

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062220\
 Data File : VX016928.D
 Acq On : 22 Jun 2020 18:29
 Operator : JC/SP
 Sample : L3054-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 218DL

Manual Integrations
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MMDadoda
 6/23/2020 11:04:30 AM

Quant Time: Jun 23 08:21:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	324184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476249	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	511731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	285935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	161200	41.35	ug/l	0.00
Spiked Amount						
			Recovery	=	82.70%	
35) Dibromofluoromethane	5.46	113	172152	56.51	ug/l	0.00
Spiked Amount						
			Recovery	=	113.02%	
50) Toluene-d8	8.70	98	694356	56.97	ug/l	0.00
Spiked Amount						
			Recovery	=	113.94%	
62) 4-Bromofluorobenzene	11.12	95	296228	63.43	ug/l	0.00
Spiked Amount						
			Recovery	=	126.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.03	59	3086m	4.682	ug/l	
16) Acetone	2.42	43	711349	502.591	ug/l	100
17) Carbon Disulfide	2.54	76	11062	1.236	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	4249	0.430	ug/l	97
20) Methylene Chloride	2.83	84	6511	1.918	ug/l	90
25) 2-Butanone	4.64	43	38238	19.630	ug/l	93
40) Benzene	6.10	78	9348	0.708	ug/l #	89
51) 4-Methyl-2-Pentanone	8.62	43	19947	4.888	ug/l	97
52) Toluene	8.76	92	19142	2.187	ug/l	98
67) Ethyl Benzene	10.24	91	6583	0.377	ug/l	99
68) m/p-Xylenes	10.34	106	5023	0.738	ug/l	94
69) o-Xylene	10.68	106	2694	0.428	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	16797	1.027	ug/l	97
95) Naphthalene	13.82	128	10719	0.614	ug/l	99

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

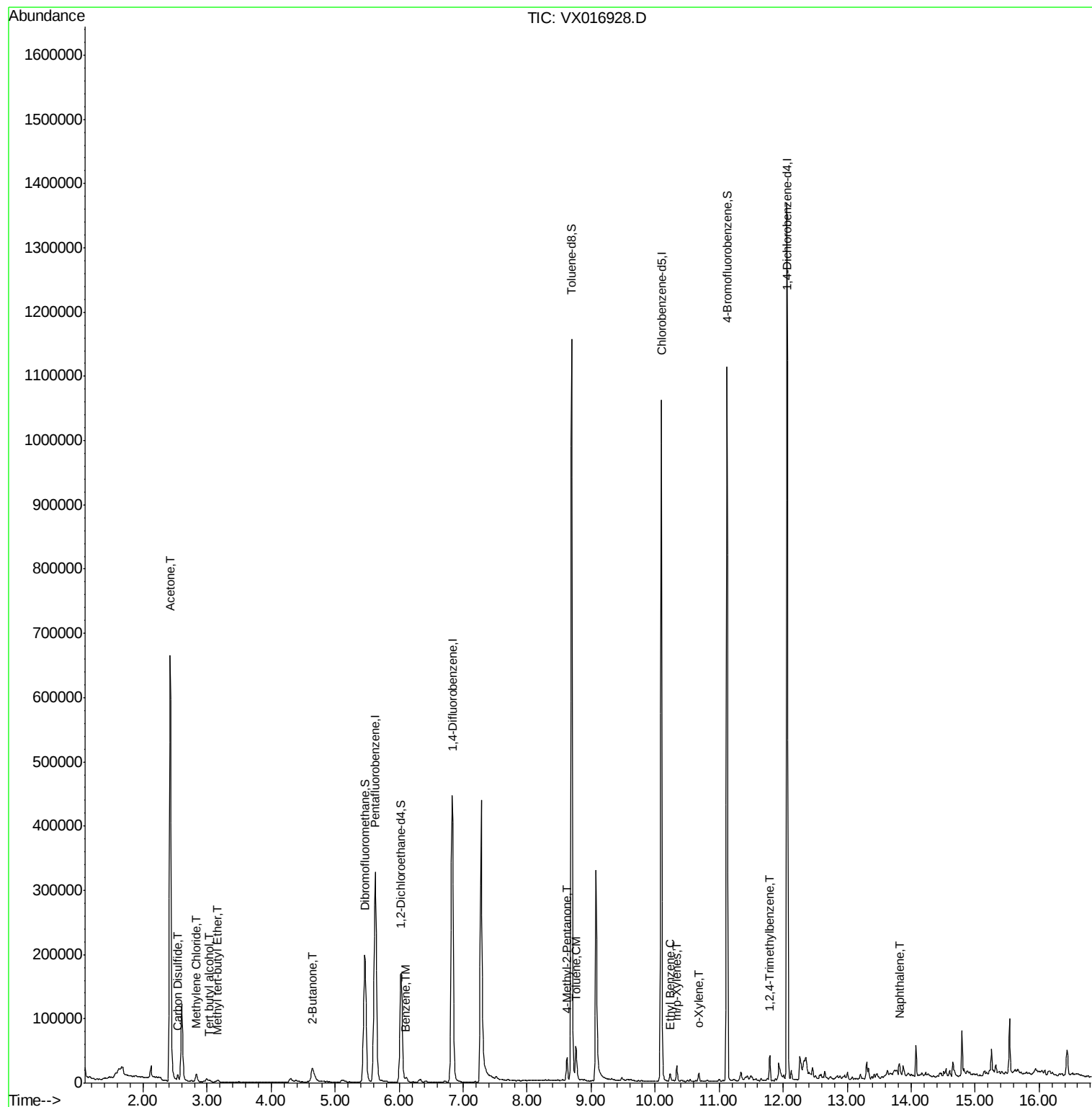
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062220\
Data File : VX016928.D
Acq On : 22 Jun 2020 18:29
Operator : JC/SP
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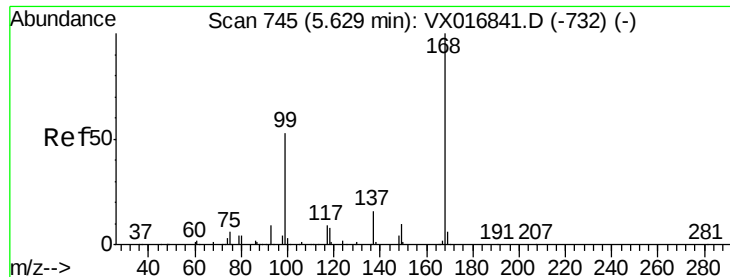
Instrument :
MSVOA_X
ClientSampled :
218DL

Manual Integrations
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Quant Time: Jun 23 08:21:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

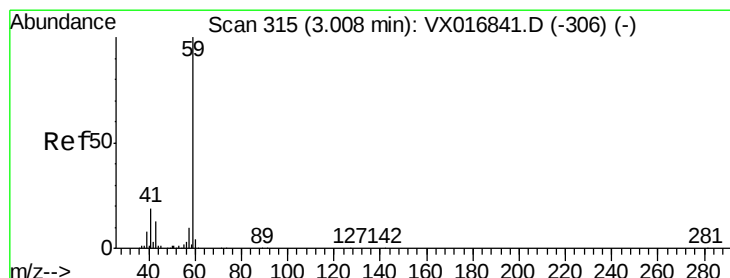
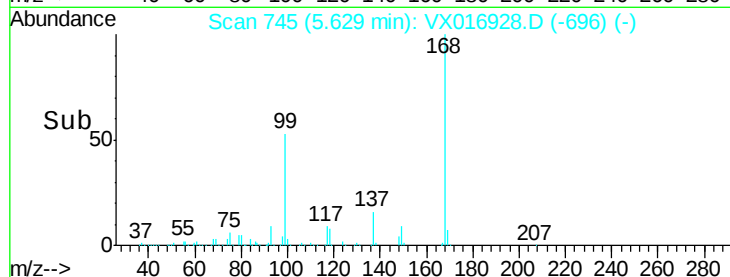
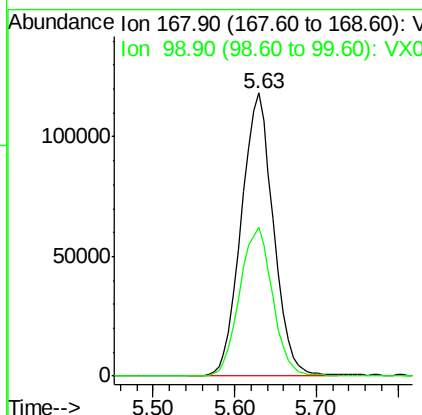
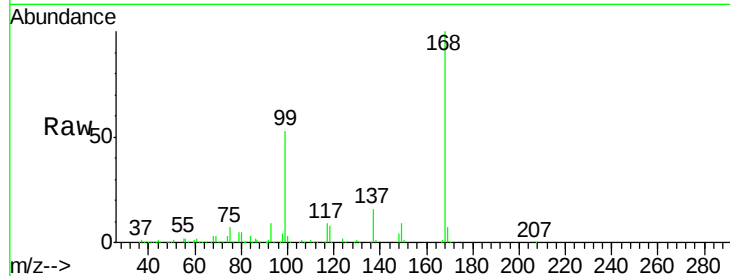
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX016928.D
 Acq: 22 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampled :
 218DL

Tot Ion	Ratio	Lower	Upper
168	100		
99	52.8	42.2	63.2

Manual Integrations
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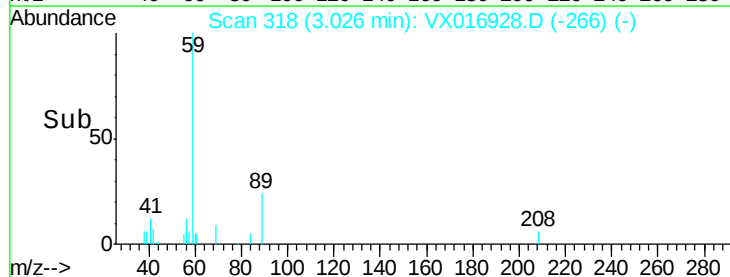
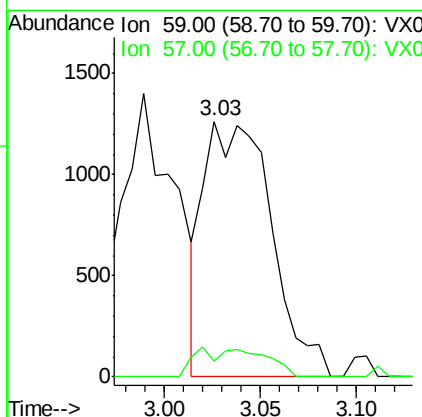
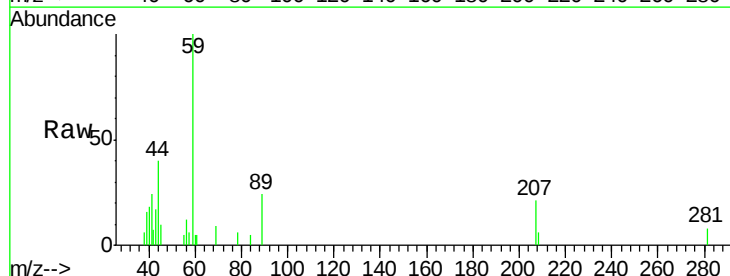
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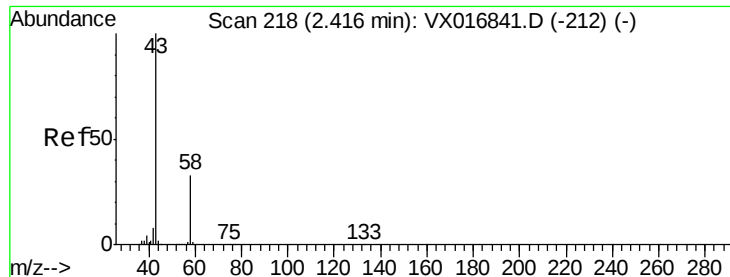


#11

Tert butyl alcohol
 Concen: 4.682 ug/l m
 RT: 3.03 min Scan# 318
 Delta R.T. 0.02 min
 Lab File: VX016928.D
 Acq: 22 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#





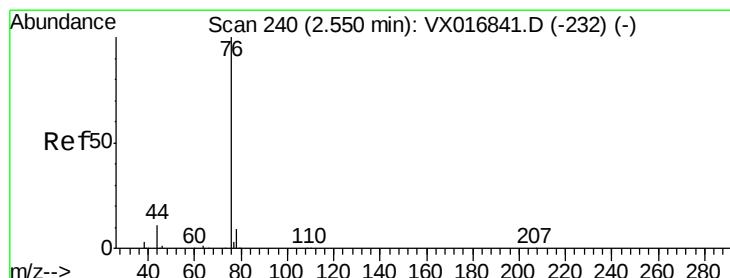
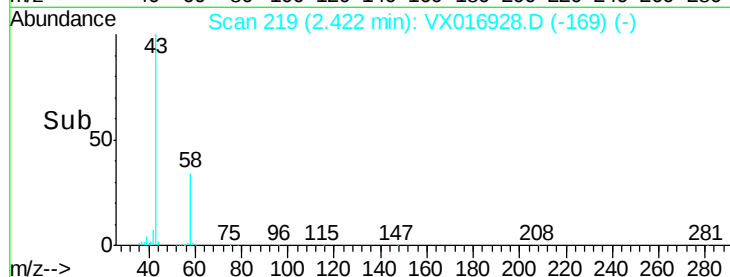
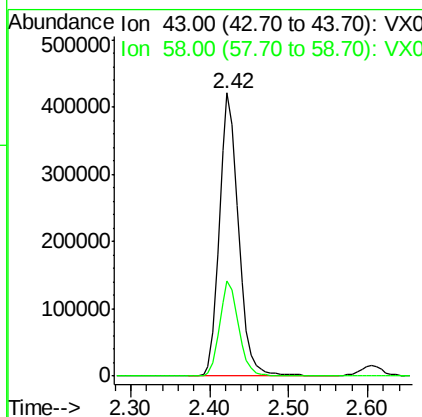
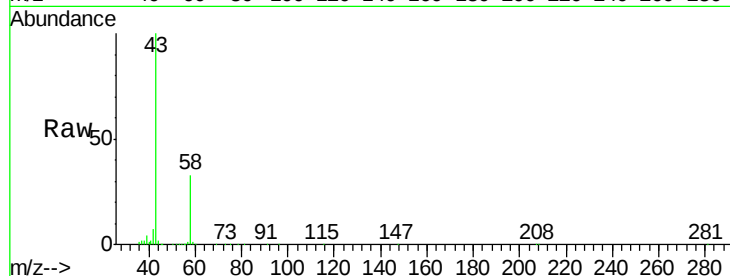
#16
Acetone
Concen: 502.591 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.01 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
218DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.6	39.8

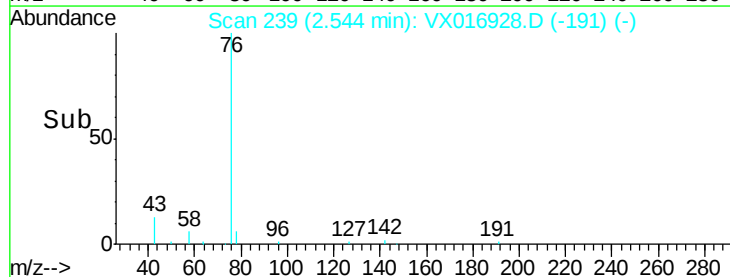
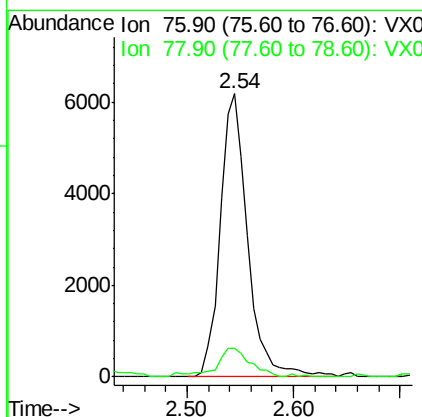
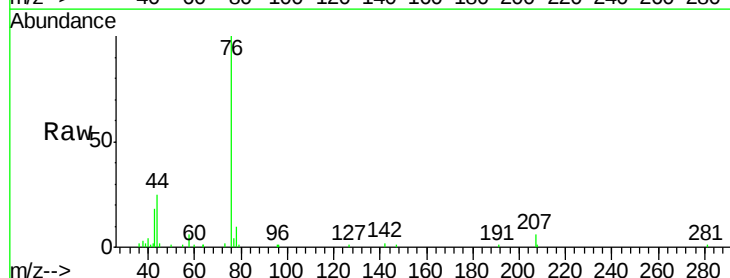
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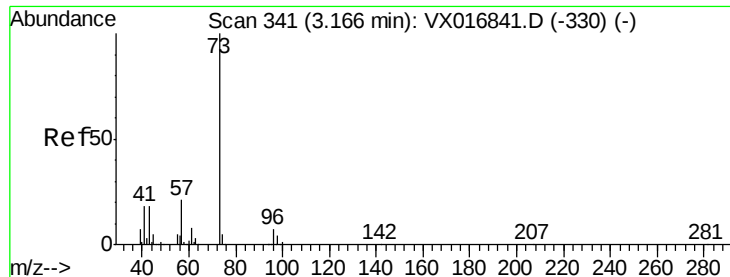
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#17
Carbon Disulfide
Concen: 1.236 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.5	11.3





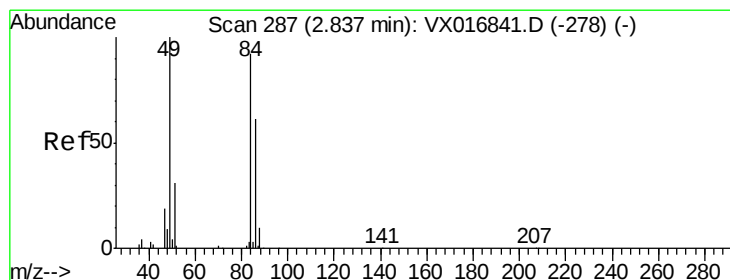
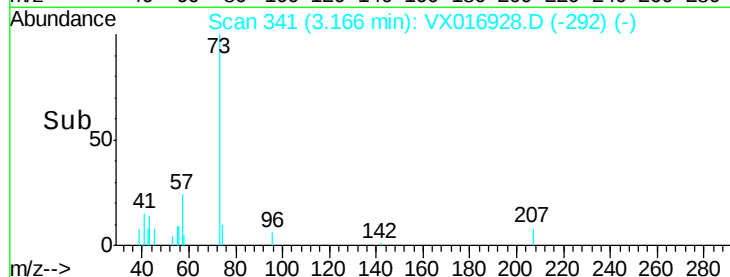
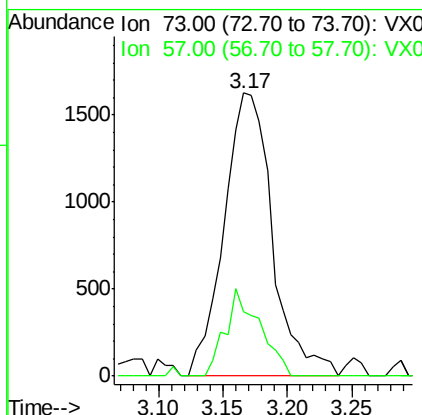
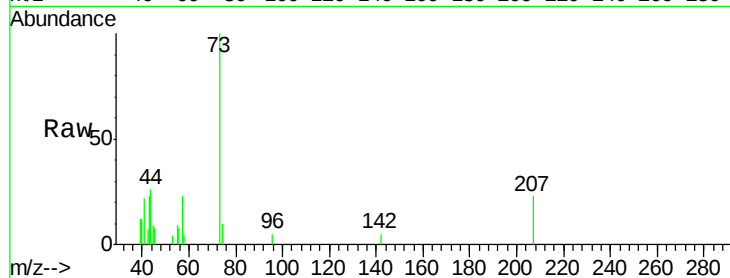
#19
Methvl tert-butvl Ether
Concen: 0.430 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
218DL

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.9	25.3

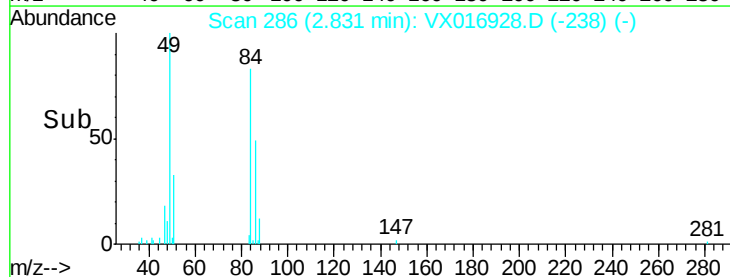
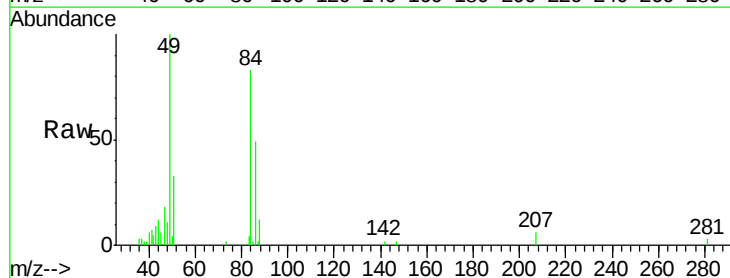
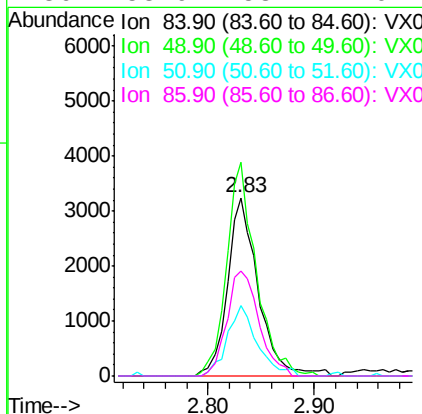
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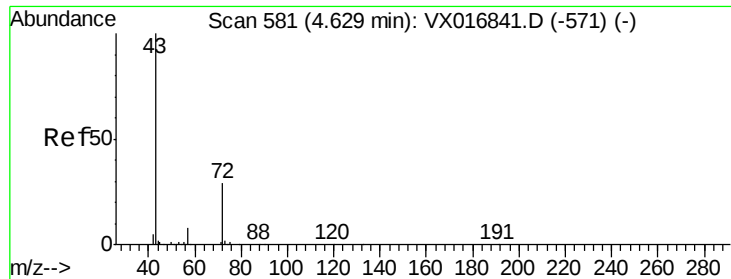
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#20
Methylene Chloride
Concen: 1.918 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	86.6	129.8
51	39.3	27.1	40.7
86	58.9	53.1	79.7





#25

2-Butanone

Concen: 19.630 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016928.D

Acq: 22 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampled :

218DL

Tot Ion: 43 Resp: 38238

Ion Ratio Lower Upper

43 100

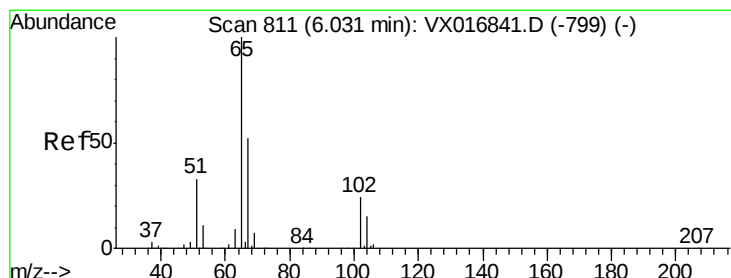
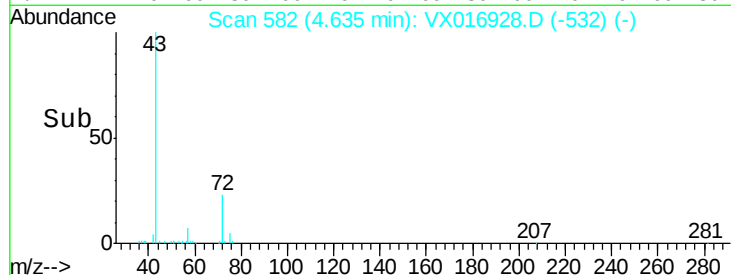
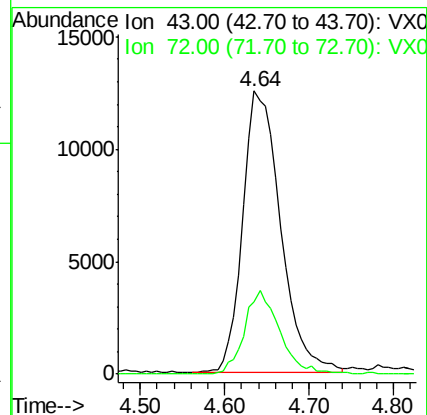
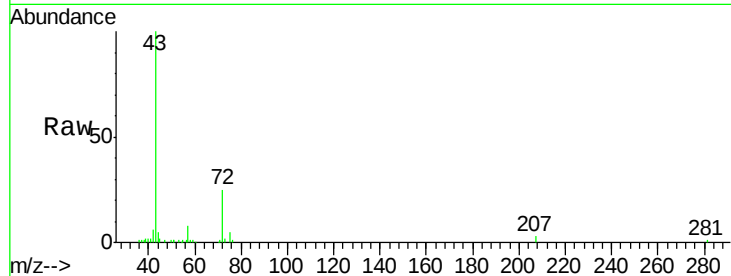
72 25.5 23.5 35.3

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#33

1,2-Dichloroethane-d4

Concen: 41.345 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016928.D

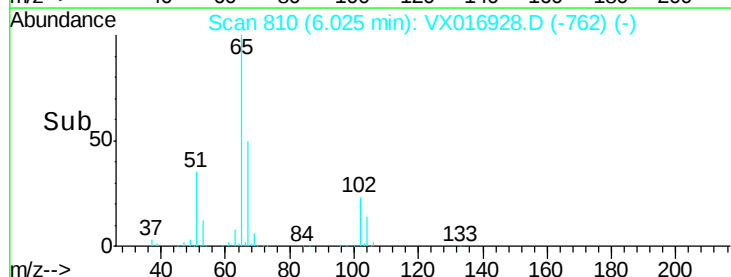
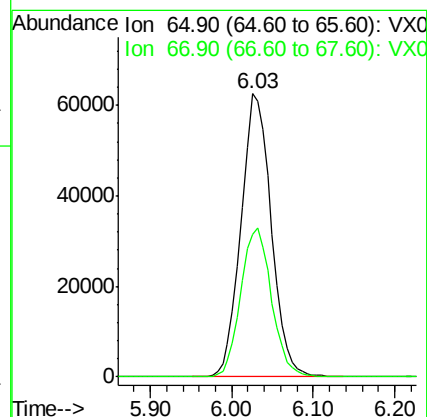
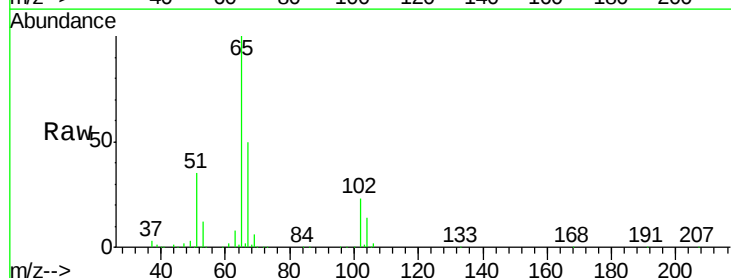
Acq: 22 Jun 2020 18:29

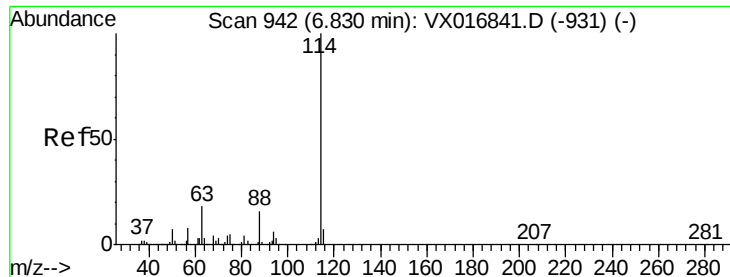
Tgt Ion: 65 Resp: 161200

Ion Ratio Lower Upper

65 100

67 53.5 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016928.D

Acq: 22 Jun 2020 18:29

Instrument :

MSVOA_X

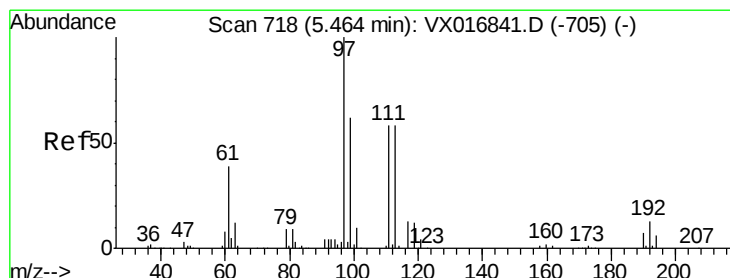
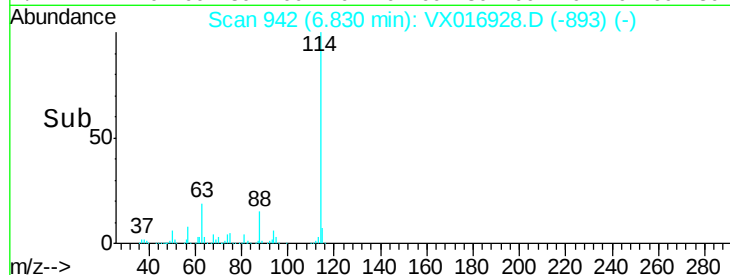
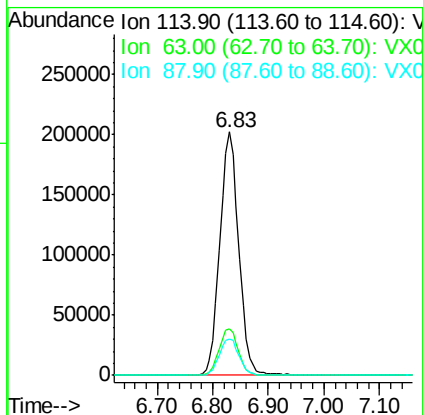
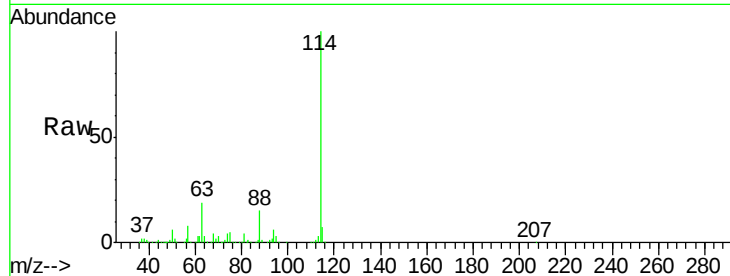
ClientSampled :

218DL

Tot Ion:	114	Resp:	476249
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	37.0
88	15.1	0.0	32.0

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#35

Dibromofluoromethane

Concen: 56.507 ug/l

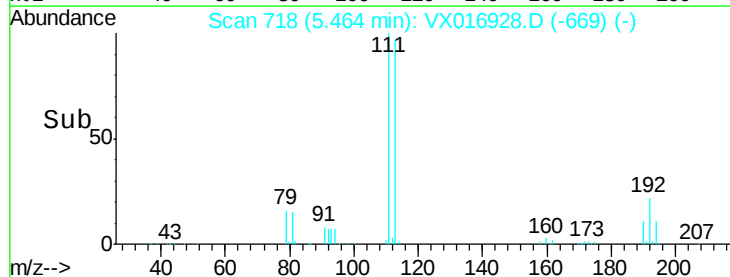
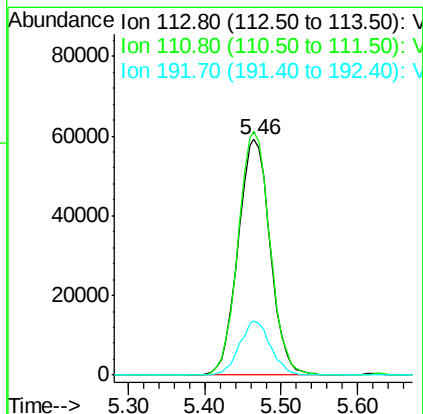
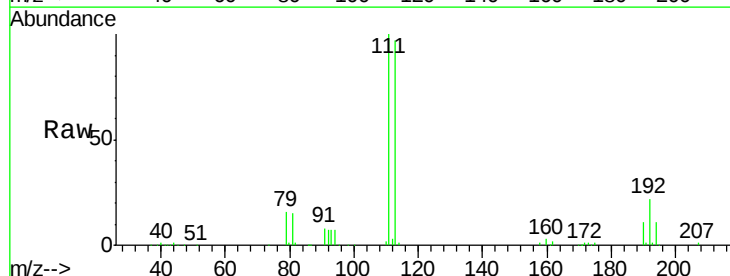
RT: 5.46 min Scan# 718

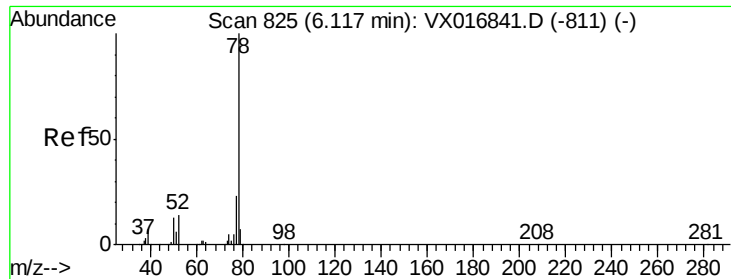
Delta R.T. -0.00 min

Lab File: VX016928.D

Acq: 22 Jun 2020 18:29

Tgt Ion:	113	Resp:	172152
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.0	121.4
192	22.3	18.5	27.7





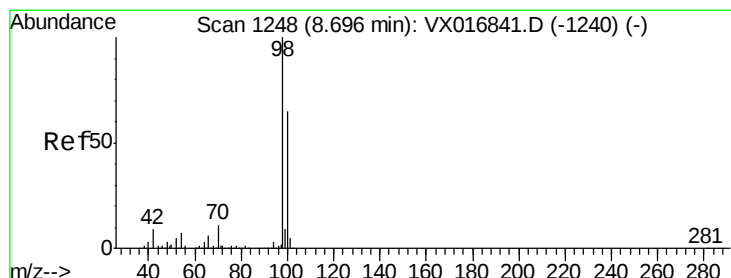
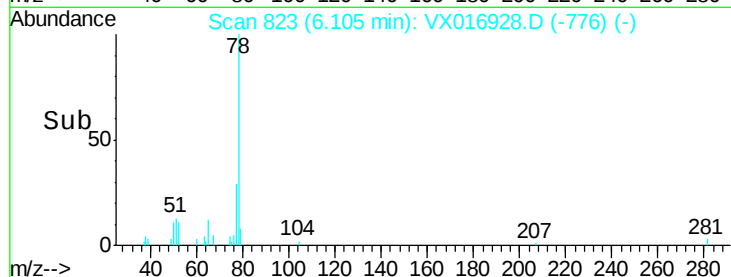
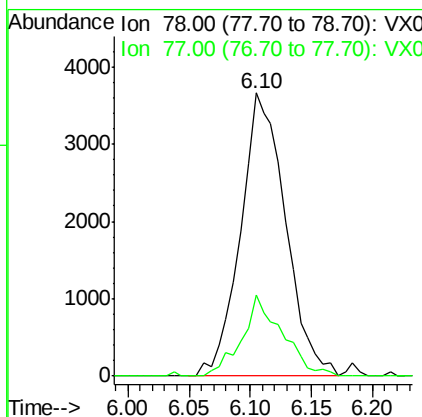
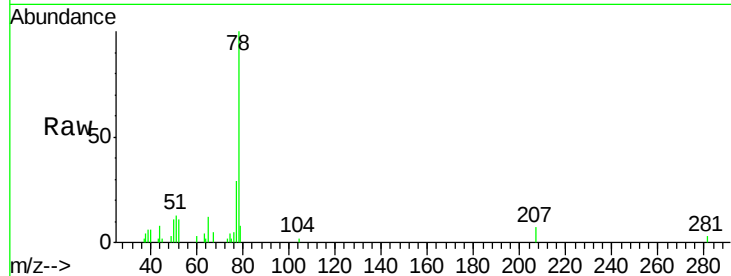
#40
Benzene
Concen: 0.708 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
218DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	28.7	18.6	27.8#

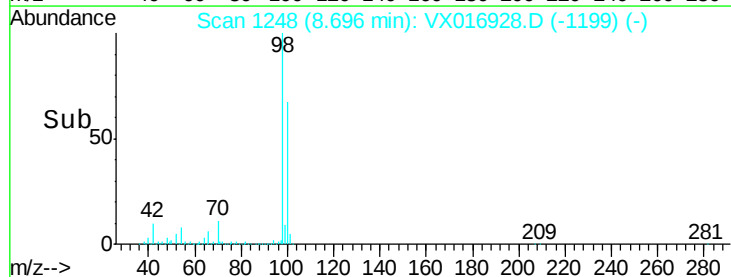
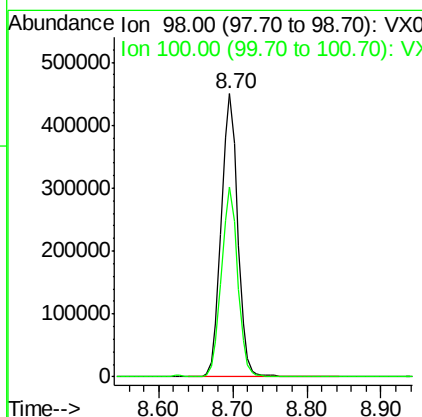
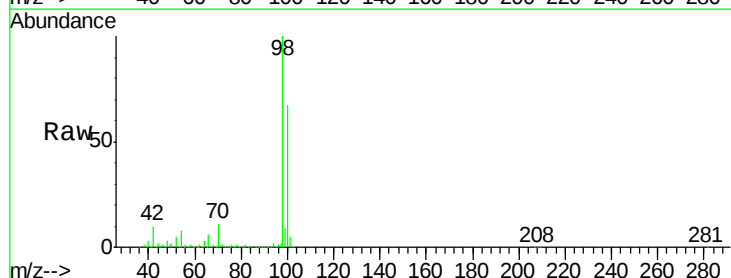
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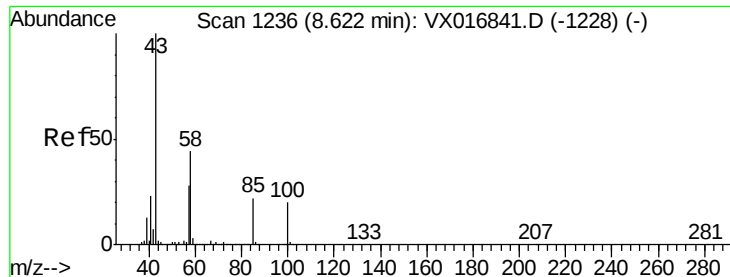
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#50
Toluene-d8
Concen: 56.966 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	54.0	81.0





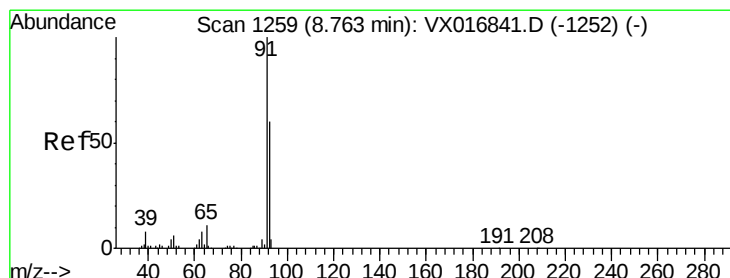
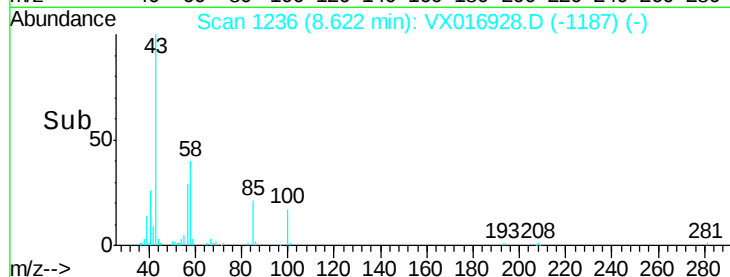
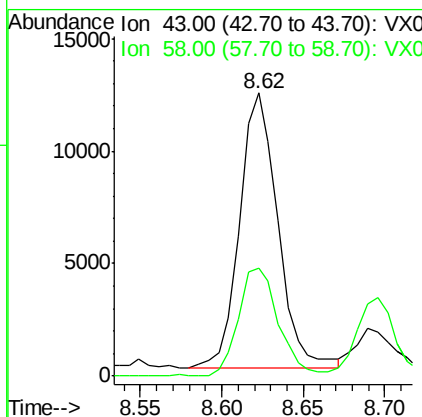
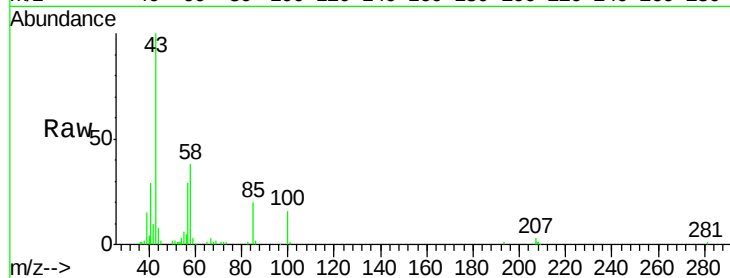
#51
4-Methyl-2-Pentanone
Concen: 4.888 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampleId :
218DL

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.0	34.3	51.5

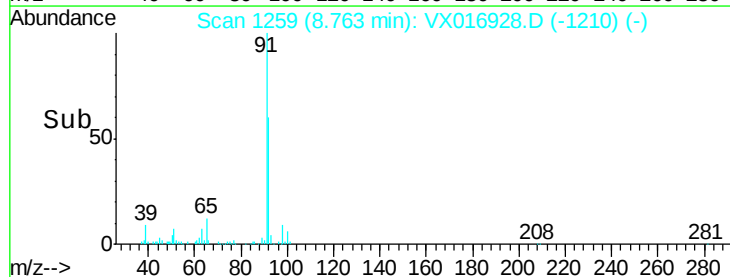
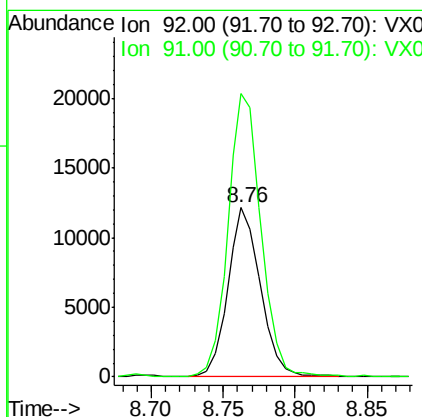
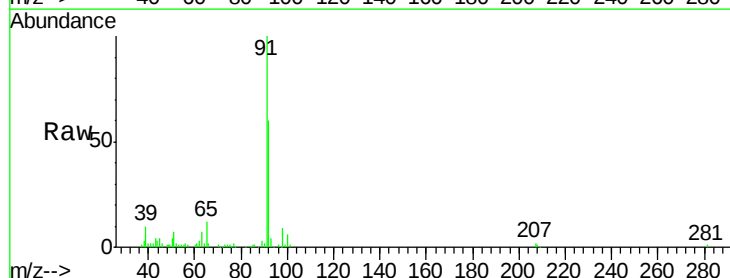
Manual Integrations
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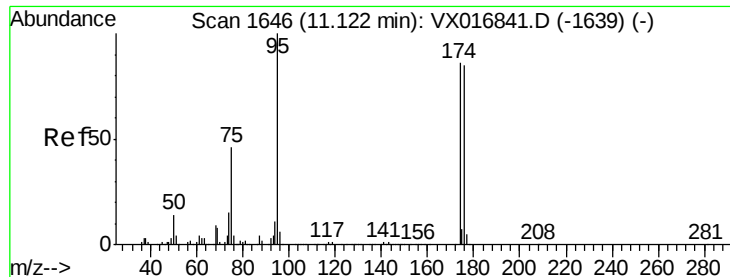
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#52
Toluene
Concen: 2.187 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.9	134.2	201.2





#62

4-Bromofluorobenzene

Concen: 63.431 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016928.D

Acq: 22 Jun 2020 18:29

Instrument :

MSVOA_X

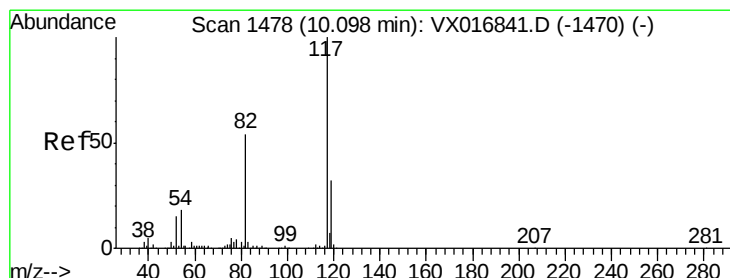
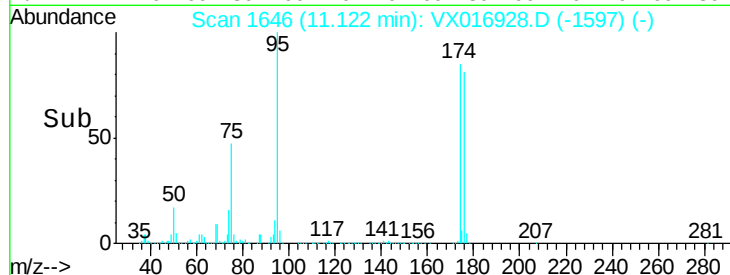
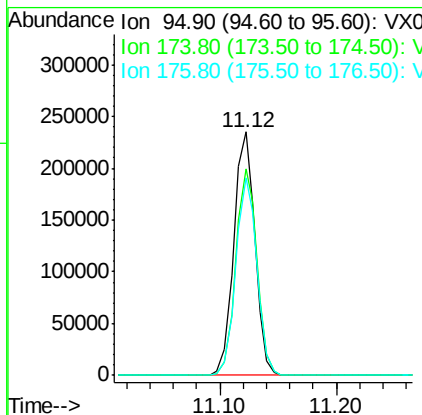
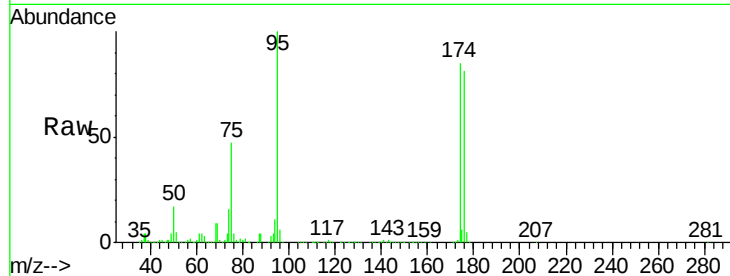
ClientSampleId :

218DL

Tot Ion:	95	Resp:	296228
Ion Ratio	Lower	Upper	
95	100		
174	85.1	0.0	174.2
176	81.4	0.0	170.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

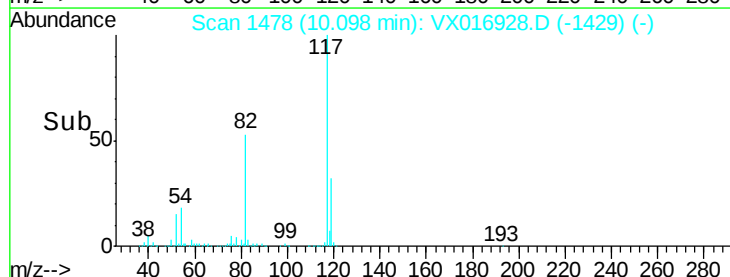
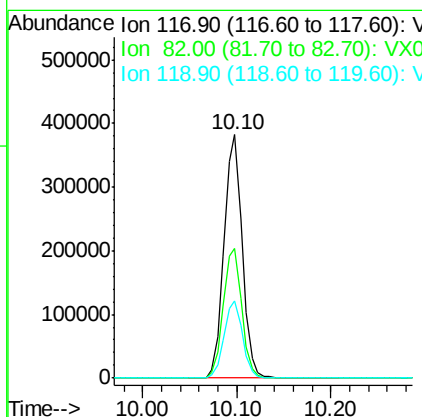
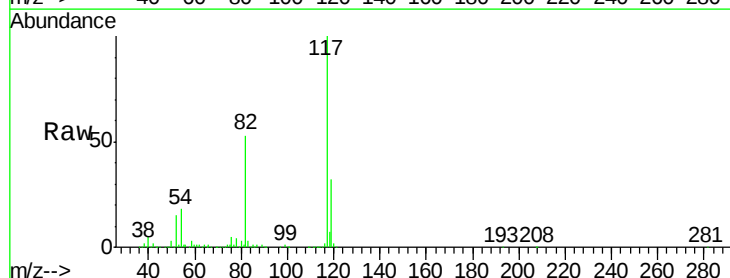
RT: 10.10 min Scan# 1478

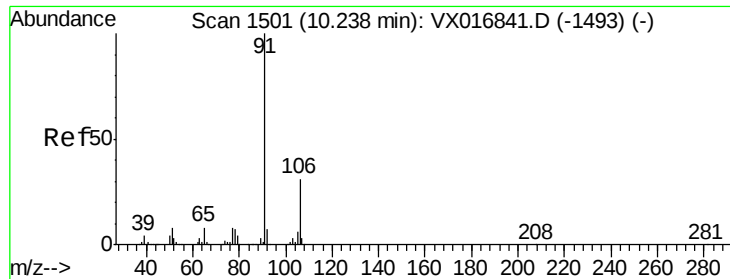
Delta R.T. -0.00 min

Lab File: VX016928.D

Acq: 22 Jun 2020 18:29

Tgt Ion:	117	Resp:	511731
Ion Ratio	Lower	Upper	
117	100		
82	53.3	43.4	65.0
119	31.7	25.7	38.5





#67

Ethyl Benzene

Concen: 0.377 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016928.D

Acq: 22 Jun 2020 18:29

Instrument :

MSVOA_X

ClientSampled :

218DL

Tot Ion: 91 Resp: 6583

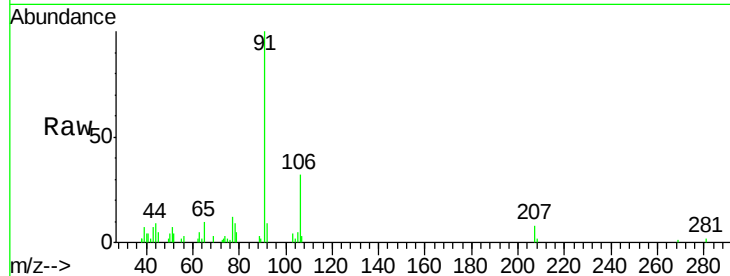
Ion Ratio Lower Upper

91 100

106 32.1 25.1 37.7

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Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1493) (-)

Ion 106.00 (105.70 to 106.70): VX016841.D (-1493) (-)

10.24

5000

4000

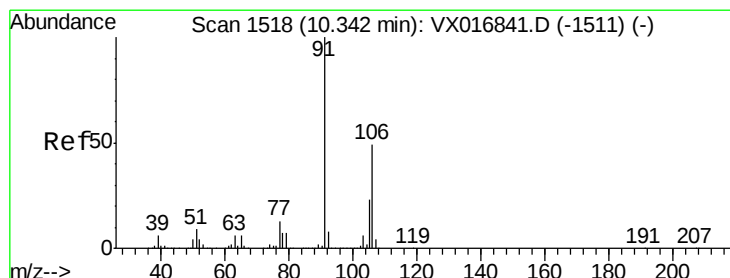
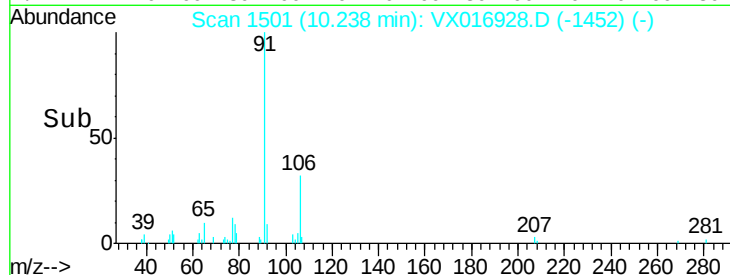
3000

2000

1000

0

Time-->



#68

m/p-Xylenes

Concen: 0.738 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016928.D

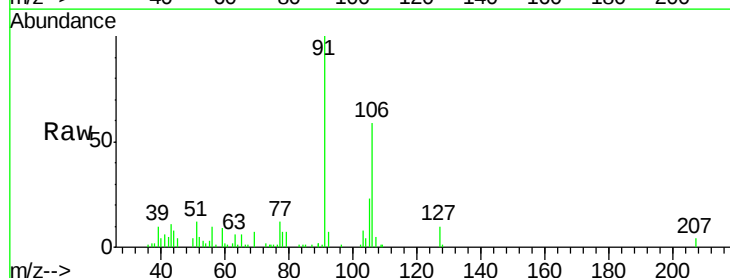
Acq: 22 Jun 2020 18:29

Tgt Ion: 106 Resp: 5023

Ion Ratio Lower Upper

106 100

91 192.3 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): VX016841.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016841.D (-1511) (-)

10.34

8000

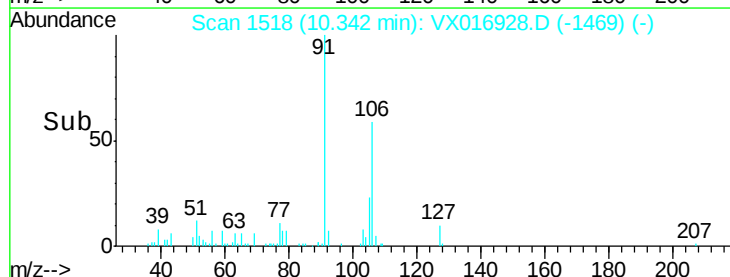
6000

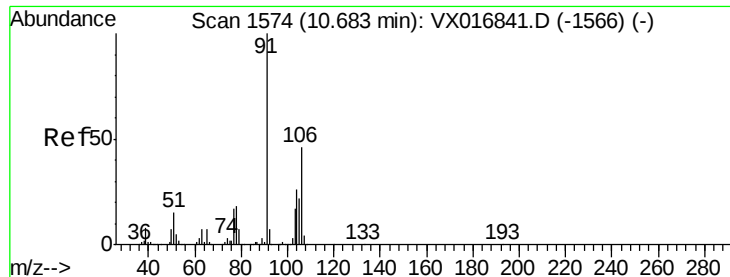
4000

2000

0

Time-->





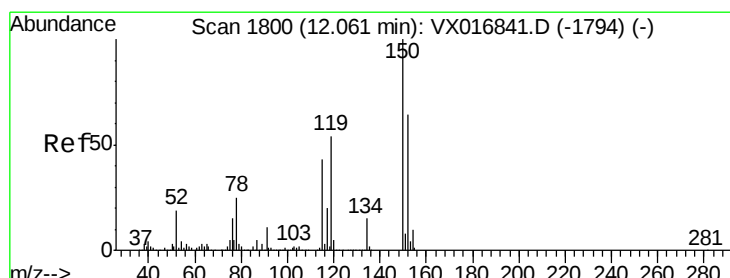
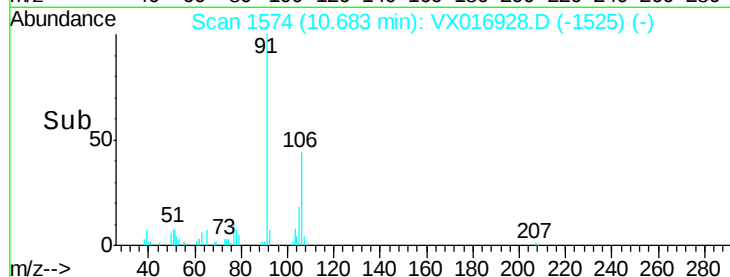
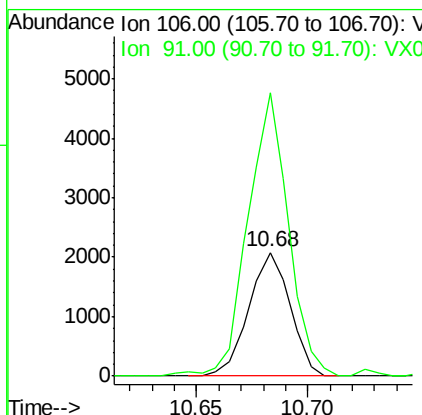
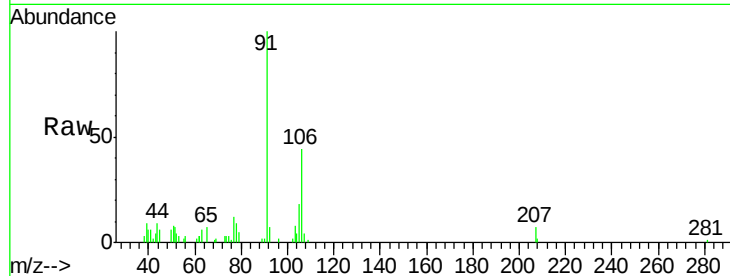
#69
o-Xylene
Concen: 0.428 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Instrument :
MSVOA_X
ClientSampled :
218DL

Tot Ion:106 Resp: 2694
Ion Ratio Lower Upper
106 100
91 223.9 107.9 323.7

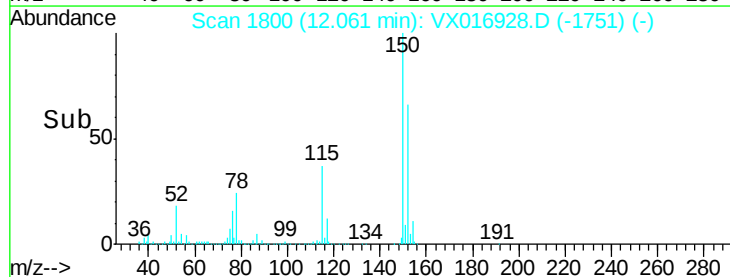
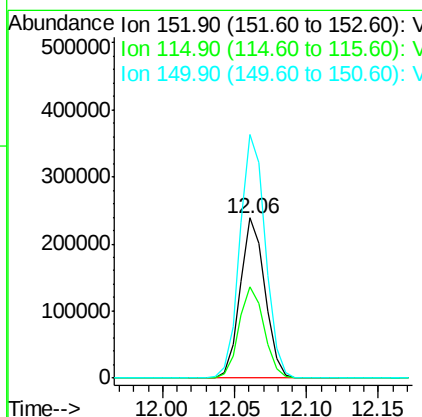
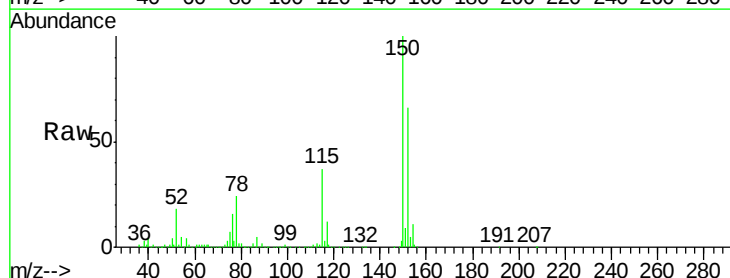
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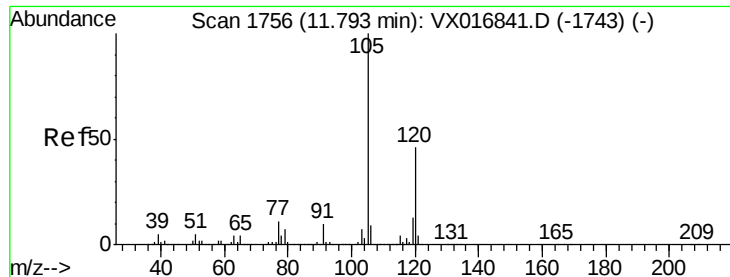
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016928.D
Acq: 22 Jun 2020 18:29

Tgt Ion:152 Resp: 285935
Ion Ratio Lower Upper
152 100
115 57.3 40.9 122.8
150 155.5 0.0 344.2





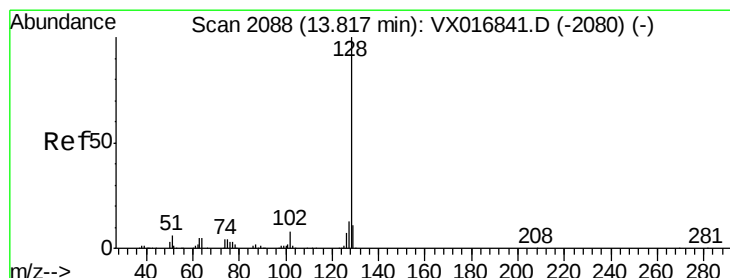
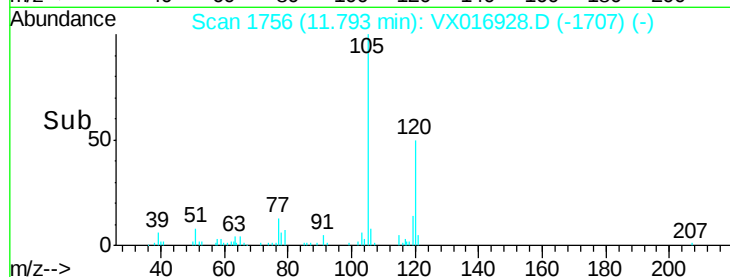
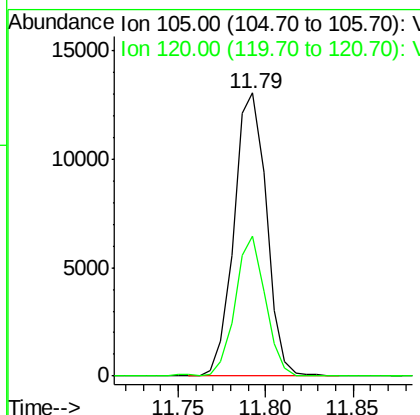
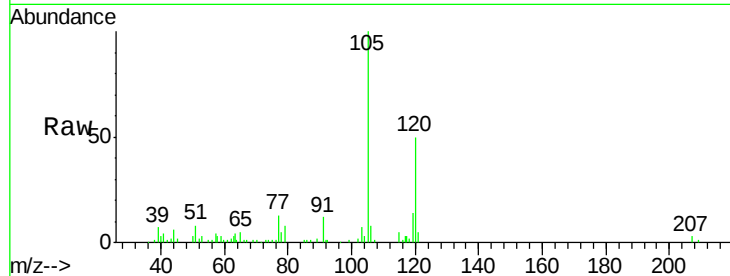
#84
 1,2,4-Trimethylbenzene
 Concen: 1.027 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016928.D
 Acq: 22 Jun 2020 18:29

Instrument :
 MSVOA_X
 ClientSampled :
 218DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.3	66.9

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#95
 Naphthalene
 Concen: 0.614 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX016928.D
 Acq: 22 Jun 2020 18:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.3	8.6	13.0

