

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U111819\
 Data File : VU035747.D
 Acq On : 18 Nov 2019 16:46
 Operator : JC/SP
 Sample : K5911-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:36:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 00:32:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	189609	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	219114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	86842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86484	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.93	69	80331	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	113447	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.70	46	225865	52.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	5.11	84	154389	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.75	65	87083	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.77	84	315966	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.74	67	107988	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.93	98	257131	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
43) trans-1,3-Dichloropropene-	8.22	79	36810	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.68	63	159501	45.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.40%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94908	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	90080	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

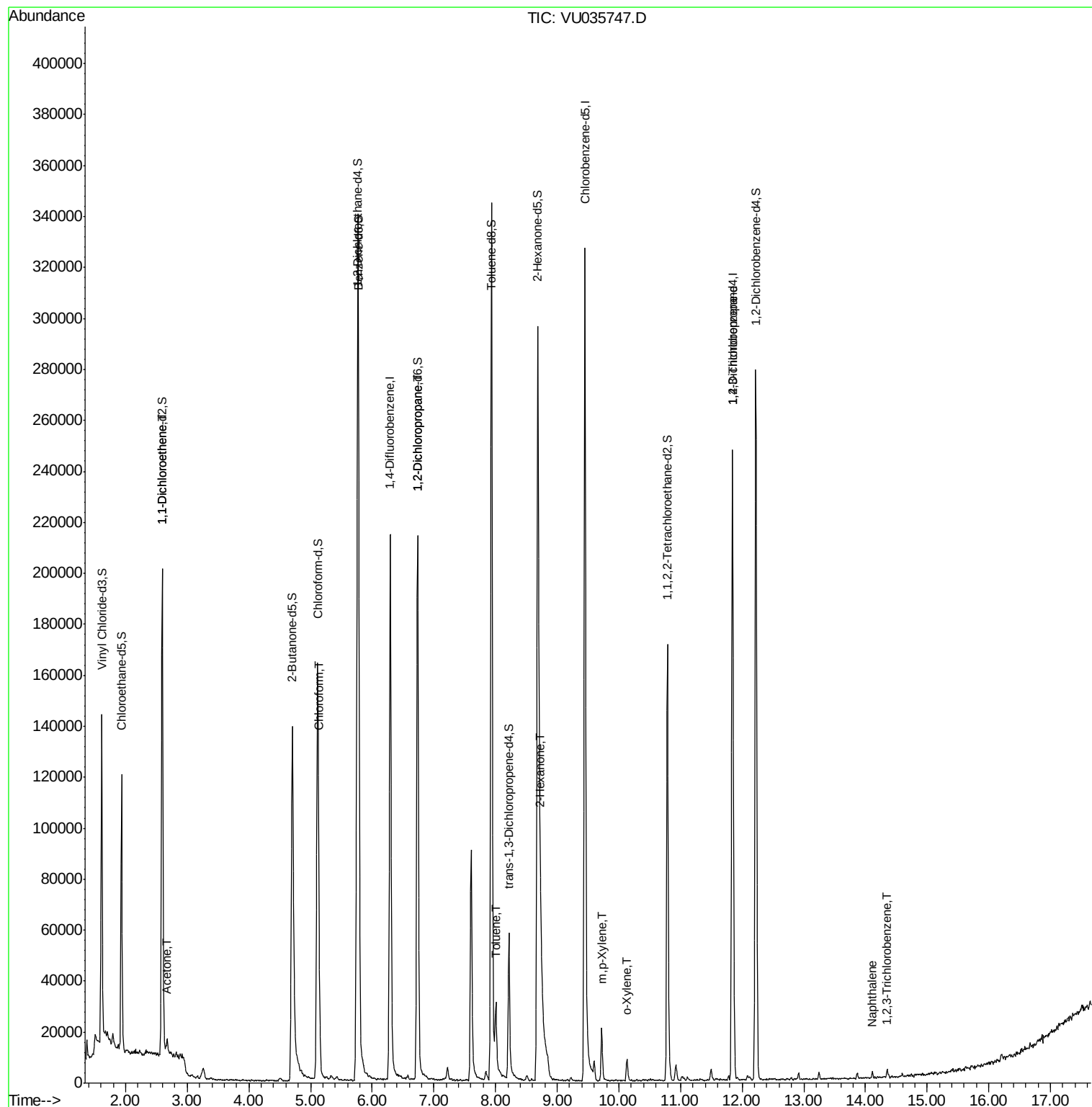
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1170	0.070	ug/L #	1
13) Acetone	2.67	43	6161	1.983	ug/L	98
25) Chloroform	5.14	83	20098	0.580	ug/L	93
37) 1,2-Dichloropropane	6.74	63	10913	0.537	ug/L #	88
42) Toluene	8.01	91	19523	0.241	ug/L	97
48) 2-Hexanone	8.73	43	19493	2.348	ug/L #	88
53) m,p-Xylene	9.73	106	6126	0.189	ug/L	93
54) o-Xylene	10.13	106	2400	0.077	ug/L	95
59) 1,2,3-Trichloropropane	11.84	75	9283	0.691	ug/L	100
69) Naphthalene	14.11	128	2377	0.170	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	1323	0.121	ug/L #	94

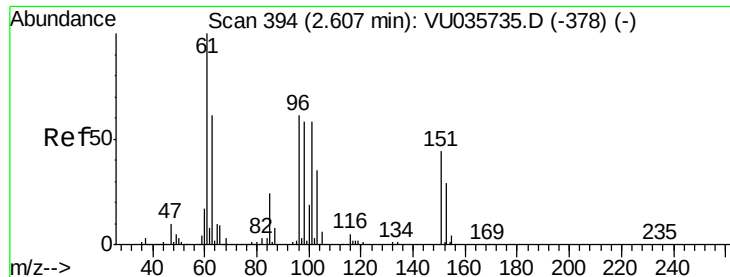
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU035747.D

Acq: 18 Nov 2019 16:46

Instrument :

MSVOA_U

ClientSampleId :

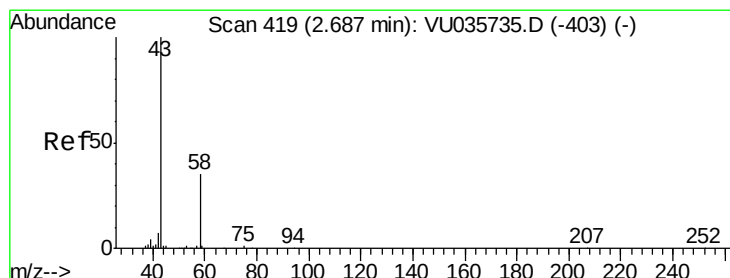
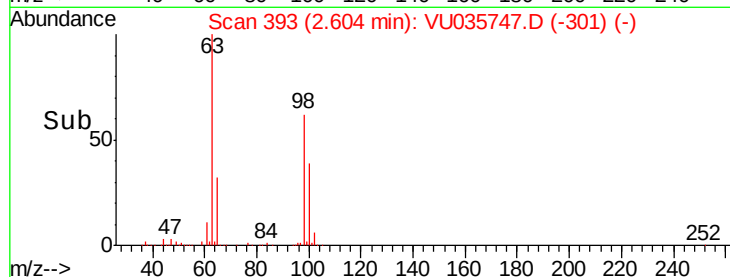
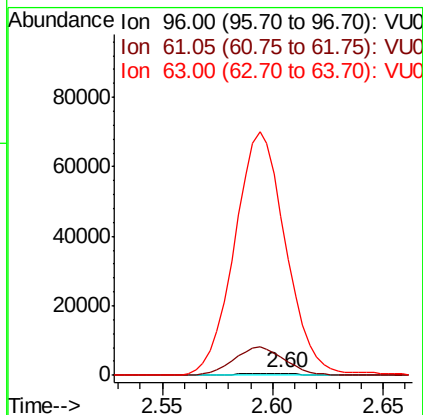
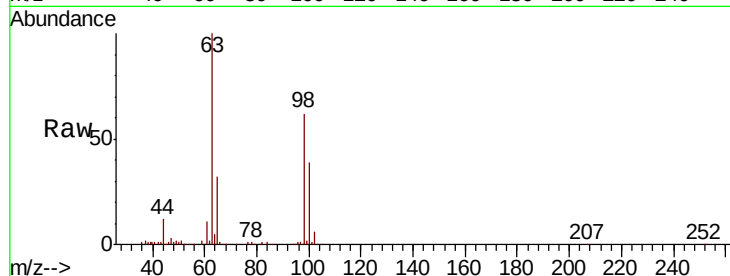
Tot Ion: 96 Resp: 1170

Ion Ratio Lower Upper

96 100

61 904.2 123.1 228.5#

63 8056.1 87.8 163.0#



#13

Acetone

Concen: 1.983 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035747.D

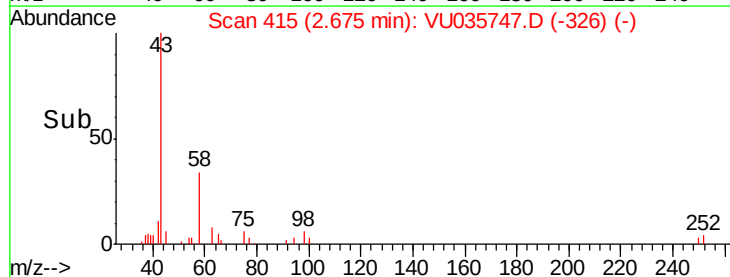
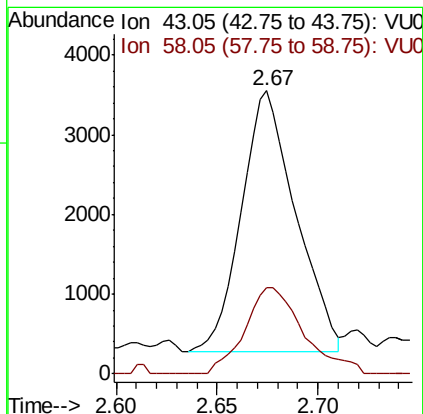
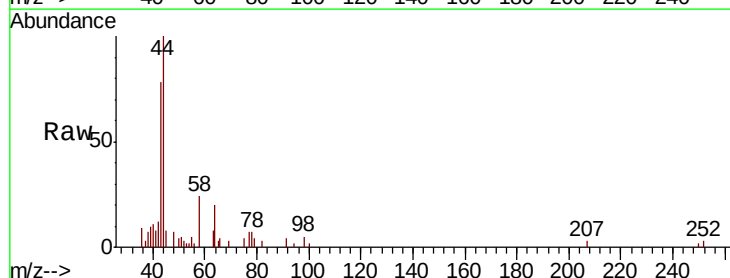
Acq: 18 Nov 2019 16:46

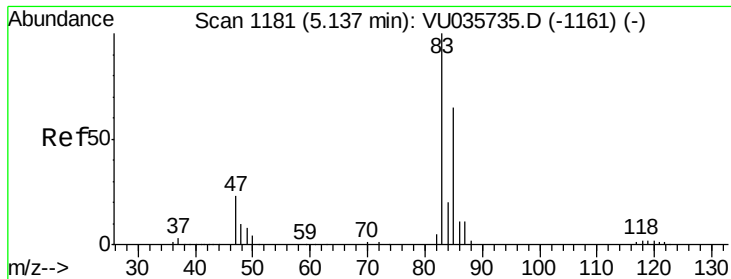
Tgt Ion: 43 Resp: 6161

Ion Ratio Lower Upper

43 100

58 35.8 0.0 69.8

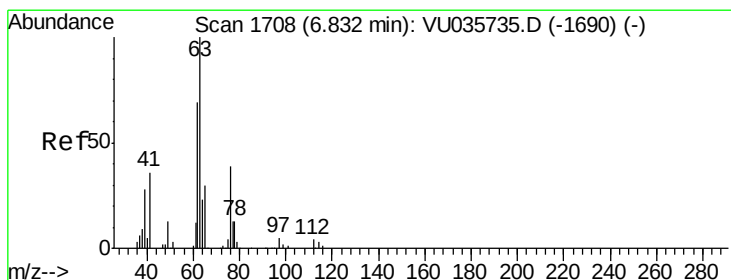
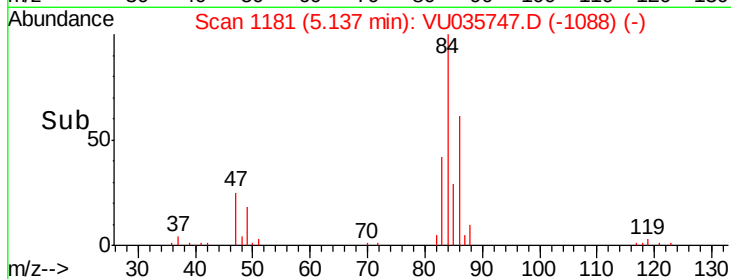
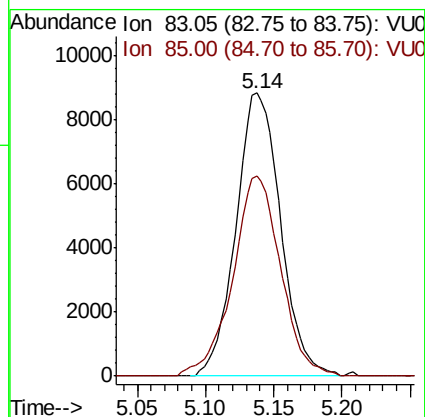
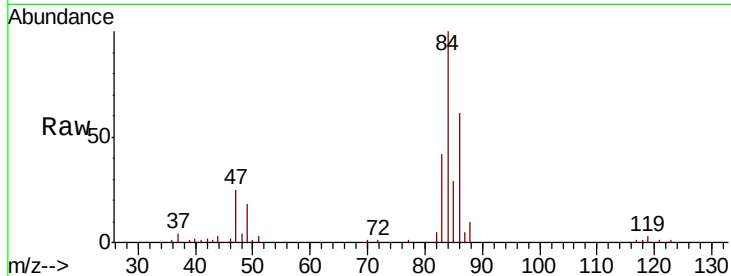




#25
Chloroform
Concen: 0.580 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

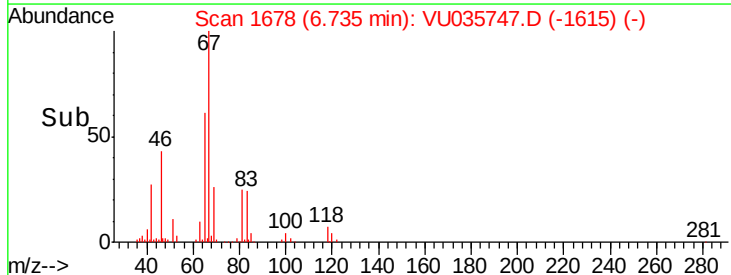
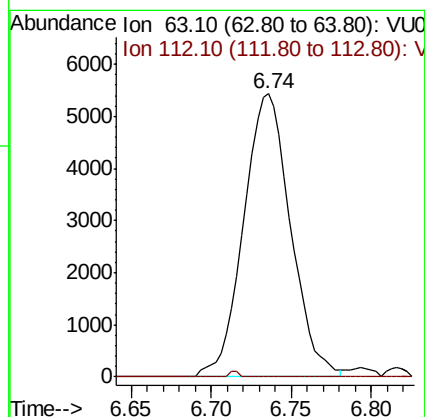
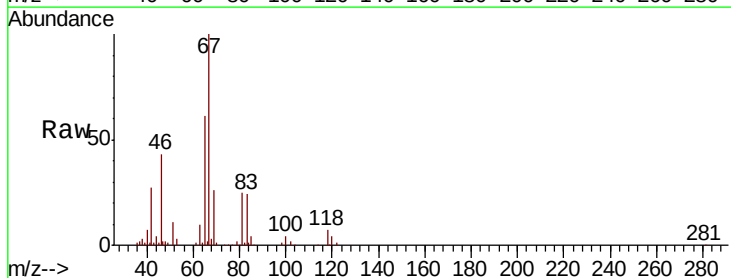
Instrument :
MSVOA_U
ClientSampleId :

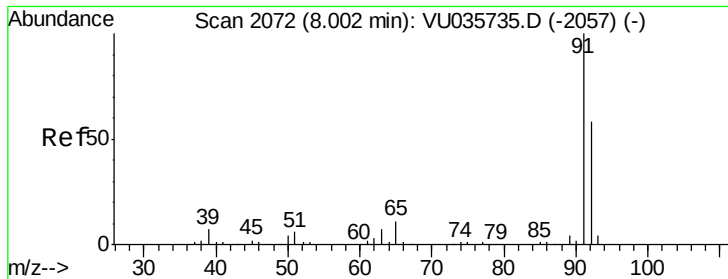
Tot Ion: 83 Resp: 20098
Ion Ratio Lower Upper
83 100
85 70.6 45.4 84.2



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Tgt Ion: 63 Resp: 10913
Ion Ratio Lower Upper
63 100
112 0.4 3.4 5.2#





#42

Toluene

Concen: 0.241 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035747.D

Acq: 18 Nov 2019 16:46

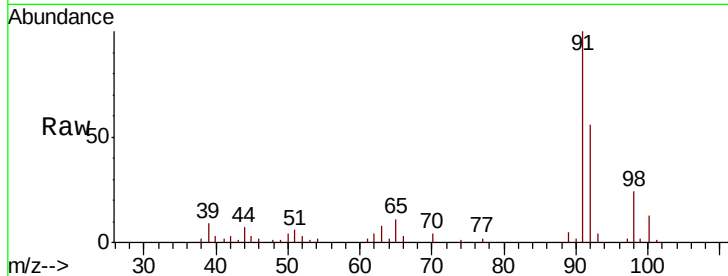
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 19523

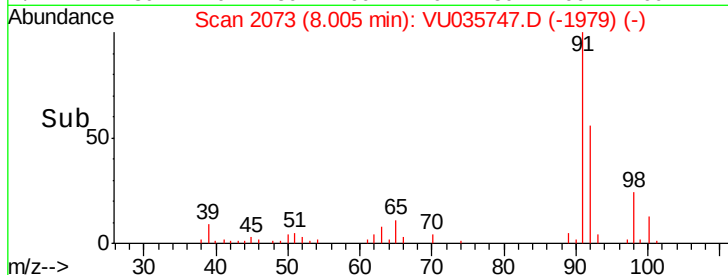
Ion Ratio Lower Upper

91 100

92 55.8 40.5 75.3



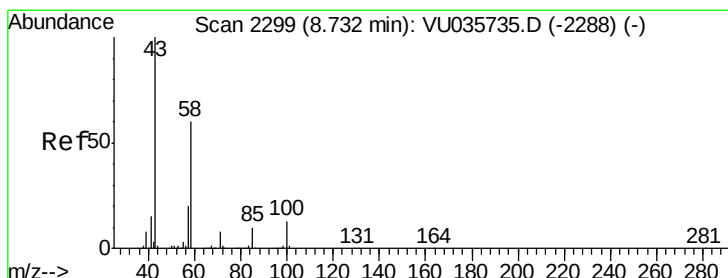
Abundance Ion 91.15 (90.85 to 91.85): VU035747.D (-1979) (-)



Ion 92.15 (91.85 to 92.85): VU035747.D (-1979) (-)

8.01

Time-->



#48

2-Hexanone

Concen: 2.348 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VU035747.D

Acq: 18 Nov 2019 16:46

Tgt Ion: 43 Resp: 19493

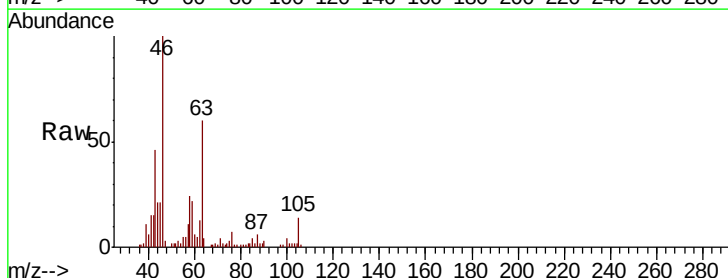
Ion Ratio Lower Upper

43 100

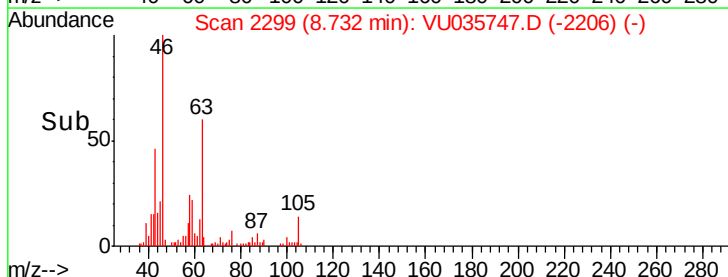
58 43.1 44.1 66.1#

57 17.6 15.1 22.7

100 9.4 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VU035747.D (-2206) (-)



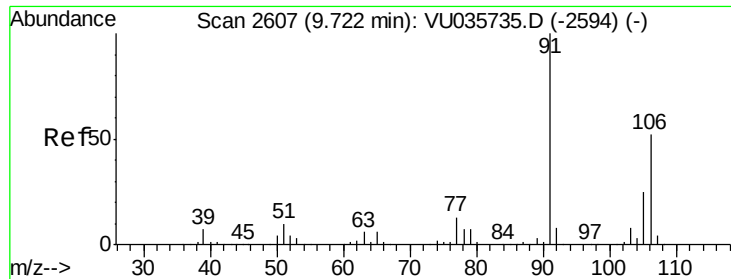
Ion 58.05 (57.75 to 58.75): VU035747.D (-2206) (-)

Ion 57.20 (56.90 to 57.90): VU035747.D (-2206) (-)

Ion 100.15 (99.85 to 100.85): VU035747.D (-2206) (-)

8.73

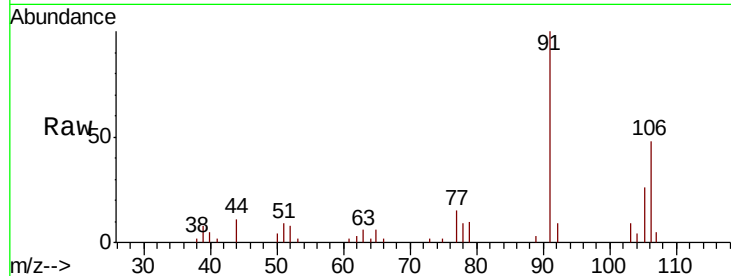
Time-->



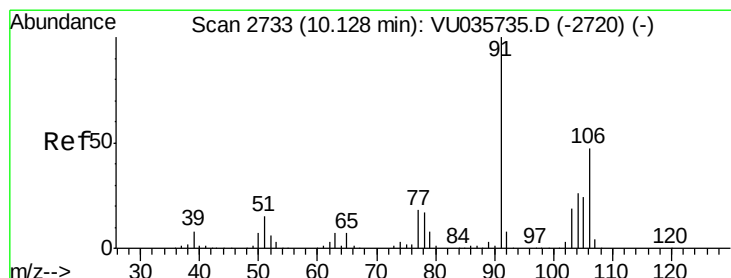
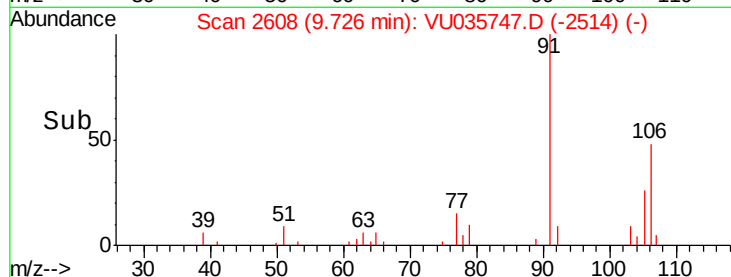
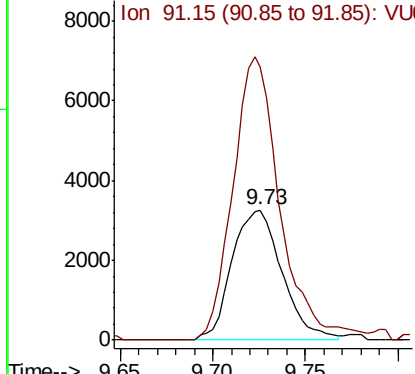
#53
m,p-Xylene
Concen: 0.189 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:106 Resp: 6126
Ion Ratio Lower Upper
106 100
91 210.5 139.4 259.0

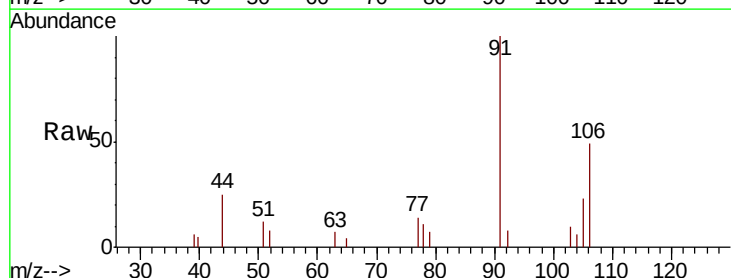


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

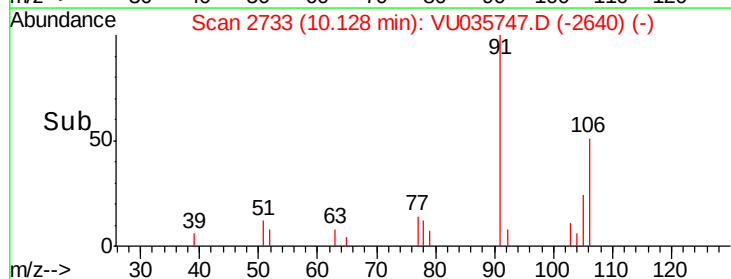
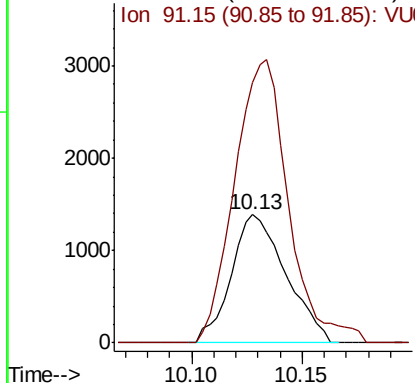


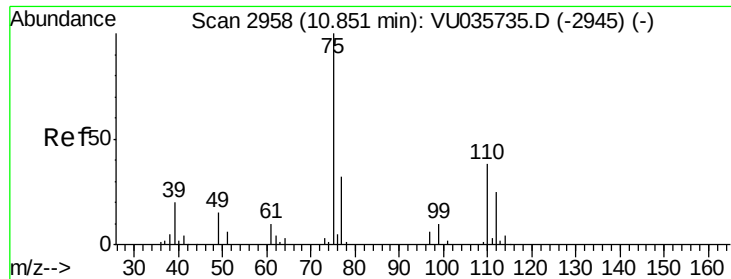
#54
o-Xylene
Concen: 0.077 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Tgt Ion:106 Resp: 2400
Ion Ratio Lower Upper
106 100
91 203.2 147.7 274.3



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

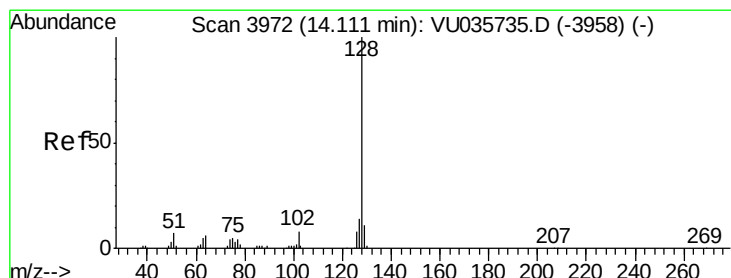
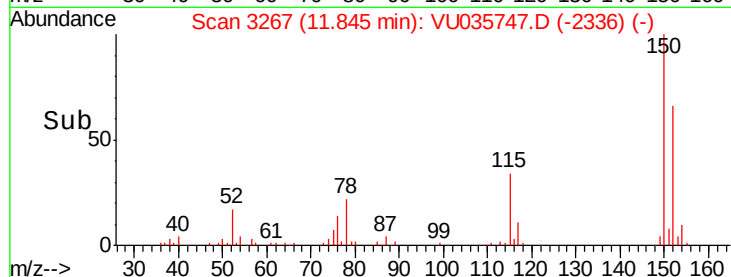
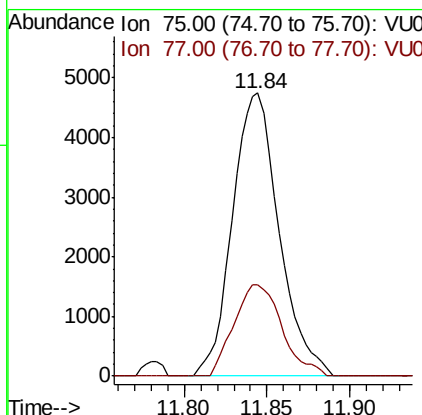
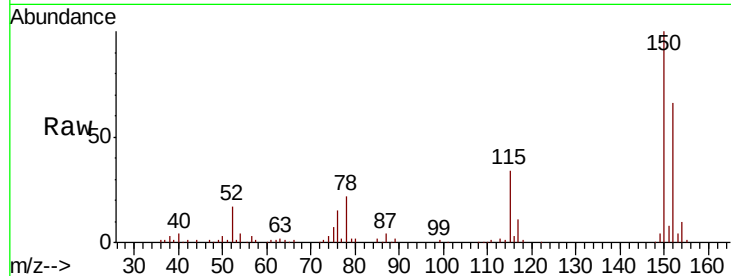




#59
1,2,3-Trichloropropane
Concen: 0.691 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

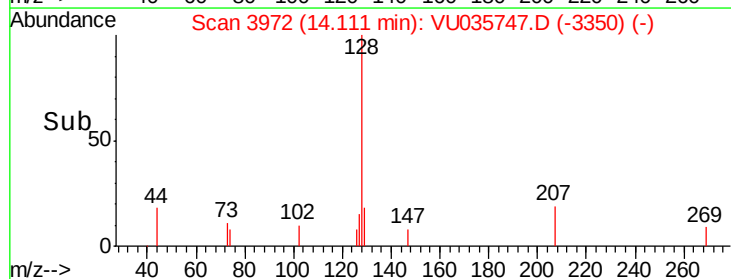
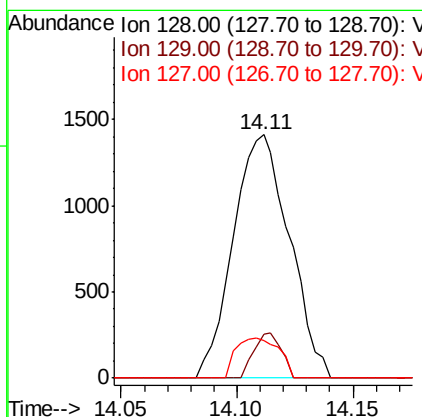
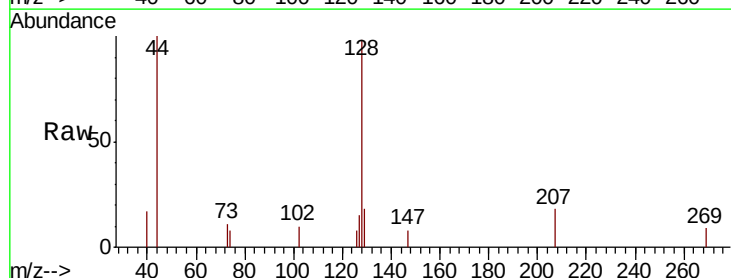
Instrument :
MSVOA_U
ClientSampled :

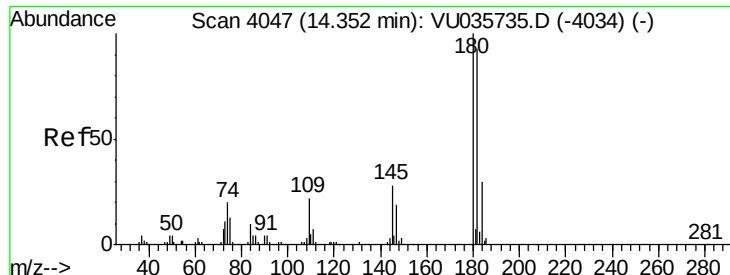
Tot Ion: 75 Resp: 9283
Ion Ratio Lower Upper
75 100
77 33.3 26.8 40.2



#69
Naphthalene
Concen: 0.170 ug/L
RT: 14.11 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VU035747.D
Acq: 18 Nov 2019 16:46

Tgt Ion: 128 Resp: 2377
Ion Ratio Lower Upper
128 100
129 9.1 8.1 12.1
127 12.5 11.0 16.4





#70
 1,2,3-Trichlorobenzene
 Concen: 0.121 ug/L
 RT: 14.35 min Scan# 4046
 Delta R.T. -0.00 min
 Lab File: VU035747.D
 Acq: 18 Nov 2019 16:46

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	74.8	112.2
145	23.5	23.6	35.4

