

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112520\
 Data File : VX019656.D
 Acq On : 25 Nov 2020 15:08
 Operator : JC/MD
 Sample : L4840-05DL 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16858DL

Manual Integrations
 APPROVED

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 11/30/2020 9:53:57 AM

Quant Time: Nov 27 04:25:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	305736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504623	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	191824	48.39	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.78%		
35) Dibromofluoromethane	5.46	113	152319	48.09	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.18%		
50) Toluene-d8	8.70	98	613142	49.81	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.62%		
62) 4-Bromofluorobenzene	11.12	95	231300	52.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.46%		
Target Compounds						
16) Acetone	2.42	43	483246	315.229	ug/l	Qvalue 100
25) 2-Butanone	4.65	43	3998	1.736	ug/l	91
95) Naphthalene	13.82	128	1703m	2.280	ug/l	

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

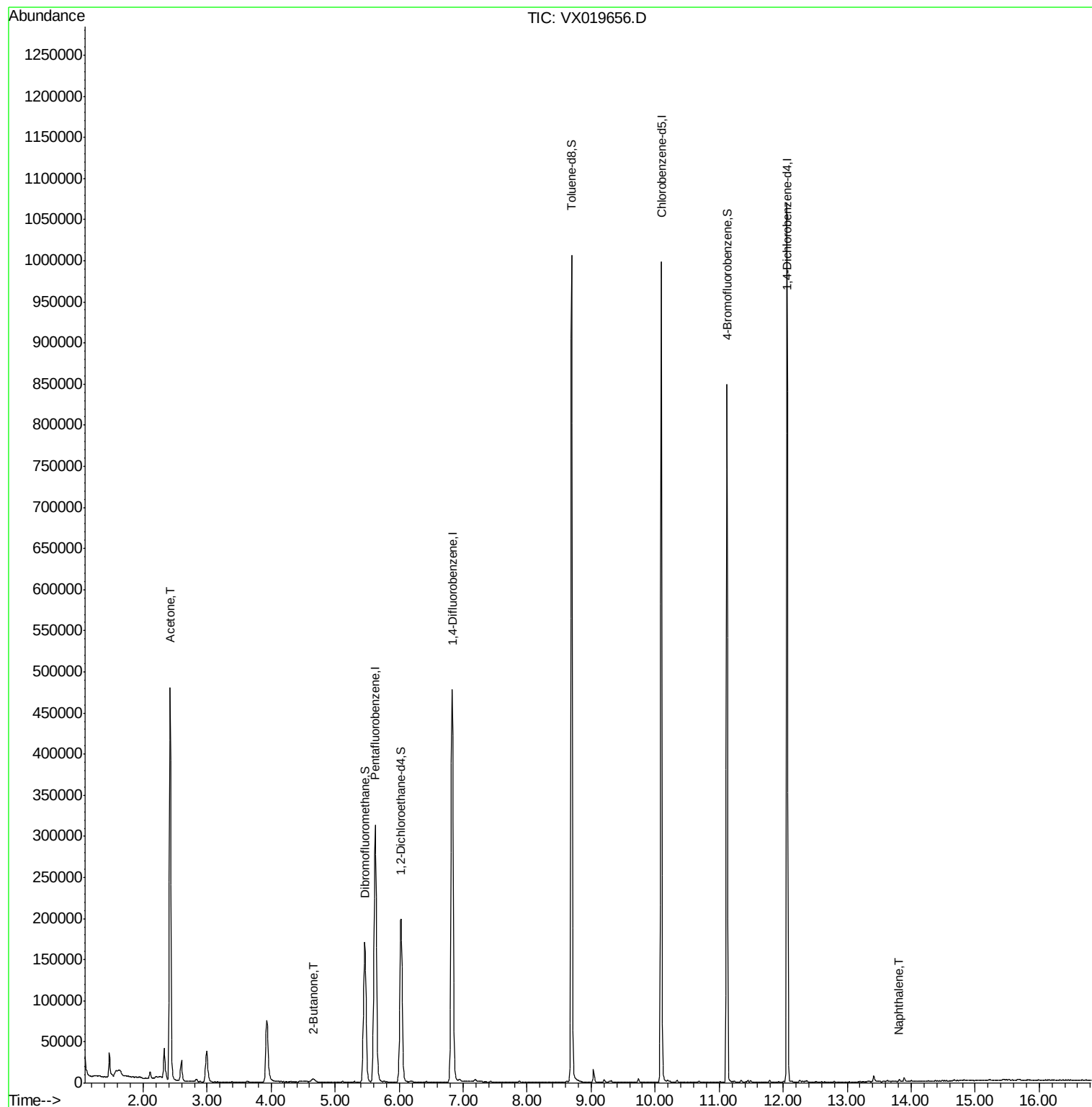
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112520\
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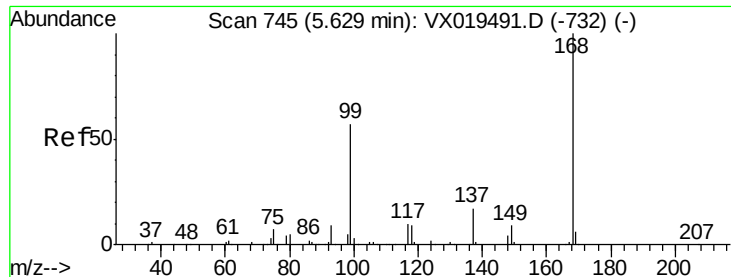
Instrument :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019656.D

Acq: 25 Nov 2020 15:08

Instrument :

MSVOA_X

ClientSampleId :

16858DL

Tot Ion:168 Resp: 305736

Ion Ratio Lower Upper

168 100

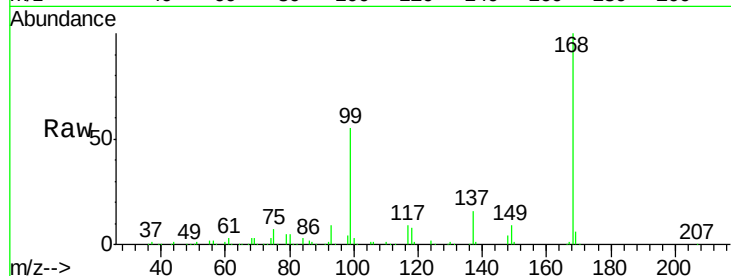
99 54.7 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

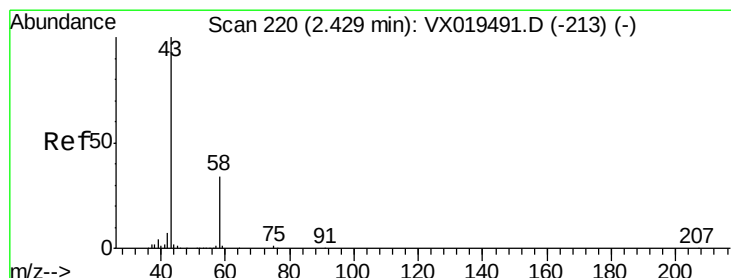
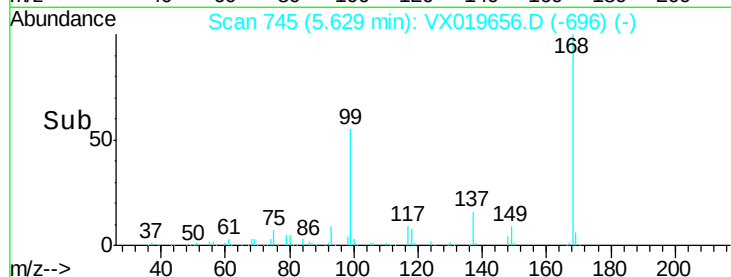
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 315.229 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019656.D

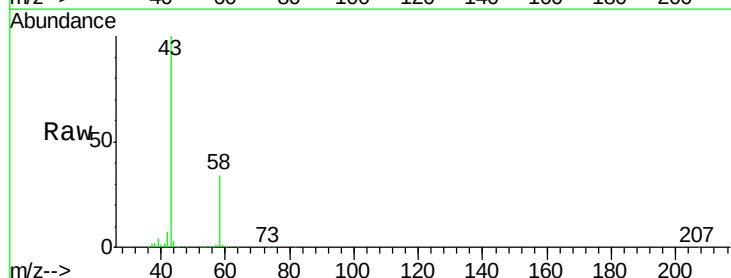
Acq: 25 Nov 2020 15:08

Tgt Ion: 43 Resp: 483246

Ion Ratio Lower Upper

43 100

58 34.4 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

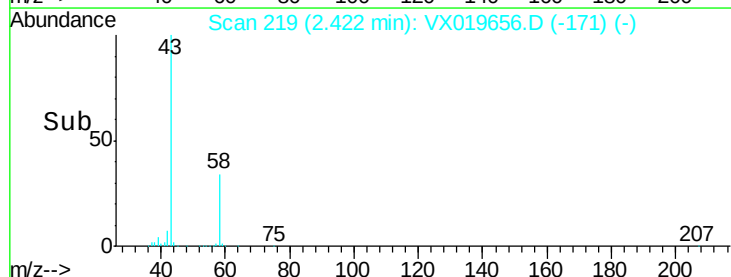
300000

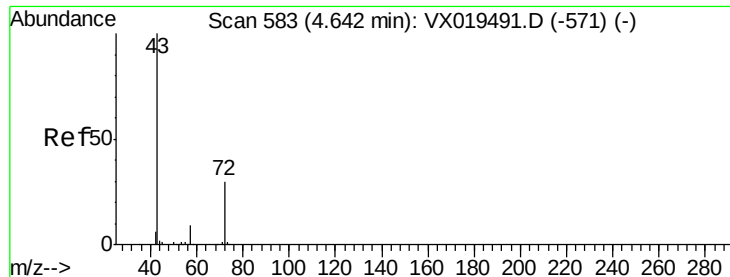
200000

100000

0

Time-->





#25

2-Butanone

Concen: 1.736 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019656.D

Acq: 25 Nov 2020 15:08

Instrument :

MSVOA_X

ClientSampled :

16858DL

Tot Ion: 43 Resp: 3998

Ion Ratio Lower Upper

43 100

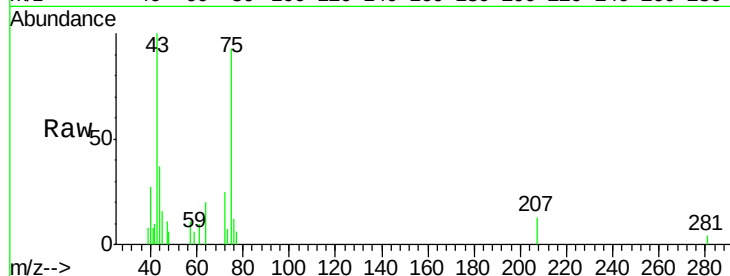
72 25.4 24.0 36.0

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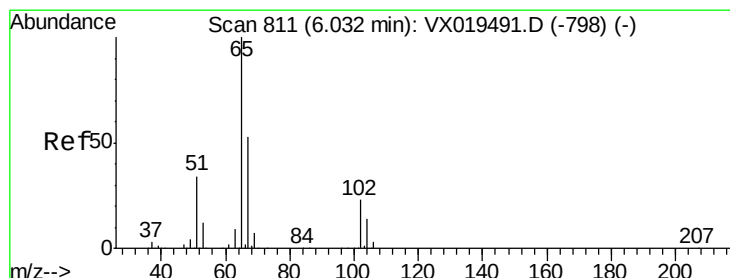
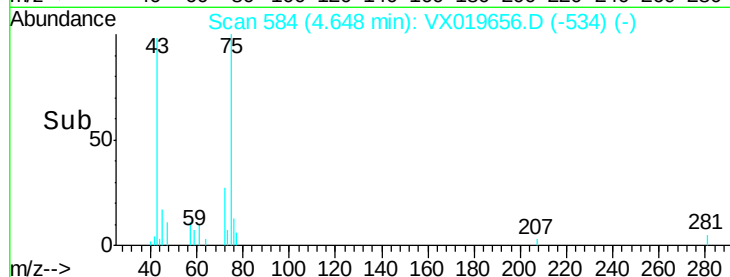
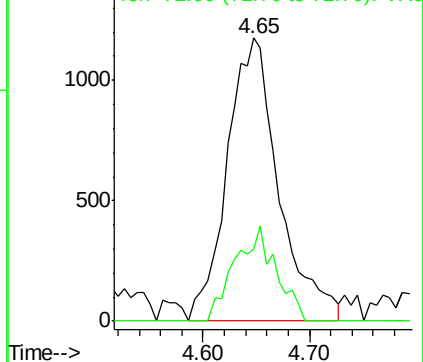
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.390 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019656.D

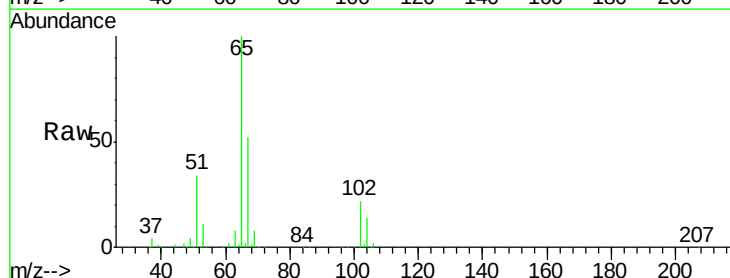
Acq: 25 Nov 2020 15:08

Tgt Ion: 65 Resp: 191824

Ion Ratio Lower Upper

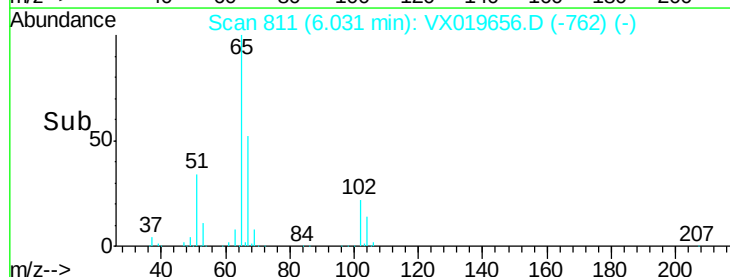
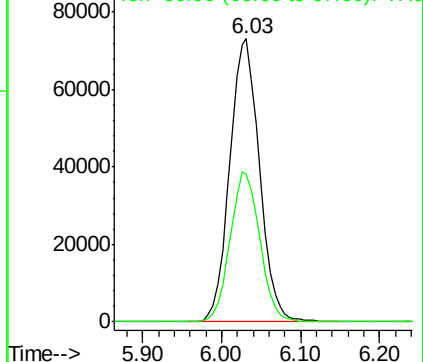
65 100

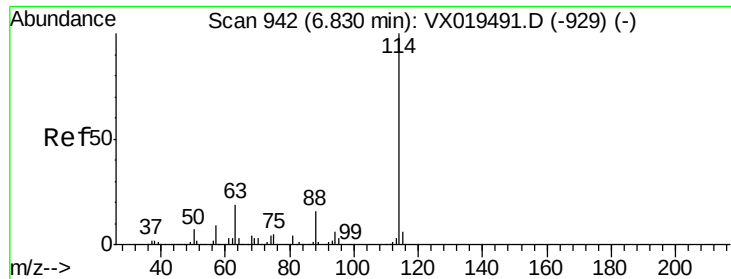
67 52.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019656.D

Acq: 25 Nov 2020 15:08

Instrument :

MSVOA_X

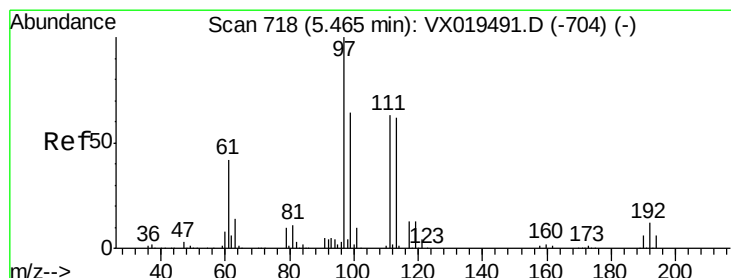
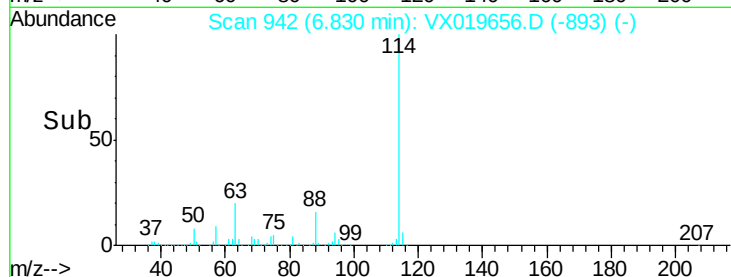
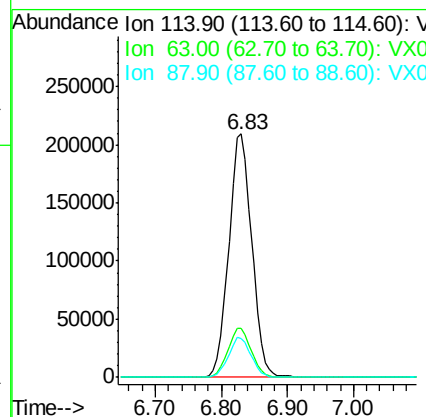
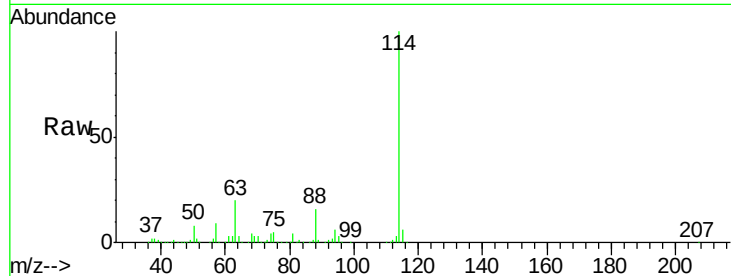
ClientSampleId :

16858DL

Tot Ion:	114	Resp:	504623
Ion Ratio		Lower	Upper
114	100		
63	20.2	0.0	38.8
88	16.2	0.0	31.6

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#35

Dibromofluoromethane

Concen: 48.088 ug/l

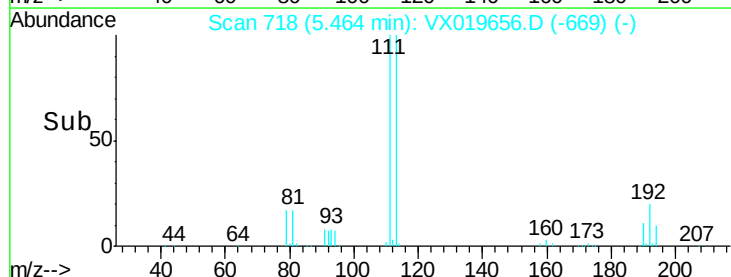
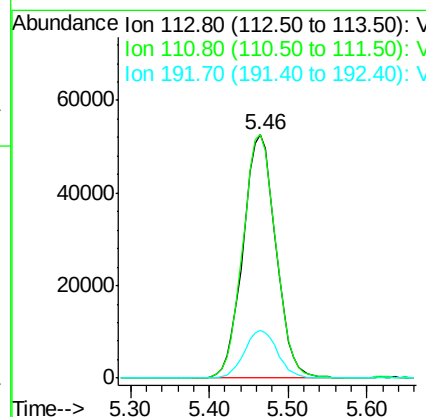
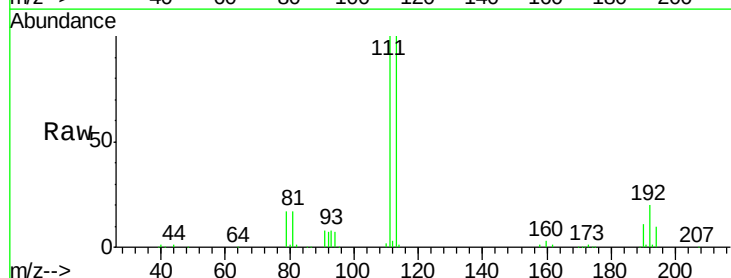
RT: 5.46 min Scan# 718

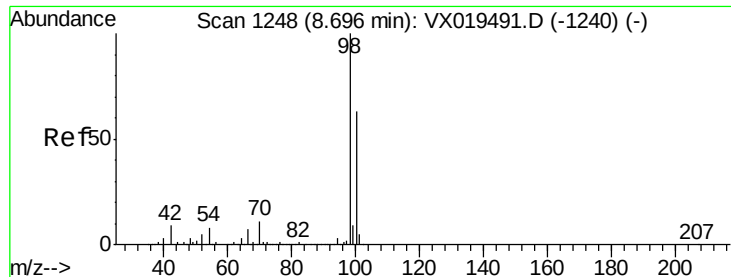
Delta R.T. -0.00 min

Lab File: VX019656.D

Acq: 25 Nov 2020 15:08

Tgt Ion:	113	Resp:	152319
Ion Ratio		Lower	Upper
113	100		
111	100.7	81.5	122.3
192	19.8	16.2	24.2





#50

Toluene-d8

Concen: 49.814 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019656.D

Acq: 25 Nov 2020 15:08

Instrument :

MSVOA_X

ClientSampleId :

16858DL

Tot Ion: 98 Resp: 613142

Ion Ratio Lower Upper

98 100

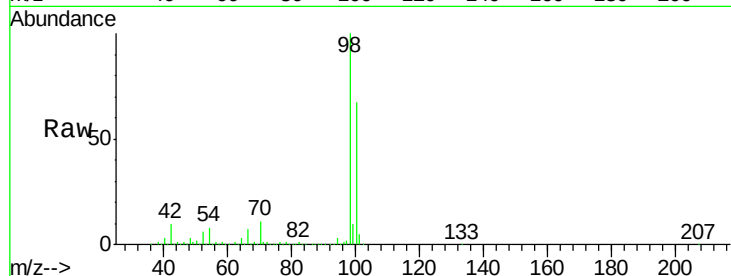
100 66.5 52.4 78.6

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

400000

300000

200000

100000

0

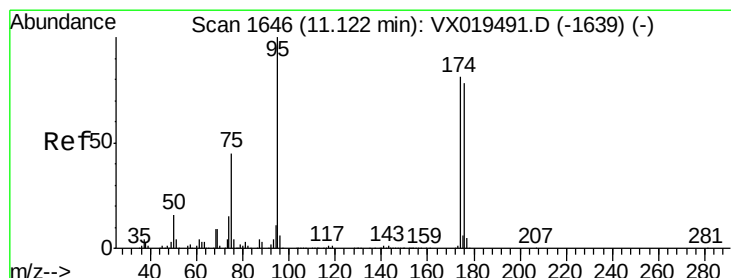
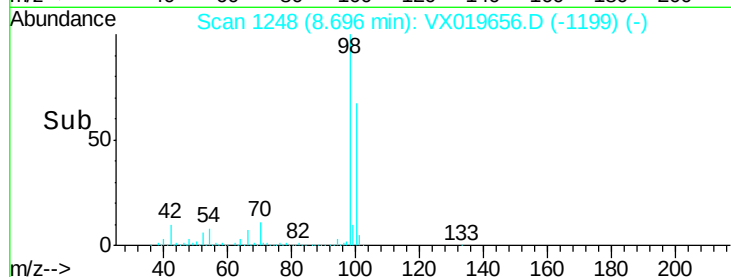
8.60

8.70

8.80

8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 52.230 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019656.D

Acq: 25 Nov 2020 15:08

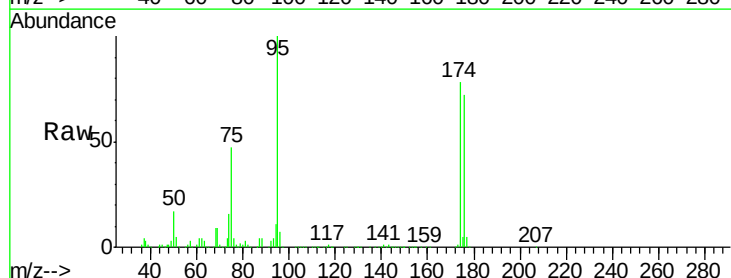
Tgt Ion: 95 Resp: 231300

Ion Ratio Lower Upper

95 100

174 75.9 0.0 156.2

176 72.8 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

150000

100000

50000

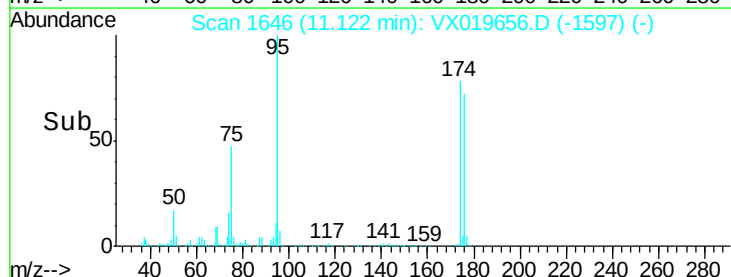
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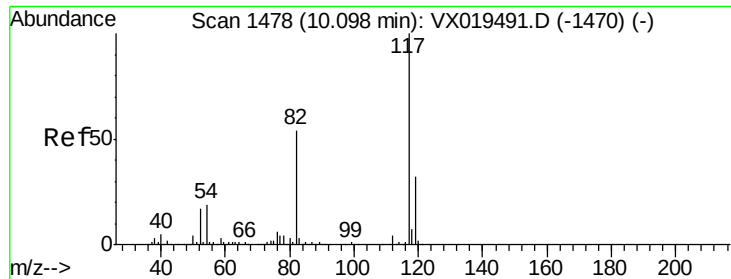
11.10

11.12

11.20

Time-->





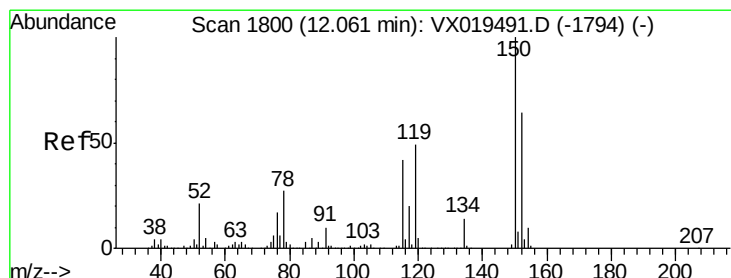
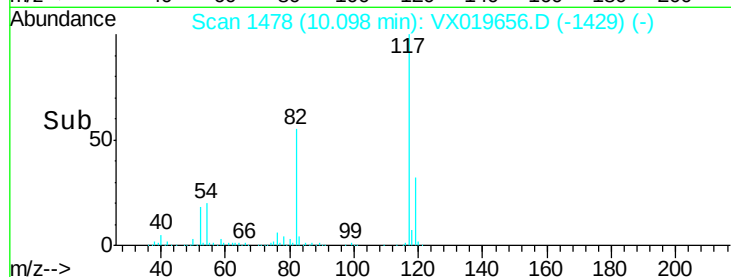
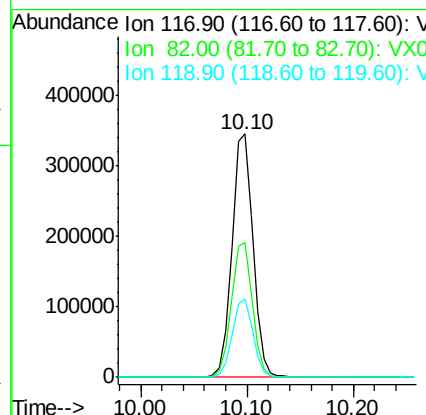
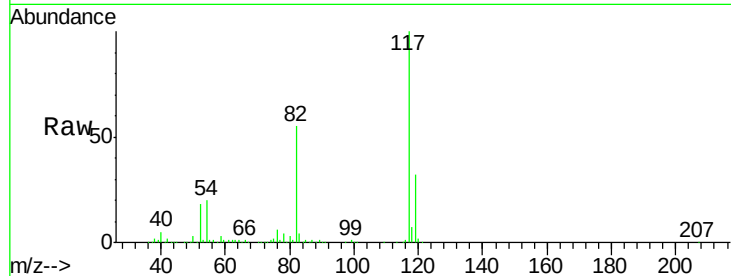
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019656.D
Acq: 25 Nov 2020 15:08

Instrument :
MSVOA_X
ClientSampleID :
16858DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	479160		
82	55.3	43.0	64.4	
119	32.3	25.6	38.4	

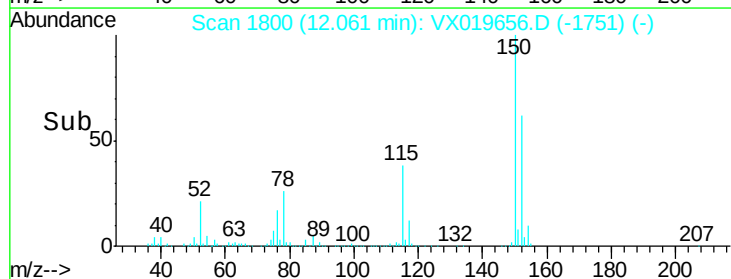
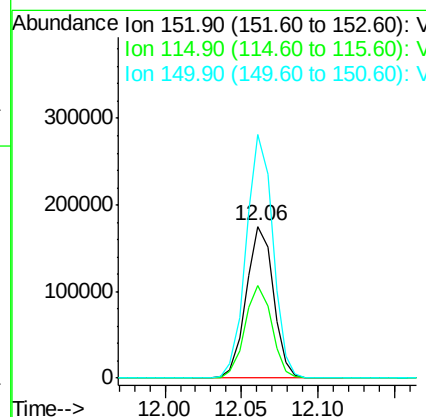
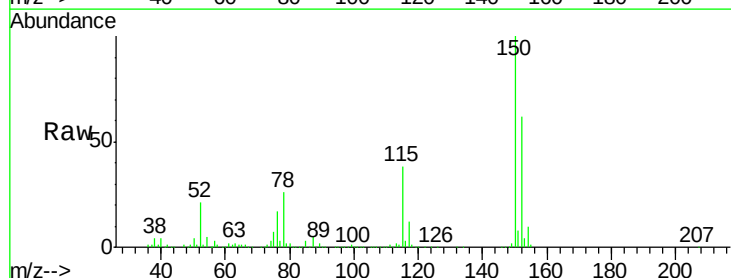
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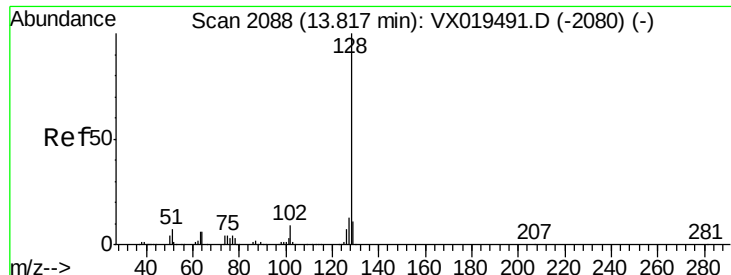
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019656.D
Acq: 25 Nov 2020 15:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	216174		
115	60.8	41.8	125.4	
150	158.3	0.0	348.2	





#95
Naphthalene
Concen: 2.280 ug/l m
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019656.D
Acq: 25 Nov 2020 15:08

Instrument :
MSVOA_X
ClientSampleId :
16858DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#

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