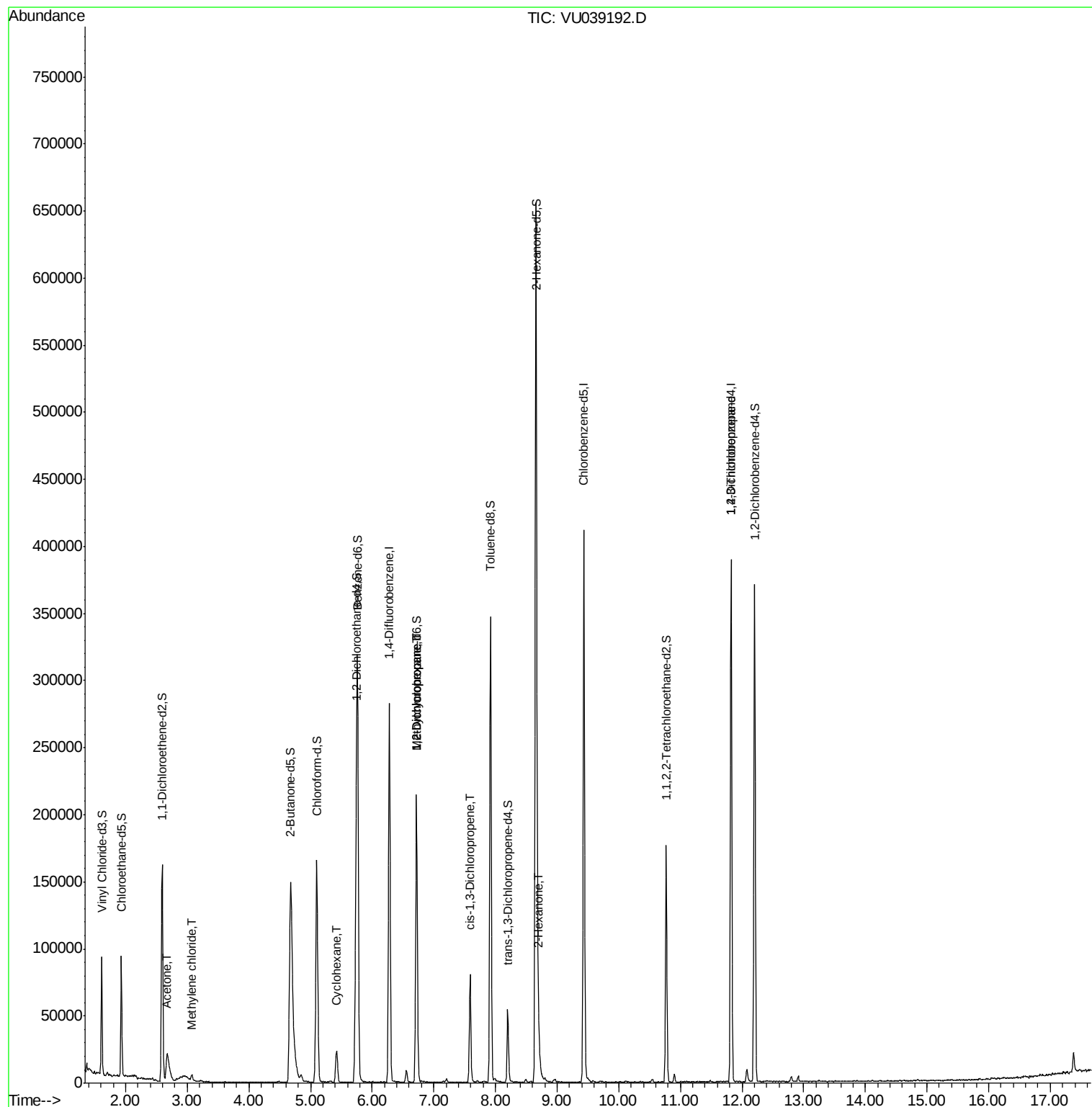
					Ovalue
13) Acetone	2.67	43	48006	12.997 ug/L	97
16) Methylene chloride	3.08	84	1795	0.095 ug/L	82
30) Cyclohexane	5.43	56	10997	0.404 ug/L	98
35) Methylcyclohexane	6.72	83	22829	0.857 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	11527	0.622 ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2131	0.080 ug/L	87
48) 2-Hexanone	8.70	43	12724	1.245 ug/L #	95
59) 1,2,3-Trichloropropane	11.82	75	14181	1.016 ug/L	94

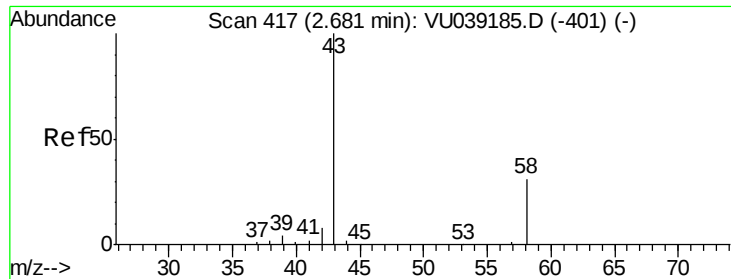
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062920\
Data File : VU039192.D
Acq On : 29 Jun 2020 15:37
Operator : SY/MD
Sample : L3104-07
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9Q22

Quant Time: Jun 30 01:39:11 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 12.997 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU039192.D

Acq: 29 Jun 2020 15:37

Instrument :

MSVOA_U

ClientSampleId :

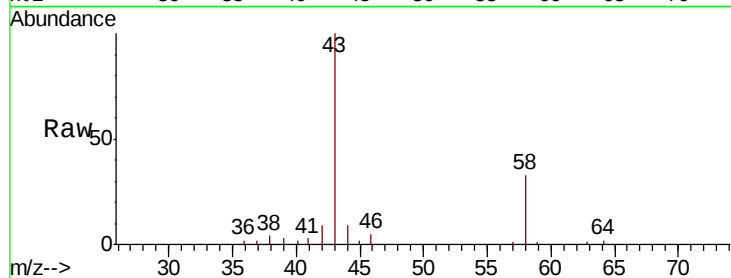
F9Q22

Tot Ion: 43 Resp: 48006

Ion Ratio Lower Upper

43 100

58 29.9 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) (-)

2.67

15000

10000

5000

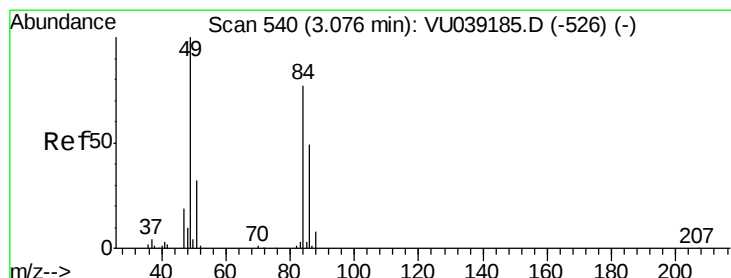
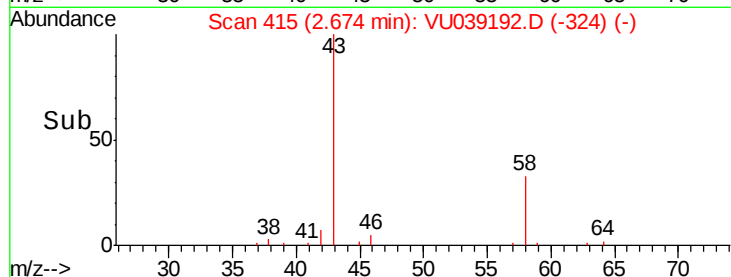
0

Time-->

2.60

2.70

2.80



#16

Methylene chloride

Concen: 0.095 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU039192.D

Acq: 29 Jun 2020 15:37

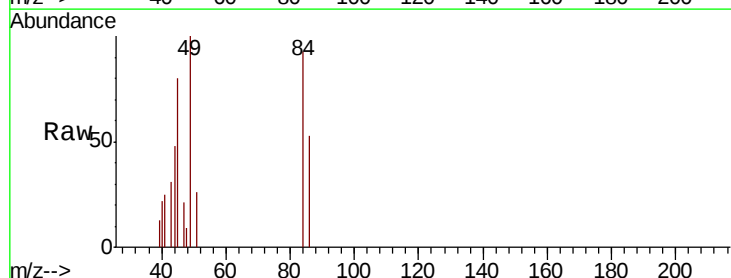
Tgt Ion: 84 Resp: 1795

Ion Ratio Lower Upper

84 100

86 56.6 44.2 82.2

49 107.0 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

1500

1000

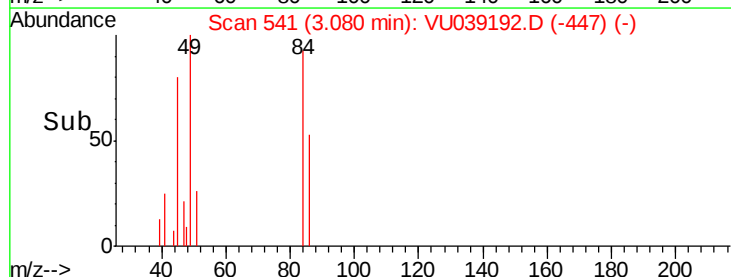
500

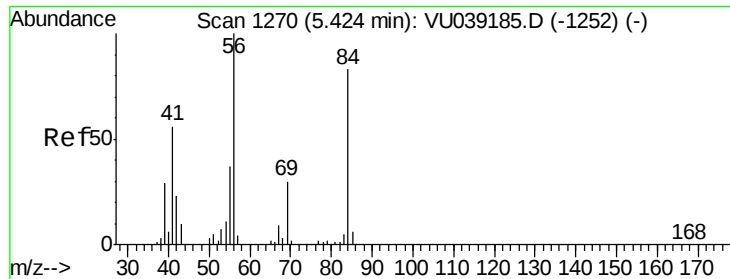
0

Time-->

3.05

3.10

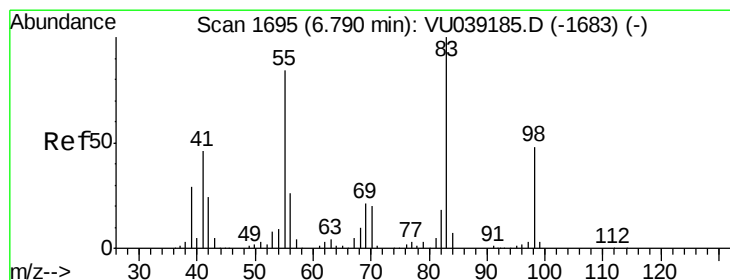
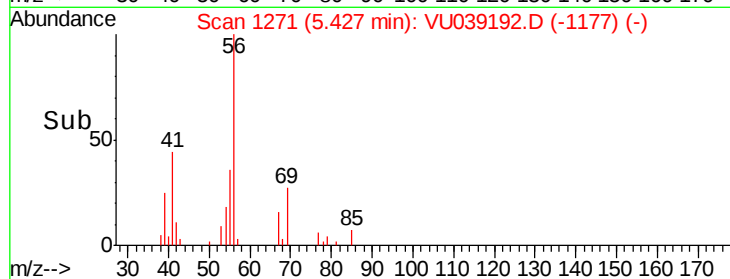
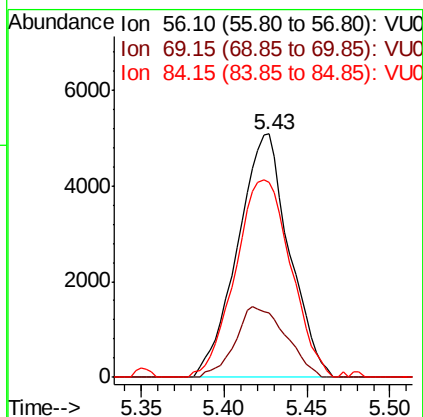
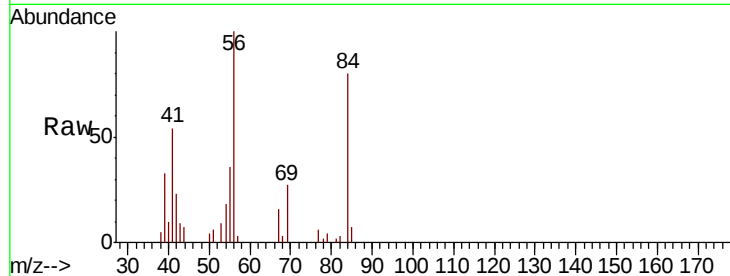




#30
Cyclohexane
Concen: 0.404 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU039192.D
Acq: 29 Jun 2020 15:37

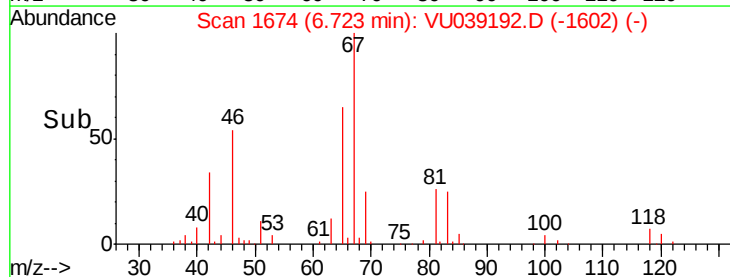
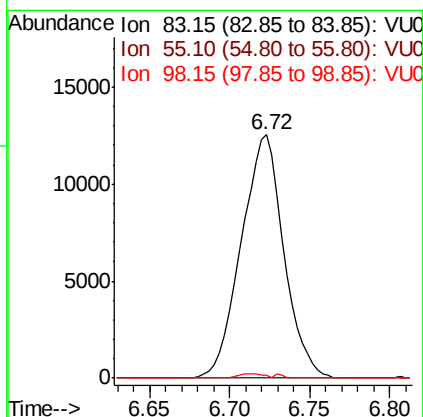
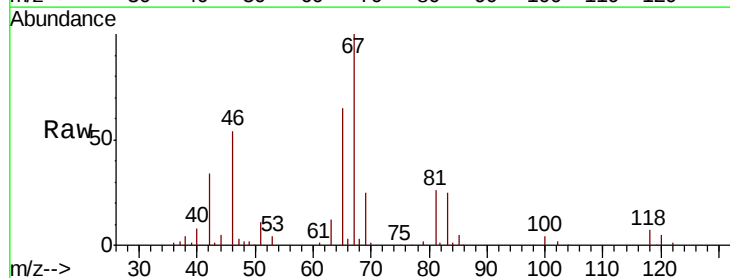
Instrument :
MSVOA_U
ClientSampleId :
F9Q22

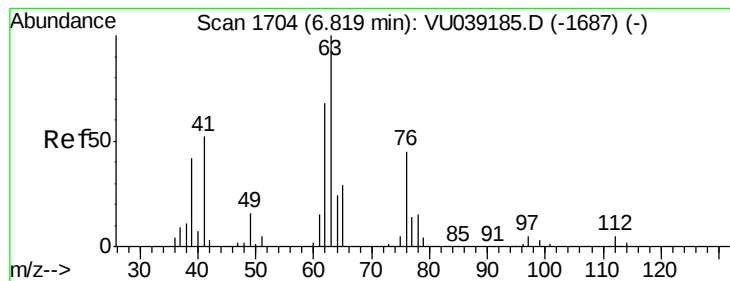
Tot Ion	56	Resp	10997
Ion	Ratio	Lower	Upper
56	100		
69	28.4	25.0	37.4
84	87.1	69.4	104.2



#35
Methylcyclohexane
Concen: 0.857 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU039192.D
Acq: 29 Jun 2020 15:37

Tgt Ion	83	Resp	22829
Ion	Ratio	Lower	Upper
83	100		
55	0.0	65.5	98.3#
98	0.3	38.2	57.4#





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU039192.D

Acq: 29 Jun 2020 15:37

Instrument :

MSVOA_U

ClientSampleId :

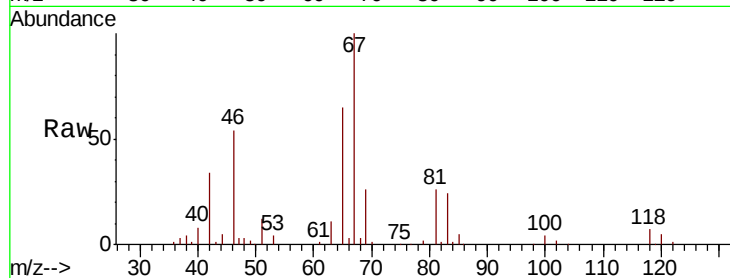
F9Q22

Tot Ion: 63 Resp: 11527

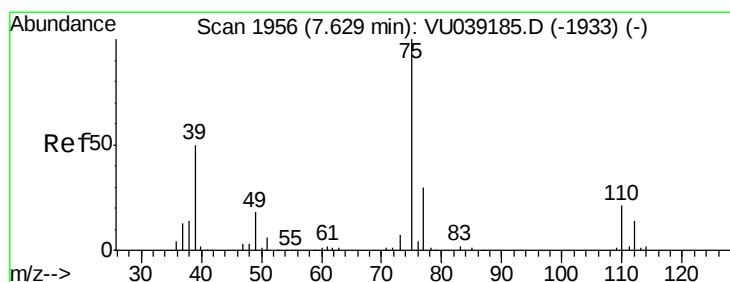
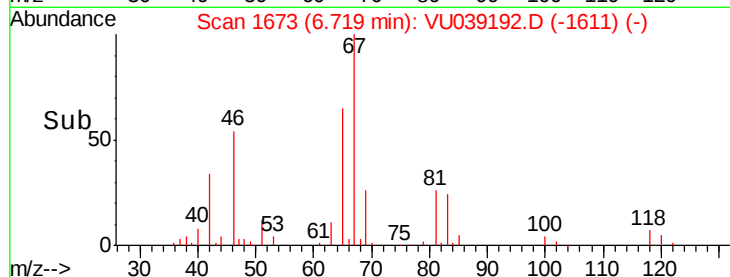
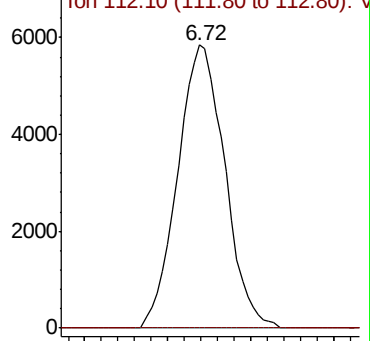
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU039185.D (-1687) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU039192.D

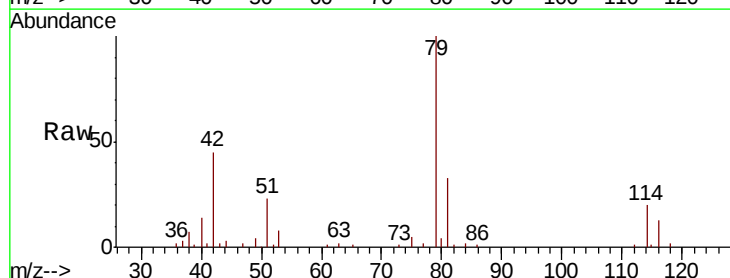
Acq: 29 Jun 2020 15:37

Tgt Ion: 75 Resp: 2131

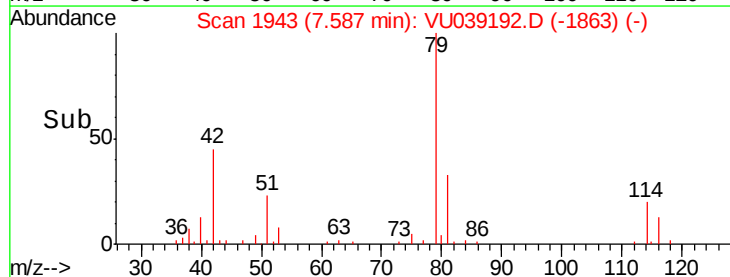
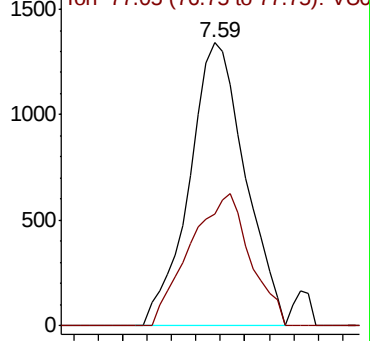
Ion Ratio Lower Upper

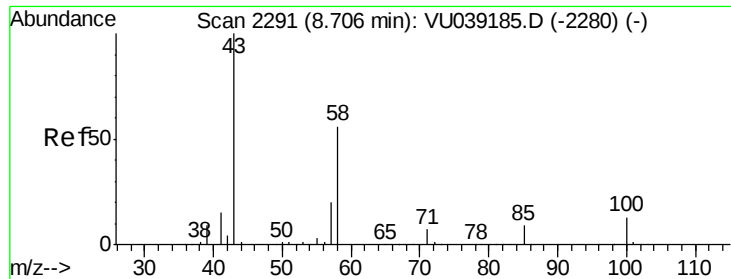
75 100

77 39.4 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VU039185.D (-1933) (-)

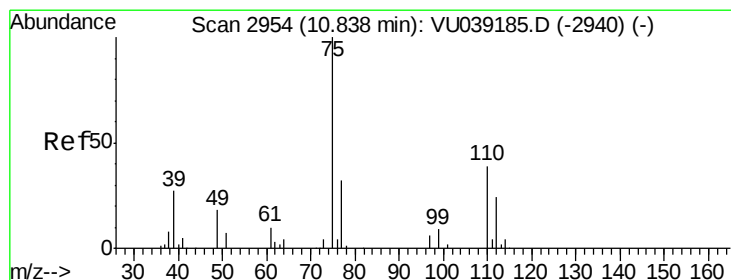
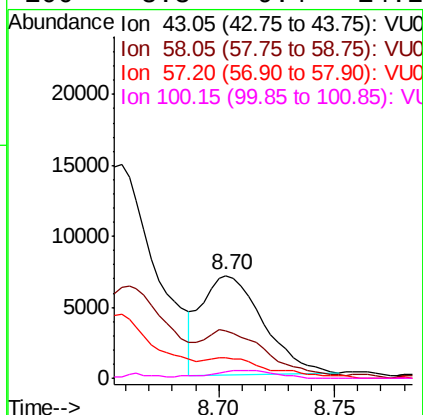
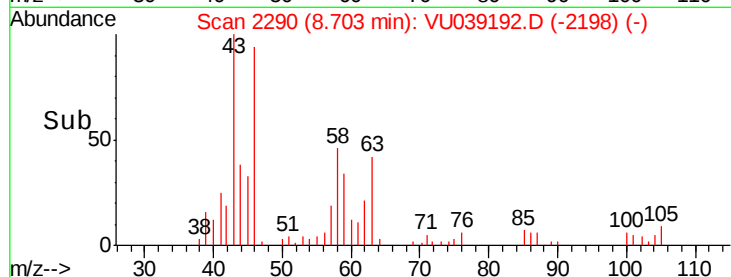
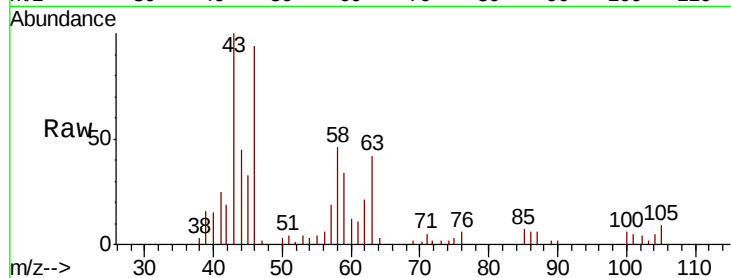




#48
2-Hexanone
Concen: 1.245 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.00 min
Lab File: VU039192.D
Acq: 29 Jun 2020 15:37

Instrument :
MSVOA_U
ClientSampleId :
F9Q22

Tot Ion: 43 Resp: 12724
Ion Ratio Lower Upper
43 100
58 50.8 43.6 65.4
57 20.5 15.6 23.4
100 8.3 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 1.016 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU039192.D
Acq: 29 Jun 2020 15:37

Tgt Ion: 75 Resp: 14181
Ion Ratio Lower Upper
75 100
77 35.6 25.6 38.4

