

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034354.D
 Acq On : 07 Sep 2019 01:04
 Operator : JC/SP
 Sample : K4725-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-ER-2019-1

Quant Time: Sep 07 05:12:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

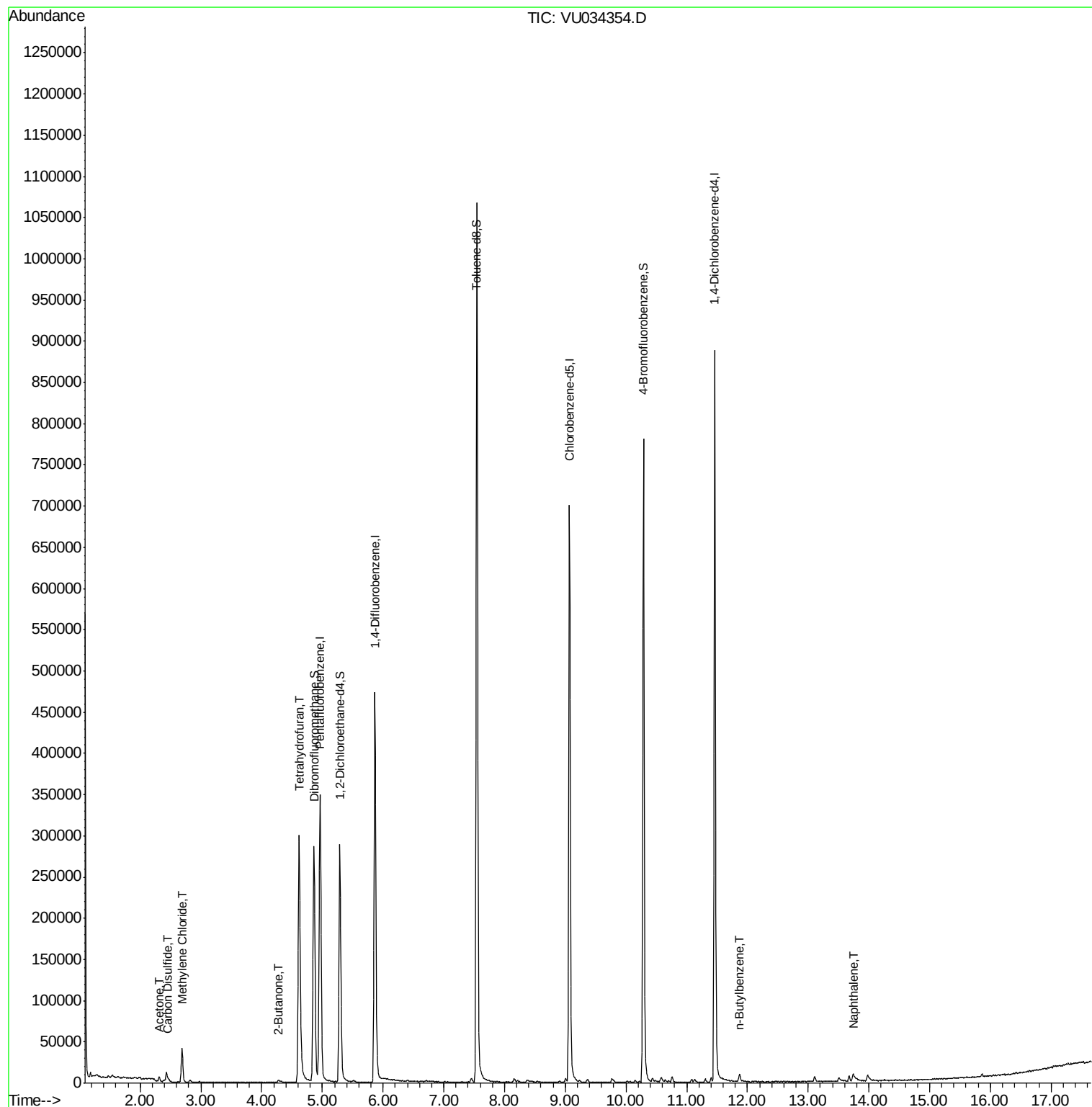
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	295160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	429627	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	428661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	254737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	226147	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	4.86	113	206246	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	7.55	98	760504	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	10.29	95	276090	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
Target Compounds						
					Qvalue	
16) Acetone	2.31	43	6011	2.601	ug/l	96
17) Carbon Disulfide	2.47	76	2537	0.352	ug/l #	81
20) Methylene Chloride	2.69	84	18831	4.612	ug/l	97
25) 2-Butanone	4.28	43	6461	2.094	ug/l	99
29) Tetrahydrofuran	4.62	42	236636	126.057	ug/l	99
89) n-Butylbenzene	11.87	91	4495	0.342	ug/l	90
95) Naphthalene	13.74	128	17962	4.940	ug/l #	87

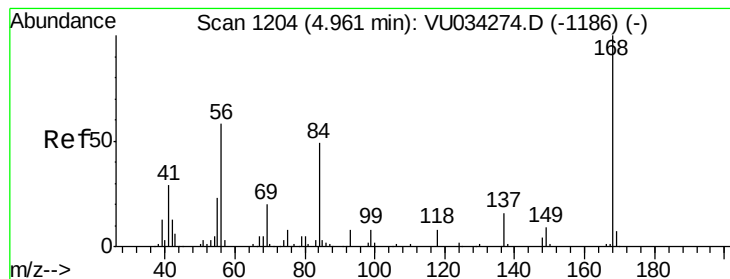
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S13-ER-2019-1

Quant Time: Sep 07 05:12:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034354.D

Acq: 07 Sep 2019 01:04

Instrument :

MSVOA_U

ClientSampleId :

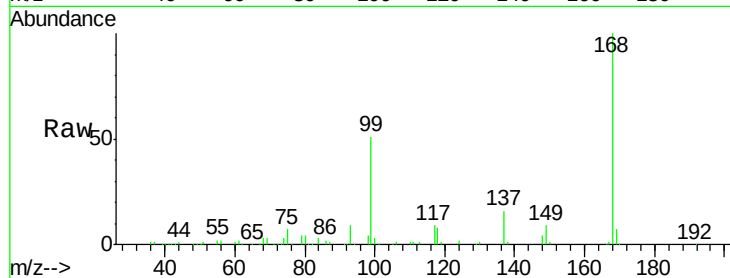
S13-ER-2019-1

Tot Ion:168 Resp: 295160

Ion Ratio Lower Upper

168 100

99 50.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

150000

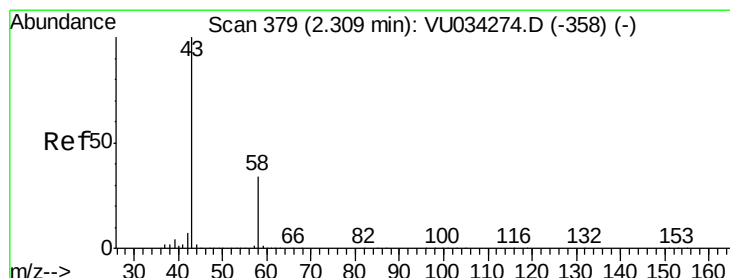
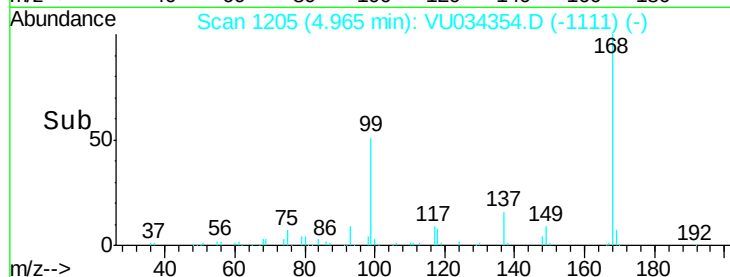
100000

50000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 2.601 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034354.D

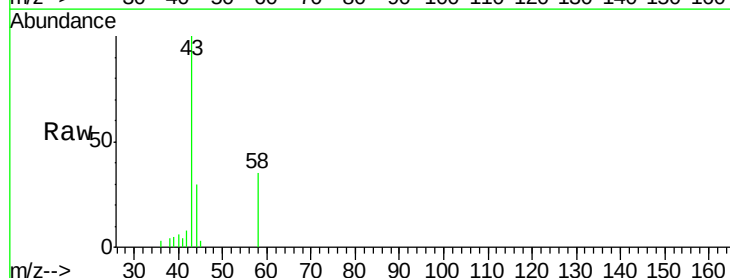
Acq: 07 Sep 2019 01:04

Tgt Ion: 43 Resp: 6011

Ion Ratio Lower Upper

43 100

58 36.7 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

4000

3000

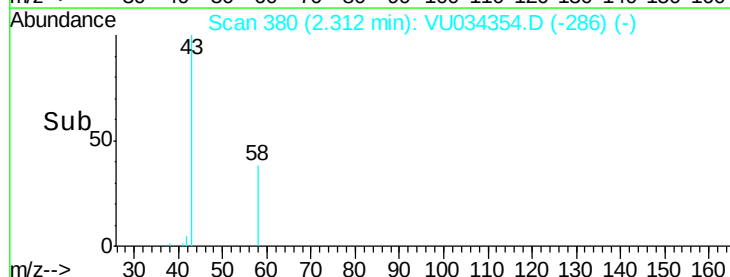
2000

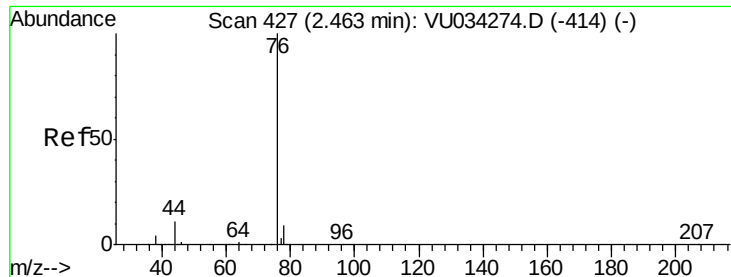
1000

0

Time-->

2.25 2.30 2.35





#17

Carbon Disulfide

Concen: 0.352 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034354.D

Acq: 07 Sep 2019 01:04

Instrument :

MSVOA_U

ClientSampleId :

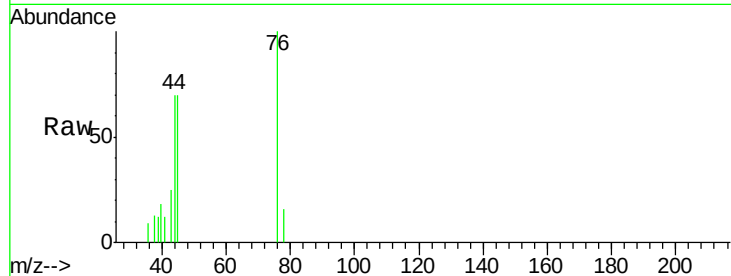
S13-ER-2019-1

Tot Ion: 76 Resp: 2537

Ion Ratio Lower Upper

76 100

78 15.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VU034274.D (-414) (-)

Ion 77.90 (77.60 to 78.60): VU034274.D (-414) (-)

2.47

1500

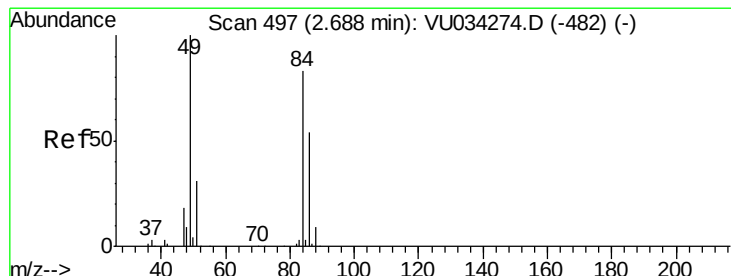
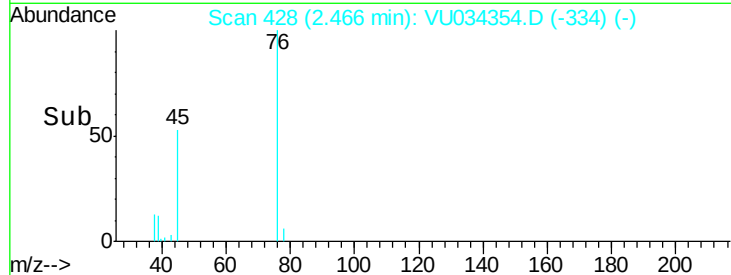
1000

500

0

2.45 2.50

Time-->



#20

Methylene Chloride

Concen: 4.612 ug/l

RT: 2.69 min Scan# 498

Delta R.T. 0.00 min

Lab File: VU034354.D

Acq: 07 Sep 2019 01:04

Tgt Ion: 84 Resp: 18831

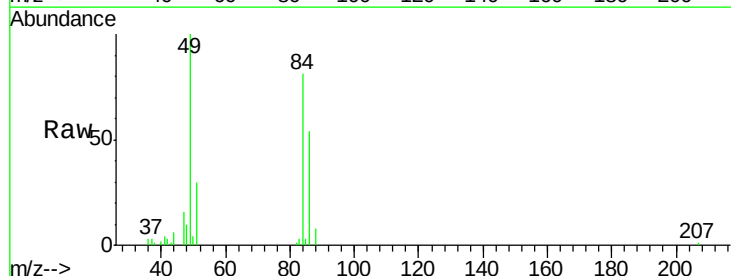
Ion Ratio Lower Upper

84 100

49 124.1 96.0 144.0

51 37.3 30.0 45.0

86 67.4 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VU034274.D (-482) (-)

Ion 48.90 (48.60 to 49.60): VU034274.D (-482) (-)

Ion 50.90 (50.60 to 51.60): VU034274.D (-482) (-)

Ion 85.90 (85.60 to 86.60): VU034274.D (-482) (-)

20000

15000

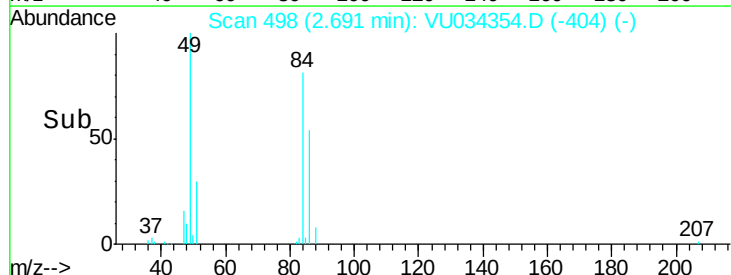
10000

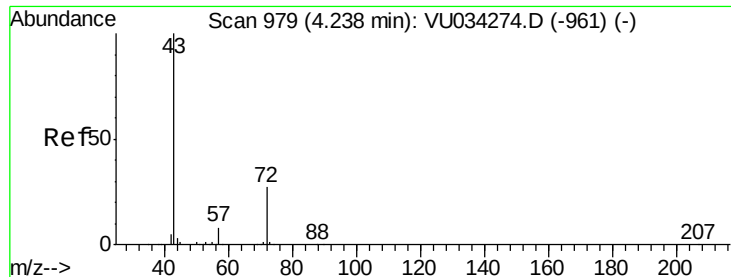
5000

0

2.65 2.70 2.75

Time-->





#25

2-Butanone

Concen: 2.094 ug/l

RT: 4.28 min Scan# 991

Delta R.T. 0.04 min

Lab File: VU034354.D

Acq: 07 Sep 2019 01:04

Instrument :

MSVOA_U

ClientSampleId :

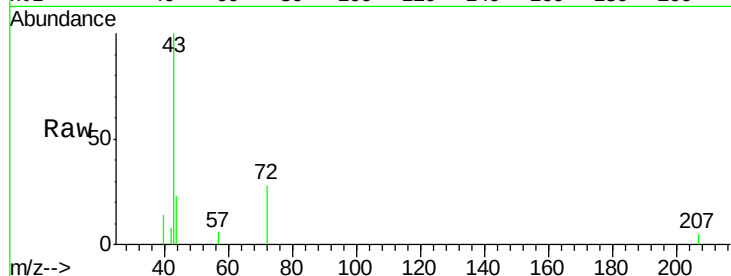
S13-ER-2019-1

Tot Ion: 43 Resp: 6461

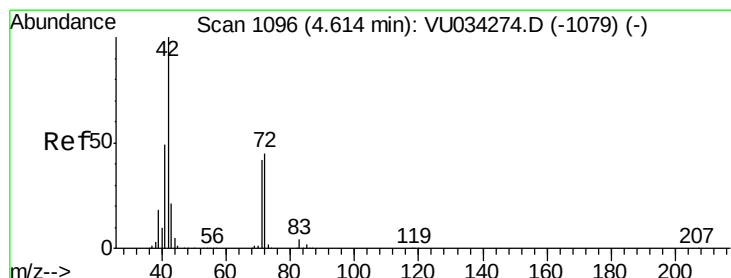
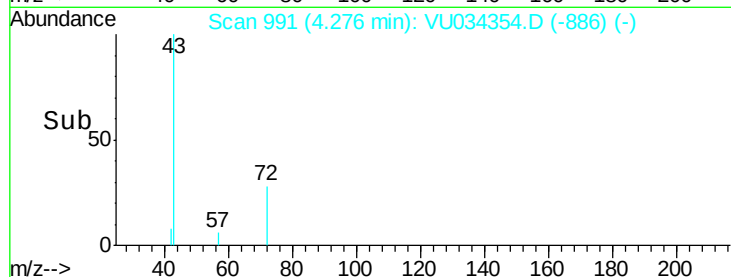
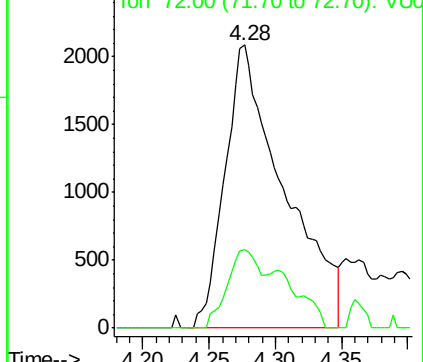
Ion Ratio Lower Upper

43 100

72 27.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-961) (-)



#29

Tetrahydrofuran

Concen: 126.057 ug/l

RT: 4.62 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VU034354.D

Acq: 07 Sep 2019 01:04

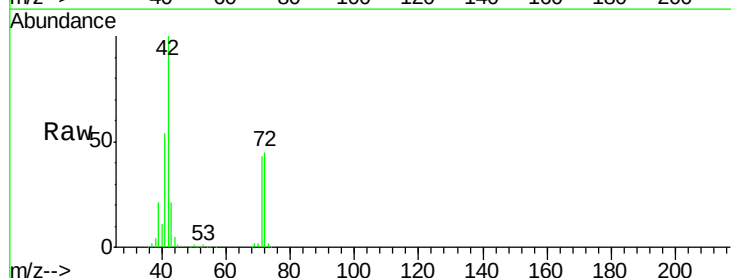
Tgt Ion: 42 Resp: 236636

Ion Ratio Lower Upper

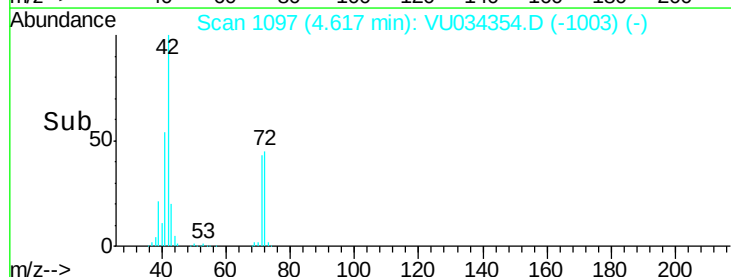
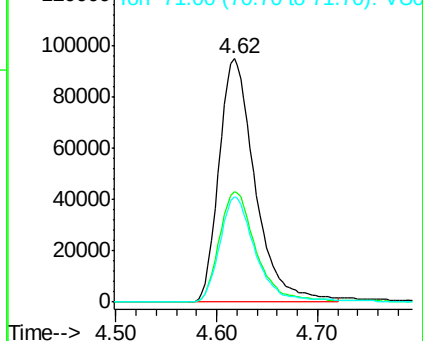
42 100

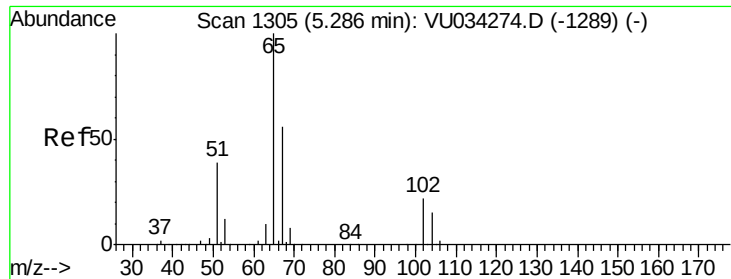
72 46.2 36.6 54.8

71 42.0 34.3 51.5



Abundance Ion 42.00 (41.70 to 42.70): VU034274.D (-1079) (-)

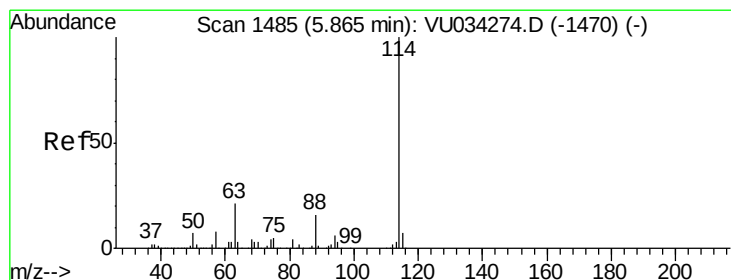
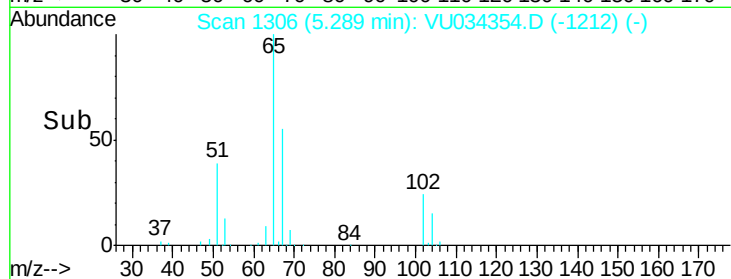
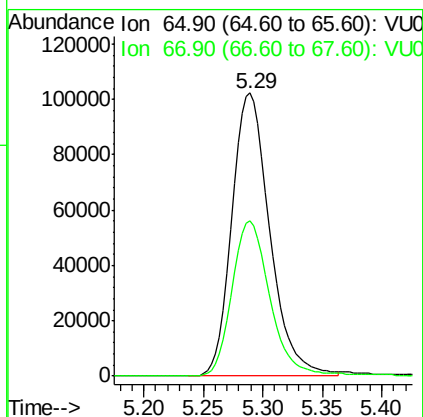
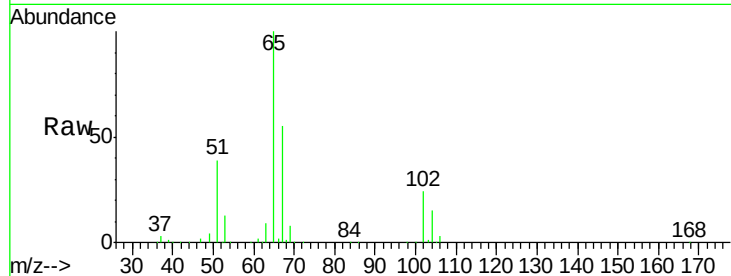




#33
 1,2-Dichloroethane-d4
 Concen: 50.639 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034354.D
 Acq: 07 Sep 2019 01:04

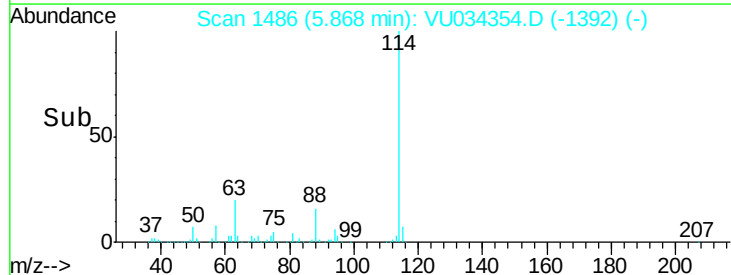
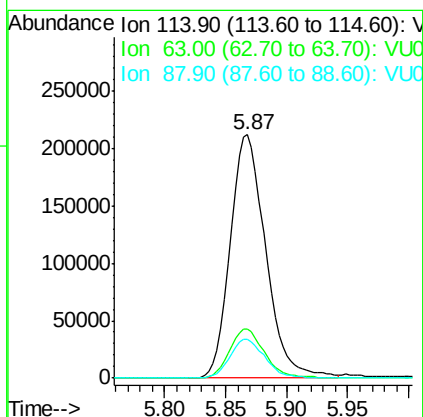
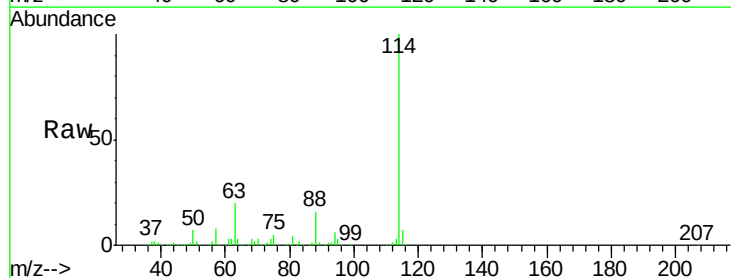
Instrument :
 MSVOA_U
 ClientSampleId :
 S13-ER-2019-1

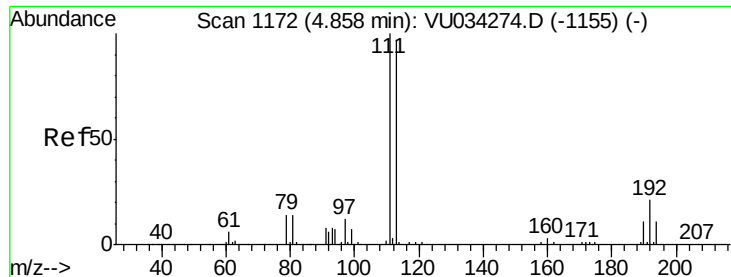
Tot Ion: 65 Resp: 226147
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034354.D
 Acq: 07 Sep 2019 01:04

Tgt Ion: 114 Resp: 429627
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.8 0.0 32.4

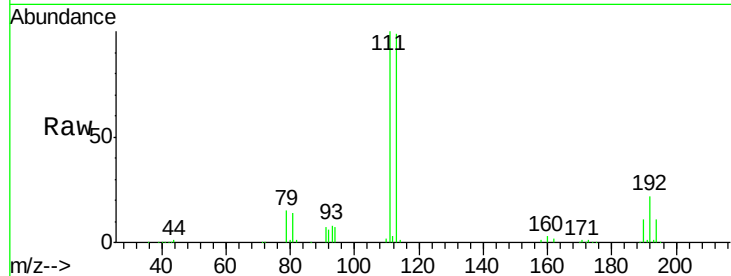




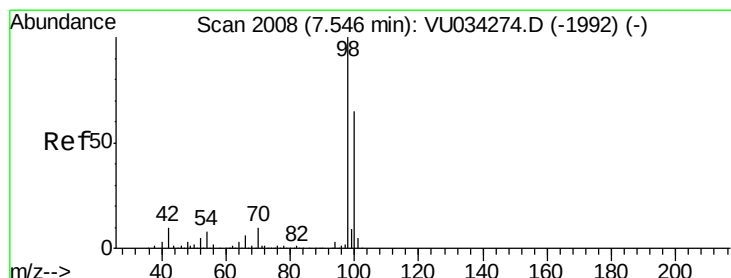
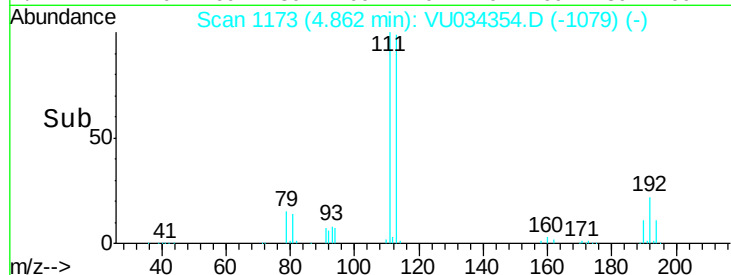
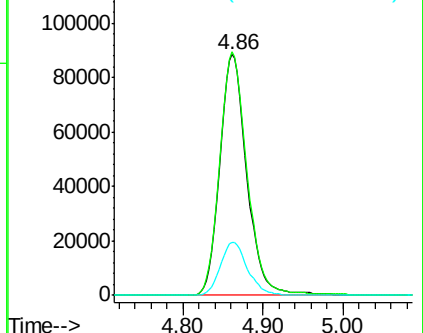
#35
 Dibromofluoromethane
 Concen: 51.591 ug/l
 RT: 4.86 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VU034354.D
 Acq: 07 Sep 2019 01:04

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-ER-2019-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	22.2	17.8	26.8

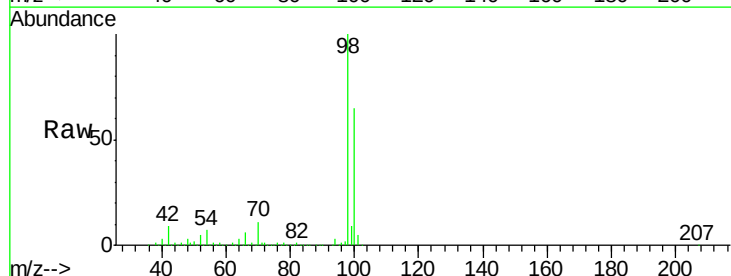


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

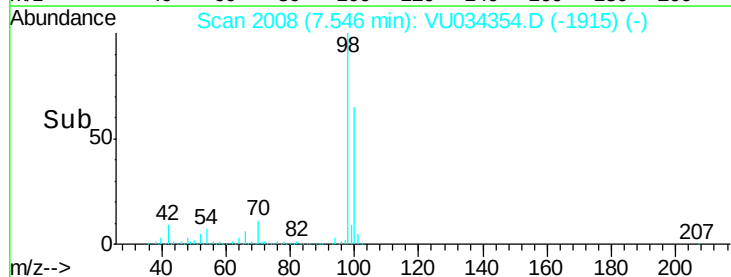
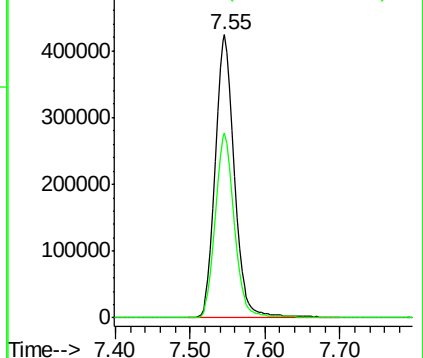


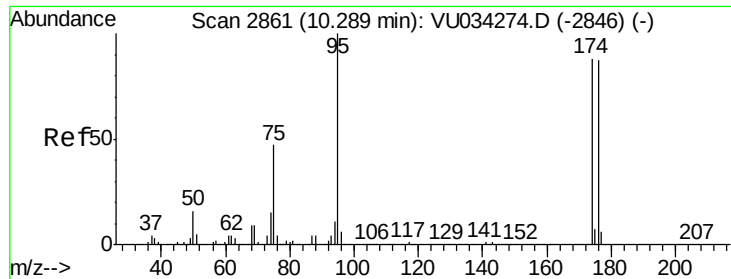
#50
 Toluene-d8
 Concen: 50.635 ug/l
 RT: 7.55 min Scan# 2008
 Delta R.T. 0.00 min
 Lab File: VU034354.D
 Acq: 07 Sep 2019 01:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU

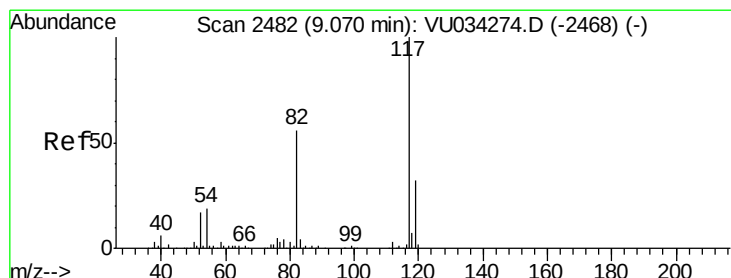
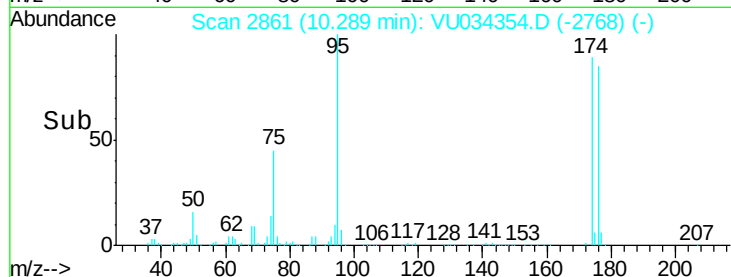
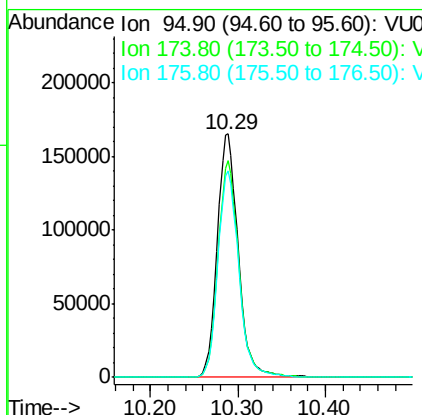
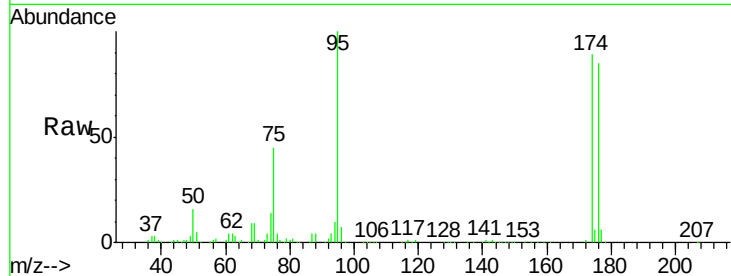




#62
4-Bromofluorobenzene
Concen: 47.611 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034354.D
Acq: 07 Sep 2019 01:04

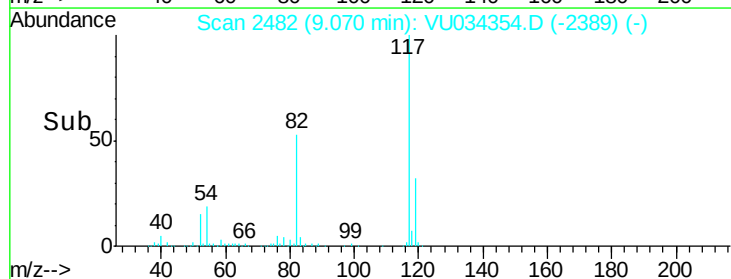
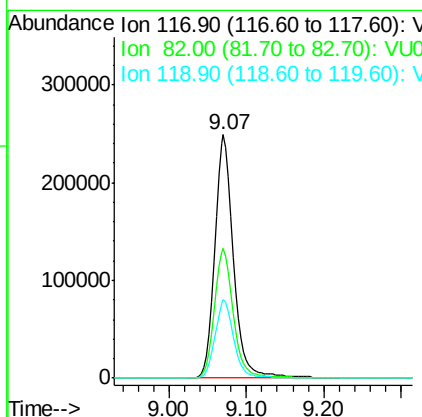
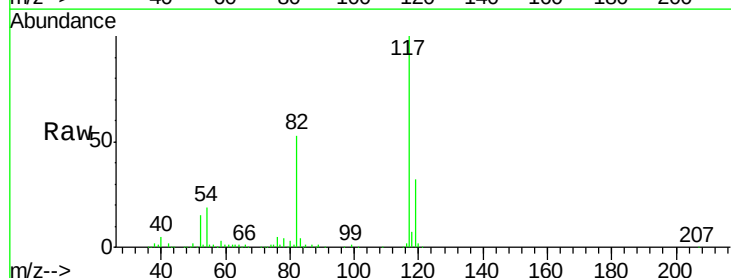
Instrument :
MSVOA_U
ClientSampleId :
S13-ER-2019-1

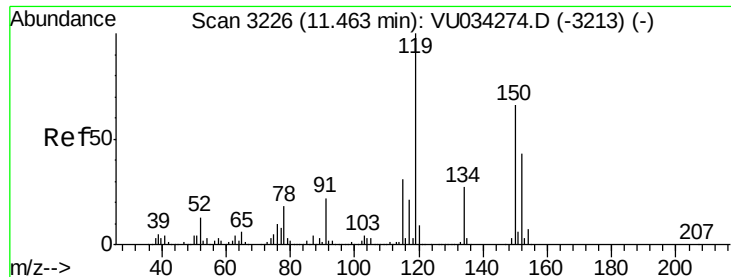
Tot Ion	95	Resp	276090
Ion Ratio	Lower	Upper	
95	100		
174	88.1	0.0	175.2
176	84.5	0.0	168.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034354.D
Acq: 07 Sep 2019 01:04

Tgt Ion	117	Resp	428661
Ion Ratio	Lower	Upper	
117	100		
82	53.3	44.6	67.0
119	32.4	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034354.D

Acq: 07 Sep 2019 01:04

Instrument :

MSVOA_U

ClientSampleId :

S13-ER-2019-1

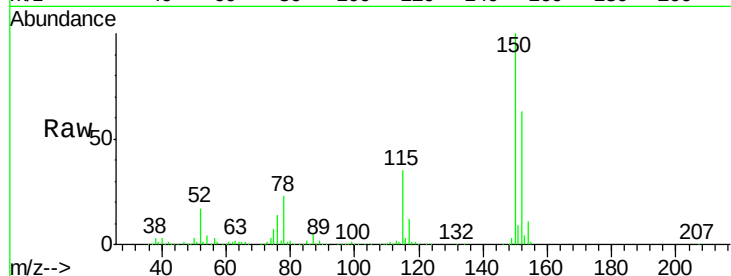
Tot Ion:152 Resp: 254737

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

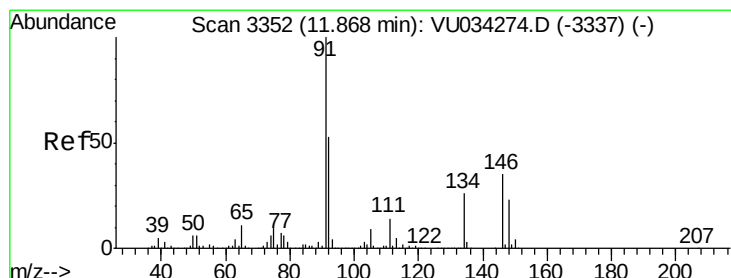
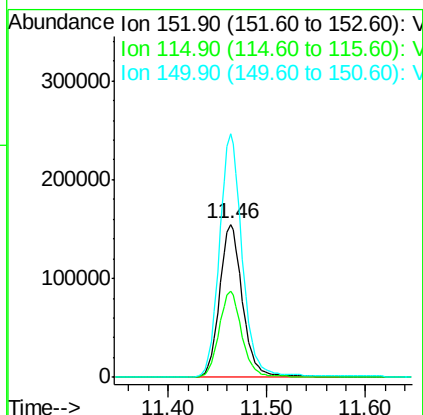
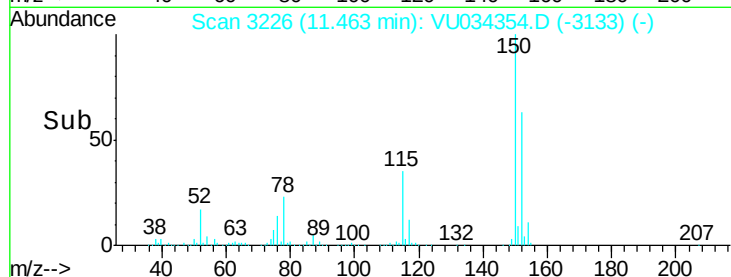
150 158.5 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#89

n-Butylbenzene

Concen: 0.342 ug/l

RT: 11.87 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VU034354.D

Acq: 07 Sep 2019 01:04

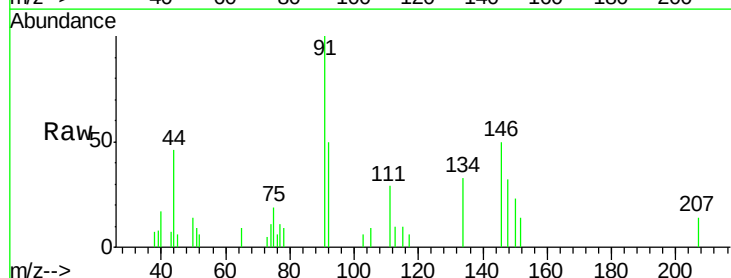
Tgt Ion: 91 Resp: 4495

Ion Ratio Lower Upper

91 100

92 43.5 26.5 79.4

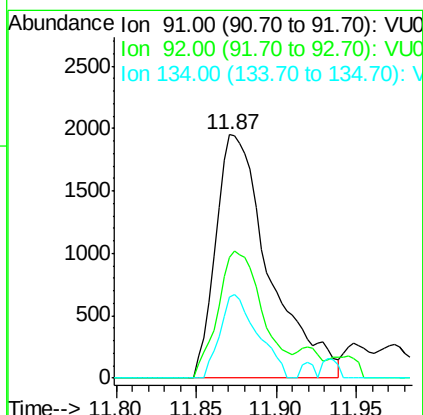
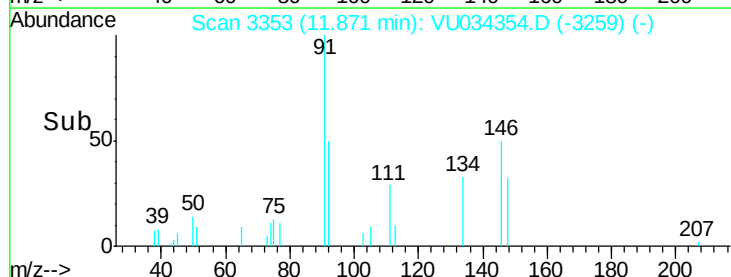
134 24.0 13.2 39.6

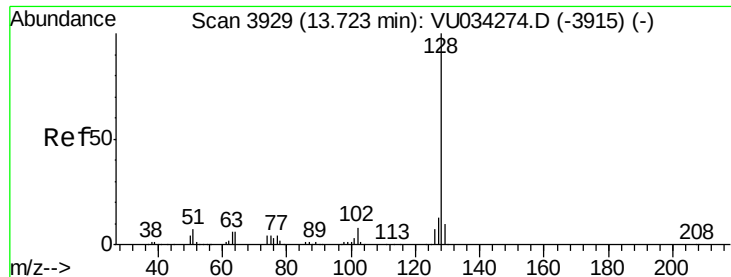


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 4.940 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.02 min
Lab File: VU034354.D
Acq: 07 Sep 2019 01:04

Instrument :
MSVOA_U
ClientSampleId :
S13-ER-2019-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.6	15.8#
129	3.9	8.4	12.6#

