

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070620\
 Data File : VU039292.D
 Acq On : 06 Jul 2020 15:38
 Operator : SY/MD
 Sample : L3193-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4276

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 2:52:46 PM

Quant Time: Jul 07 01:57:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:17:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	120135	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	113558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53480	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47245	5.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.20%
7) Chloroethane-d5	1.93	69	39521	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.58	63	66373	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.66	46	163168	46.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.72%
24) Chloroform-d	5.09	84	86662	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	51322	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.75	84	173771	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.71	67	56487	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.91	98	153933	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.19	79	22242	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.64	63	131367	46.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.84%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	50940	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	57967	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	38102	4.257 ug/L #	56
13) Acetone	2.67	43	5304m	3.219 ug/L	
14) Carbon disulfide	2.81	76	3295	0.152 ug/L #	87
16) Methylene chloride	3.06	84	1107	0.128 ug/L	87
18) trans-1,2-Dichloroethene	3.37	96	5629	0.761 ug/L	90
22) cis-1,2-Dichloroethene	4.69	96	46443	5.509 ug/L	93
33) Benzene	5.79	78	3679	0.115 ug/L	100

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

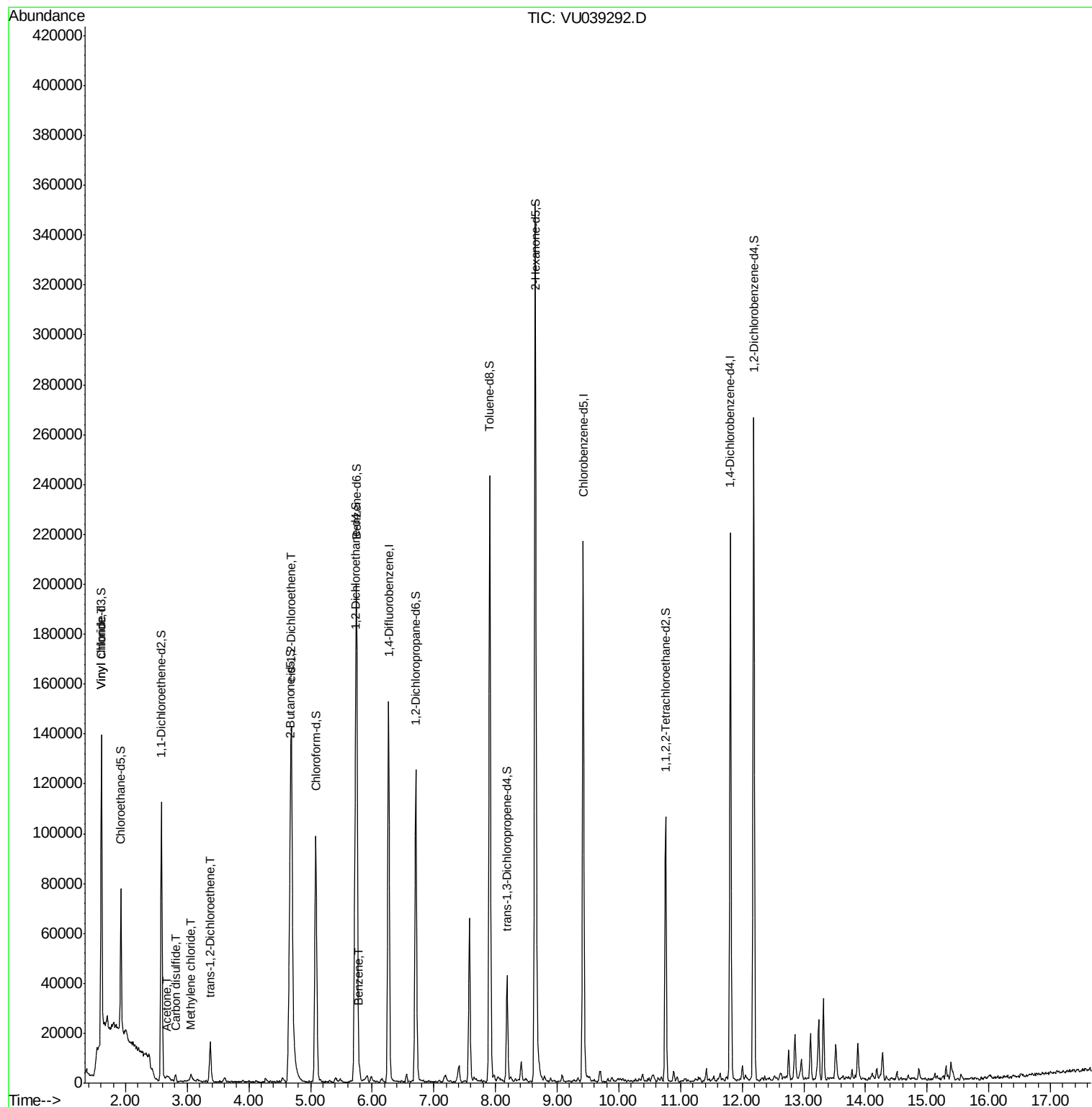
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070620\
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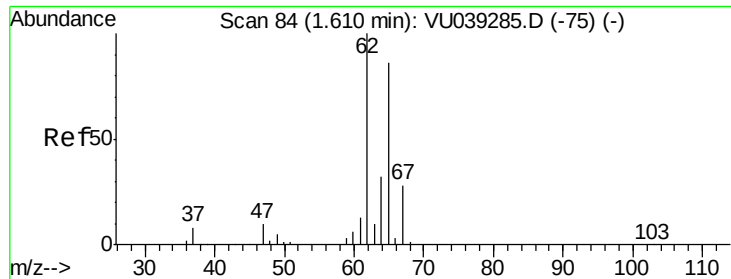
Instrument :
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Quant Time: Jul 07 01:57:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:17:04 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.257 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039292.D

Acq: 06 Jul 2020 15:38

Instrument :

MSVOA_U

ClientSampleId :

H4276

Tot Ion: 62 Resp: 38102

Ion Ratio Lower Upper

62 100

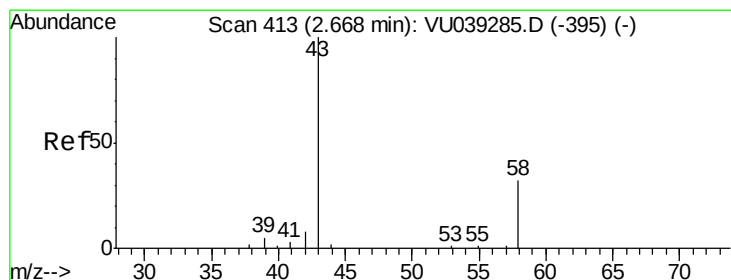
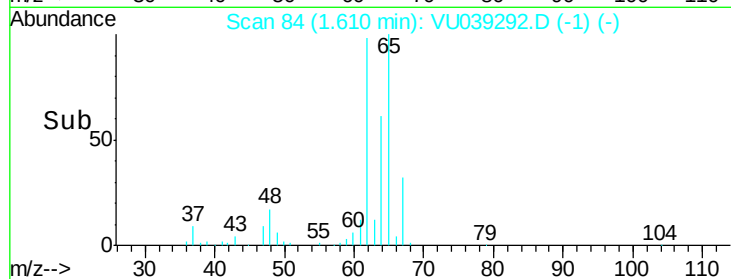
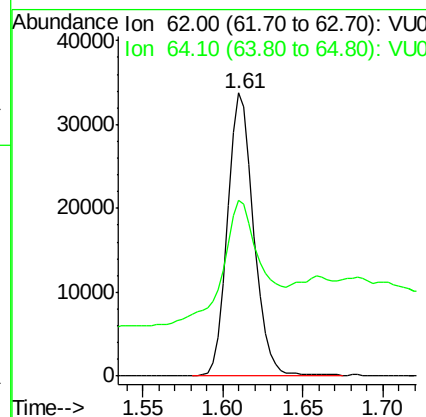
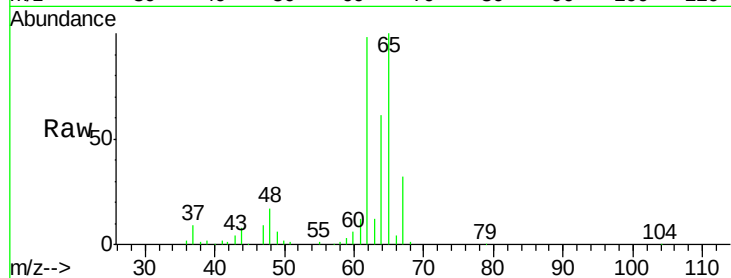
64 62.3 25.6 47.4#

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#13

Acetone

Concen: 3.219 ug/L m

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU039292.D

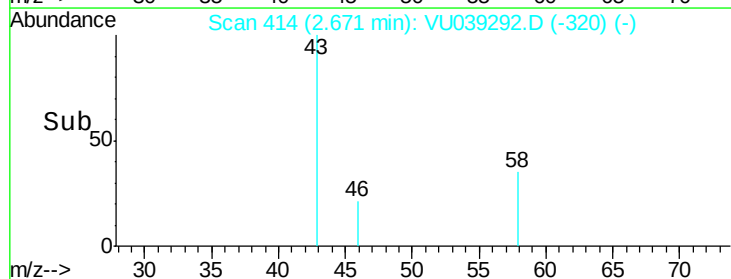
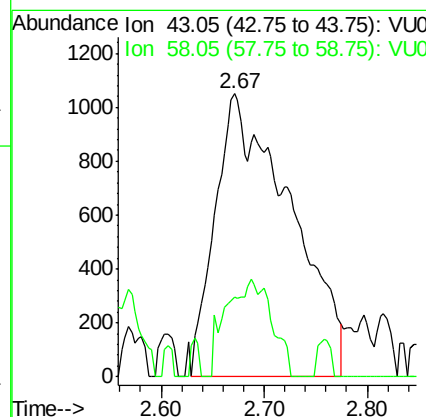
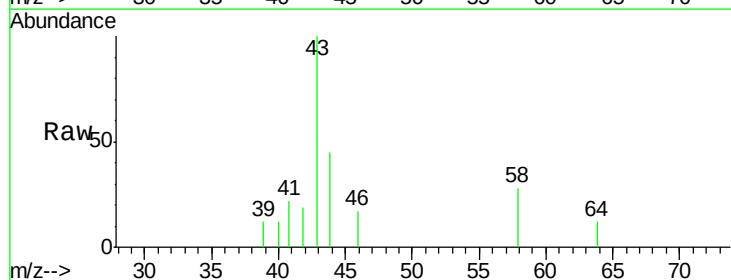
Acq: 06 Jul 2020 15:38

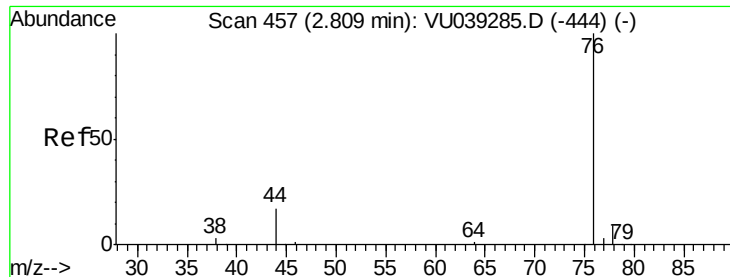
Tgt Ion: 43 Resp: 5304

Ion Ratio Lower Upper

43 100

58 21.0 0.0 63.6





#14

Carbon disulfide

Concen: 0.152 ug/L

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039292.D

Acq: 06 Jul 2020 15:38

Instrument :

MSVOA_U

ClientSampleId :

H4276

Tot Ion: 76 Resp: 3295

Ion Ratio Lower Upper

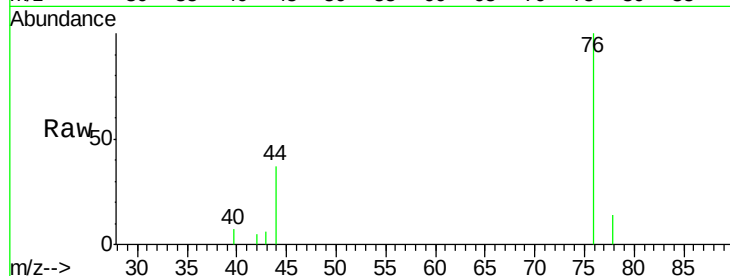
76 100

78 14.1 7.4 11.0#

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Abundance Ion 76.05 (75.75 to 76.75): VU039292.D (-444) (-)

Ion 78.00 (77.70 to 78.70): VU039292.D (-444) (-)

2.81

2000

1500

1000

500

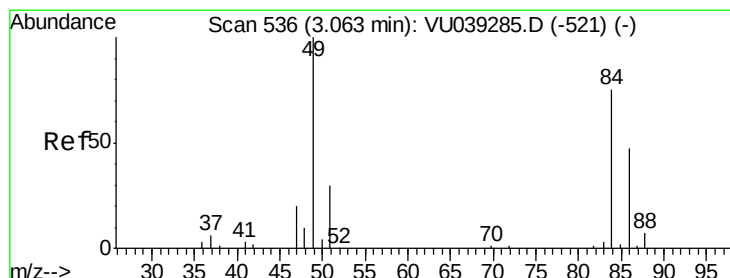
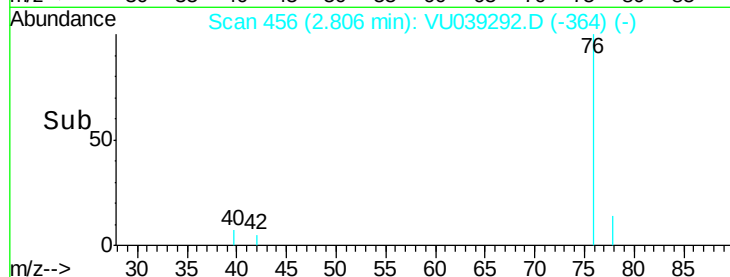
0

2.75

2.80

2.85

Time-->



#16

Methylene chloride

Concen: 0.128 ug/L

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039292.D

Acq: 06 Jul 2020 15:38

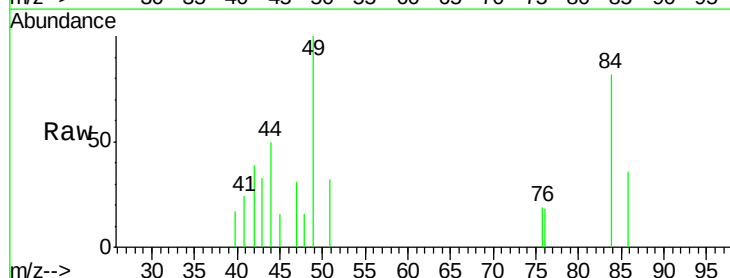
Tgt Ion: 84 Resp: 1107

Ion Ratio Lower Upper

84 100

86 43.6 42.6 79.0

49 122.2 93.0 172.8



Abundance Ion 84.05 (83.75 to 84.75): VU039292.D (-443) (-)

Ion 86.00 (85.70 to 86.70): VU039292.D (-443) (-)

Ion 49.10 (48.80 to 49.80): VU039292.D (-443) (-)

3.06

1200

1000

800

600

400

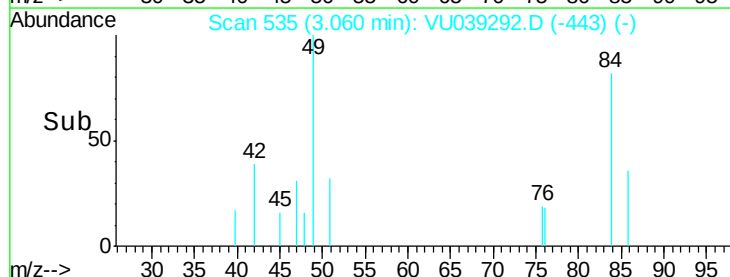
200

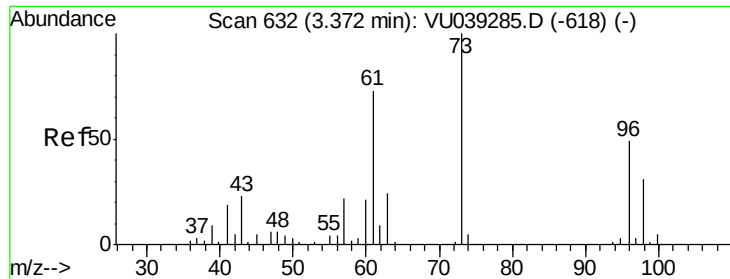
0

3.05

3.10

Time-->





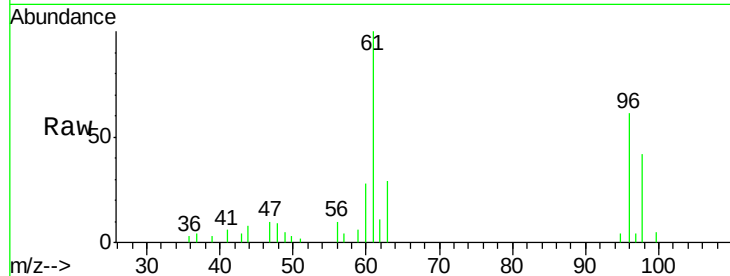
#18
trans-1,2-Dichloroethene
Concen: 0.761 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU039292.D
Acq: 06 Jul 2020 15:38

Instrument :
MSVOA_U
ClientSampleId :
H4276

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.8	104.7	194.5
98	68.0	43.1	80.1

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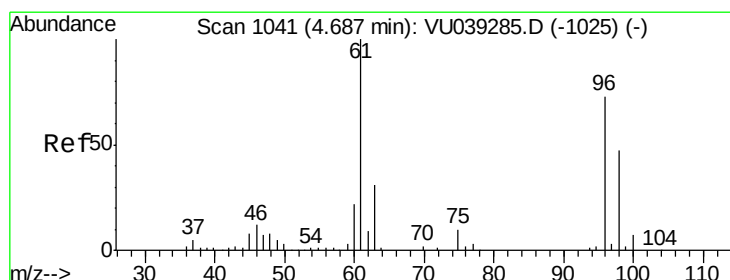
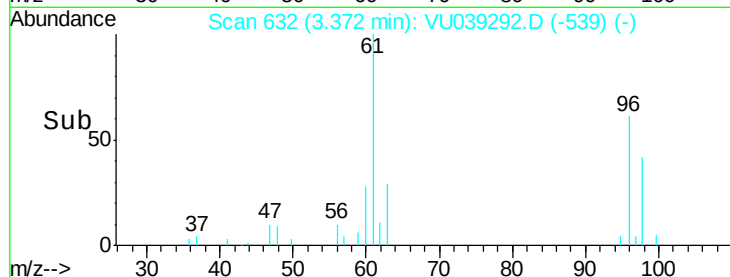
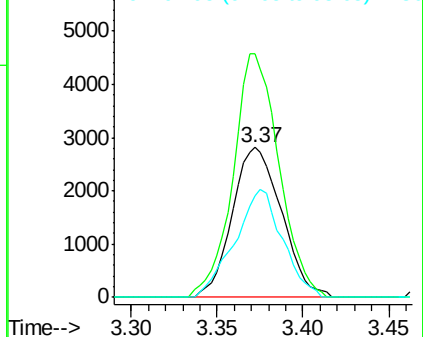


Abundance

Ion 96.00 (95.70 to 96.70): VU039292.D (-539) (-)

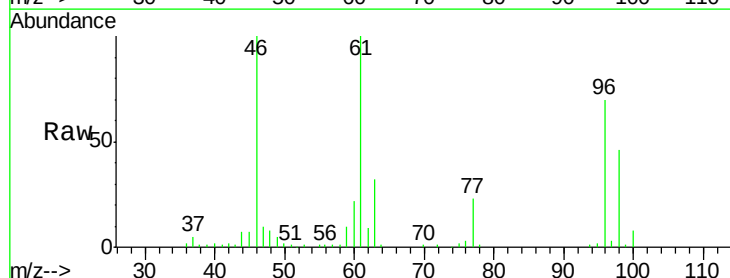
Ion 61.05 (60.75 to 61.75): VU039292.D (-539) (-)

Ion 97.95 (97.65 to 98.65): VU039292.D (-539) (-)



#22
cis-1,2-Dichloroethene
Concen: 5.509 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU039292.D
Acq: 06 Jul 2020 15:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.4	93.7	173.9
68	0.0	0.0	0.0

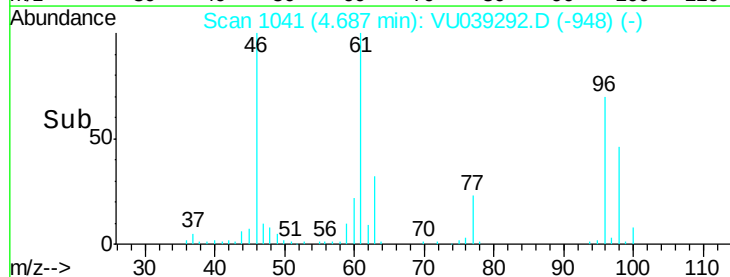
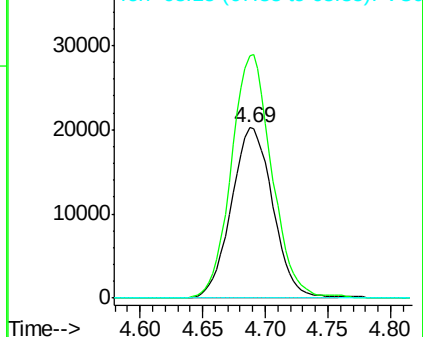


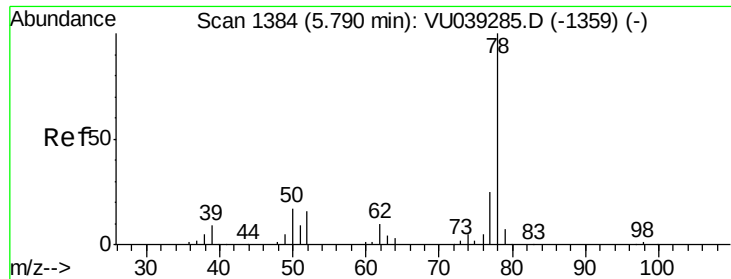
Abundance

Ion 96.00 (95.70 to 96.70): VU039292.D (-948) (-)

Ion 61.05 (60.75 to 61.75): VU039292.D (-948) (-)

Ion 68.15 (67.85 to 68.85): VU039292.D (-948) (-)





#33
Benzene
Concen: 0.115 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU039292.D
Acq: 06 Jul 2020 15:38

Instrument :
MSVOA_U
ClientSampleId :
H4276

Tgt Ion: 78 Resp: 3679

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