

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112918\
 Data File : VU028382.D
 Acq On : 29 Nov 2018 10:45
 Operator : MD/SY
 Sample : J6081-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

Quant Time: Nov 30 07:00:28 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	300697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	569446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	524931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	229999	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	261099	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
35) Dibromofluoromethane	4.88	113	190518	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
50) Toluene-d8	7.57	98	749689	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.30	95	265467	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	

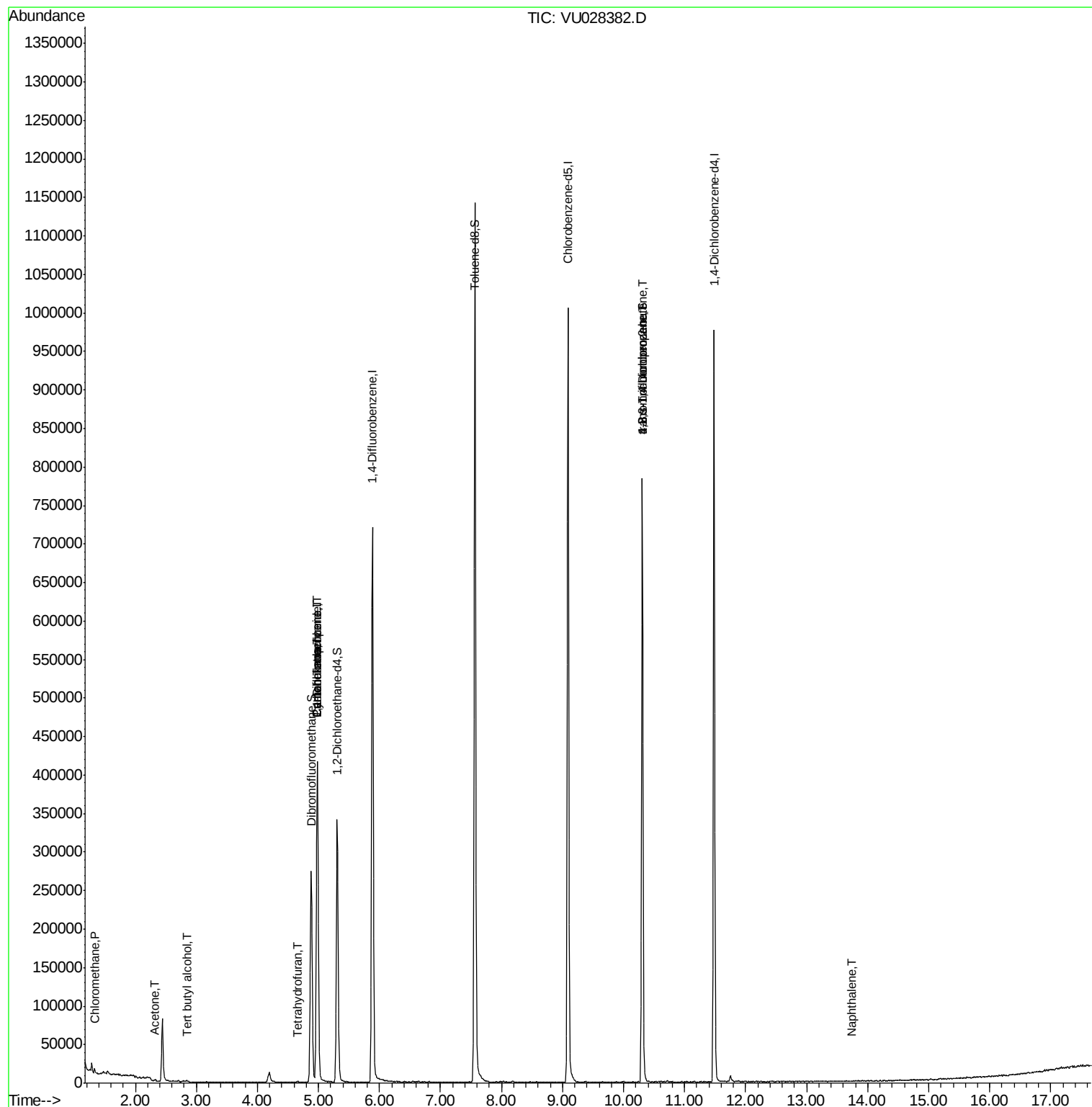
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	4086	0.523	ug/l	96
11) Tert butyl alcohol	2.84	59	1288	1.128	ug/l #	72
16) Acetone	2.32	43	2561	0.833	ug/l	93
29) Tetrahydrofuran	4.66	42	850	0.297	ug/l #	69
31) Cyclohexane	4.98	56	7656	0.534	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	28583	4.587	ug/l #	50
38) Carbon Tetrachloride	4.98	117	31137	6.085	ug/l #	15
76) 1,2,3-Trichloropropane	10.30	75	139183	21.822	ug/l #	33
81) trans-1,4-Dichloro-2-buten	10.30	75	139183	57.927	ug/l #	100
95) Naphthalene	13.75	128	45	2.837	ug/l #	69

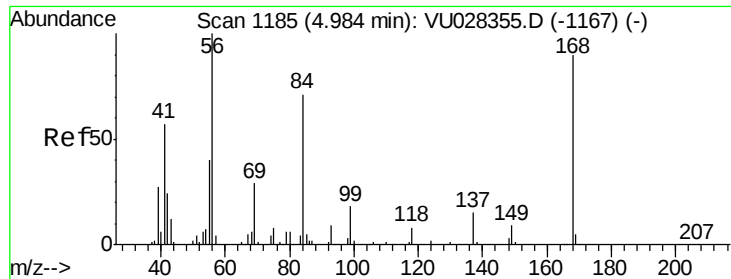
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1184

Delta R.T. -0.00 min

Lab File: VU028382.D

Acq: 29 Nov 2018 10:45

Instrument :

MSVOA_U

ClientSampleId :

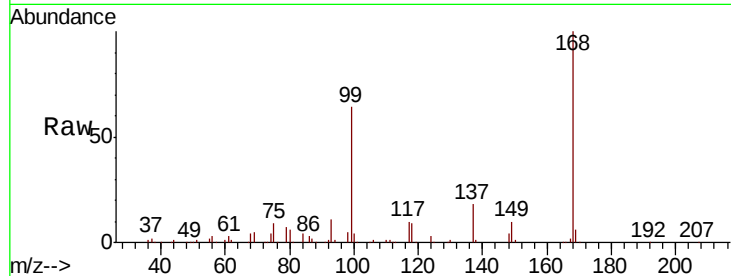
S32-TB-2018-3

Tot Ion:168 Resp: 300697

Ion Ratio Lower Upper

168 100

99 63.6 49.6 74.4



Abundance Ion 167.90 (167.60 to 168.60): VU0

Ion 98.90 (98.60 to 99.60): VU0

4.98

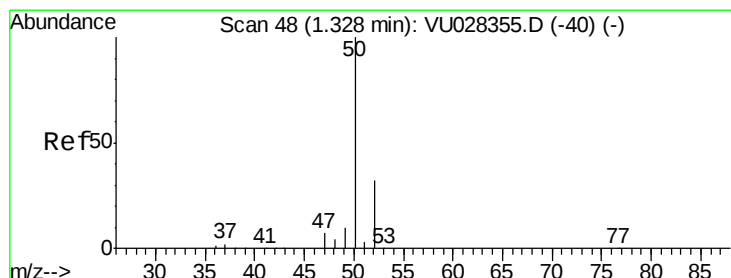
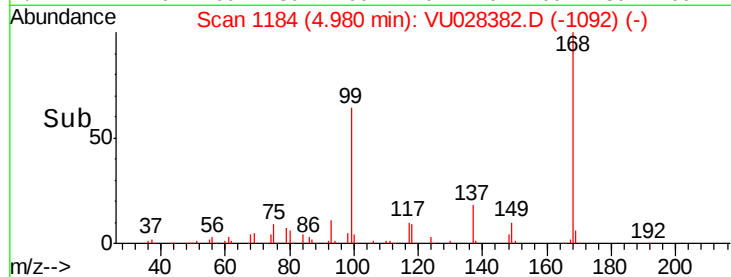
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.523 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU028382.D

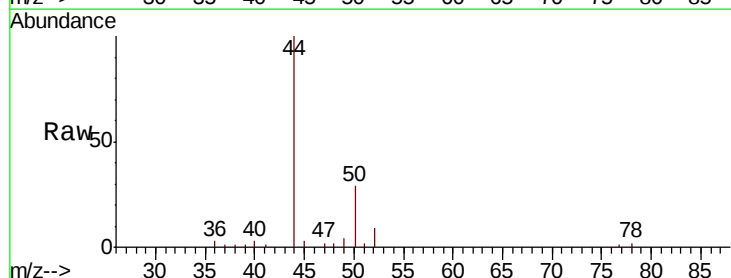
Acq: 29 Nov 2018 10:45

Tgt Ion: 50 Resp: 4086

Ion Ratio Lower Upper

50 100

52 29.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0

1.33

4000

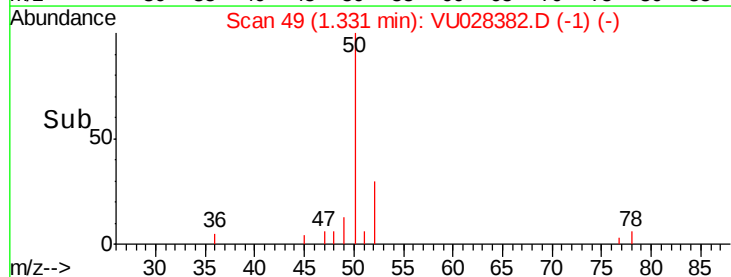
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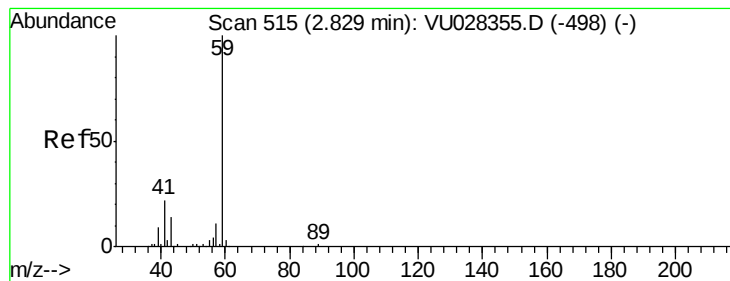
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1000

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Time-->



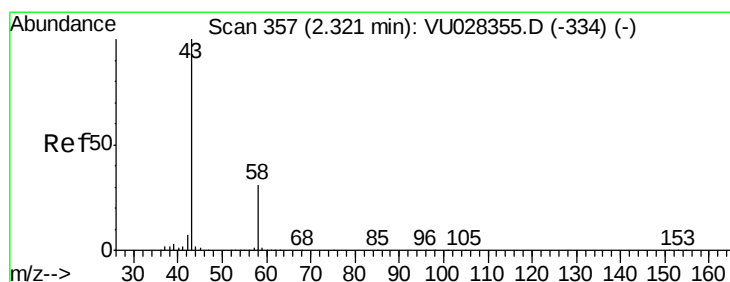
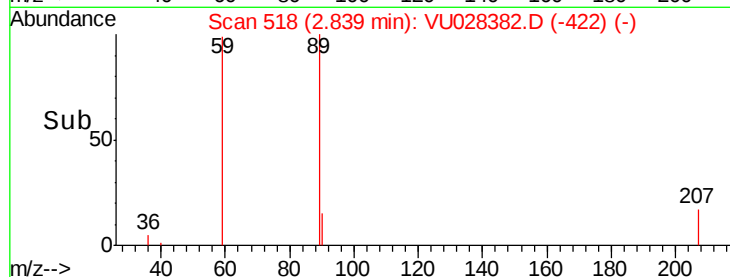
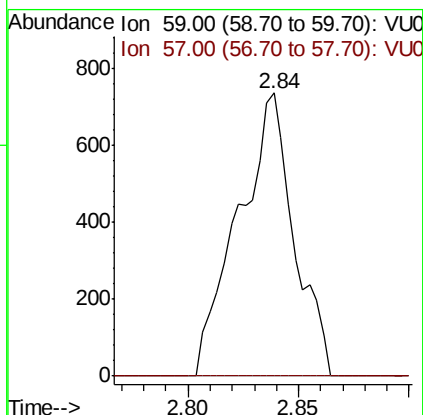
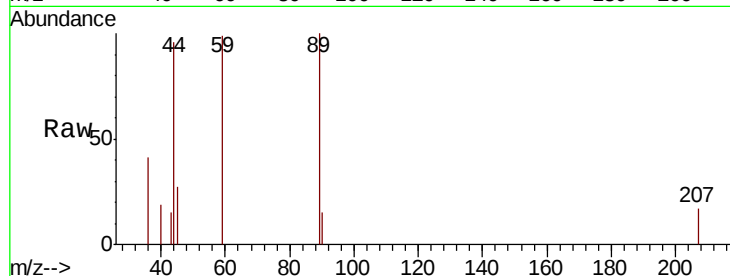


#11

Tert butyl alcohol
 Concen: 1.128 ug/l
 RT: 2.84 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

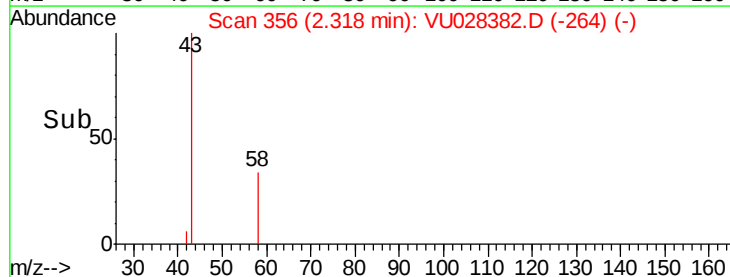
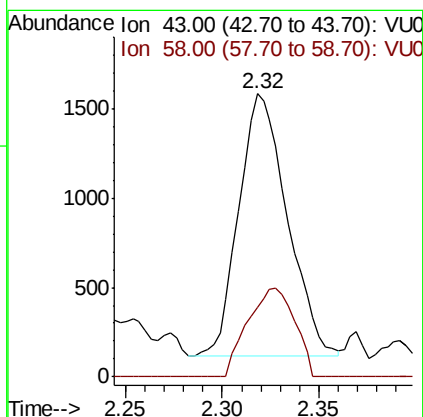
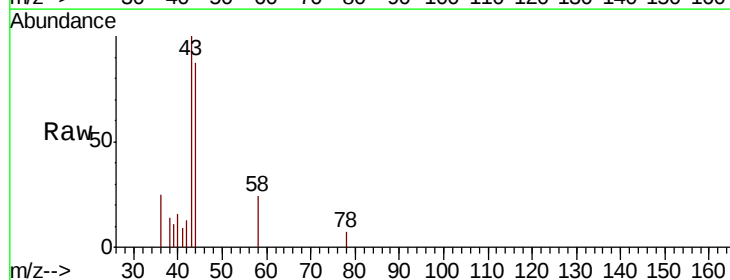
Tot Ion: 59 Resp: 1288
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

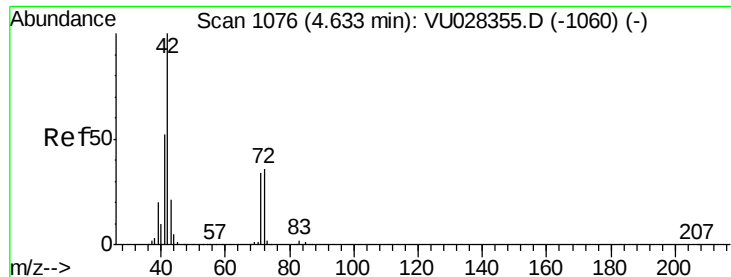


#16

Acetone
 Concen: 0.833 ug/l
 RT: 2.32 min Scan# 356
 Delta R.T. -0.00 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

Tgt Ion: 43 Resp: 2561
 Ion Ratio Lower Upper
 43 100
 58 26.4 24.4 36.6

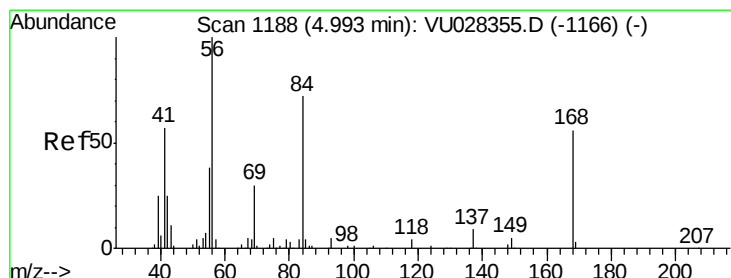
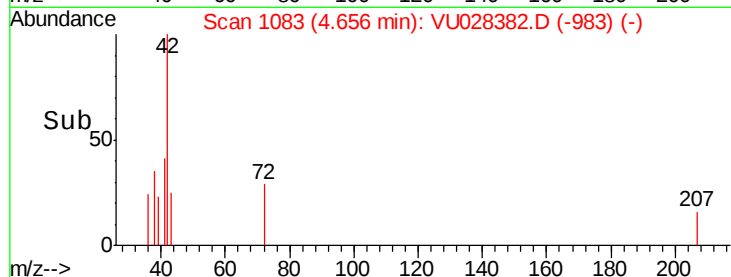
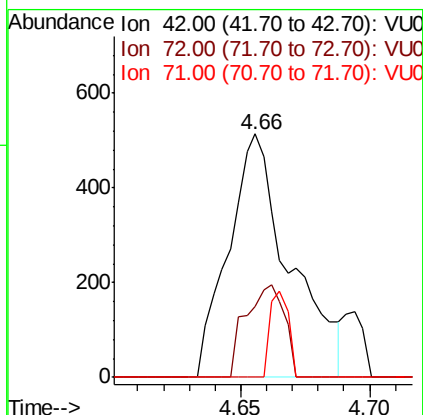
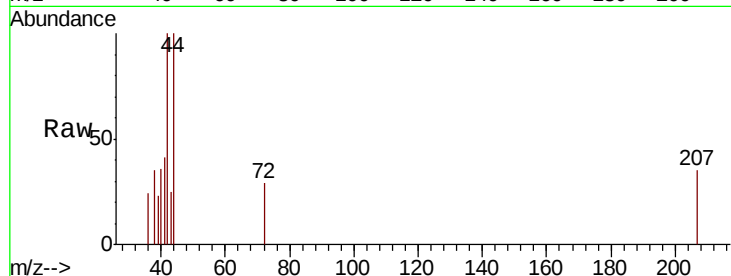




#29
Tetrahydrofuran
Concen: 0.297 ug/l
RT: 4.66 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VU028382.D
Acq: 29 Nov 2018 10:45

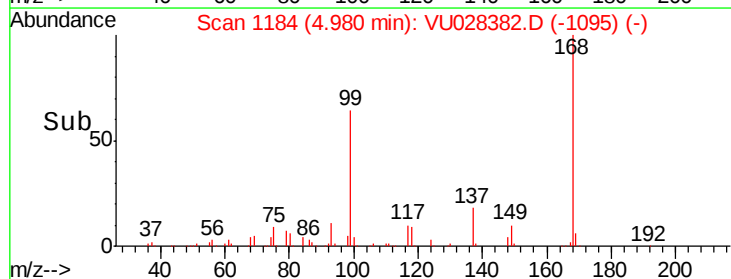
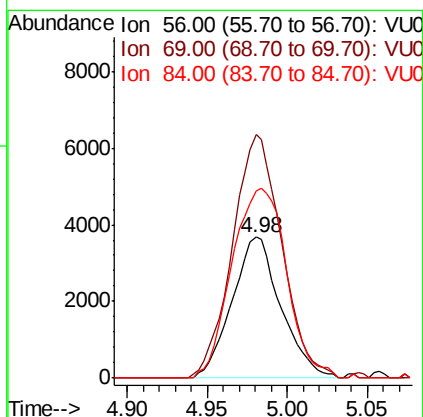
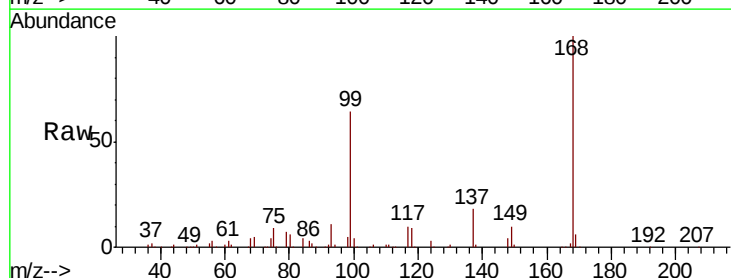
Instrument :
MSVOA_U
ClientSampleId :
S32-TB-2018-3

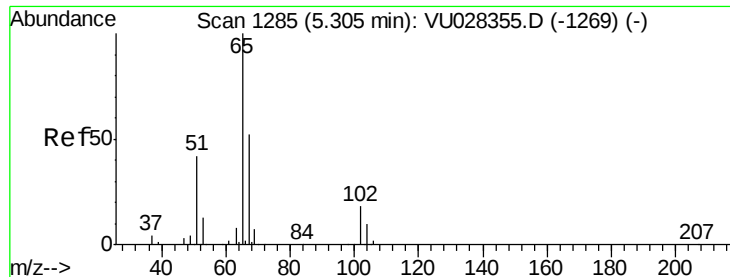
Tot Ion	Ratio	Lower	Upper
42	100		
72	24.2	29.5	44.3#
71	10.9	27.7	41.5#



#31
Cyclohexane
Concen: 0.534 ug/l
RT: 4.98 min Scan# 1184
Delta R.T. -0.01 min
Lab File: VU028382.D
Acq: 29 Nov 2018 10:45

Tgt Ion	Ratio	Lower	Upper
56	100		
69	172.8	23.7	35.5#
84	132.7	57.3	85.9#

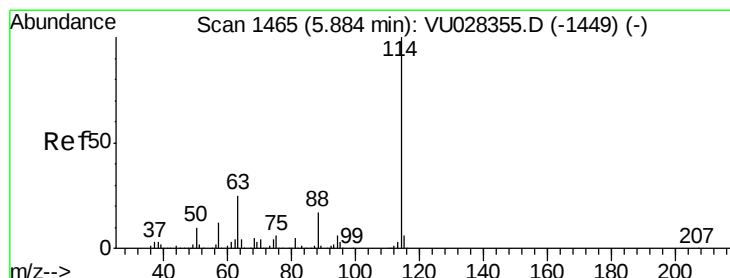
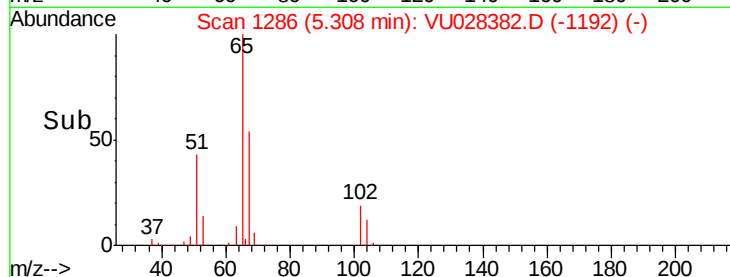
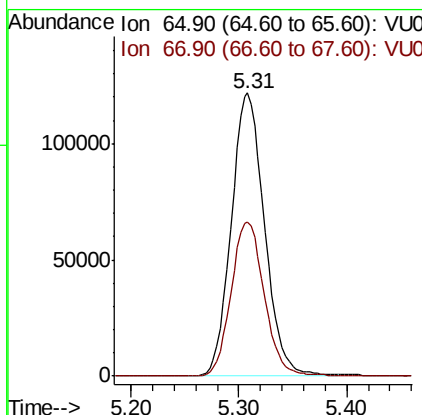
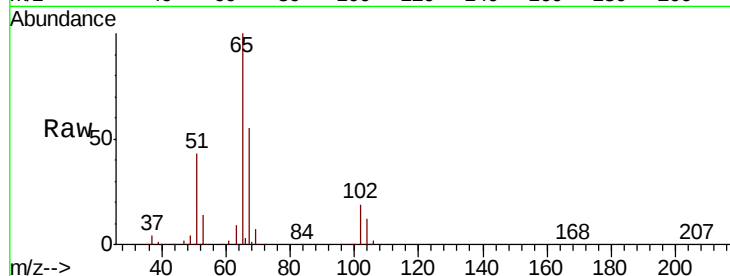




#33
 1,2-Dichloroethane-d4
 Concen: 51.956 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

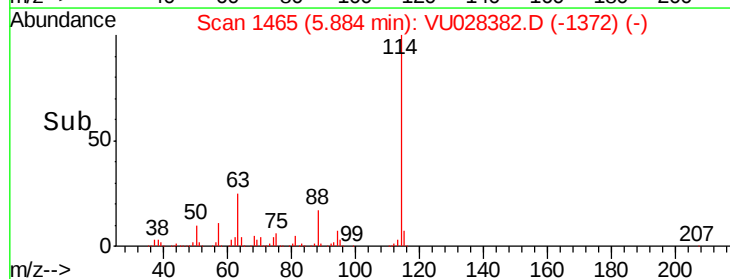
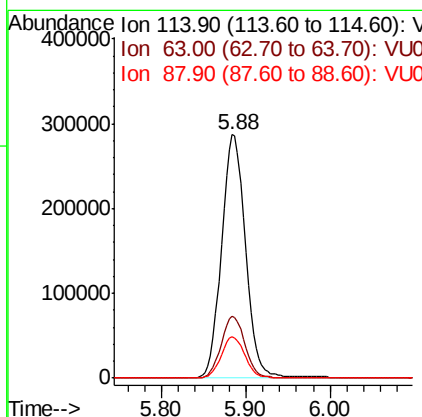
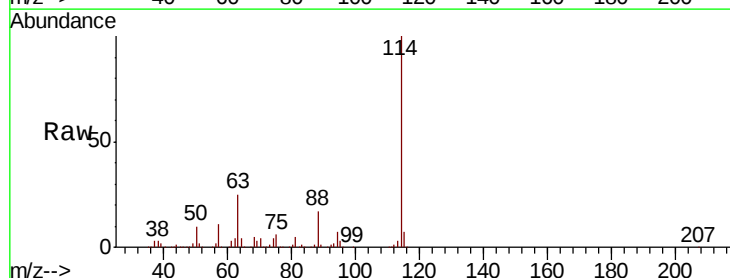
Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

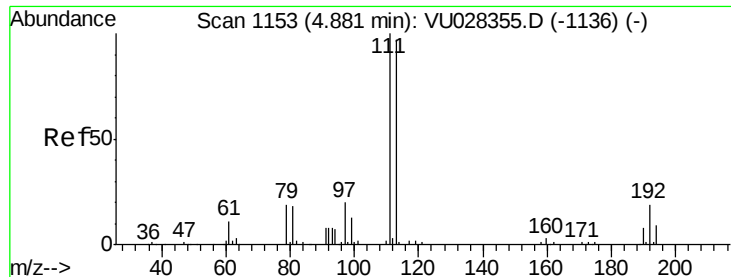
Tot Ion: 65 Resp: 261099
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

Tgt Ion: 114 Resp: 569446
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 50.0
 88 16.9 0.0 34.4

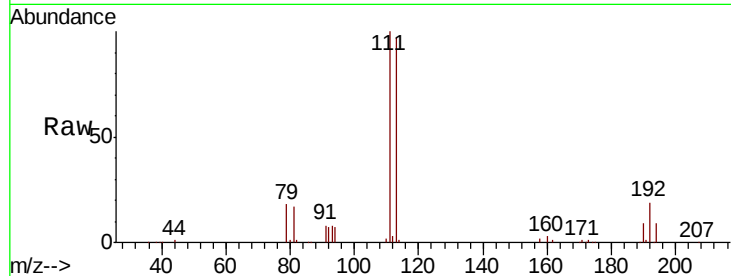




#35
 Dibromofluoromethane
 Concen: 50.314 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

Instrument :
 MSVOA_U
 ClientSampleId :
 S32-TB-2018-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	18.9	15.4	23.0

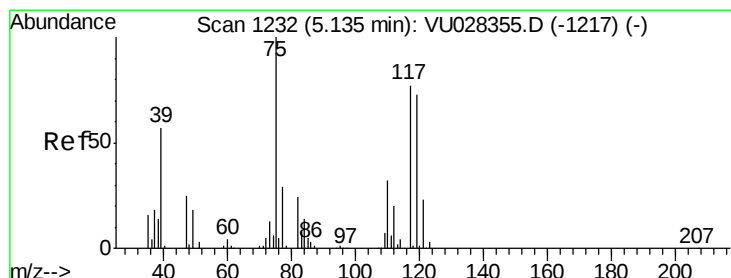
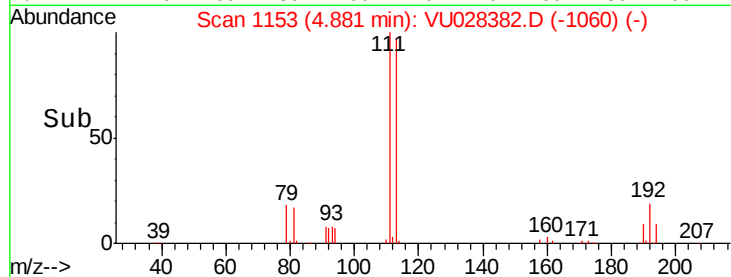
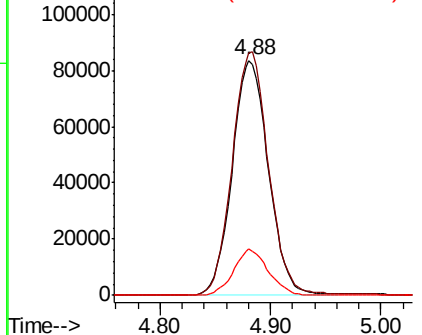


Abundance

Ion 112.80 (112.50 to 113.50): V

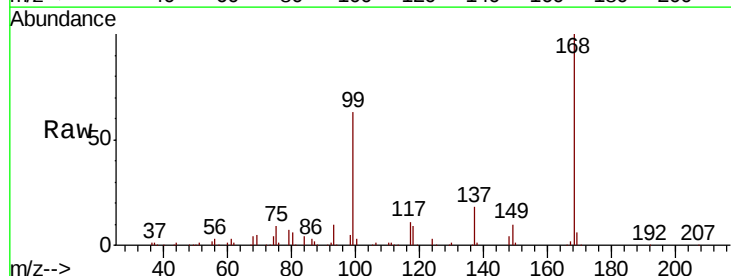
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 4.587 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.5	15.8	47.4#
77	0.0	24.6	36.8#

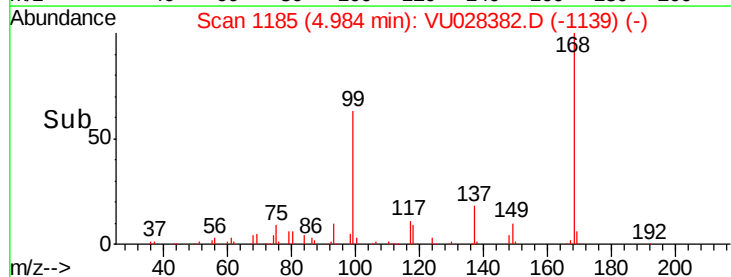
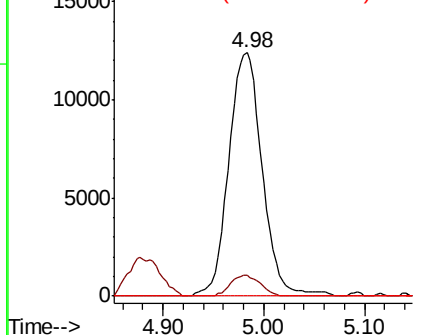


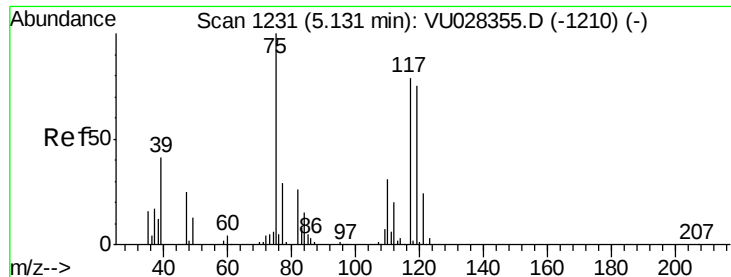
Abundance

Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.085 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU028382.D

Acq: 29 Nov 2018 10:45

Instrument :

MSVOA_U

ClientSampleId :

S32-TB-2018-3

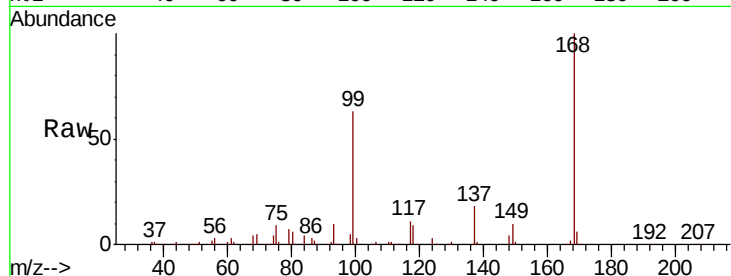
Tot Ion:117 Resp: 31137

Ion Ratio Lower Upper

117 100

119 4.1 76.3 114.5#

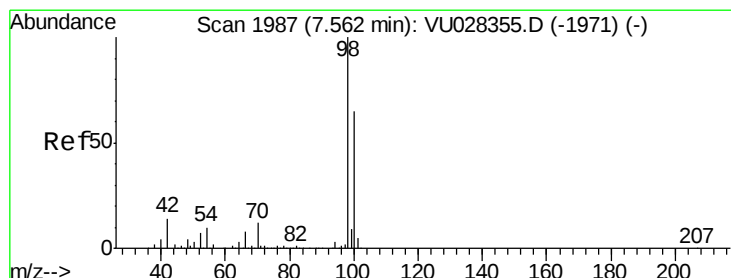
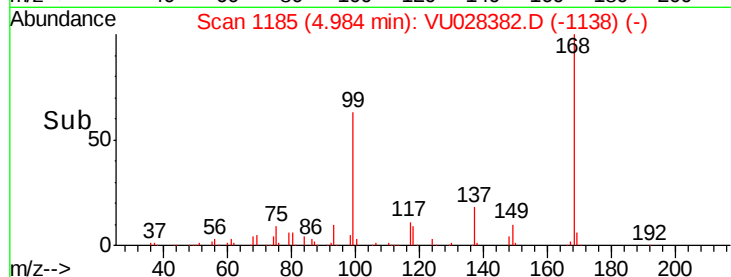
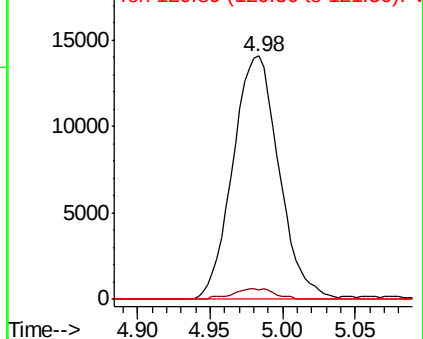
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.505 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028382.D

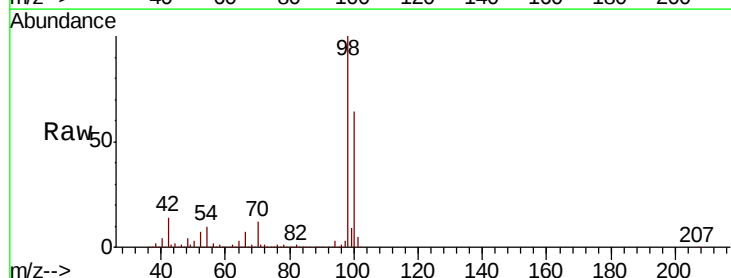
Acq: 29 Nov 2018 10:45

Tgt Ion: 98 Resp: 749689

Ion Ratio Lower Upper

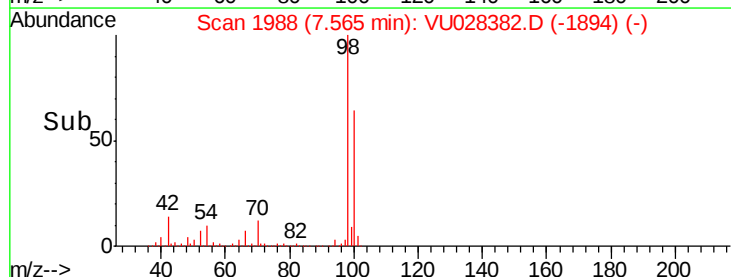
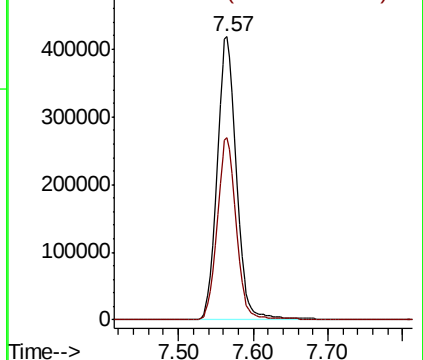
98 100

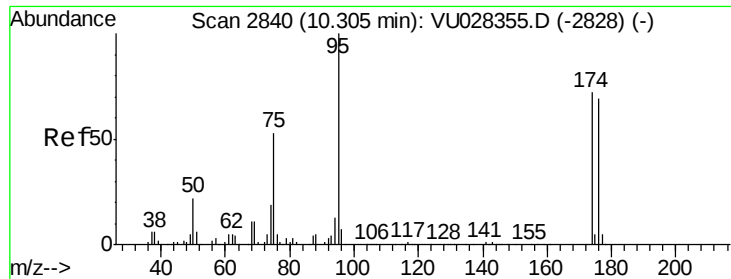
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

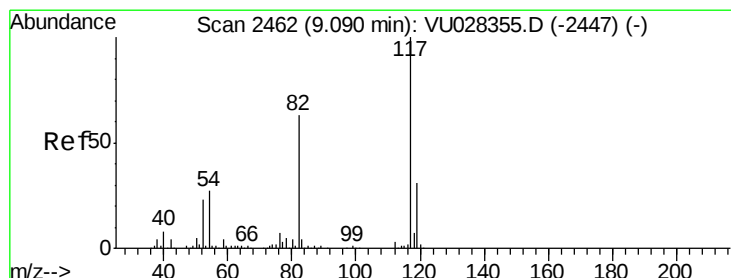
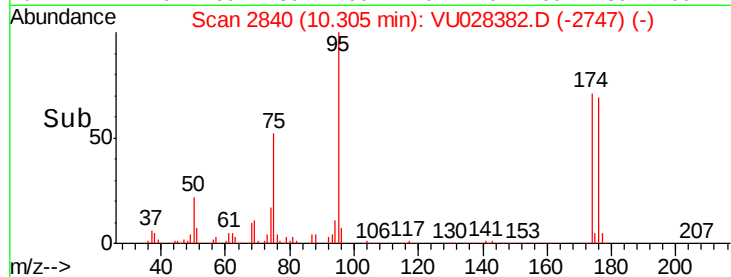
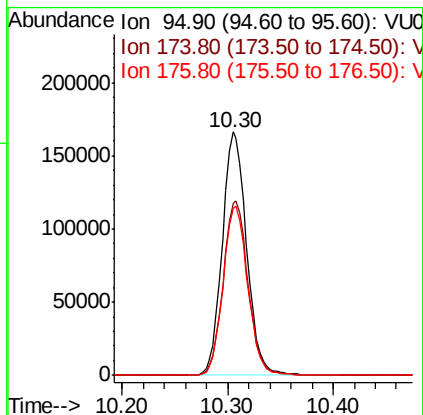
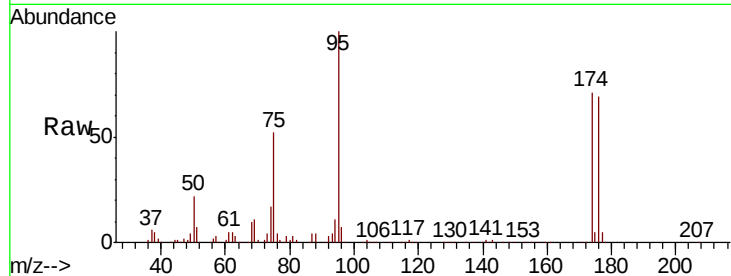




#62
 4-Bromofluorobenzene
 Concen: 48.636 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

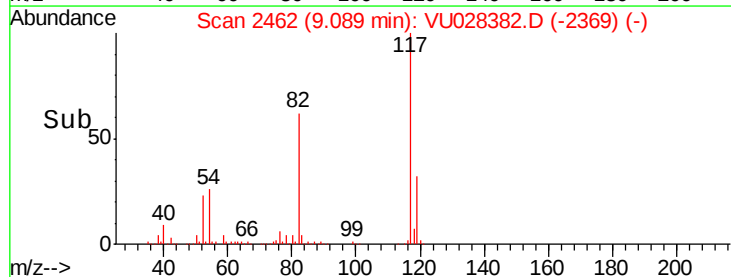
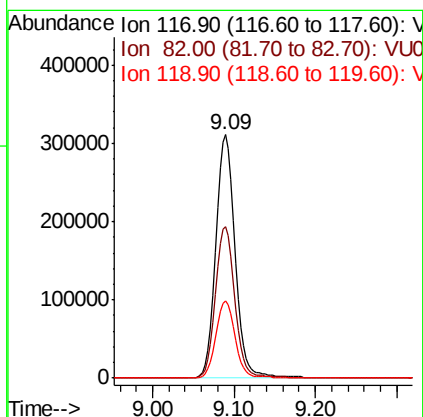
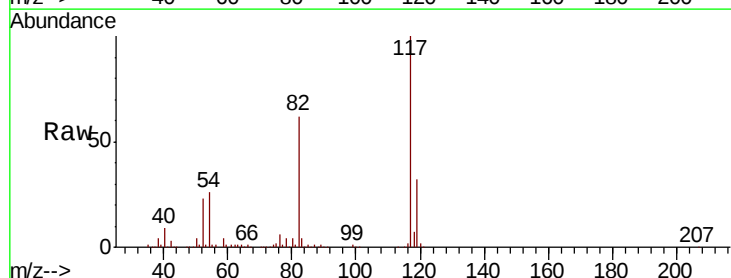
Instrument :
 MSVOA_U
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 S32-TB-2018-3

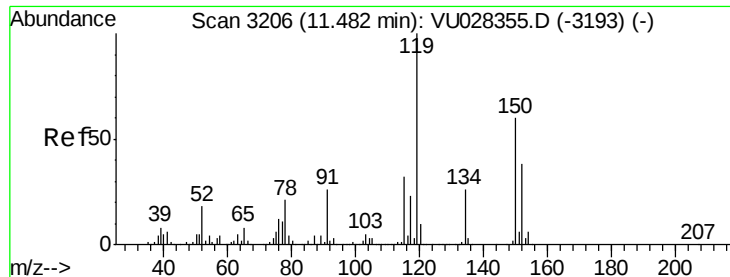
Tot Ion: 95 Resp: 265467
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 145.4
 176 70.4 0.0 140.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028382.D
 Acq: 29 Nov 2018 10:45

Tgt Ion: 117 Resp: 524931
 Ion Ratio Lower Upper
 117 100
 82 62.1 50.3 75.5
 119 31.7 24.8 37.2



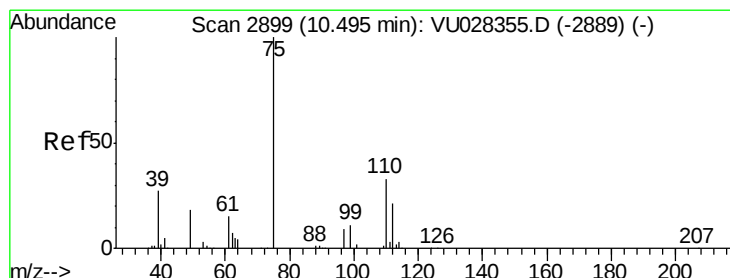
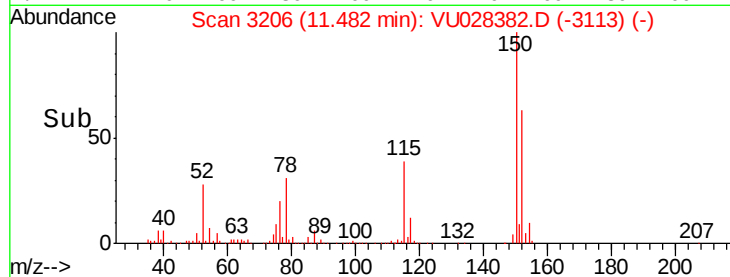
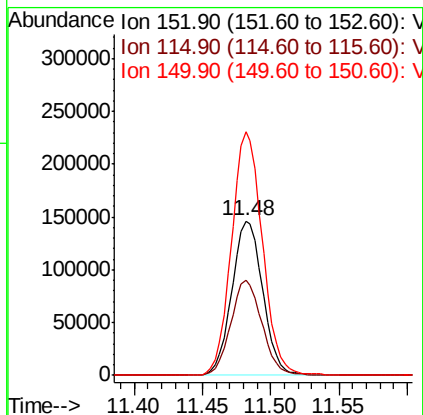
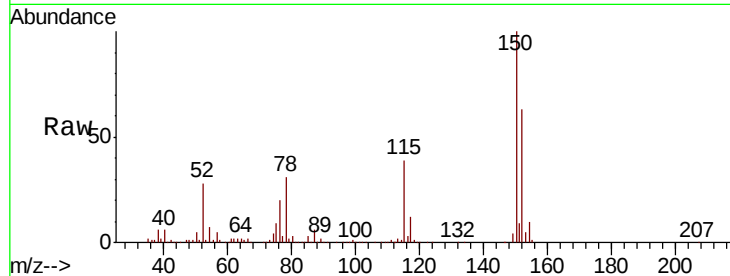


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028382.D
Acq: 29 Nov 2018 10:45

Instrument :
MSVOA_U
ClientSampleId :
S32-TB-2018-3

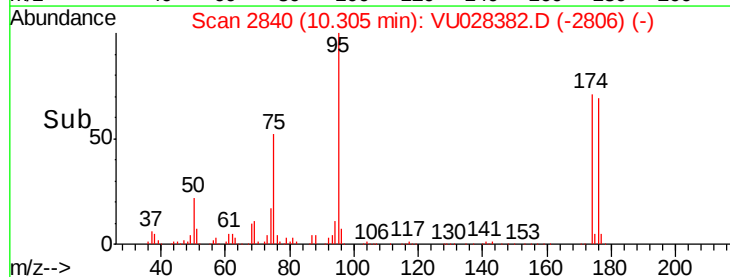
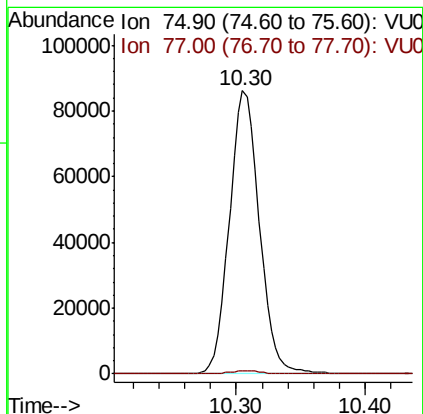
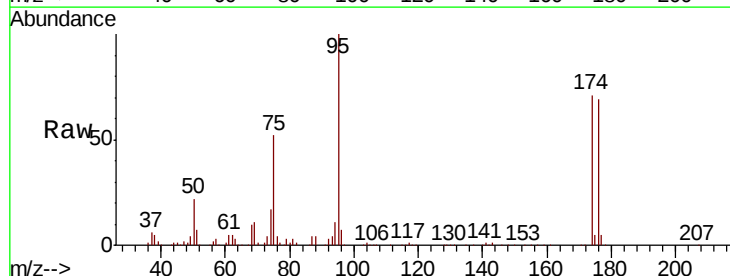
Tot Ion:152 Resp: 229999
Ion Ratio Lower Upper
152 100
115 62.4 45.0 134.8
150 158.1 0.0 349.2

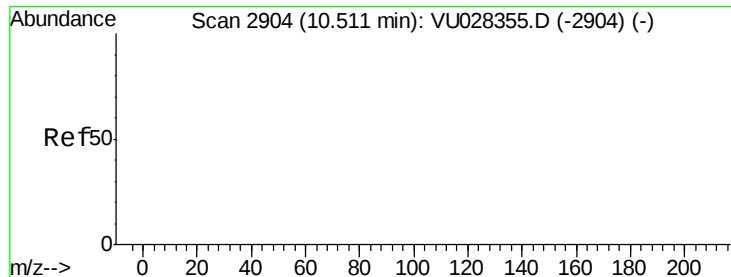


#76

1,2,3-Trichloropropane
Concen: 21.822 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.19 min
Lab File: VU028382.D
Acq: 29 Nov 2018 10:45

Tgt Ion: 75 Resp: 139183
Ion Ratio Lower Upper
75 100
77 1.2 22.4 67.0#

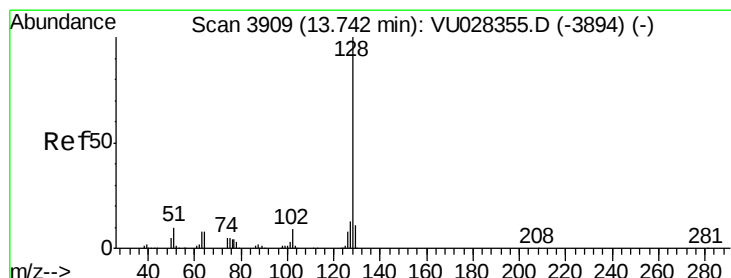
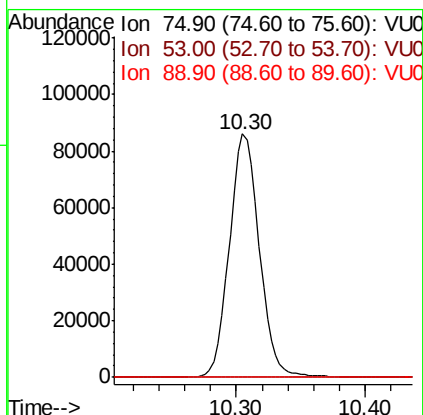
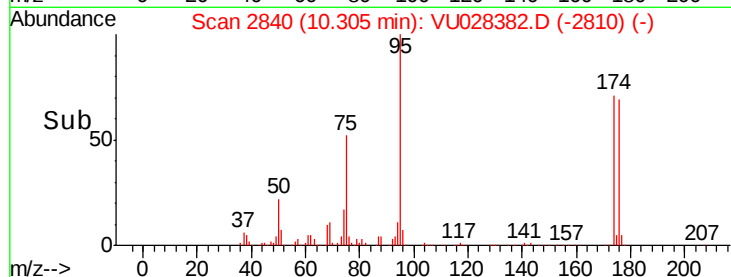
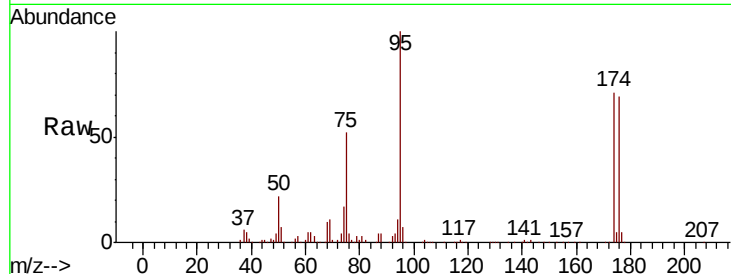




#81
trans-1,4-Dichloro-2-butene
Concen: 57.927 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.20 min
Lab File: VU028382.D
Acq: 29 Nov 2018 10:45

Instrument :
MSVOA_U
ClientSampleId :
S32-TB-2018-3

Tot Ion: 75 Resp: 139183
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#95
Naphthalene
Concen: 2.837 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU028382.D
Acq: 29 Nov 2018 10:45

Tgt Ion: 128 Resp: 45
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

