

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U062220\
 Data File : VU039031.D
 Acq On : 23 Jun 2020 01:54
 Operator : SY/MD
 Sample : L3073-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L47

Quant Time: Jun 23 04:02:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 01:25:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	247218	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256661	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	109004	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118638	5.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.00%
7) Chloroethane-d5	1.93	69	90210	6.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.00%
11) 1,1-Dichloroethene-d2	2.59	63	163987	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	4.66	46	367297	55.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.10%
24) Chloroform-d	5.10	84	177772	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	127231	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.20%
32) Benzene-d6	5.76	84	413338	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	6.72	67	137761	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.92	98	322639	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.20	79	53906	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.65	63	282420	54.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.08%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	118235	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	128159	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

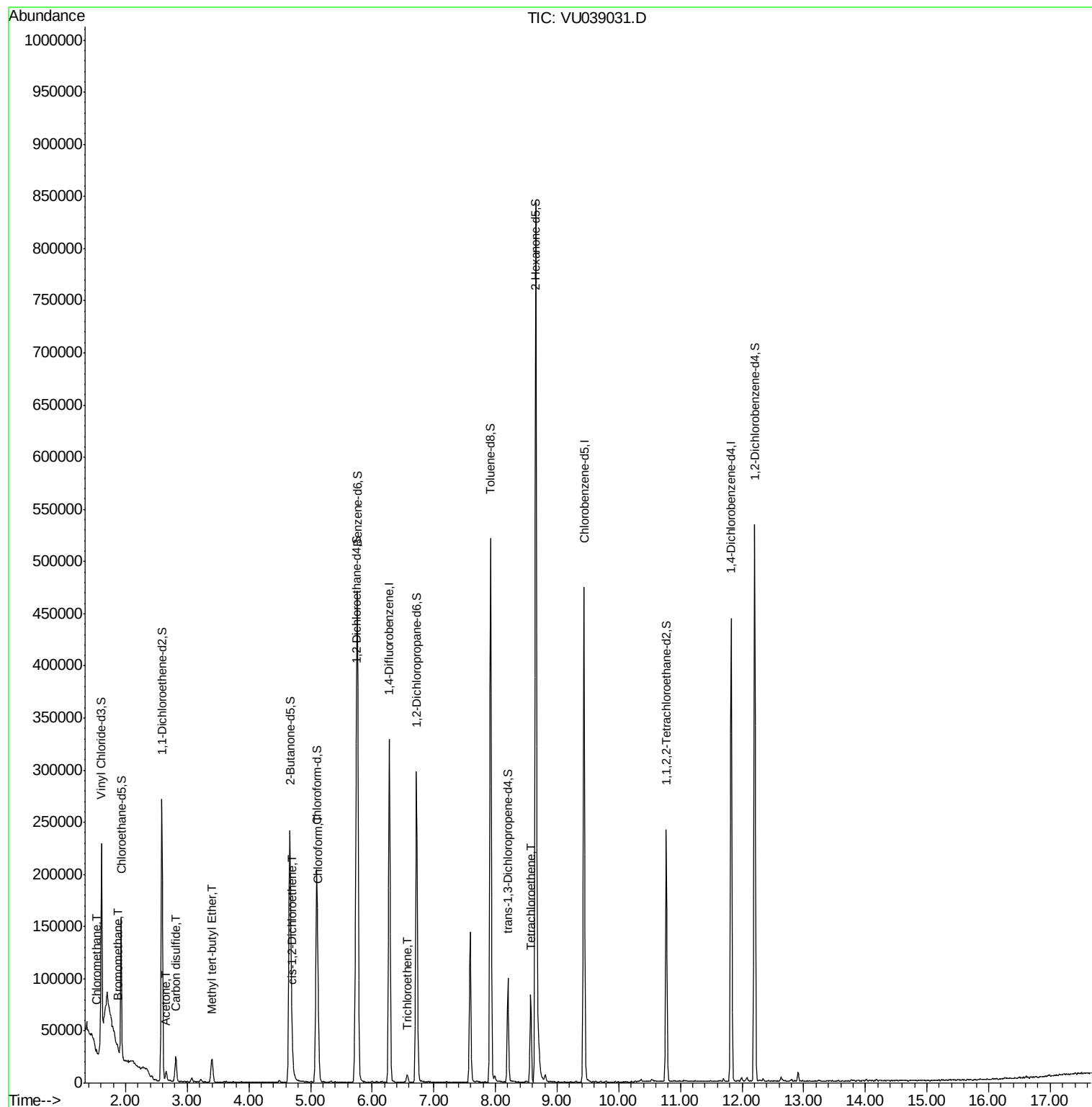
					Ovalue
3) Chloromethane	1.53	50	1452	0.106 ug/L	96
6) Bromomethane	1.87	94	957	0.159 ug/L	84
13) Acetone	2.66	43	10943	2.623 ug/L	99
14) Carbon disulfide	2.82	76	27141	0.439 ug/L	100
17) Methyl tert-butyl Ether	3.40	73	22000	0.509 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	6525	0.319 ug/L	97
25) Chloroform	5.12	83	35118	0.897 ug/L	98
34) Trichloroethene	6.58	95	2551	0.123 ug/L	81
47) Tetrachloroethene	8.57	164	17864	1.226 ug/L	96

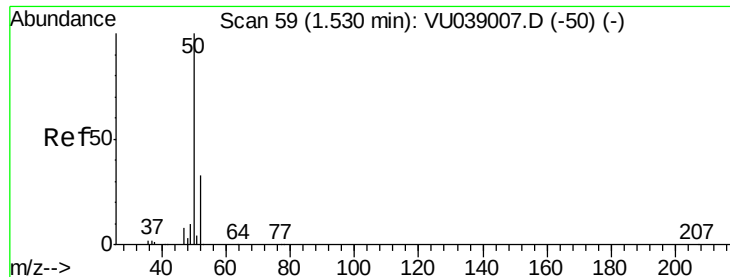
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

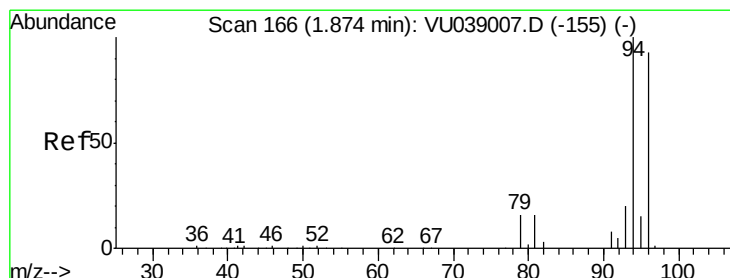
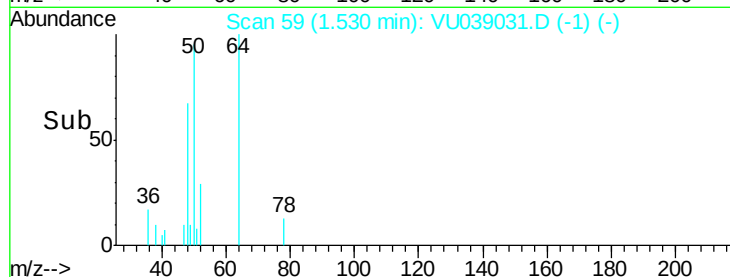
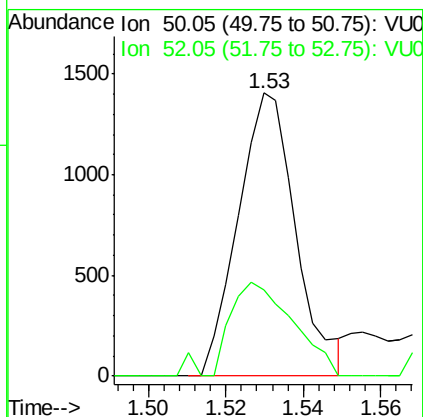
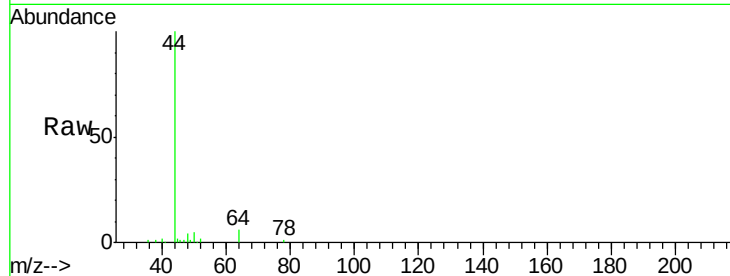




#3
Chloromethane
Concen: 0.106 ug/L
RT: 1.53 min Scan# 59
Delta R.T. 0.00 min
Lab File: VU039031.D
Acq: 23 Jun 2020 01:54

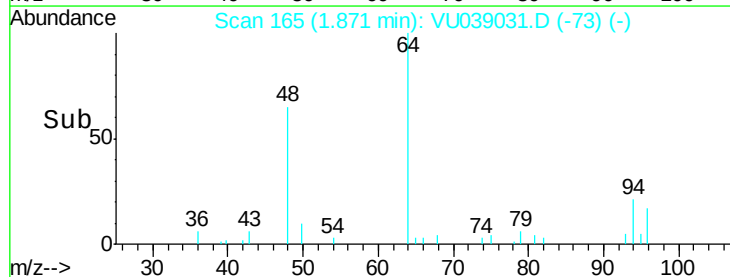
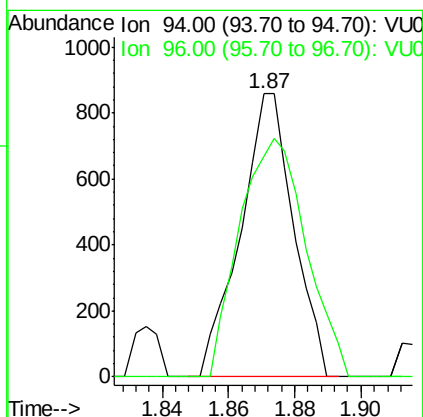
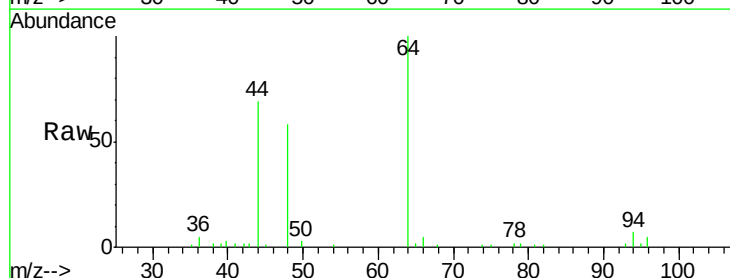
Instrument :
MSVOA_U
ClientSampleId :
F9L47

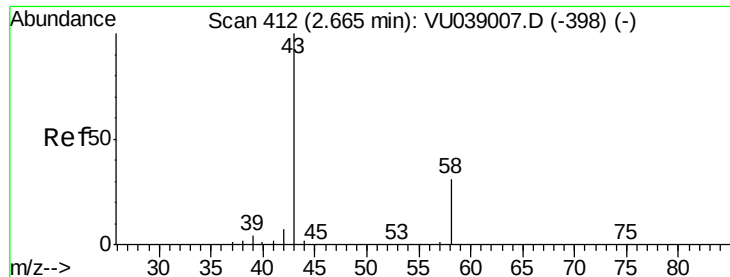
Tot Ion: 50 Resp: 1452
Ion Ratio Lower Upper
50 100
52 30.5 23.0 42.6



#6
Bromomethane
Concen: 0.159 ug/L
RT: 1.87 min Scan# 165
Delta R.T. -0.00 min
Lab File: VU039031.D
Acq: 23 Jun 2020 01:54

Tgt Ion: 94 Resp: 957
Ion Ratio Lower Upper
94 100
96 78.1 65.5 121.7





#13

Acetone

Concen: 2.623 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU039031.D

Acq: 23 Jun 2020 01:54

Instrument :

MSVOA_U

ClientSampled :

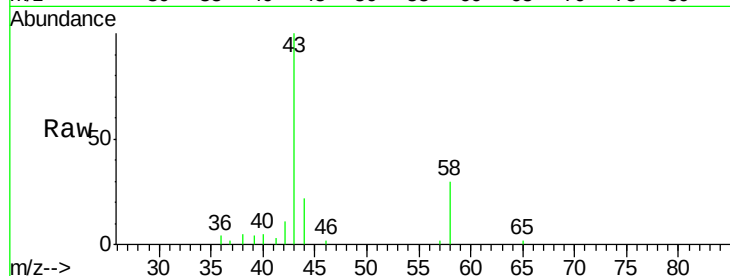
F9L47

Tot Ion: 43 Resp: 10943

Ion Ratio Lower Upper

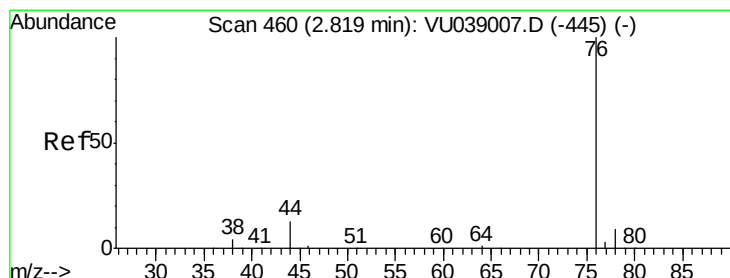
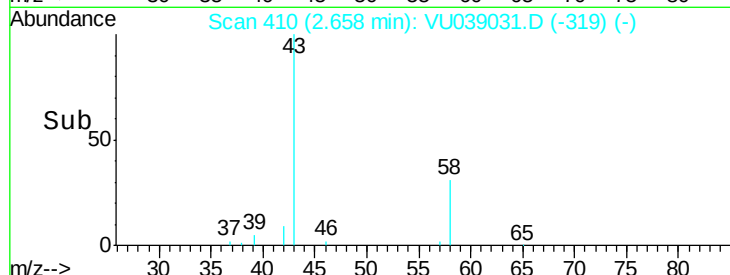
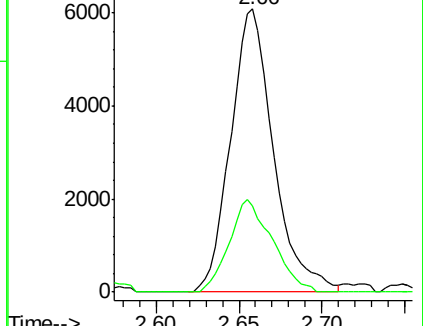
43 100

58 32.9 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU039007.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VU039007.D (-398) (-)



#14

Carbon disulfide

Concen: 0.439 ug/L

RT: 2.82 min Scan# 459

Delta R.T. -0.00 min

Lab File: VU039031.D

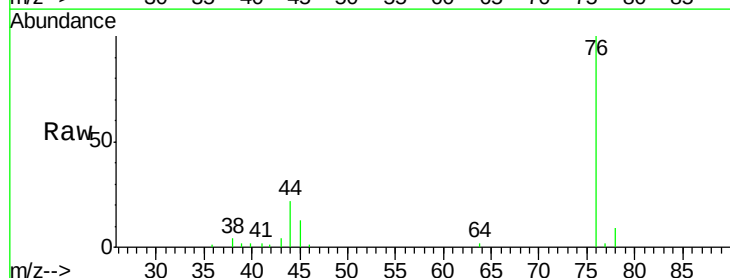
Acq: 23 Jun 2020 01:54

Tgt Ion: 76 Resp: 27141

Ion Ratio Lower Upper

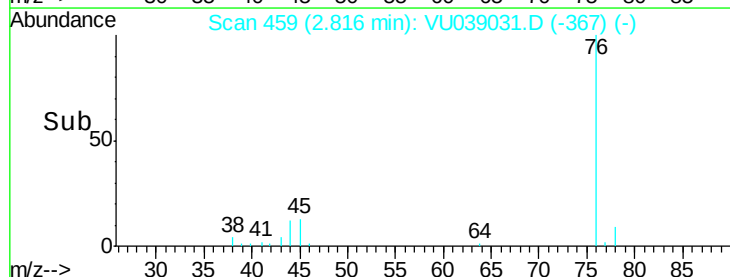
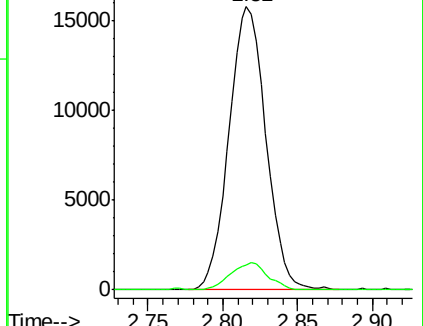
76 100

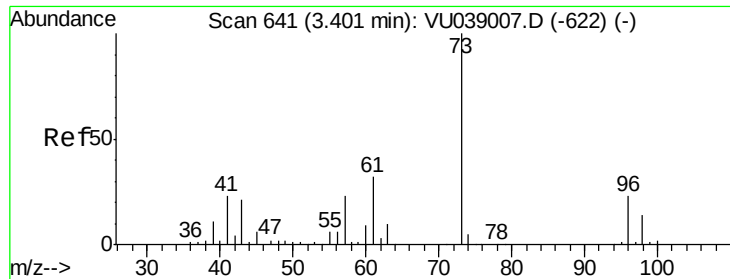
78 8.9 7.1 10.7



Abundance Ion 76.05 (75.75 to 76.75): VU039007.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU039007.D (-445) (-)

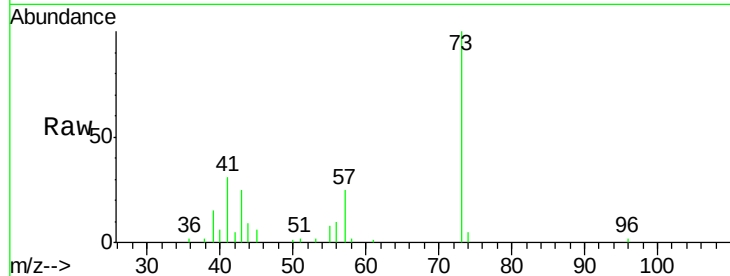




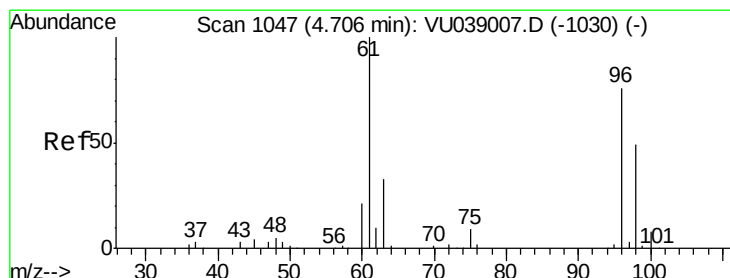
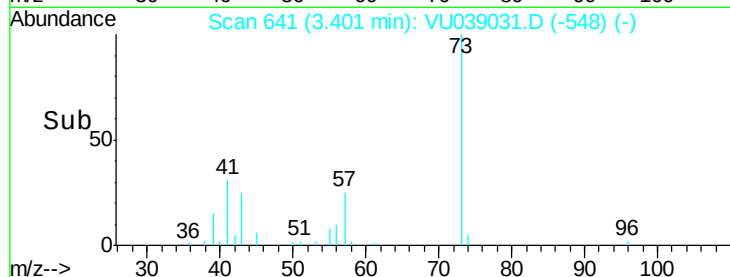
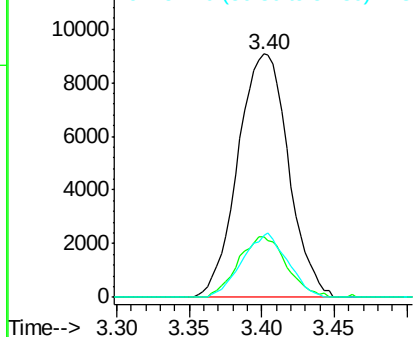
#17
Methyl tert-butyl Ether
Concen: 0.509 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU039031.D
Acq: 23 Jun 2020 01:54

Instrument :
MSVOA_U
ClientSampled :
F9L47

Tot Ion: 73 Resp: 22000
Ion Ratio Lower Upper
73 100
43 23.6 16.7 25.1
57 23.5 18.8 28.2

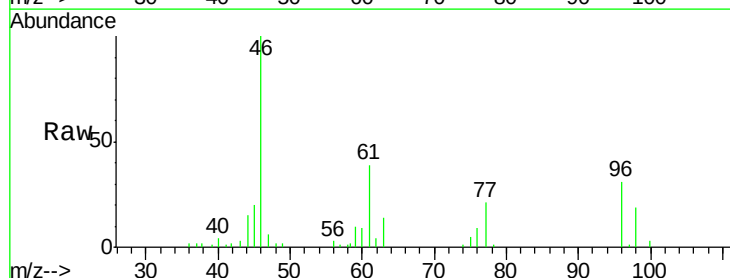


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

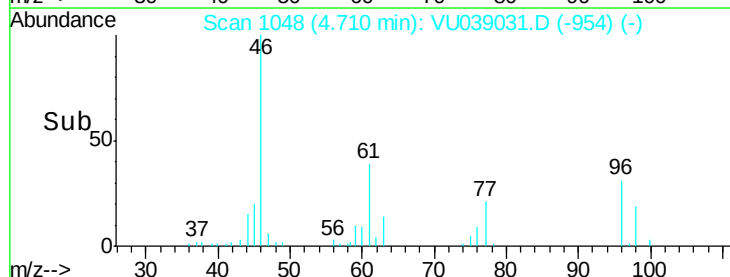
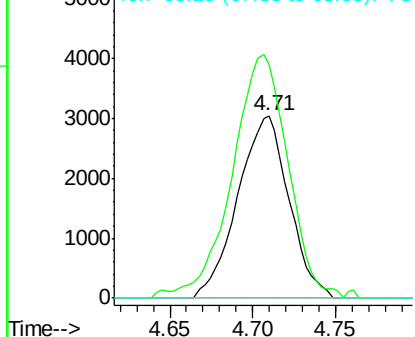


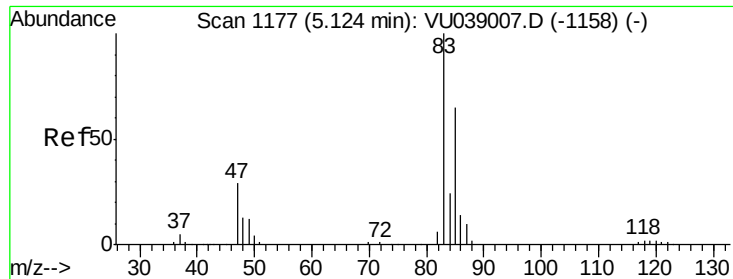
#22
cis-1,2-Dichloroethene
Concen: 0.319 ug/L
RT: 4.71 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU039031.D
Acq: 23 Jun 2020 01:54

Tgt Ion: 96 Resp: 6525
Ion Ratio Lower Upper
96 100
61 127.7 92.0 170.8
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0

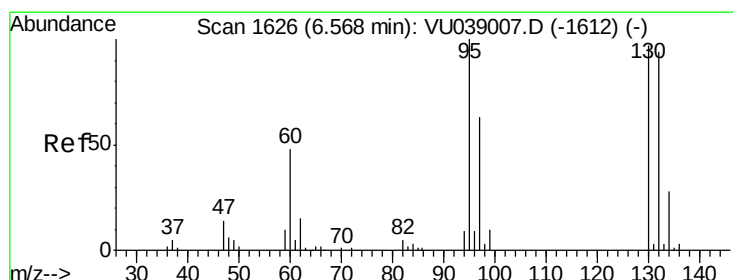
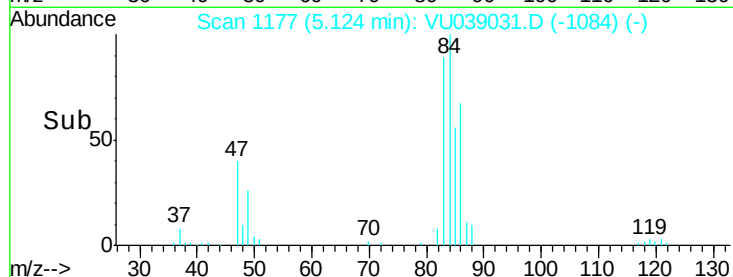
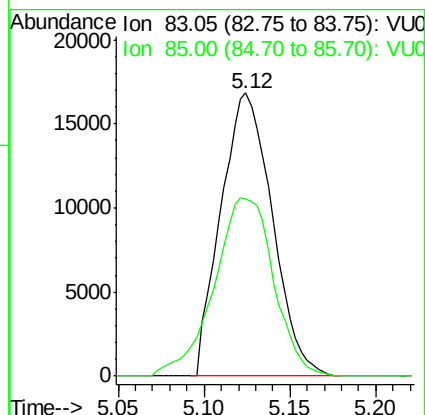
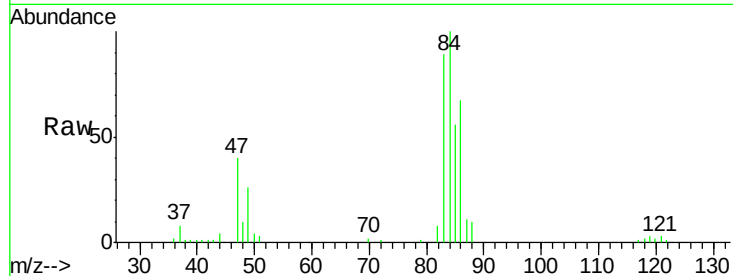




#25
Chloroform
Concen: 0.897 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU039031.D
Acq: 23 Jun 2020 01:54

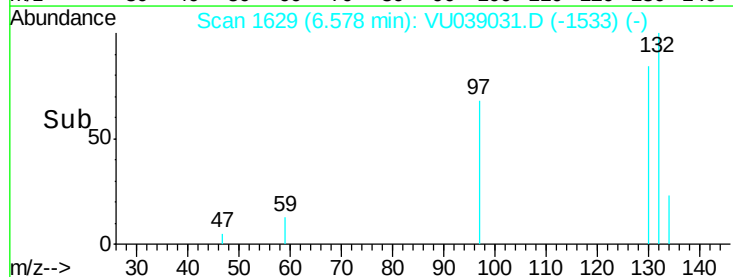
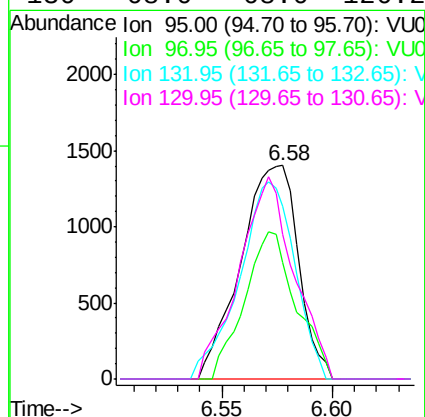
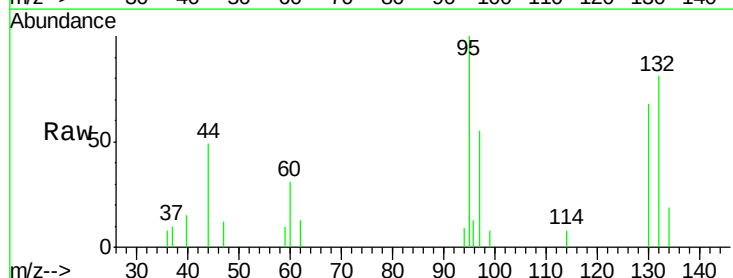
Instrument :
MSVOA_U
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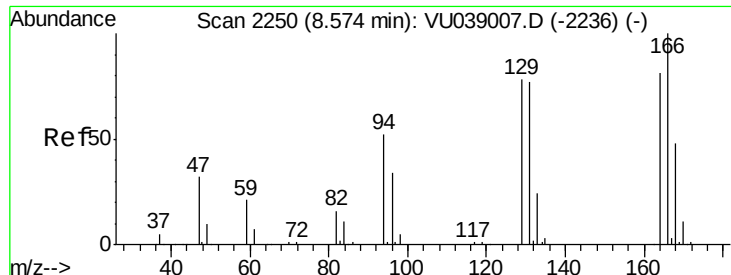
Tot Ion: 83 Resp: 35118
Ion Ratio Lower Upper
83 100
85 62.7 44.9 83.5



#34
Trichloroethene
Concen: 0.123 ug/L
RT: 6.58 min Scan# 1629
Delta R.T. 0.01 min
Lab File: VU039031.D
Acq: 23 Jun 2020 01:54

Tgt Ion: 95 Resp: 2551
Ion Ratio Lower Upper
95 100
97 54.7 46.0 85.4
132 80.7 65.0 120.6
130 68.0 68.0 126.2





#47

Tetrachloroethene

Concen: 1.226 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU039031.D

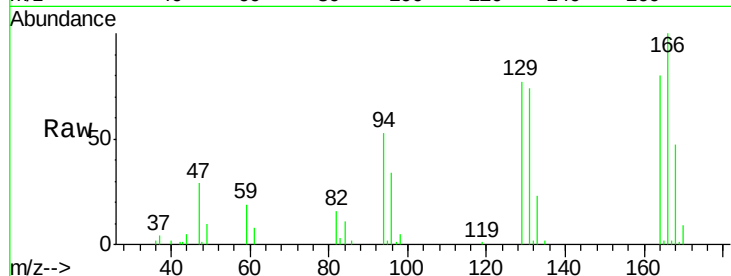
Acq: 23 Jun 2020 01:54

Instrument :

MSVOA_U

ClientSampleId :

F9L47



Tot Ion:164 Resp: 17864

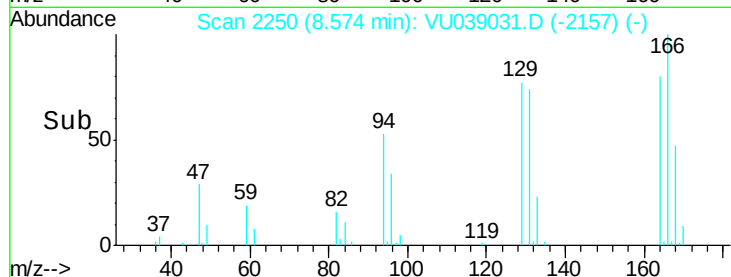
Ion Ratio Lower Upper

164 100

129 96.5 69.2 128.6

131 92.6 66.9 124.3

166 125.7 93.0 172.8



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

