

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040956.D
 Acq On : 26 Oct 2020 19:53
 Operator : SY/MD
 Sample : L4492-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 C0AP2

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 3:12:12 PM

Quant Time: Oct 27 05:26:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 03:00:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	54452	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22891	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14157	3.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.80%
7) Chloroethane-d5	1.92	69	13582	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.58	63	22941	2.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.60%#
20) 2-Butanone-d5	4.67	46	85352	59.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.70%
24) Chloroform-d	5.08	84	36718	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.72	65	23670	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.74	84	61422	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.70	67	22445	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.91	98	46193	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	8.19	79	7872	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.64	63	60479	54.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.30%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22174	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	20999	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

					Ovalue
3) Chloromethane	1.53	50	1066	0.215 ug/L	87
13) Acetone	2.68	43	5087m	5.174 ug/L	
14) Carbon disulfide	2.81	76	1745	0.142 ug/L	96
15) Methyl Acetate	2.98	43	2594	1.153 ug/L #	58
16) Methylene chloride	3.06	84	1169	0.273 ug/L	93
33) Benzene	5.79	78	1508	0.093 ug/L	100
42) Toluene	7.98	91	3404	0.206 ug/L	98
47) Tetrachloroethene	8.56	164	130952	43.011 ug/L	97
53) m,p-Xylene	9.69	106	652	0.103 ug/L	90

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

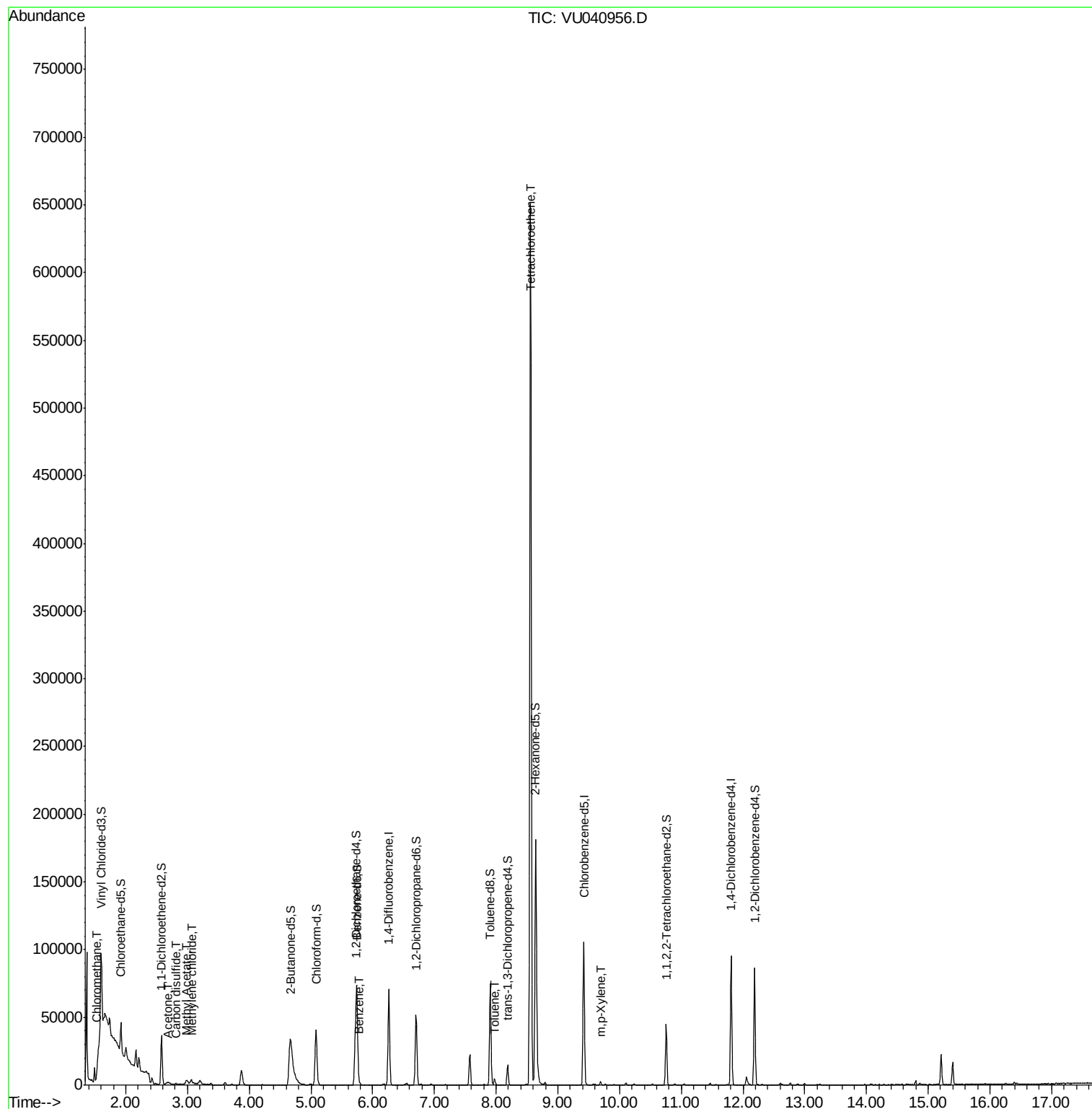
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102620\
Data File : VU040956.D
Acq On : 26 Oct 2020 19:53
Operator : SY/MD
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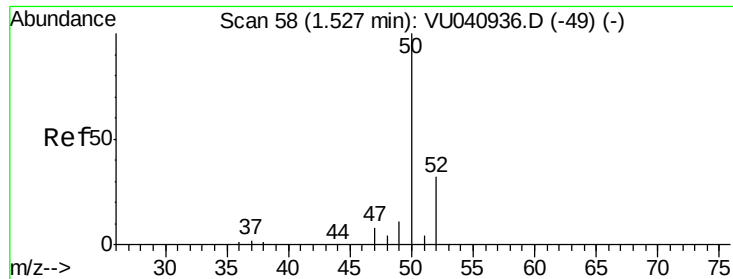
Instrument :
MSVOA_U
ClientSampleId :
C0AP2

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Quant Time: Oct 27 05:26:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 27 03:00:07 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.215 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040956.D

Acq: 26 Oct 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

C0AP2

Tot Ion: 50 Resp: 1066

Ion Ratio Lower Upper

50 100

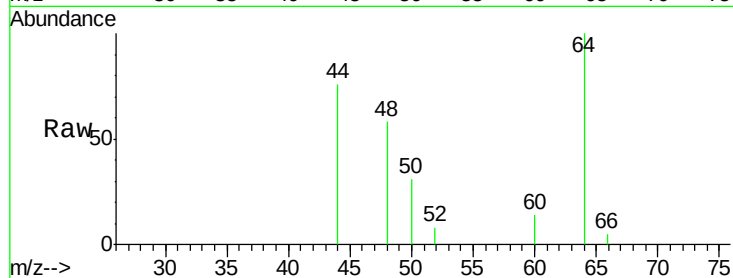
52 24.8 22.4 41.6

Manual Integrations

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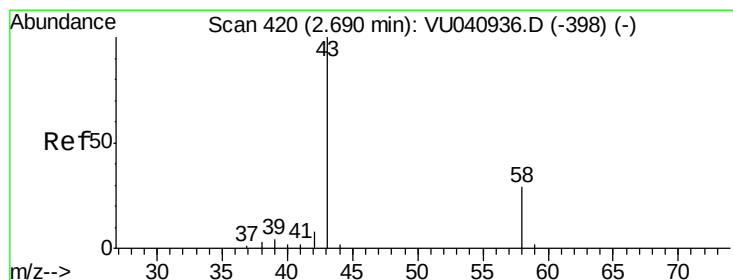
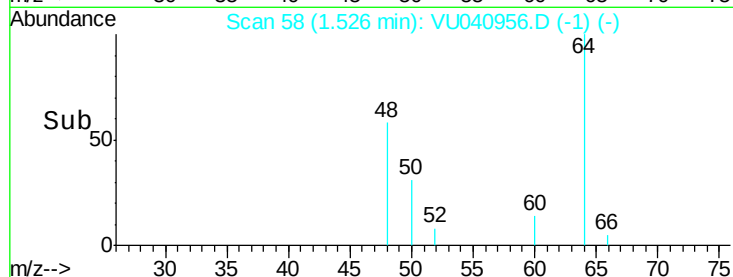
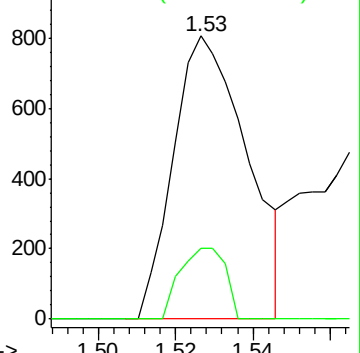
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Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 5.174 ug/L m

RT: 2.68 min Scan# 417

Delta R.T. -0.01 min

Lab File: VU040956.D

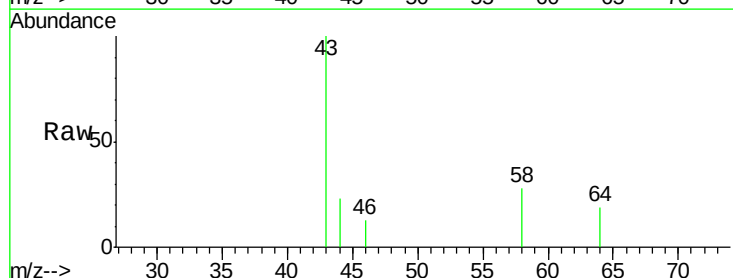
Acq: 26 Oct 2020 19:53

Tgt Ion: 43 Resp: 5087

Ion Ratio Lower Upper

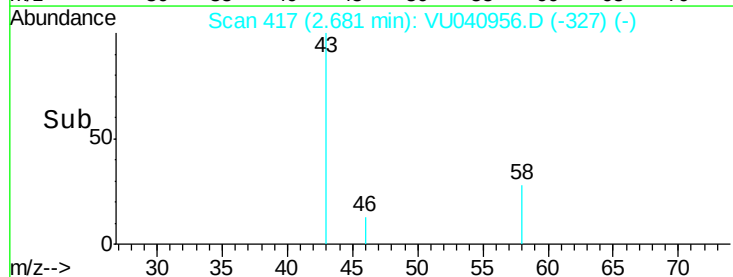
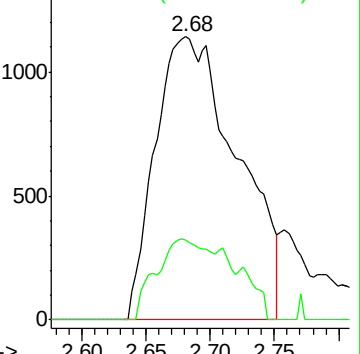
43 100

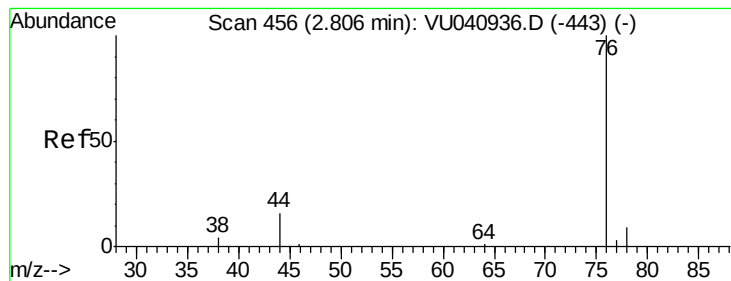
58 18.3 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.142 ug/L

RT: 2.81 min Scan# 457

Delta R.T. 0.00 min

Lab File: VU040956.D

Acq: 26 Oct 2020 19:53

Instrument :

MSVOA_U

ClientSampled :

C0AP2

Tot Ion: 76 Resp: 1745

Ion Ratio Lower Upper

76 100

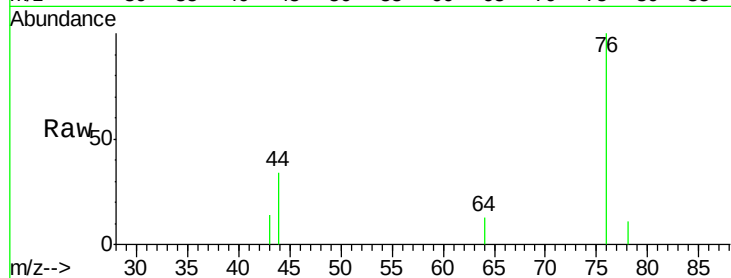
78 11.0 7.5 11.3

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Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

2.81

800

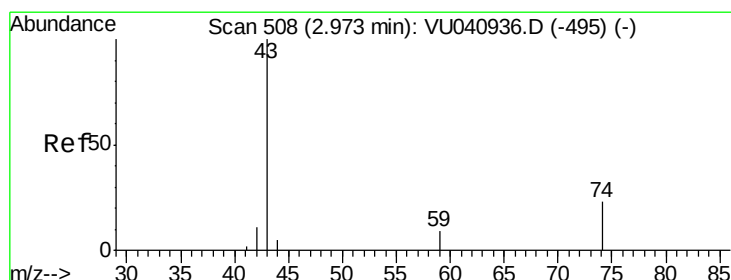
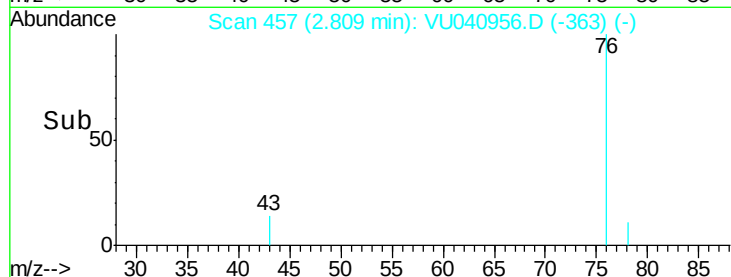
600

400

200

0

Time--> 2.75 2.80 2.85



#15

Methyl Acetate

Concen: 1.153 ug/L

RT: 2.98 min Scan# 510

Delta R.T. 0.01 min

Lab File: VU040956.D

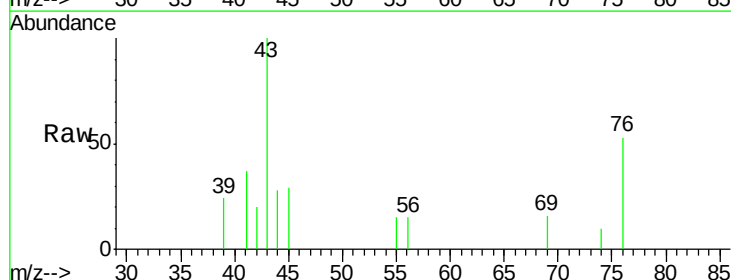
Acq: 26 Oct 2020 19:53

Tgt Ion: 43 Resp: 2594

Ion Ratio Lower Upper

43 100

74 2.5 18.3 27.5#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

1200

1000

800

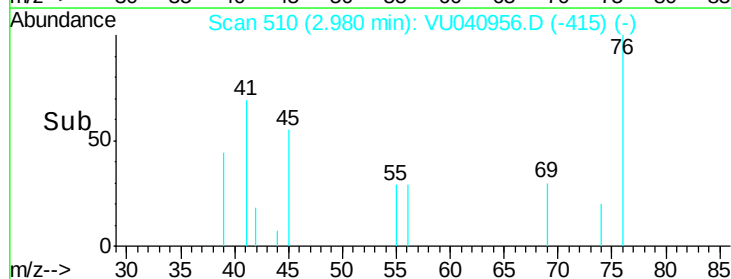
600

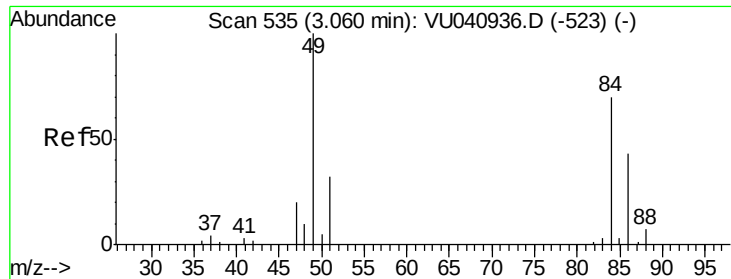
400

200

0

Time--> 2.90 2.95 3.00 3.05





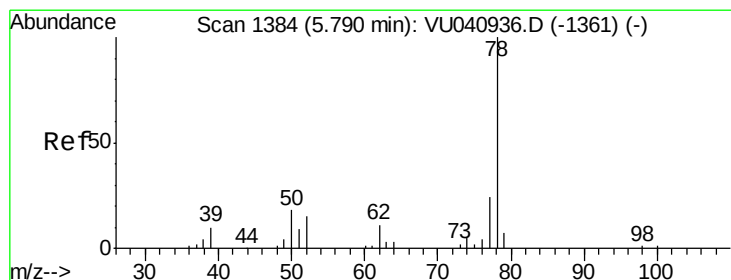
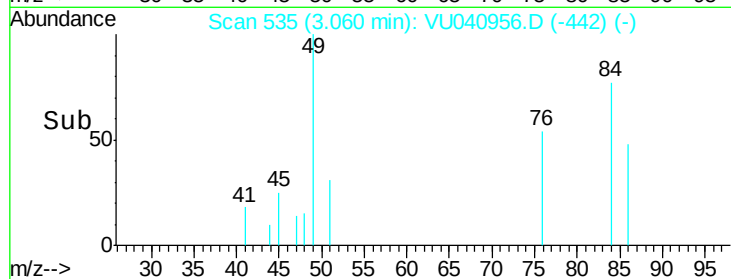
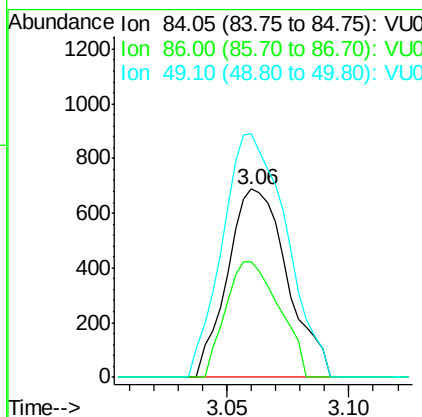
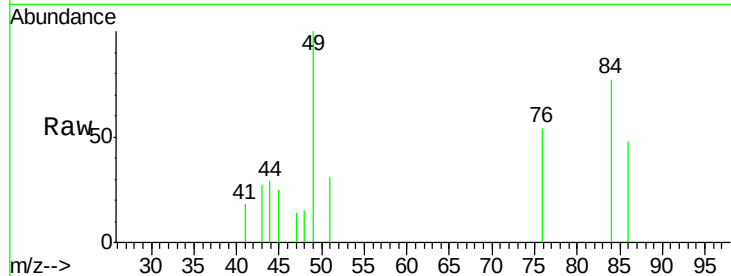
#16
Methvlene chloride
Concen: 0.273 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040956.D
Acq: 26 Oct 2020 19:53

Instrument :
MSVOA_U
ClientSampled :
C0AP2

Tot Ion: 84 Resp: 1169
Ion Ratio Lower Upper
84 100
86 61.6 42.8 79.6
49 129.5 99.5 184.7

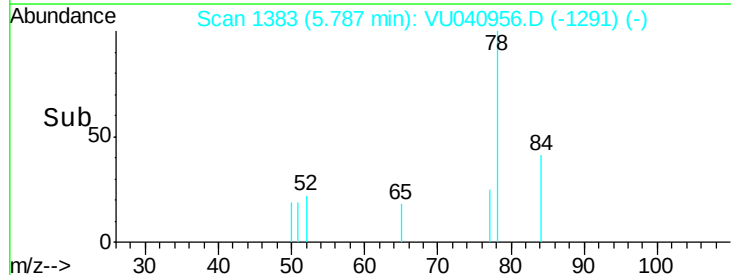
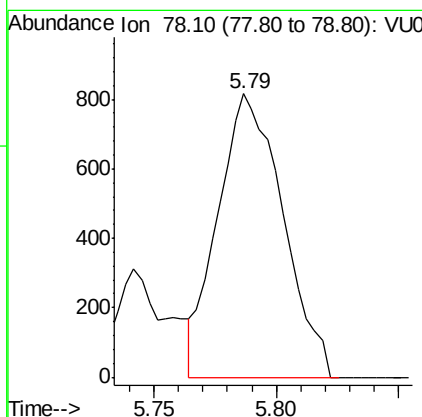
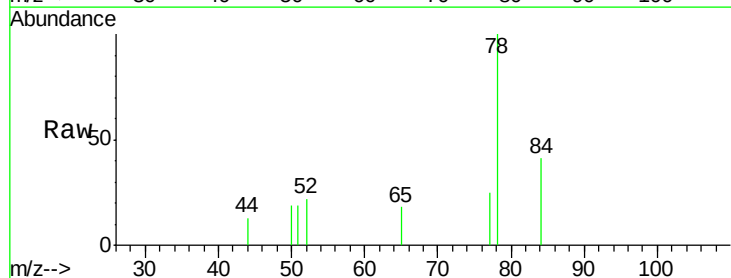
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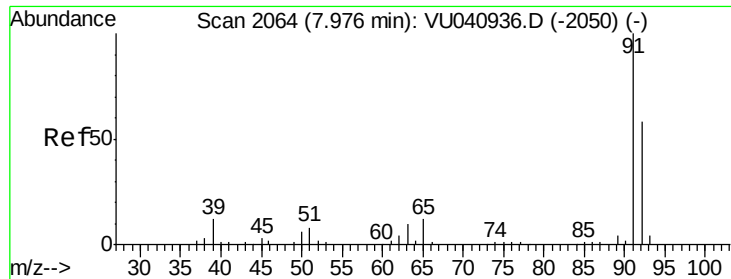
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#33
Benzene
Concen: 0.093 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040956.D
Acq: 26 Oct 2020 19:53

Tgt Ion: 78 Resp: 1508





#42

Toluene

Concen: 0.206 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040956.D

Acq: 26 Oct 2020 19:53

Instrument :

MSVOA_U

ClientSampleId :

C0AP2

Tot Ion: 91 Resp: 3404

Ion Ratio Lower Upper

91 100

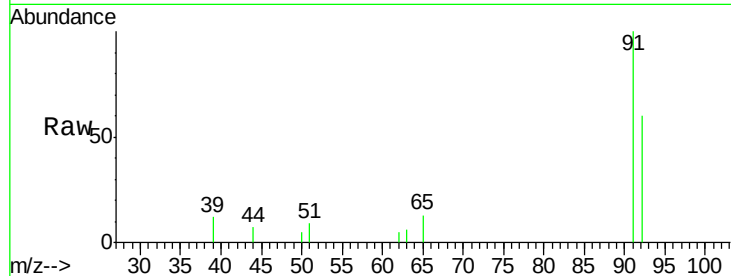
92 59.9 40.6 75.4

Manual Integrations

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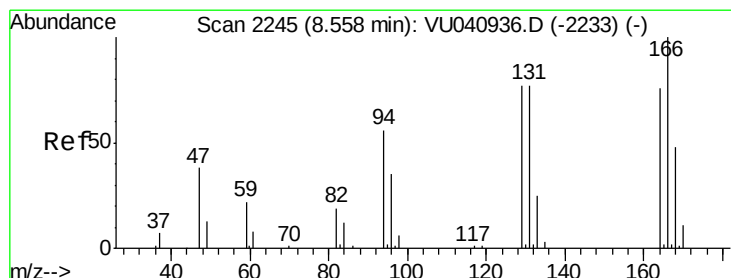
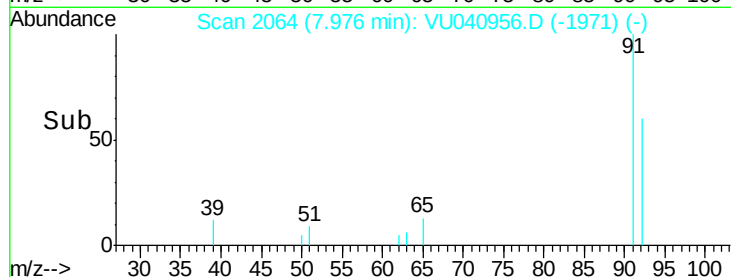
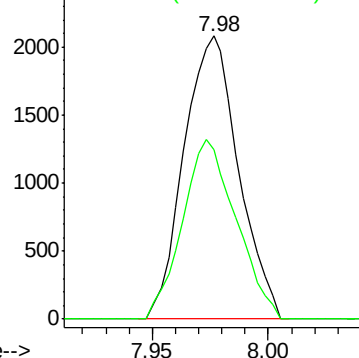
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Abundance Ion 91.15 (90.85 to 91.85): VU040936.D (-2050) (-)

Ion 92.15 (91.85 to 92.85): VU040936.D (-2050) (-)



#47

Tetrachloroethene

Concen: 43.011 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VU040956.D

Acq: 26 Oct 2020 19:53

Tgt Ion: 164 Resp: 130952

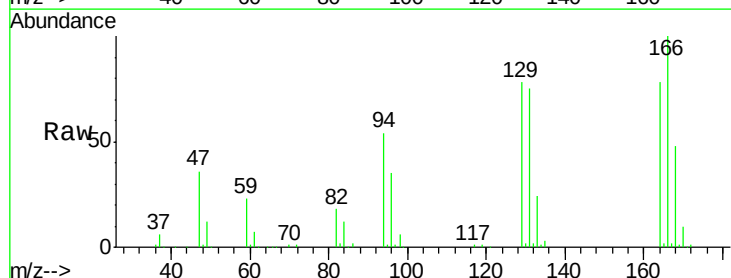
Ion Ratio Lower Upper

164 100

129 99.2 70.3 130.7

131 95.2 70.8 131.4

166 127.7 92.0 170.8

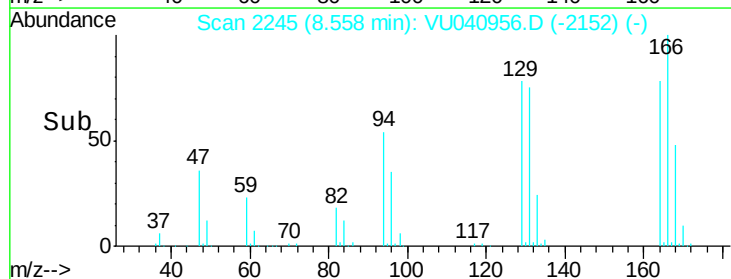
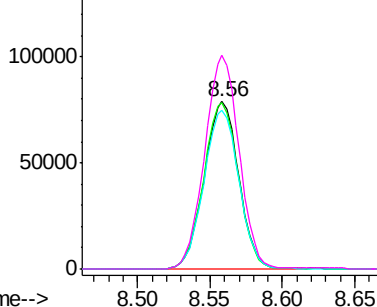


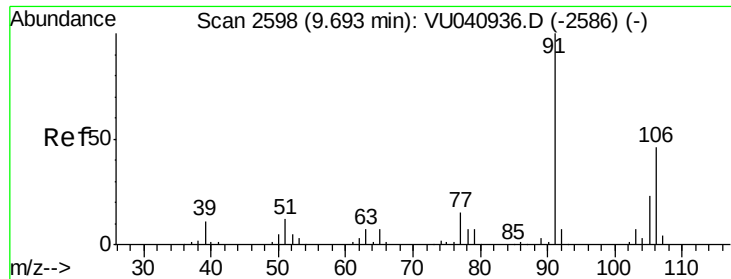
Abundance Ion 163.90 (163.60 to 164.60): VU040936.D (-2233) (-)

Ion 128.95 (128.65 to 129.65): VU040936.D (-2233) (-)

Ion 130.95 (130.65 to 131.65): VU040936.D (-2233) (-)

Ion 165.90 (165.60 to 166.60): VU040936.D (-2233) (-)





#53
 m,p-Xylene
 Concen: 0.103 ug/L
 RT: 9.69 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VU040956.D
 Acq: 26 Oct 2020 19:53

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AP2

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.2	150.9	280.3

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