

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU034007.D
 Acq On : 28 Aug 2019 06:14
 Operator : JC/SP
 Sample : K4525-22
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A1-(0)

Quant Time: Aug 28 08:45:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

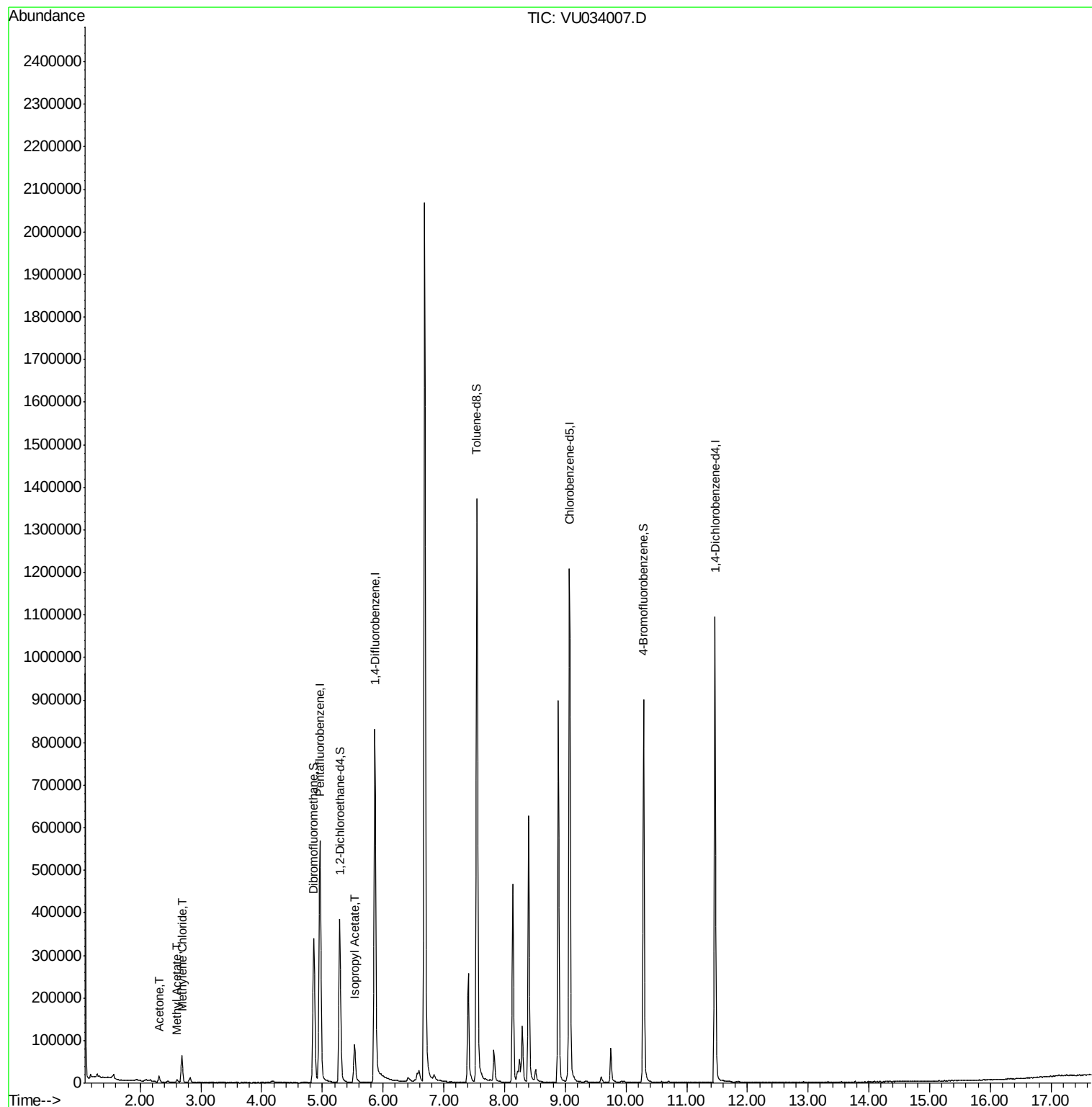
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	444035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	714727	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	676120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	289720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	304306	61.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.38%	
35) Dibromofluoromethane	4.86	113	240563	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	7.55	98	943997	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	10.29	95	306975	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
Target Compounds						
16) Acetone	2.31	43	14546	6.160	ug/l	97
18) Methyl Acetate	2.61	43	8944	1.538	ug/l	91
20) Methylene Chloride	2.69	84	26527	5.295	ug/l	89
43) Isopropyl Acetate	5.53	43	104100	10.340	ug/l	96

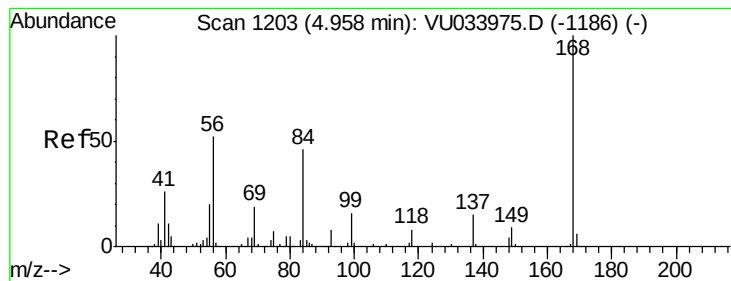
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034007.D

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Instrument :

MSVOA_U

ClientSampleId :

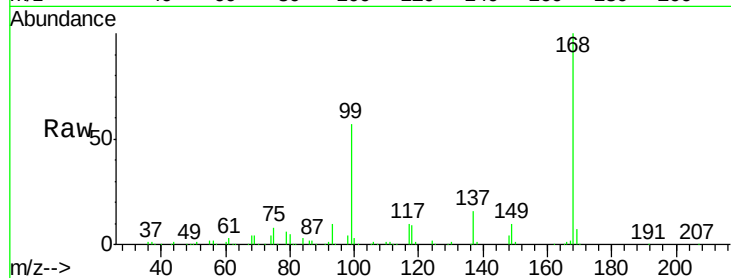
T9-12-13-A1-(0)

Tot Ion:168 Resp: 444035

Ion Ratio Lower Upper

168 100

99 56.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033975.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033975.D (-1186) (-)

4.96

200000

150000

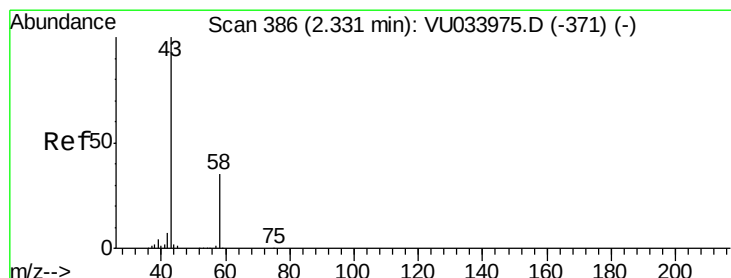
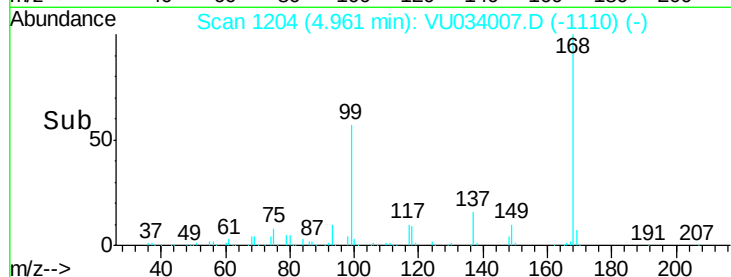
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 6.160 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034007.D

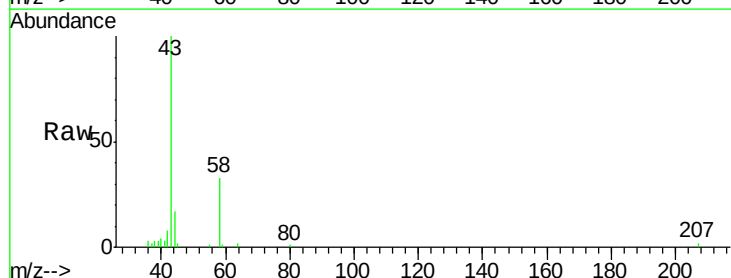
Acq: 28 Aug 2019 06:14

Tgt Ion: 43 Resp: 14546

Ion Ratio Lower Upper

43 100

58 33.1 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-371) (-)

2.31

10000

8000

6000

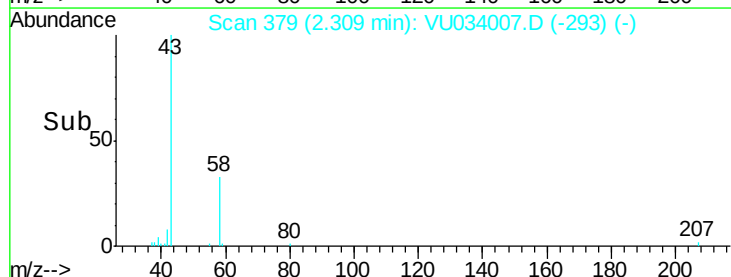
4000

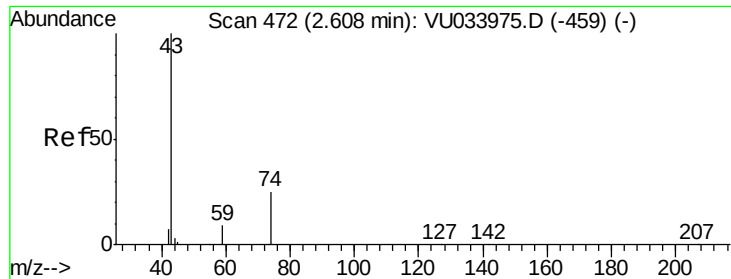
2000

0

2.25 2.30 2.35

Time-->

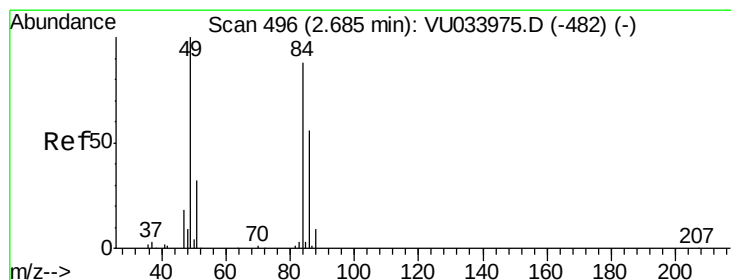
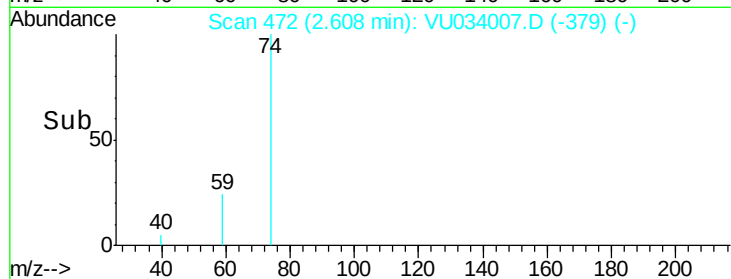
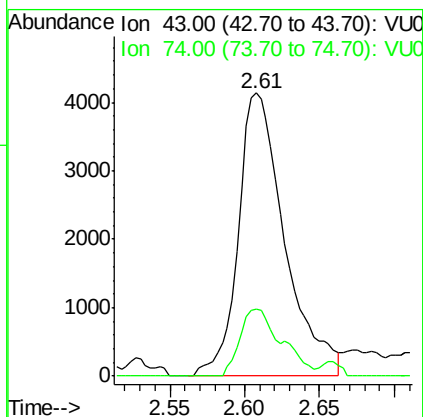
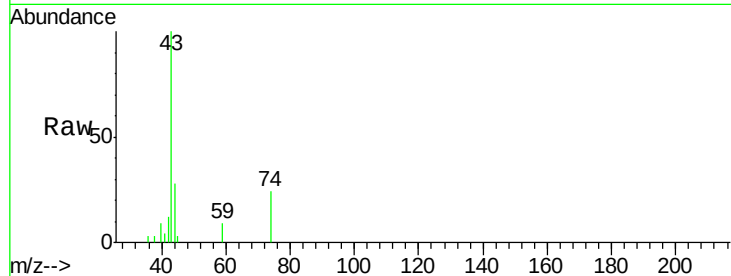




#18
Methvl Acetate
Concen: 1.538 ug/l
RT: 2.61 min Scan# 472
Delta R.T. 0.00 min
Lab File: VU034007.D
Acq: 28 Aug 2019 06:14

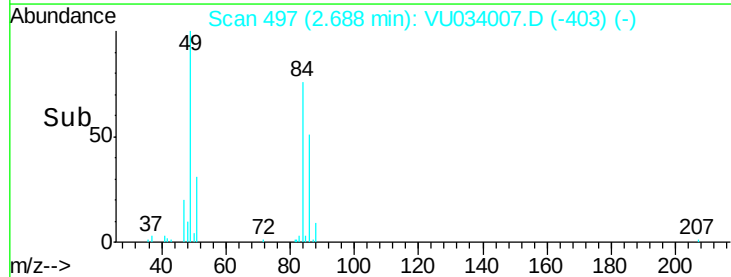
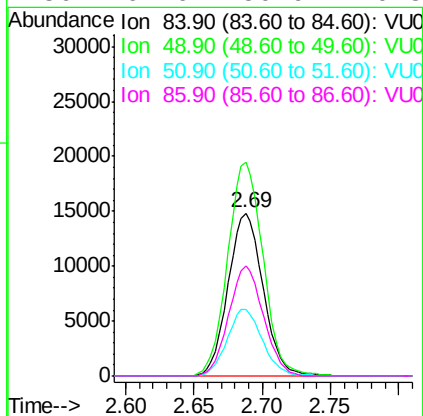
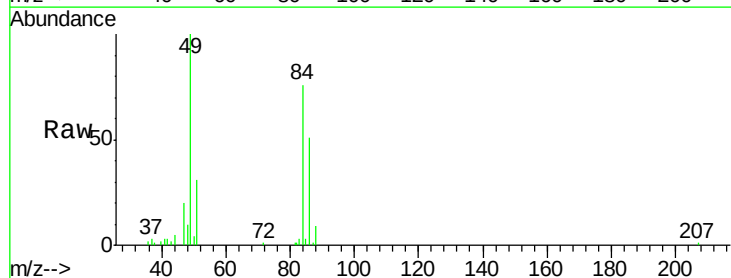
Instrument :
MSVOA_U
ClientSampleId :
T9-12-13-A1-(0)

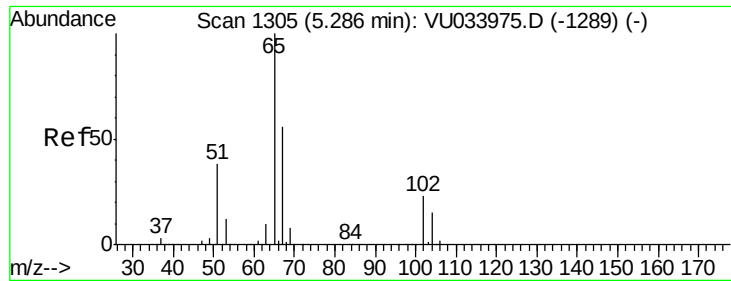
Tot Ion: 43 Resp: 8944
Ion Ratio Lower Upper
43 100
74 21.3 20.5 30.7



#20
Methylene Chloride
Concen: 5.295 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034007.D
Acq: 28 Aug 2019 06:14

Tgt Ion: 84 Resp: 26527
Ion Ratio Lower Upper
84 100
49 131.4 91.3 136.9
51 40.8 28.9 43.3
86 67.6 50.9 76.3

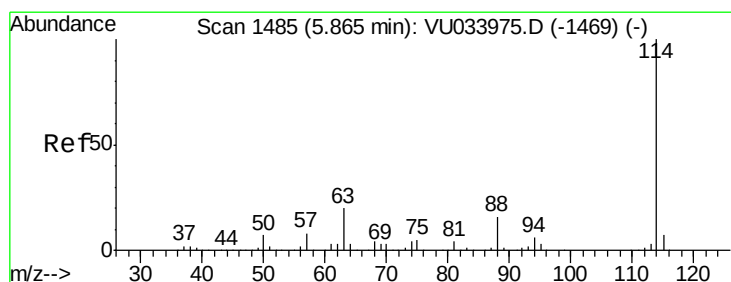
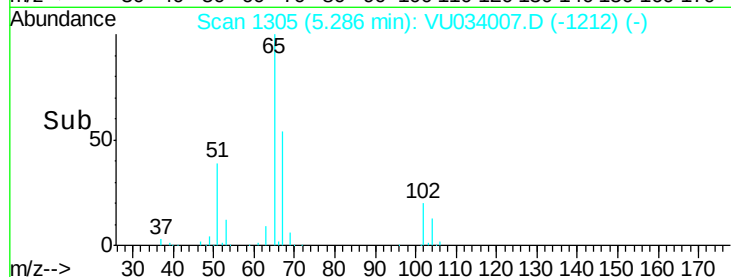
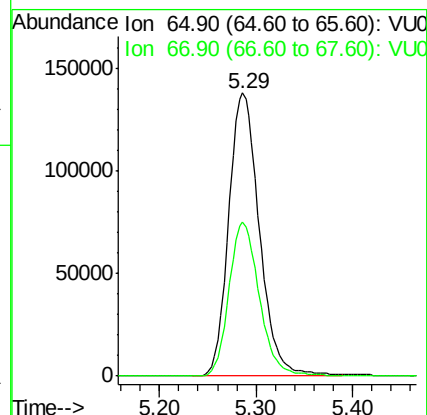
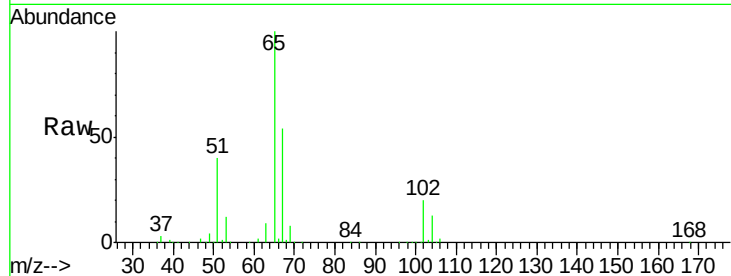




#33
 1,2-Dichloroethane-d4
 Concen: 61.687 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU034007.D
 Acq: 28 Aug 2019 06:14

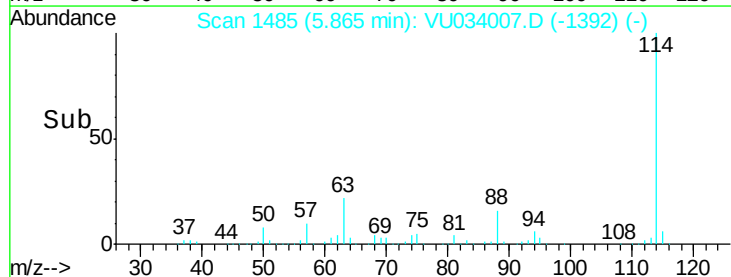
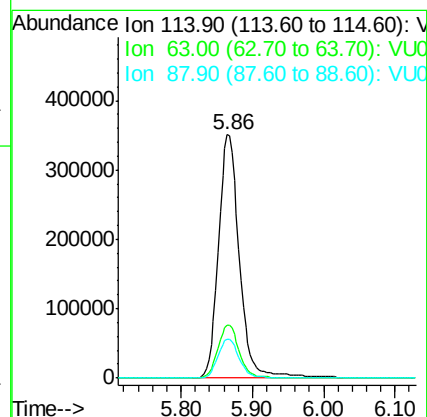
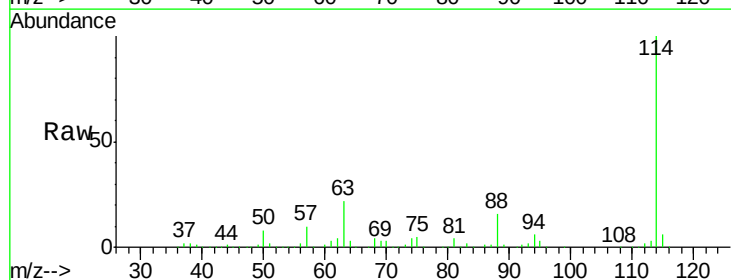
Instrument :
 MSVOA_U
 ClientSampleId :
 T9-12-13-A1-(0)

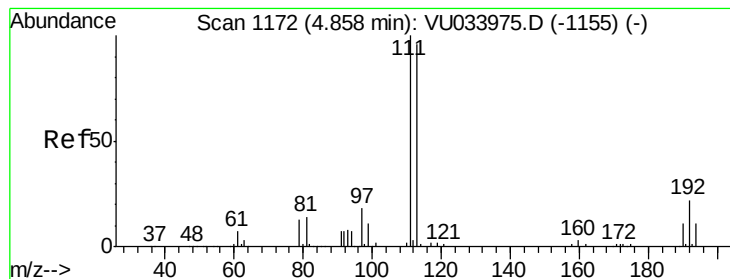
Tot Ion: 65 Resp: 304306
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU034007.D
 Acq: 28 Aug 2019 06:14

Tgt Ion: 114 Resp: 714727
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 39.0
 88 16.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.072 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU034007.D

Acq: 28 Aug 2019 06:14

Instrument :

MSVOA_U

ClientSampleId :

T9-12-13-A1-(0)

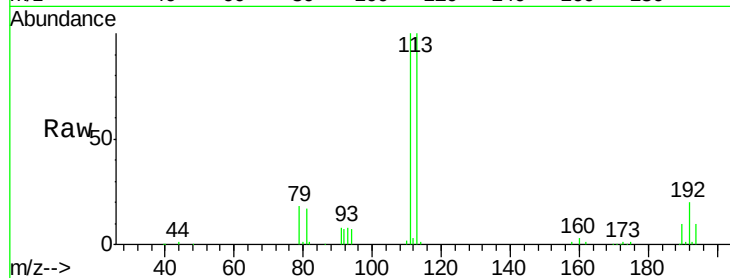
Tot Ion:113 Resp: 240563

Ion Ratio Lower Upper

113 100

111 102.1 81.7 122.5

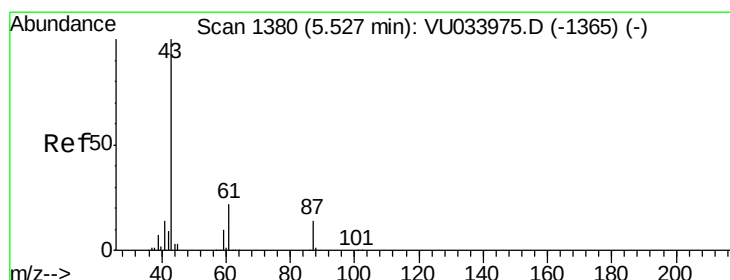
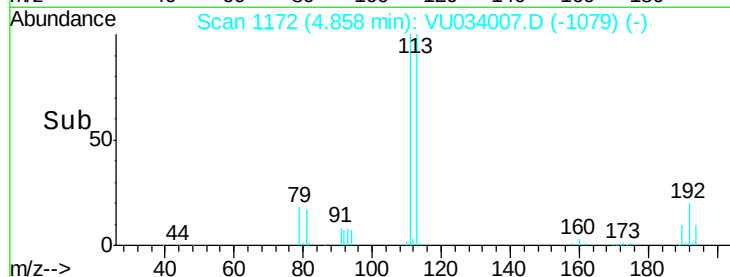
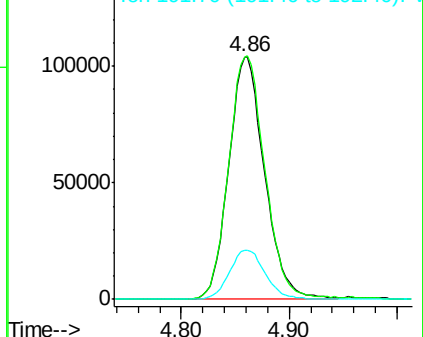
192 20.4 18.6 27.8



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



#43

Isopropyl Acetate

Concen: 10.340 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034007.D

Acq: 28 Aug 2019 06:14

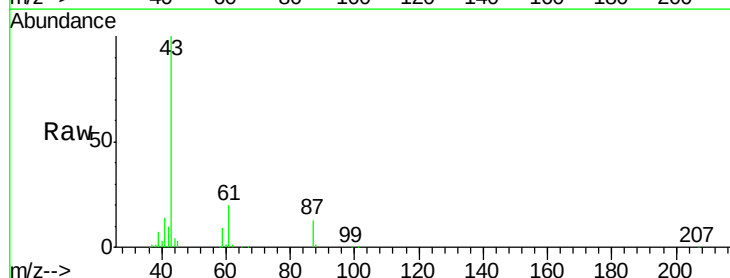
Tgt Ion: 43 Resp: 104100

Ion Ratio Lower Upper

43 100

61 20.8 17.8 26.8

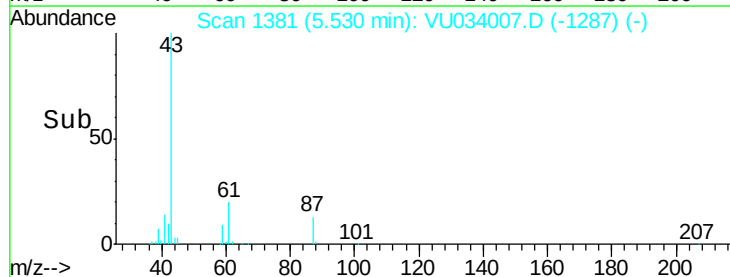
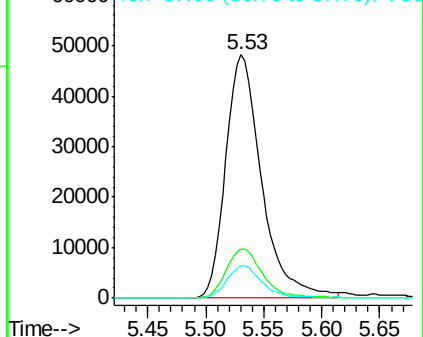
87 12.7 11.9 17.9

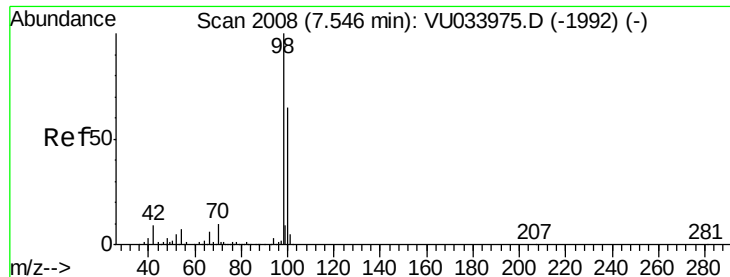


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

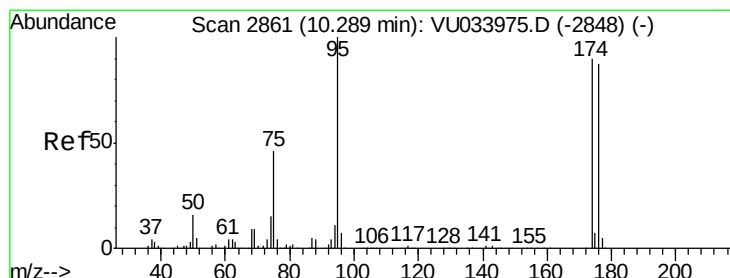
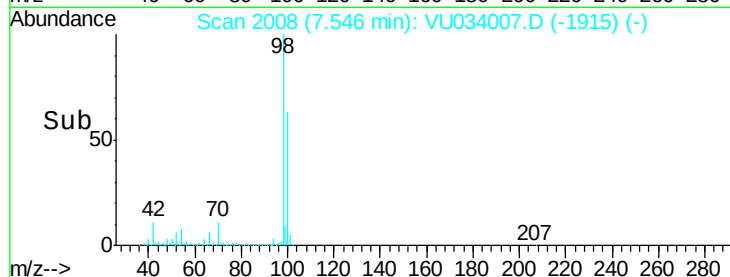
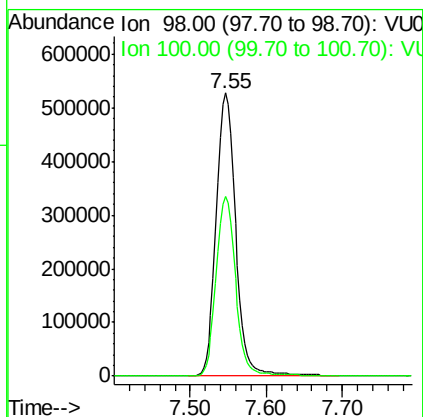
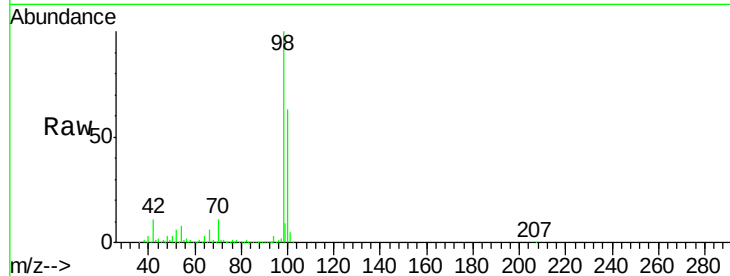




#50
Toluene-d8
Concen: 53.271 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034007.D
Acq: 28 Aug 2019 06:14

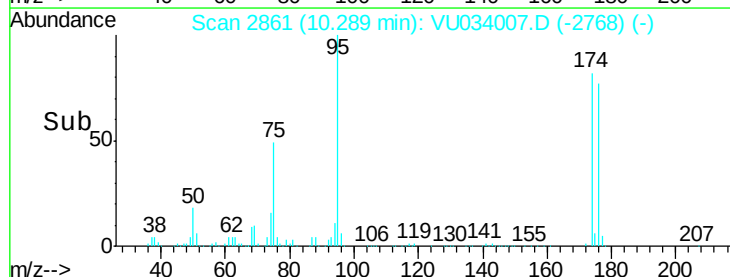
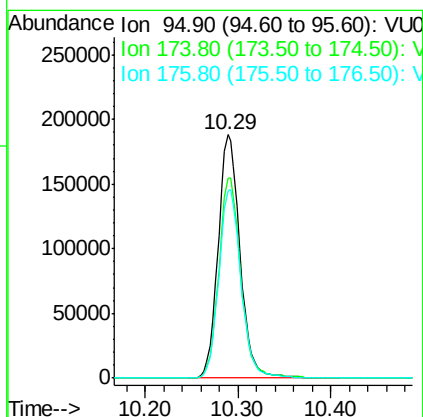
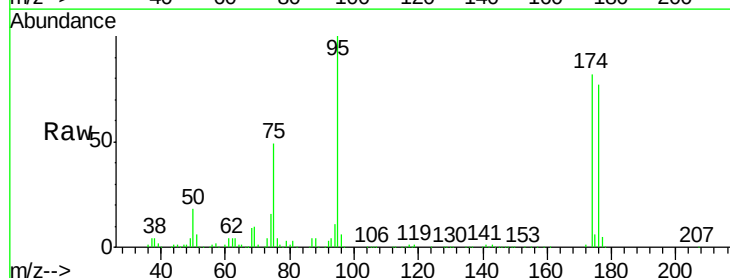
Instrument :
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T9-12-13-A1-(0)

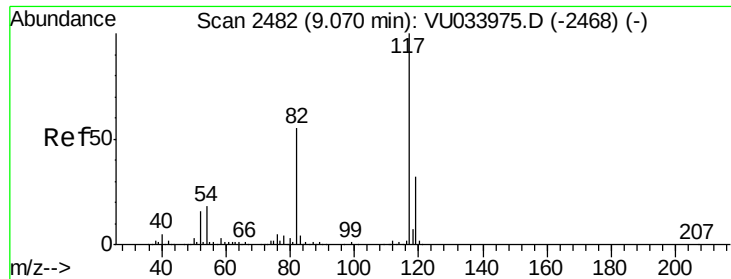
Tot Ion: 98 Resp: 943997
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 45.159 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034007.D
Acq: 28 Aug 2019 06:14

Tgt Ion: 95 Resp: 306975
Ion Ratio Lower Upper
95 100
174 82.8 0.0 183.8
176 79.0 0.0 176.4

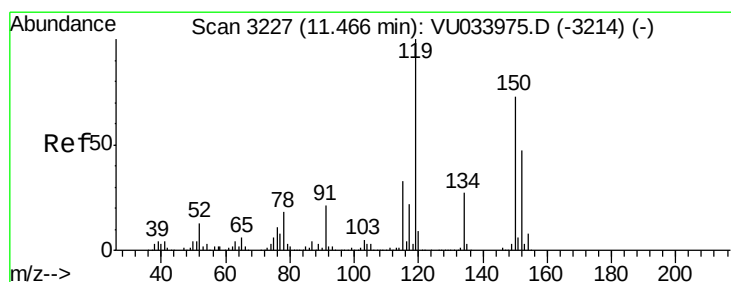
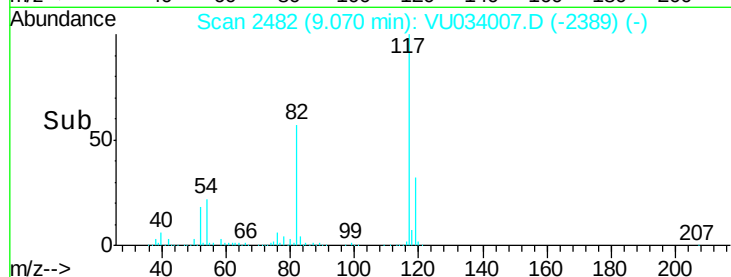
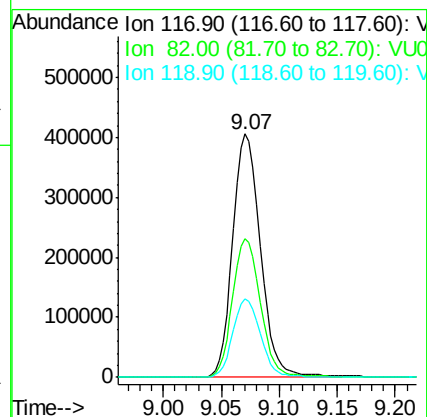
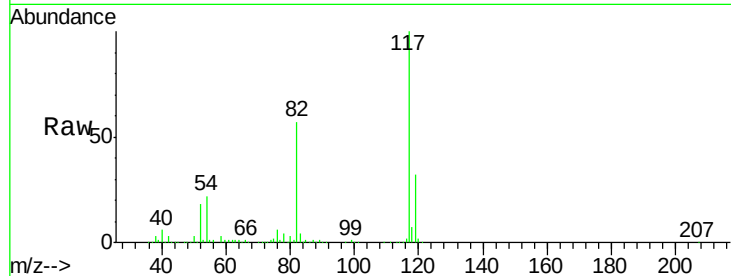




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034007.D
Acq: 28 Aug 2019 06:14

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:117 Resp: 676120
Ion Ratio Lower Upper
117 100
82 57.0 43.8 65.8
119 32.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034007.D
Acq: 28 Aug 2019 06:14

Tgt Ion:152 Resp: 289720
Ion Ratio Lower Upper
152 100
115 58.0 38.6 115.7
150 157.8 0.0 343.8

