

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082820\
 Data File : VX018115.D
 Acq On : 28 Aug 2020 13:12
 Operator : JC/SP
 Sample : L3507-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SU-03-082720

Quant Time: Aug 29 03:39:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	626411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1058113	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1017964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	467638	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	443443	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
35) Dibromofluoromethane	5.47	113	353597	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
50) Toluene-d8	8.70	98	1317997	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.12	95	498471	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	

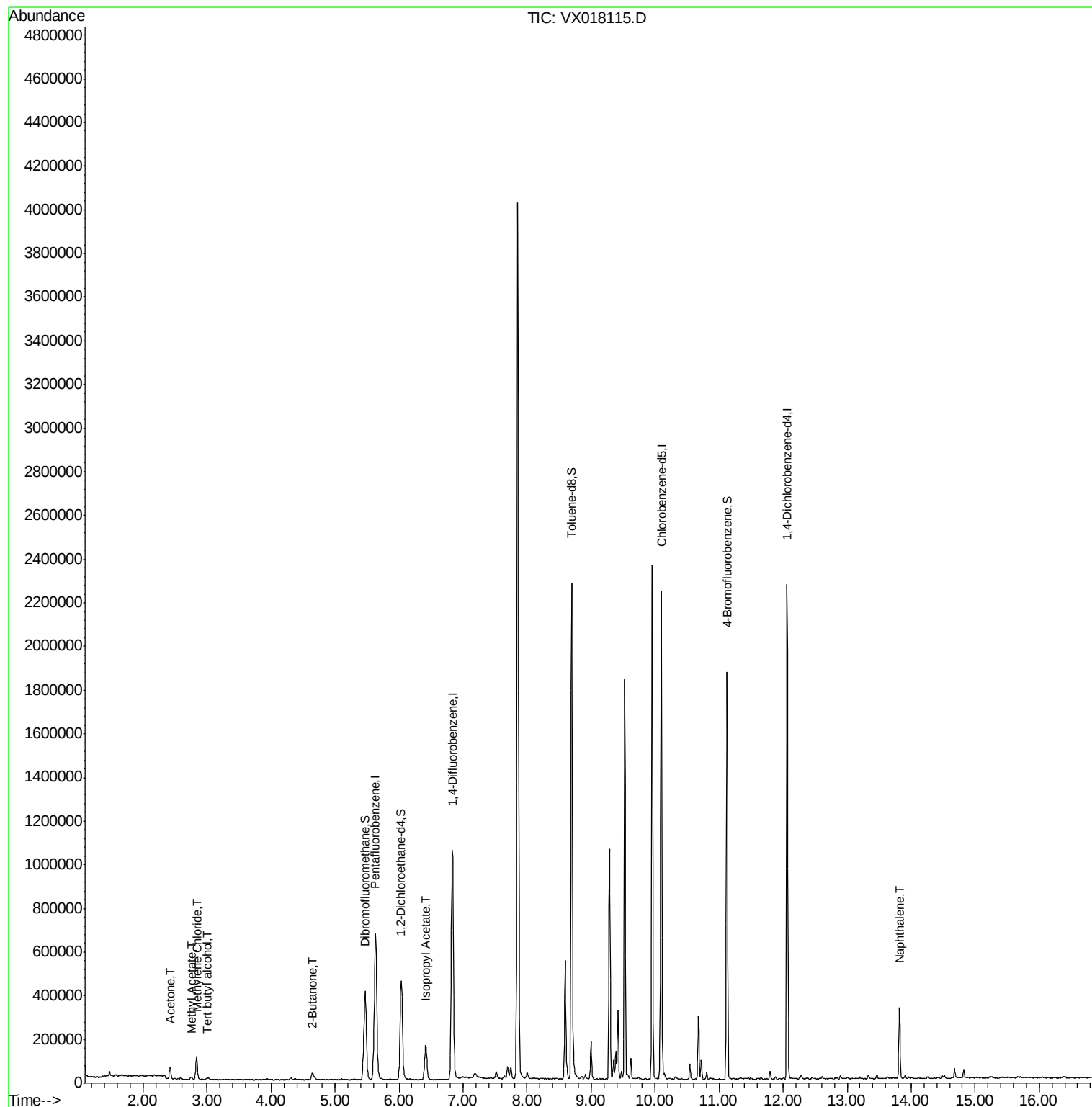
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	11792	6.974	ug/l #	93
16) Acetone	2.42	43	56993	16.819	ug/l	95
18) Methyl Acetate	2.75	43	13698	1.675	ug/l	92
20) Methylene Chloride	2.84	84	48632	5.991	ug/l	98
25) 2-Butanone	4.64	43	44535	7.997	ug/l	99
43) Isopropyl Acetate	6.42	43	220313	12.034	ug/l	99
95) Naphthalene	13.82	128	195821	6.332	ug/l	98

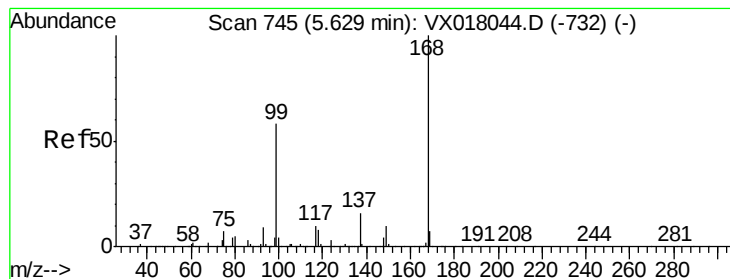
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018115.D

Acq: 28 Aug 2020 13:12

Instrument :

MSVOA_X

ClientSampled :

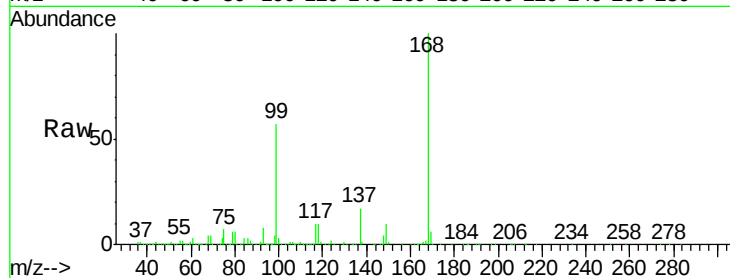
SU-03-082720

Tot Ion:168 Resp: 626411

Ion Ratio Lower Upper

168 100

99 57.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

250000

200000

150000

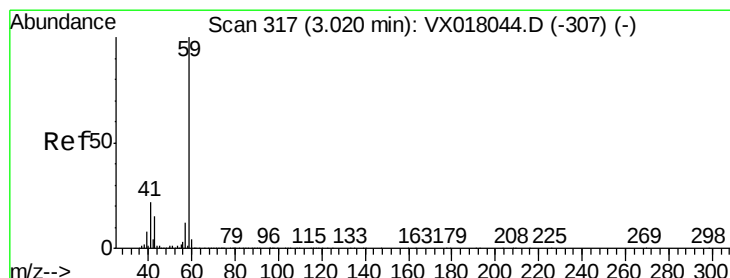
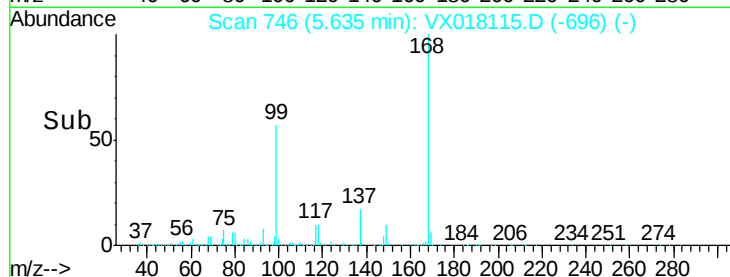
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 6.974 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX018115.D

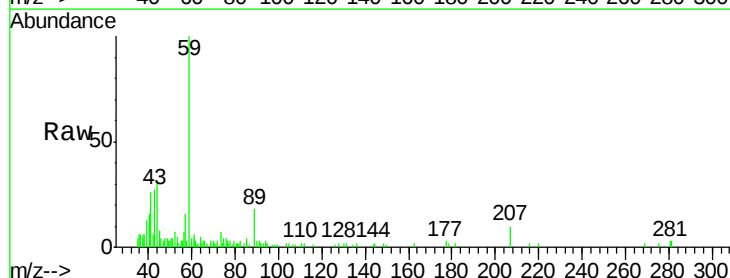
Acq: 28 Aug 2020 13:12

Tgt Ion: 59 Resp: 11792

Ion Ratio Lower Upper

59 100

57 8.3 8.9 13.3#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

5000

4000

3000

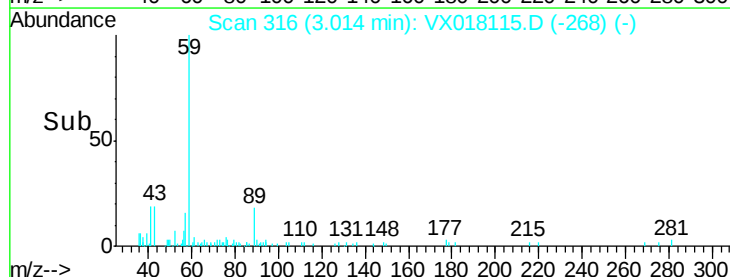
2000

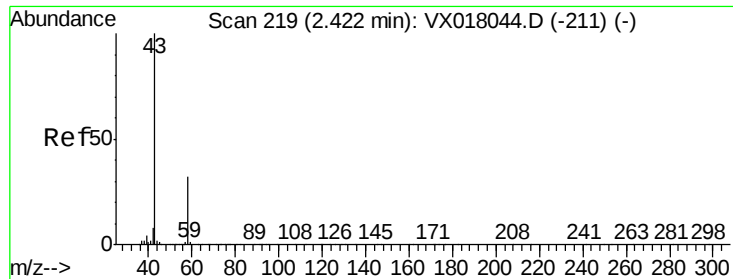
1000

0

Time-->

2.90 3.00 3.10

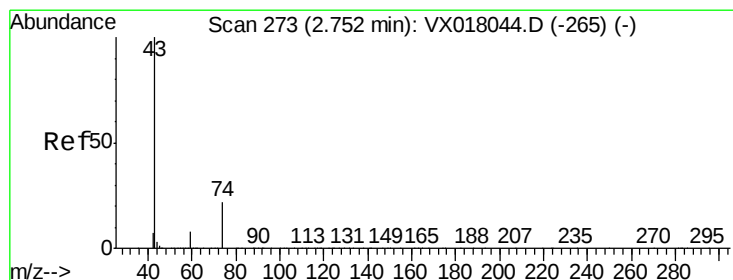
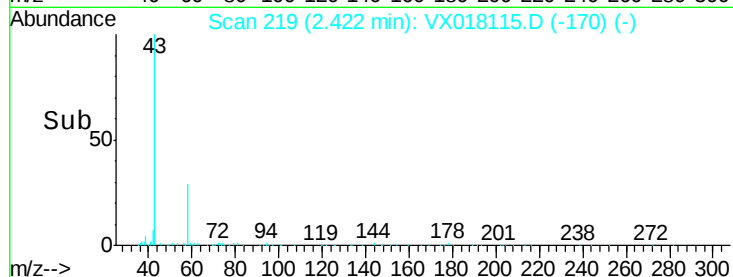
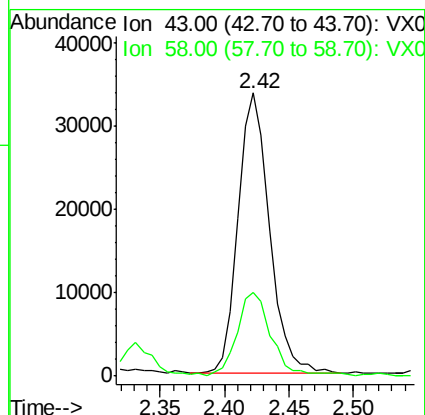
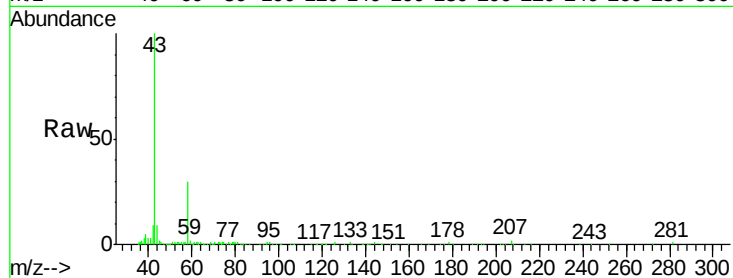




#16
Acetone
Concen: 16.819 ug/l
RT: 2.42 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX018115.D
Acq: 28 Aug 2020 13:12

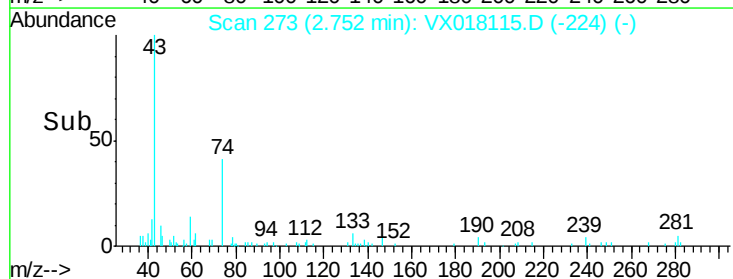
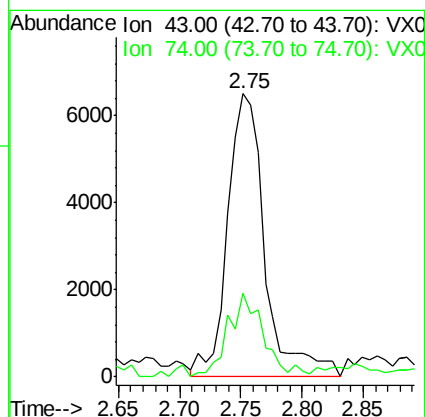
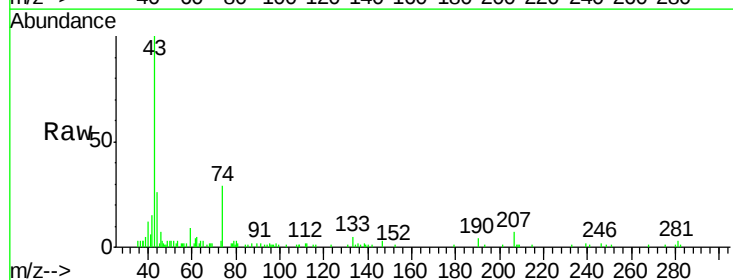
Instrument :
MSVOA_X
ClientSampleId :
SU-03-082720

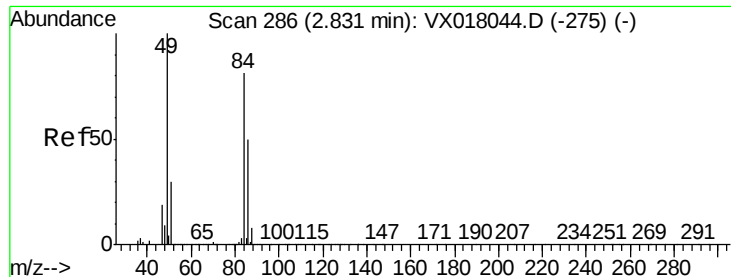
Tot Ion: 43 Resp: 56993
Ion Ratio Lower Upper
43 100
58 29.0 25.5 38.3



#18
Methyl Acetate
Concen: 1.675 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018115.D
Acq: 28 Aug 2020 13:12

Tgt Ion: 43 Resp: 13698
Ion Ratio Lower Upper
43 100
74 26.8 18.2 27.4

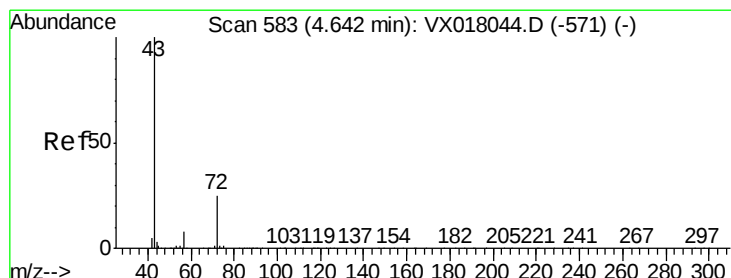
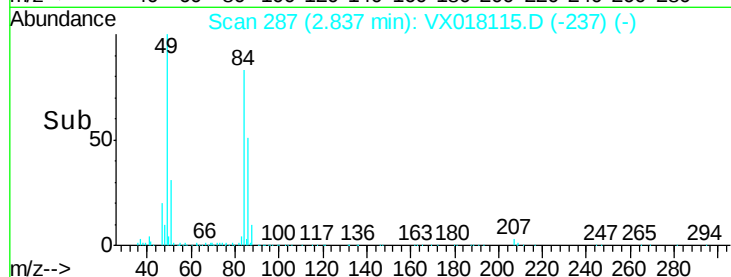
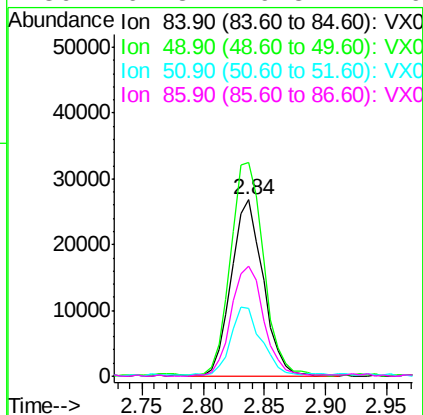
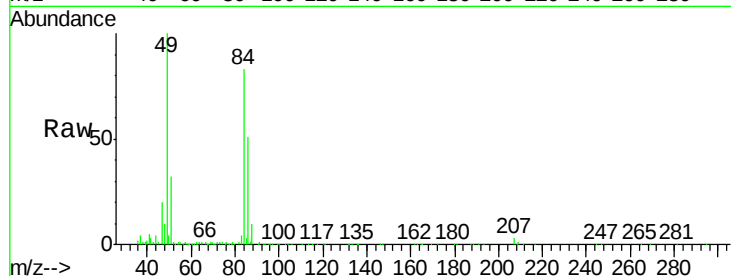




#20
Methvlene Chloride
Concen: 5.991 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018115.D
Acq: 28 Aug 2020 13:12

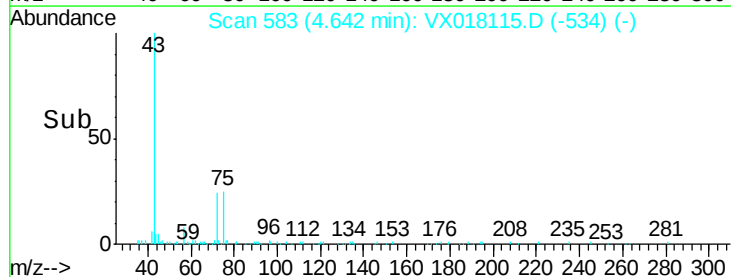
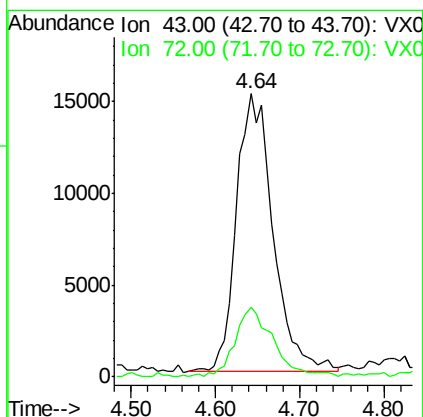
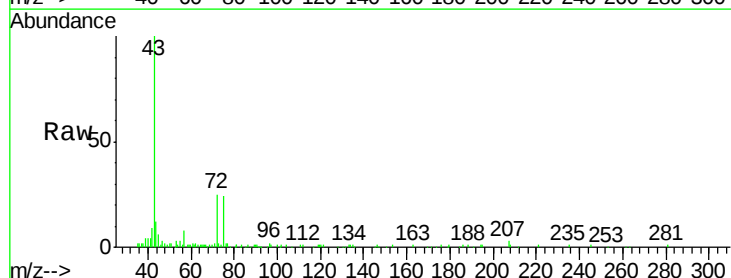
Instrument :
MSVOA_X
ClientSampleId :
SU-03-082720

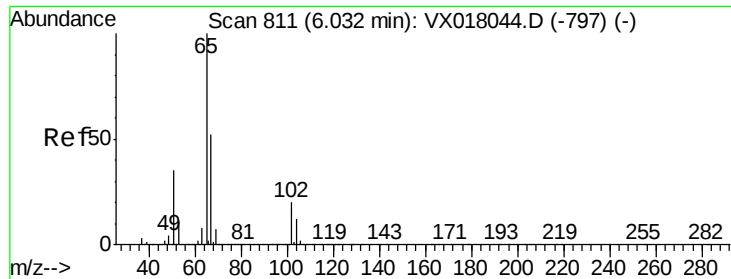
Tot Ion:	84	Resp:	48632
Ion	Ratio	Lower	Upper
84	100		
49	120.3	98.6	148.0
51	37.7	29.6	44.4
86	62.3	49.8	74.6



#25
2-Butanone
Concen: 7.997 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX018115.D
Acq: 28 Aug 2020 13:12

Tgt Ion:	43	Resp:	44535
Ion	Ratio	Lower	Upper
43	100		
72	25.4	19.8	29.6





#33

1,2-Dichloroethane-d4

Concen: 50.993 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018115.D

Acq: 28 Aug 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

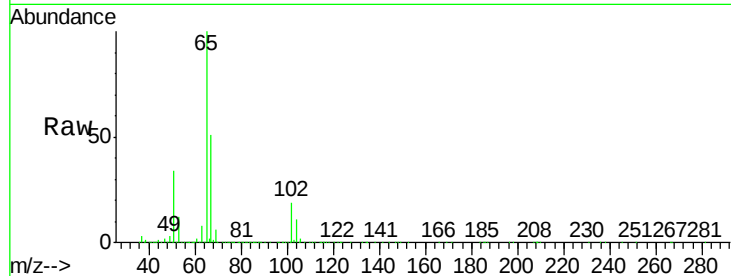
SU-03-082720

Tot Ion: 65 Resp: 443443

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

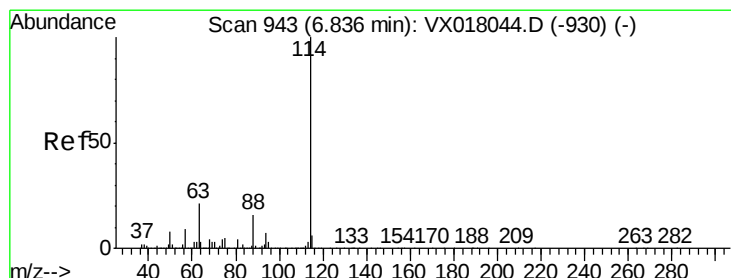
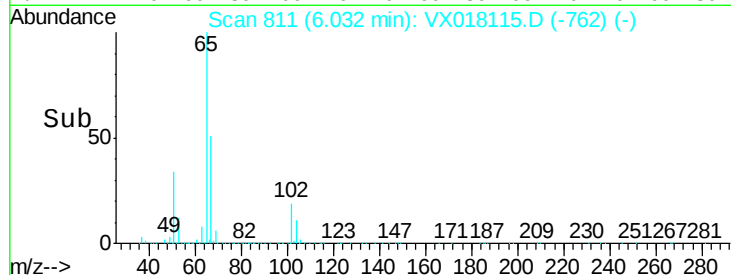
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018115.D

Acq: 28 Aug 2020 13:12

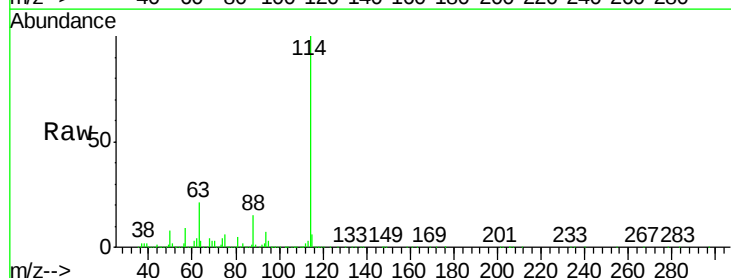
Tgt Ion: 114 Resp: 1058113

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 15.3 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

600000

500000

400000

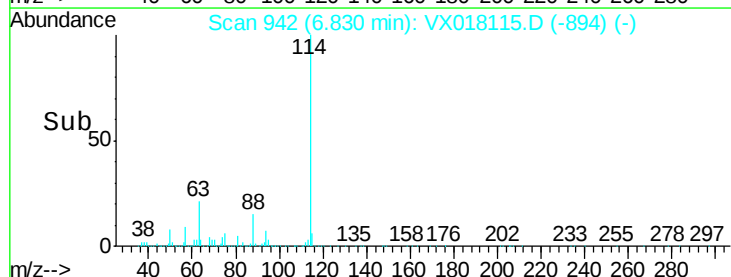
300000

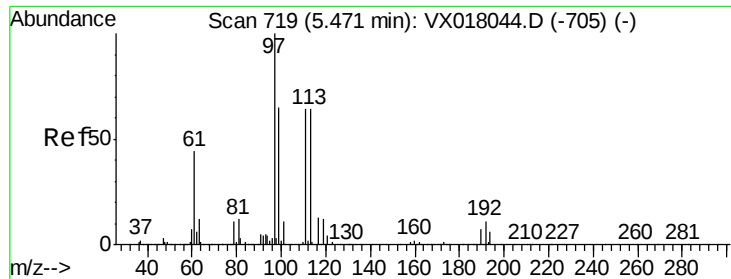
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 49.068 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX018115.D

Acq: 28 Aug 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

SU-03-082720

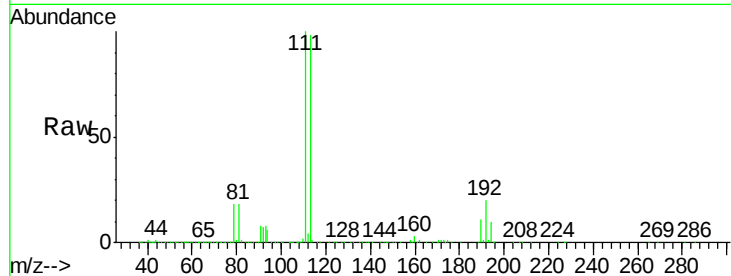
Tot Ion:113 Resp: 353597

Ion Ratio Lower Upper

113 100

111 101.6 81.6 122.4

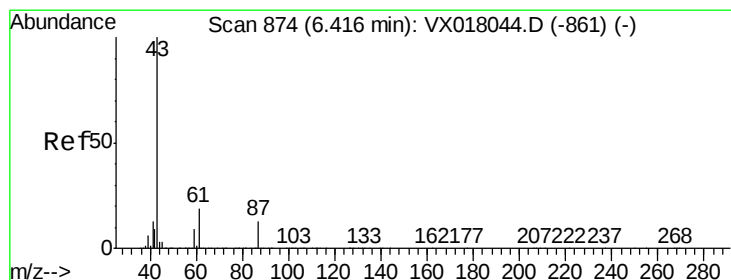
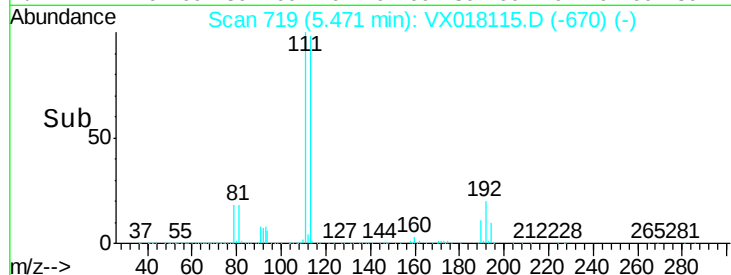
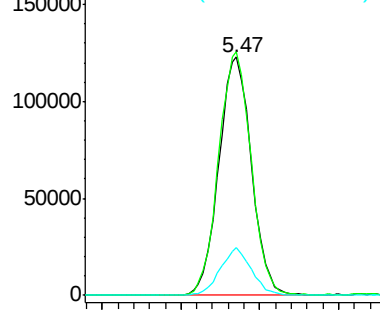
192 19.2 15.8 23.8



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: 12.034 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018115.D

Acq: 28 Aug 2020 13:12

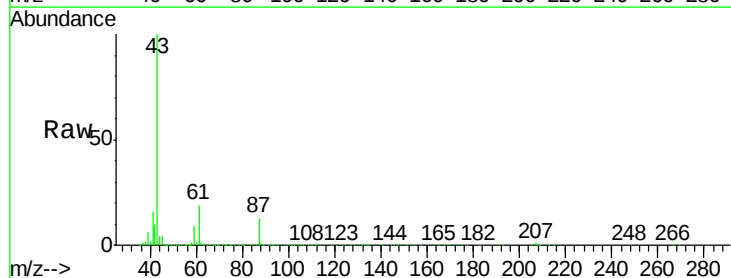
Tgt Ion: 43 Resp: 220313

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

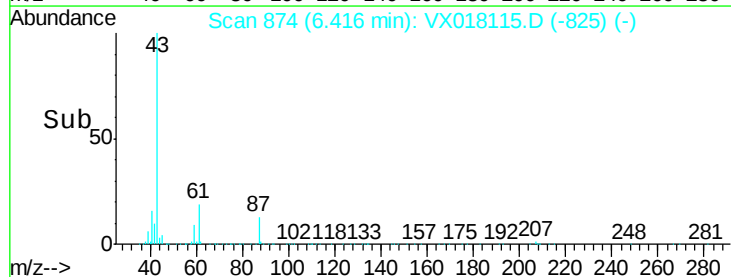
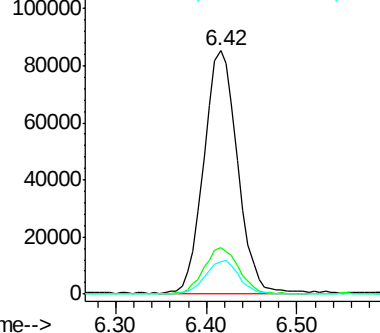
87 13.7 10.3 15.5

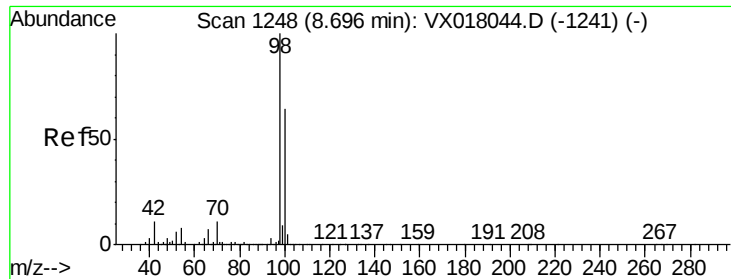


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.105 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018115.D

Acq: 28 Aug 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

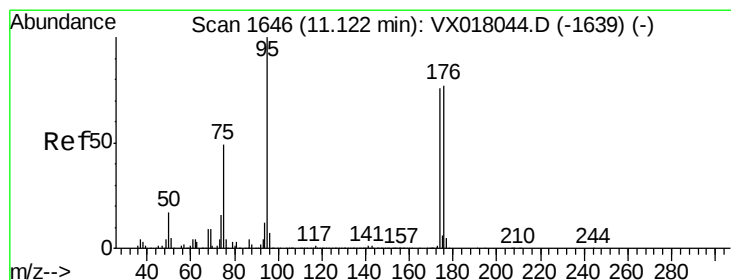
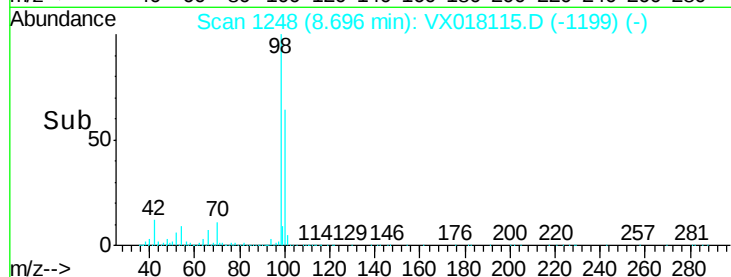
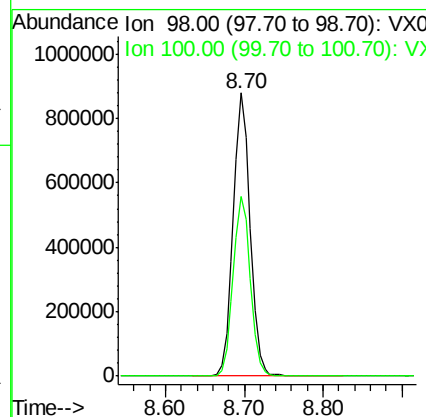
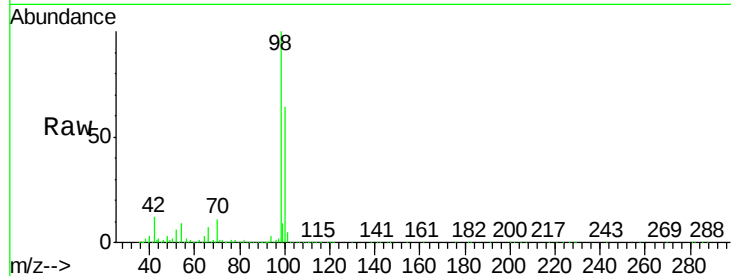
SU-03-082720

Tot Ion: 98 Resp: 1317997

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.204 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018115.D

Acq: 28 Aug 2020 13:12

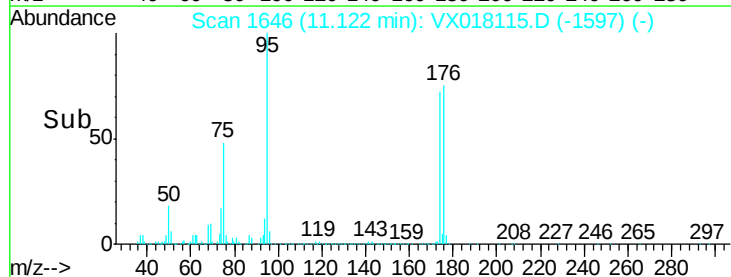
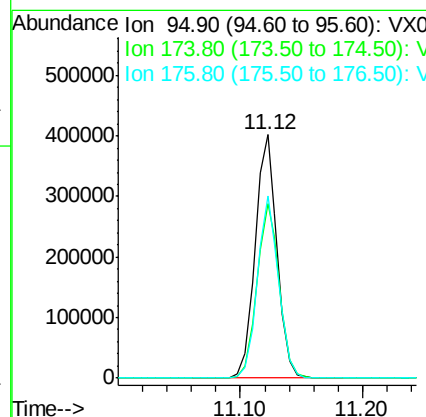
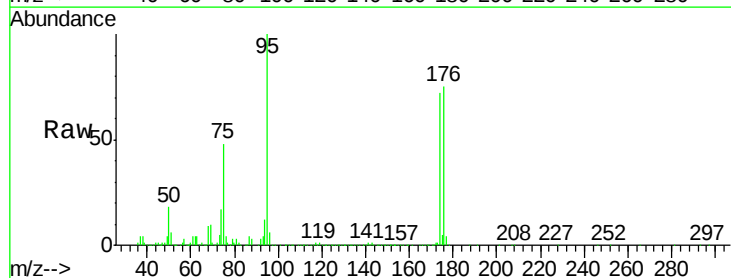
Tgt Ion: 95 Resp: 498471

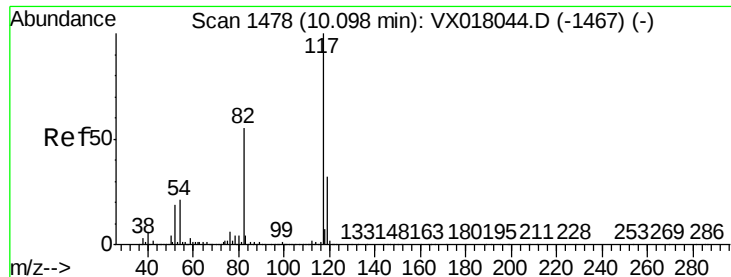
Ion Ratio Lower Upper

95 100

174 73.3 0.0 160.2

176 73.1 0.0 155.8

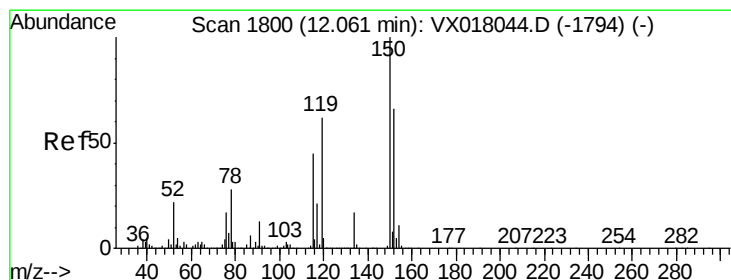
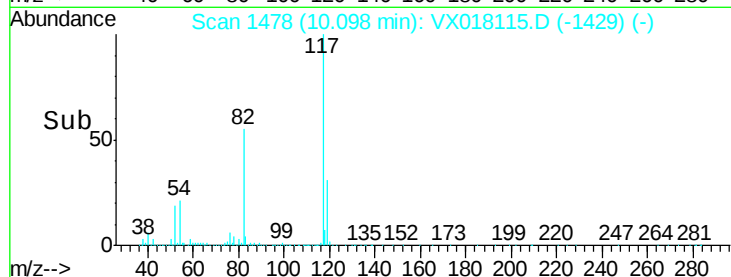
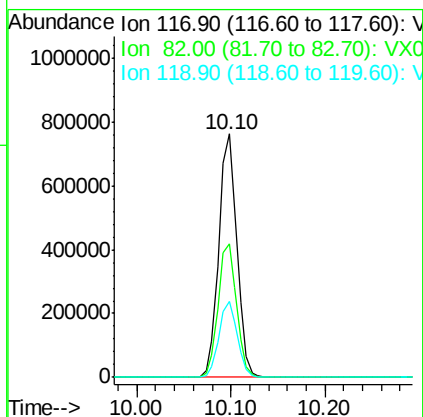
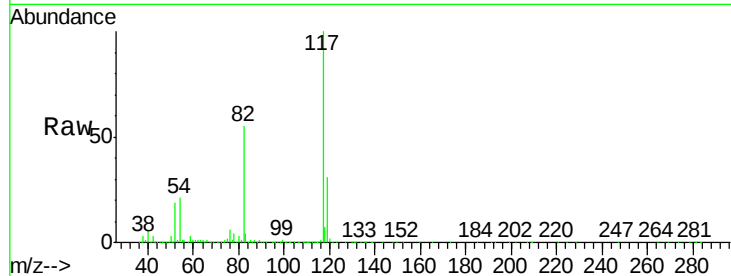




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018115.D
Acq: 28 Aug 2020 13:12

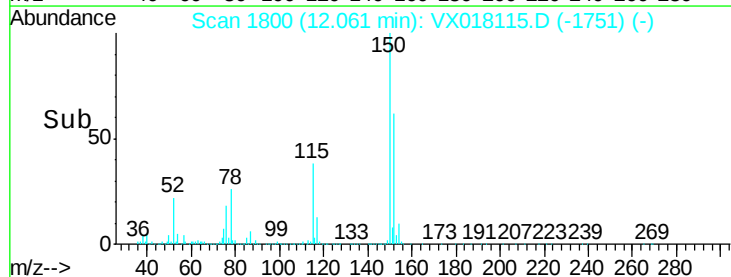
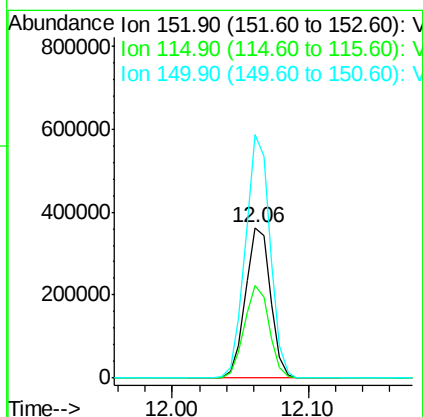
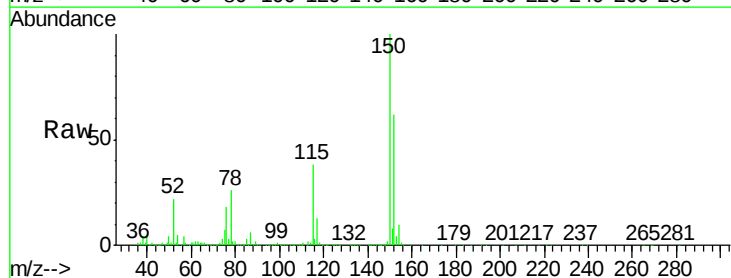
Instrument :
MSVOA_X
ClientSampled :
SU-03-082720

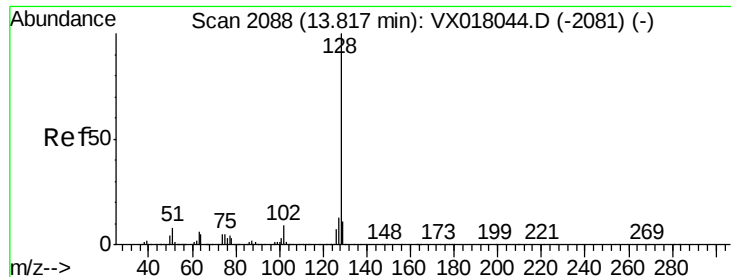
Tot Ion:117 Resp: 1017964
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018115.D
Acq: 28 Aug 2020 13:12

Tgt Ion:152 Resp: 467638
Ion Ratio Lower Upper
152 100
115 61.1 41.5 124.5
150 159.5 0.0 343.8





#95

Naphthalene

Concen: 6.332 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018115.D

Acq: 28 Aug 2020 13:12

Instrument :

MSVOA_X

ClientSampleId :

SU-03-082720

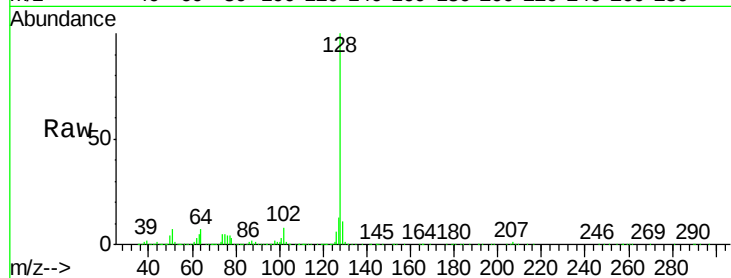
Tot Ion:128 Resp: 195821

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.4 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

