

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
 Data File : VU028482.D
 Acq On : 05 Dec 2018 15:57
 Operator : MD/SY
 Sample : J6194-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 OK-02-120418-B

Manual Integrations
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MMDadoda
 12/6/2018 4:53:24 PM

Quant Time: Dec 06 03:26:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 01:04:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	367556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	675789	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	638739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	309851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	284821	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
35) Dibromofluoromethane	4.88	113	86966	19.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.70%	
50) Toluene-d8	7.57	98	880294	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	10.30	95	322191	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
Target Compounds						
16) Acetone	2.32	43	210380	55.986	ug/l	96
20) Methylene Chloride	2.70	84	1778494	335.984	ug/l	91
25) 2-Butanone	4.29	43	6403m	1.189	ug/l	
95) Naphthalene	13.74	128	45333	4.475	ug/l	97

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

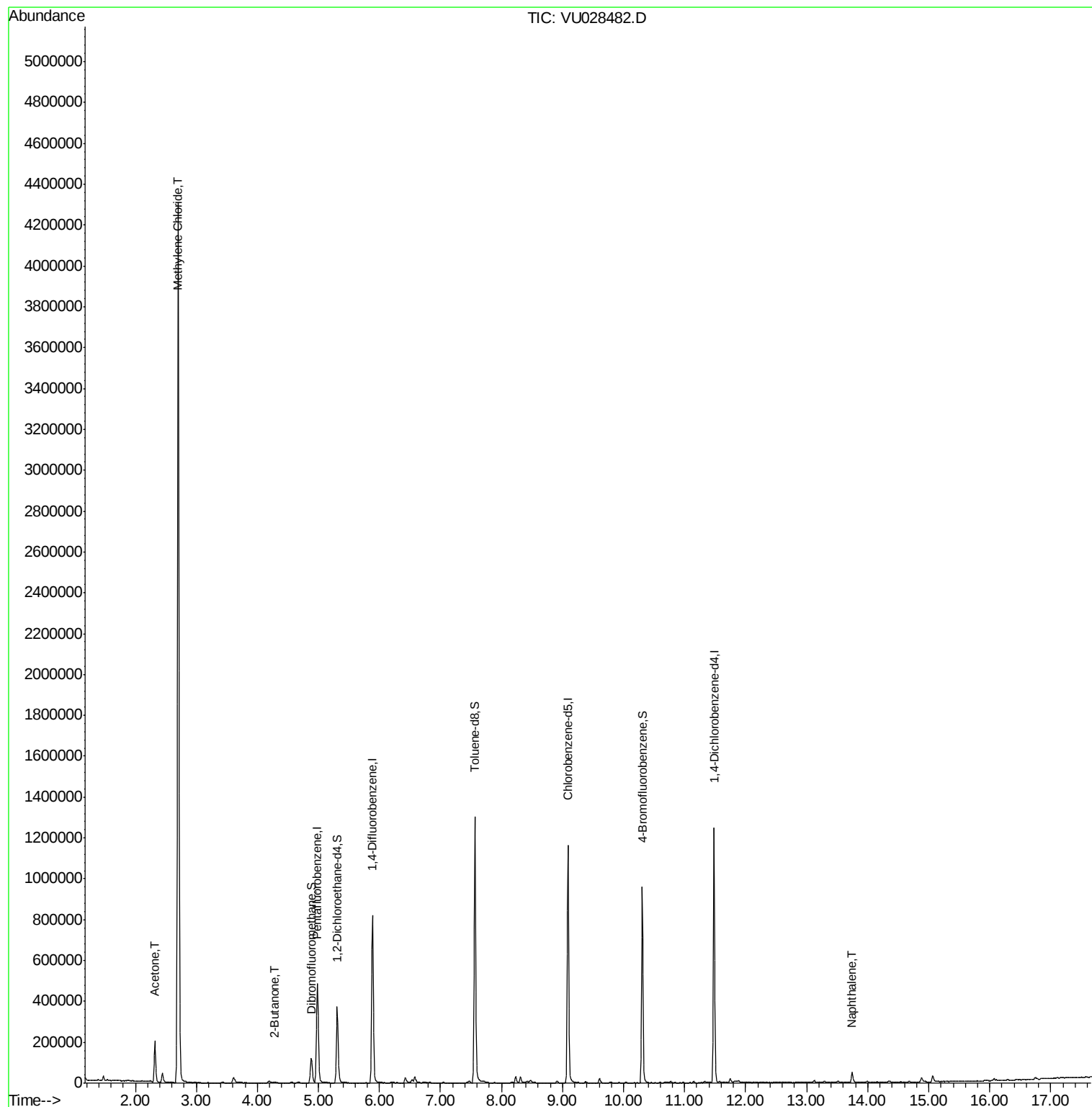
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU120518\
Data File : VU028482.D
Acq On : 05 Dec 2018 15:57
Operator : MD/SY
Sample : J6194-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

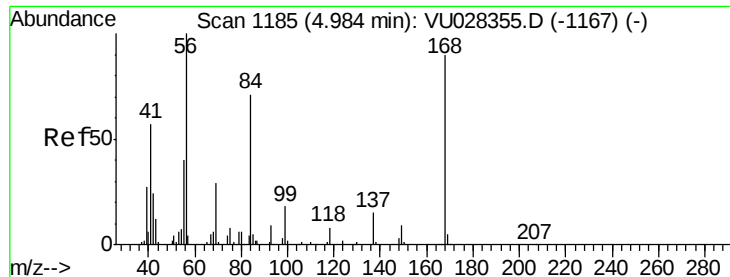
Instrument :
MSVOA_U
ClientSampleId :
OK-02-120418-B

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Quant Time: Dec 06 03:26:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 29 01:04:49 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Instrument :

MSVOA_U

ClientSampleId :

OK-02-120418-B

Tgt Ion:168 Resp: 367556

Ion Ratio Lower Upper

168 100

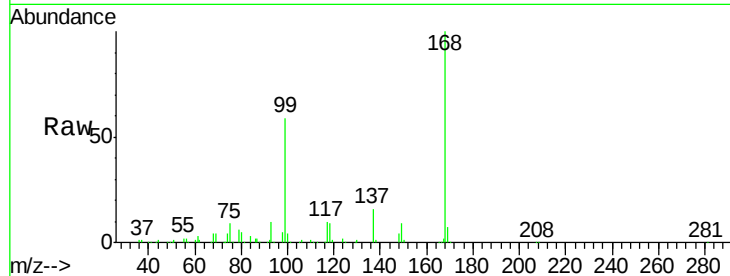
99 59.3 49.6 74.4

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Abundance Ion 167.90 (167.60 to 168.60): VU028355.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028355.D (-1167) (-)

4.98

150000

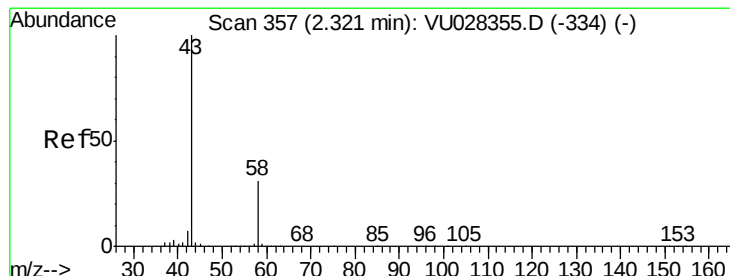
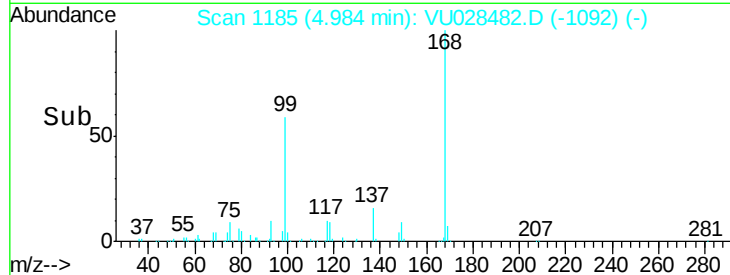
100000

50000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 55.986 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028482.D

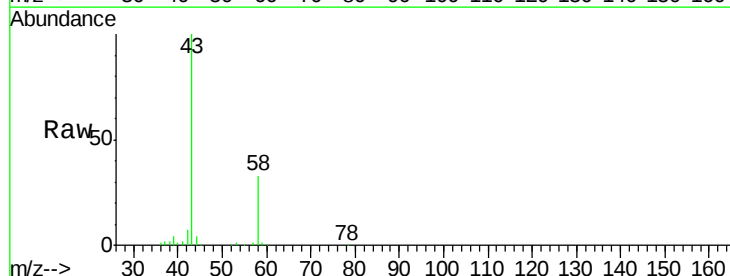
Acq: 05 Dec 2018 15:57

Tgt Ion: 43 Resp: 210380

Ion Ratio Lower Upper

43 100

58 32.8 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU028355.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VU028355.D (-334) (-)

2.32

150000

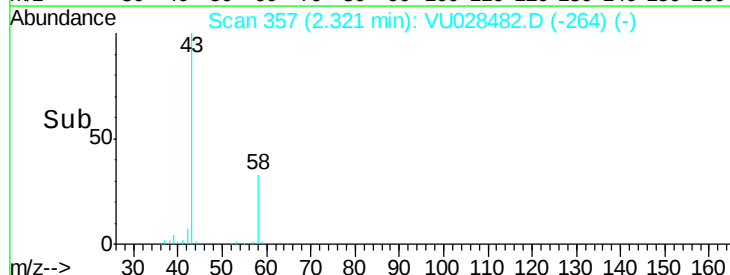
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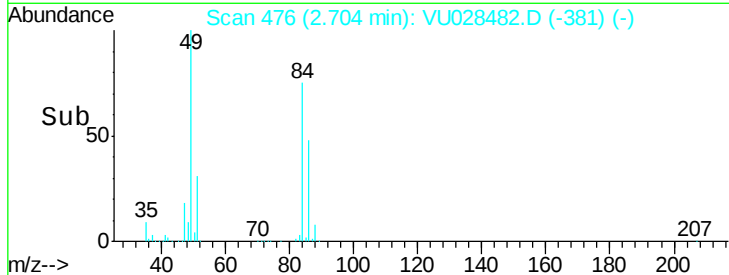
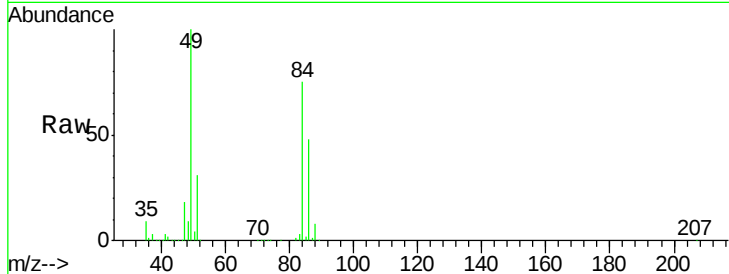
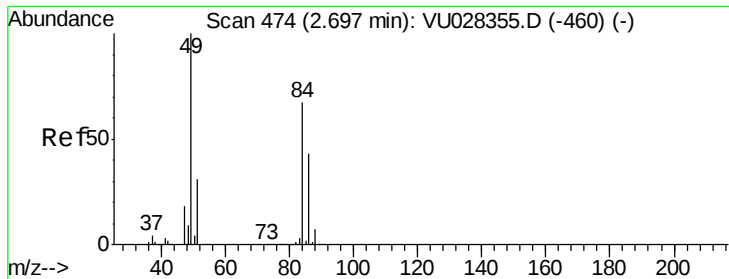
50000

0

2.25 2.30 2.35 2.40

Time-->





#20

Methylene Chloride

Concen: 335.984 ug/l

RT: 2.70 min Scan# 476

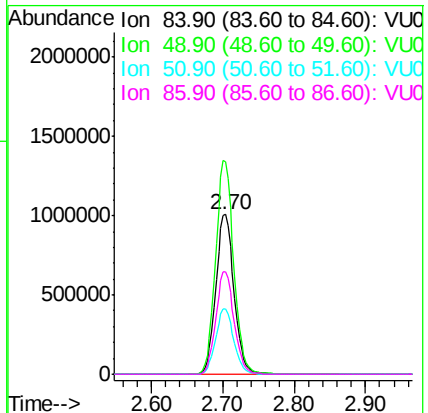
Delta R.T. 0.01 min

Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Tgt Ion: 84 Resp: 1778494

Ion	Ratio	Lower	Upper
84	100		
49	133.2	120.0	180.0
51	41.1	36.9	55.3
86	64.5	51.1	76.7



Instrument :

MSVOA_U

ClientSampleId :

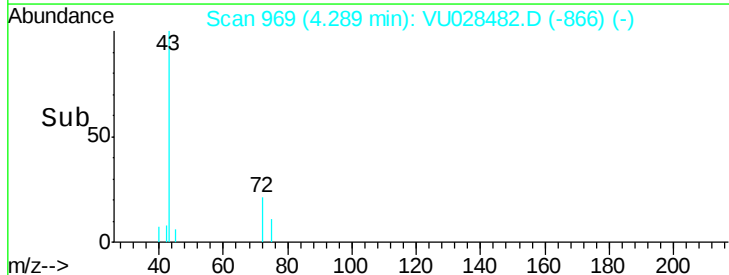
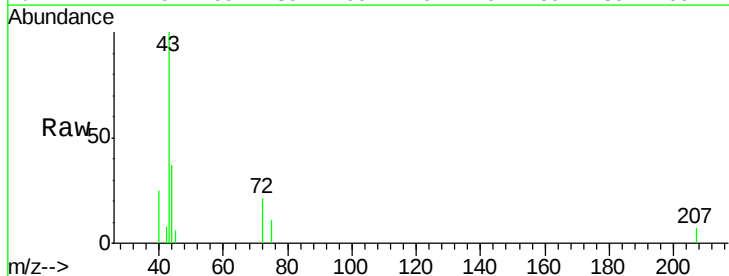
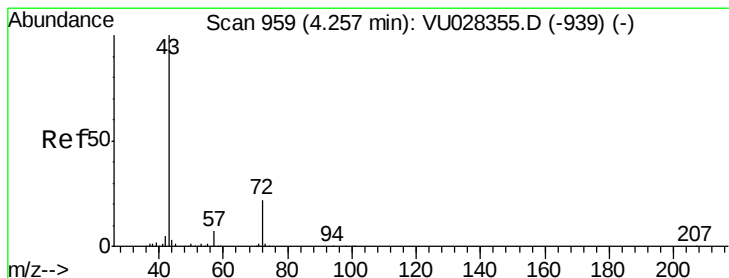
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#25

2-Butanone

Concen: 1.189 ug/l m

RT: 4.29 min Scan# 969

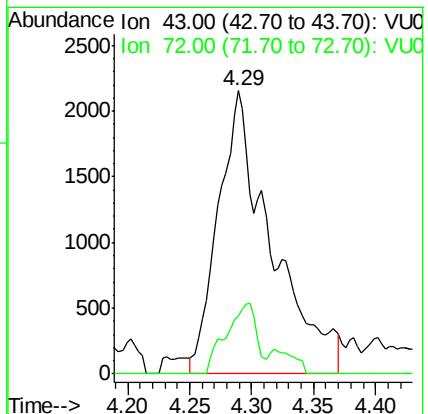
Delta R.T. 0.03 min

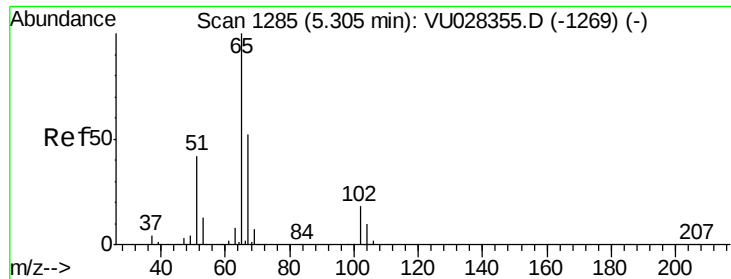
Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Tgt Ion: 43 Resp: 6403

Ion	Ratio	Lower	Upper
43	100		
72	20.7	17.7	26.5





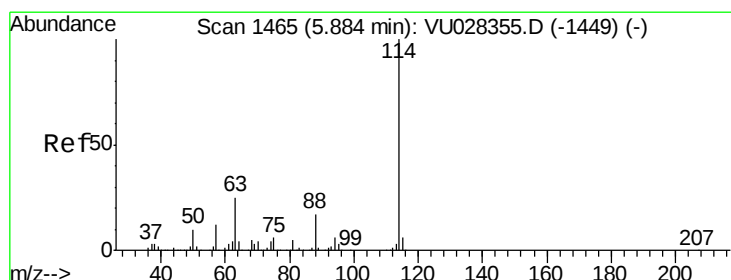
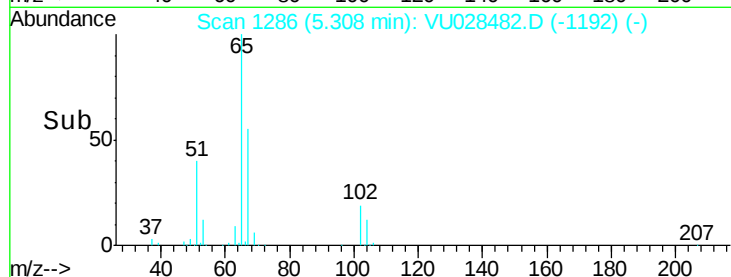
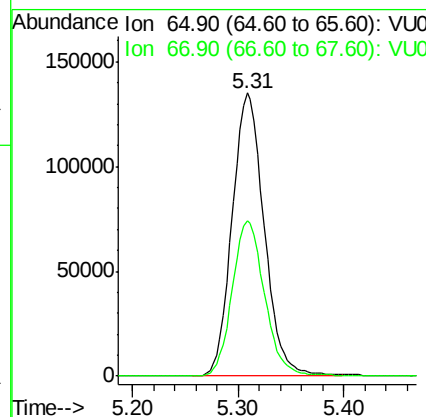
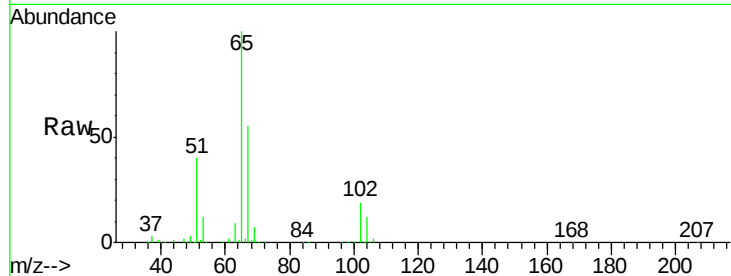
#33
 1,2-Dichloroethane-d4
 Concen: 46.367 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028482.D
 Acq: 05 Dec 2018 15:57

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
65	100	284821		
67	55.1	0.0	106.8	

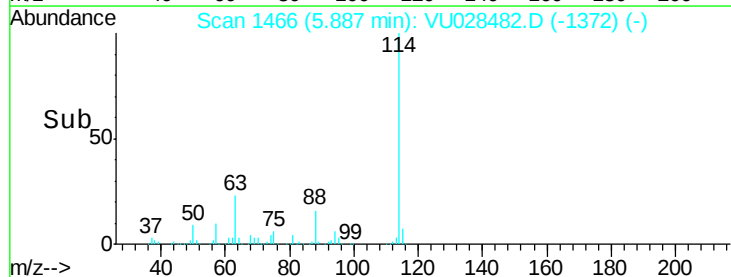
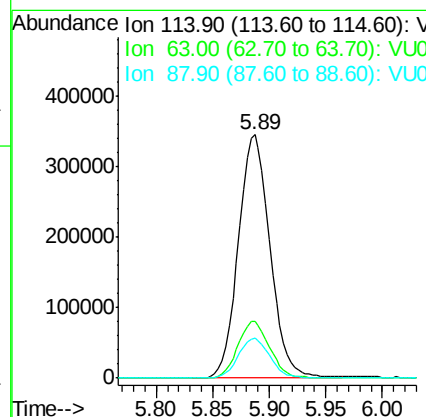
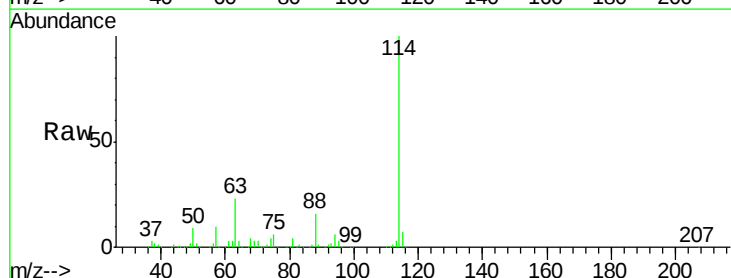
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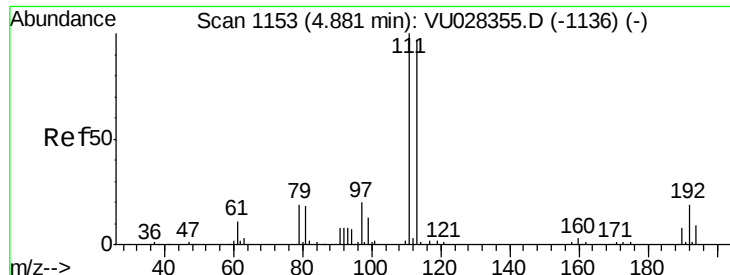
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028482.D
 Acq: 05 Dec 2018 15:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	675789		
63	23.4	0.0	50.0	
88	16.4	0.0	34.4	





#35

Dibromofluoromethane

Concen: 19.353 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Instrument :

MSVOA_U

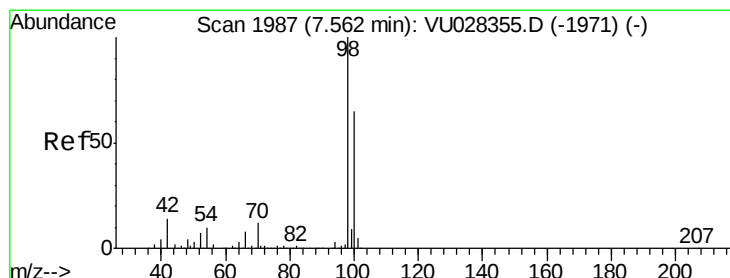
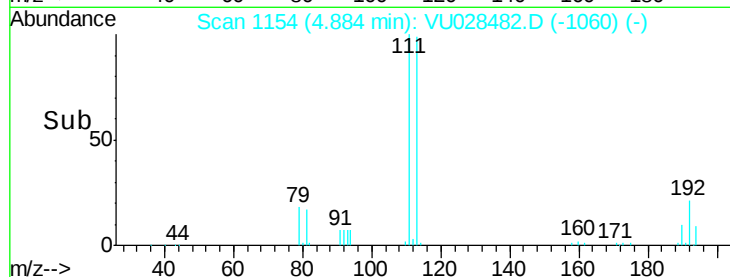
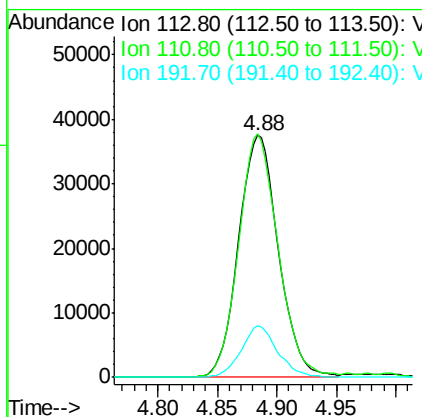
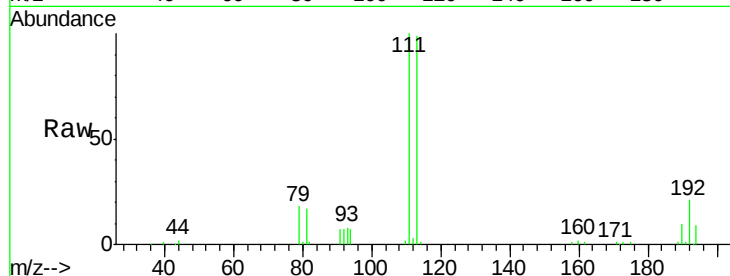
ClientSampleId :

OK-02-120418-B

Tgt Ion:	113	Resp:	86966
Ion	Ratio	Lower	Upper
113	100		
111	99.5	82.9	124.3
192	19.5	15.4	23.0

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#50

Toluene-d8

Concen: 48.982 ug/l

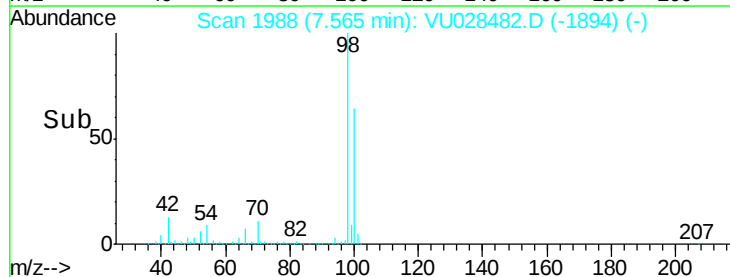
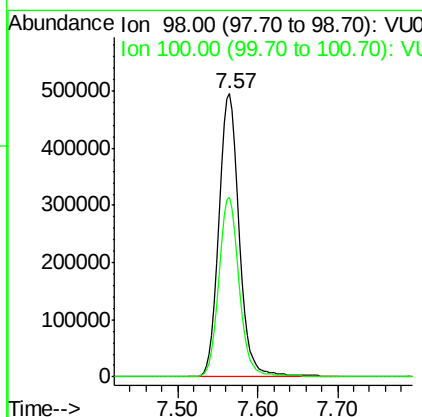
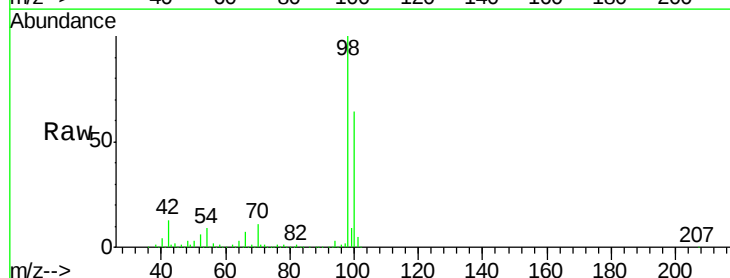
RT: 7.57 min Scan# 1988

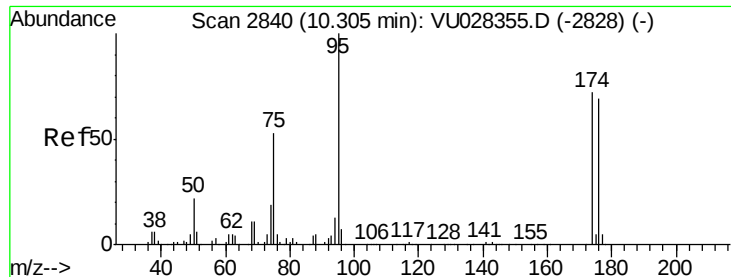
Delta R.T. 0.00 min

Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Tgt Ion:	98	Resp:	880294
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.8	76.2





#62

4-Bromofluorobenzene

Concen: 49.740 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Instrument :

MSVOA_U

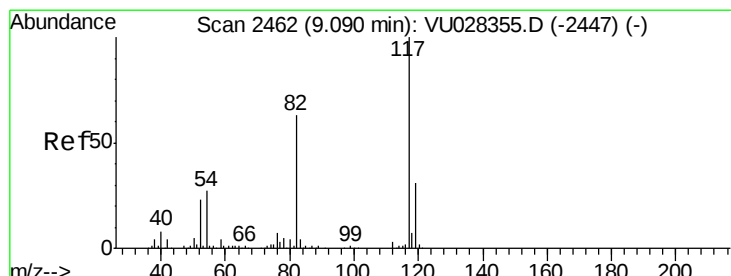
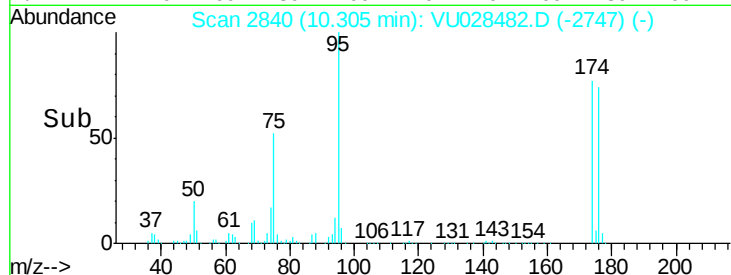
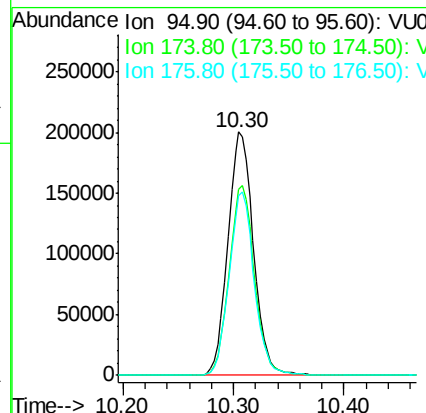
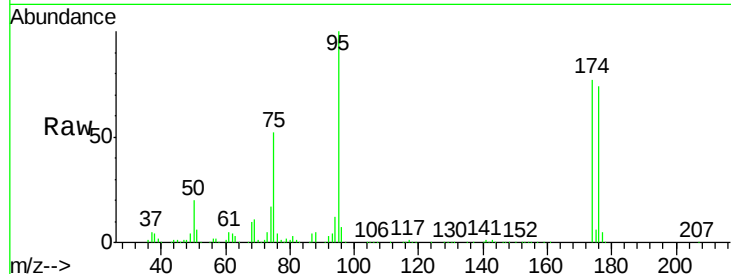
ClientSampleId :

OK-02-120418-B

Tgt Ion:	95	Resp:	322191
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	145.4
176	74.0	0.0	140.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

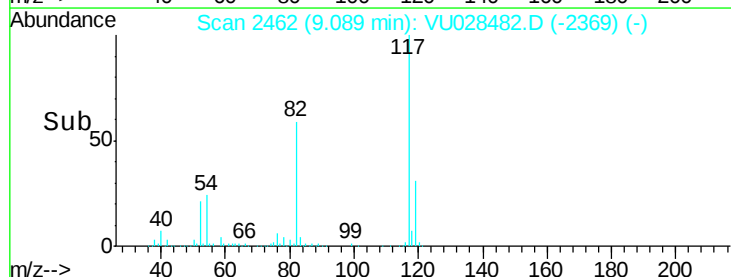
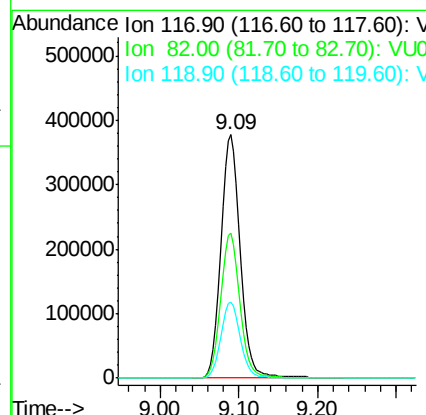
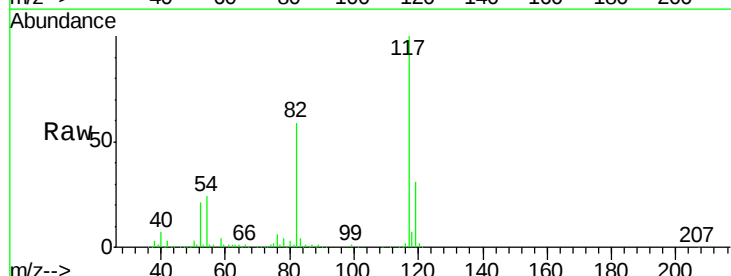
RT: 9.09 min Scan# 2462

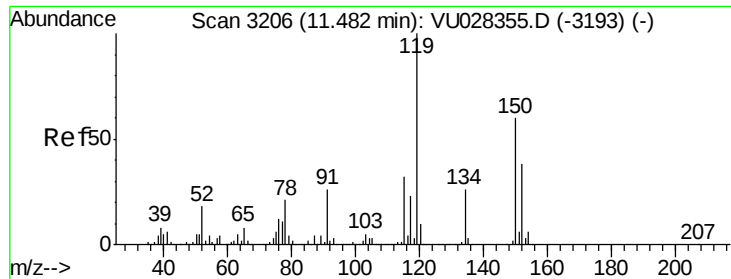
Delta R.T. -0.00 min

Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Tgt Ion:	117	Resp:	638739
Ion	Ratio	Lower	Upper
117	100		
82	59.4	50.3	75.5
119	31.3	24.8	37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Instrument :

MSVOA_U

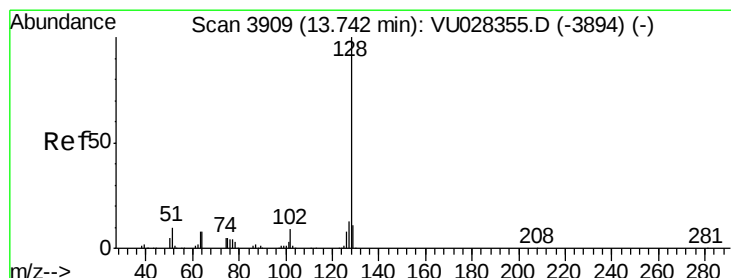
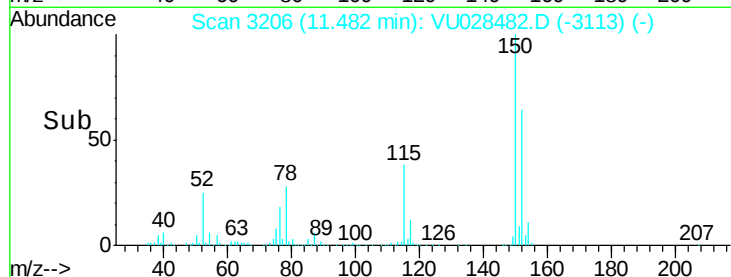
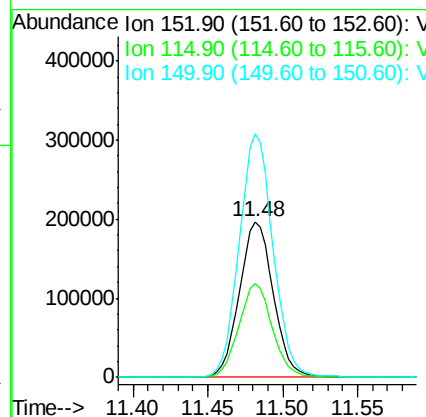
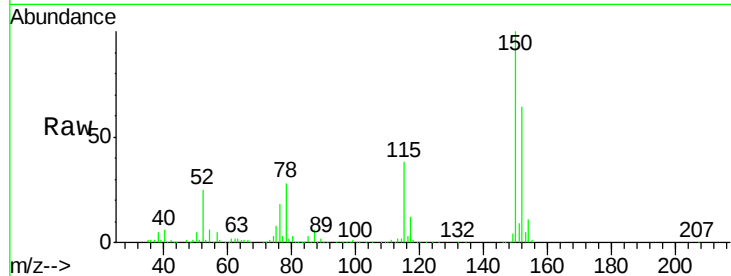
ClientSampleId :

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Tgt	Ion	152	Resp:	309851
Ion	Ratio	Lower	Upper	
152	100			
115	59.5	45.0	134.8	
150	157.1	0.0	349.2	

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#95

Naphthalene

Concen: 4.475 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU028482.D

Acq: 05 Dec 2018 15:57

Tgt	Ion	128	Resp:	45333
Ion	Ratio	Lower	Upper	
128	100			
127	11.5	10.6	15.8	
129	11.2	8.6	12.8	

