

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016373.D
 Acq On : 20 May 2020 20:09
 Operator : JC/SP
 Sample : L2708-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-TB-2020-3

Quant Time: May 21 06:20:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	238811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	395361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	389407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192929	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	139928	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.06%		
35) Dibromofluoromethane	5.47	113	115016	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.84%		
50) Toluene-d8	8.70	98	490582	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.66%		
62) 4-Bromofluorobenzene	11.12	95	196511	53.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	107.06%		

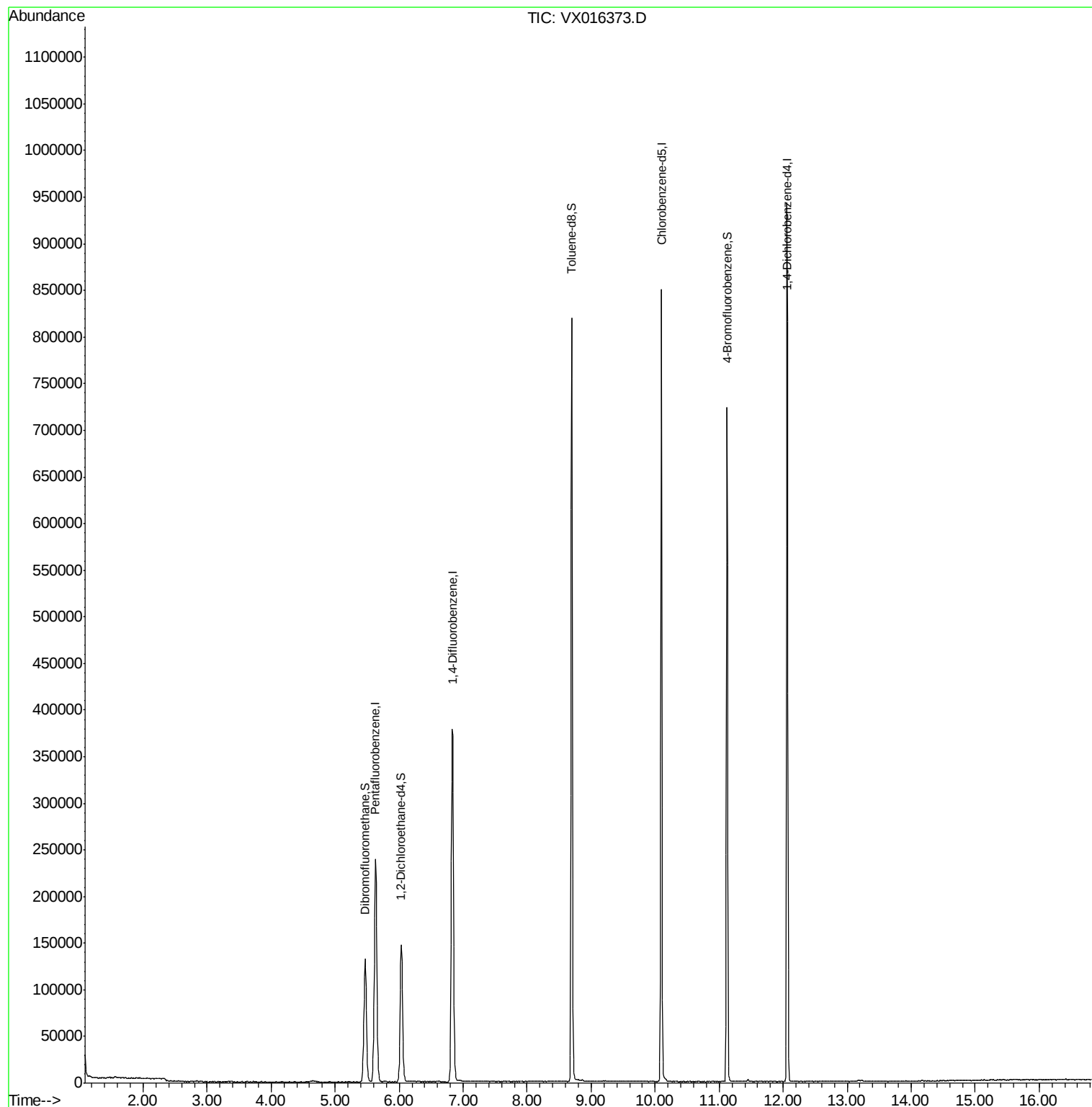
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

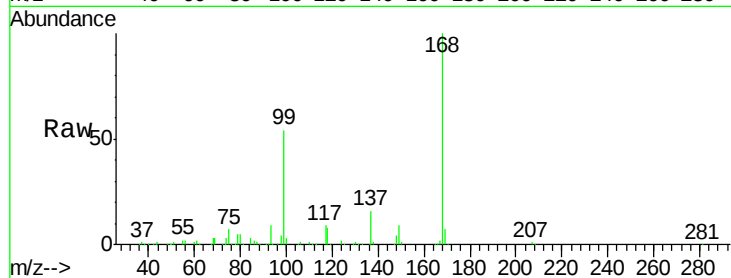
S32-TB-2020-3

Tot Ion:168 Resp: 238811

Ion Ratio Lower Upper

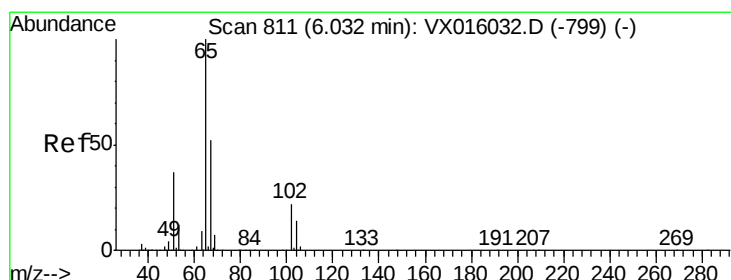
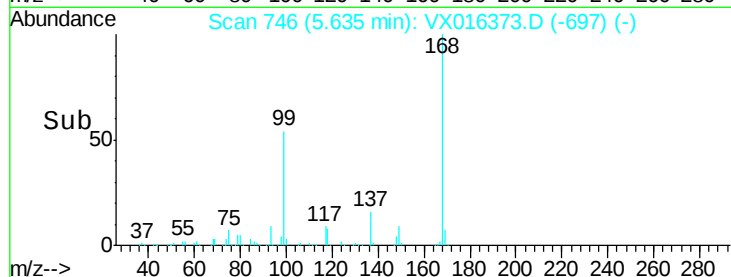
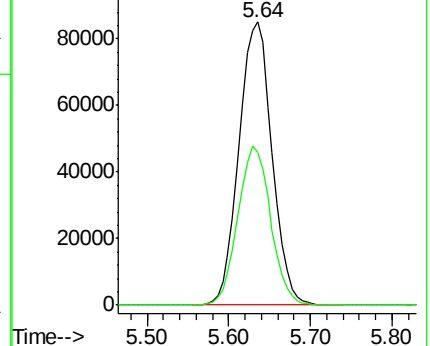
168 100

99 54.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 44.527 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016373.D

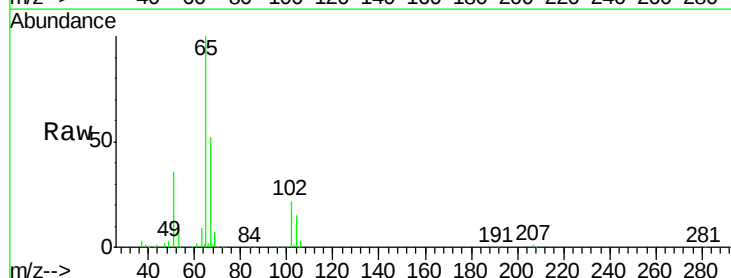
Acq: 20 May 2020 20:09

Tgt Ion: 65 Resp: 139928

Ion Ratio Lower Upper

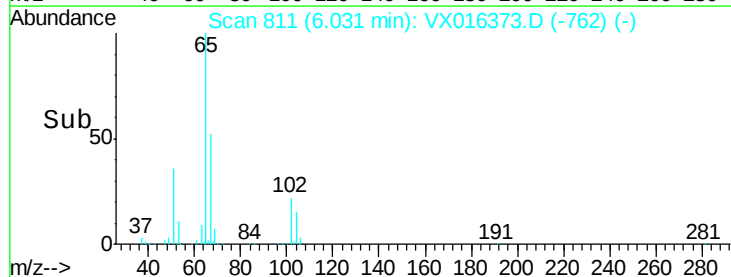
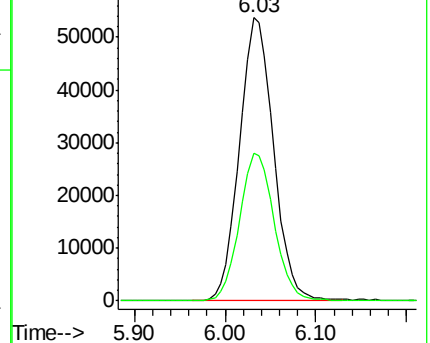
65 100

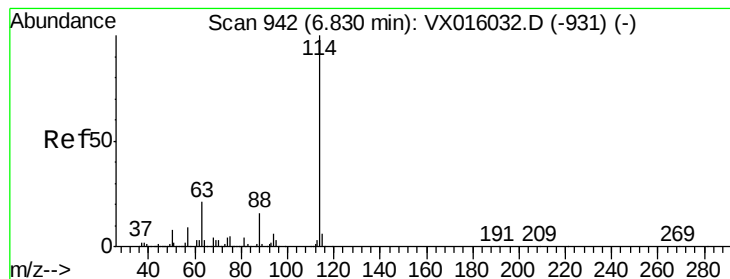
67 53.2 0.0 104.8



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: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

S32-TB-2020-3

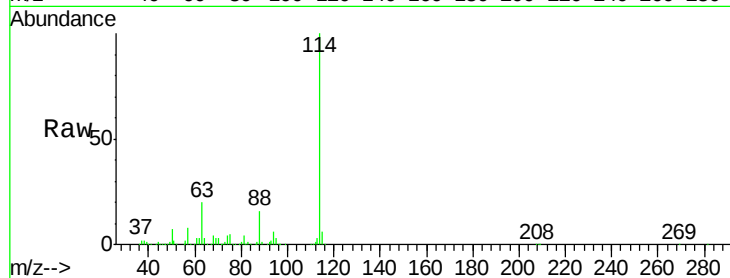
Tot Ion:114 Resp: 395361

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

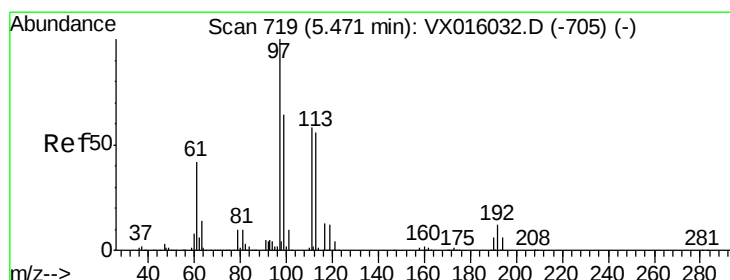
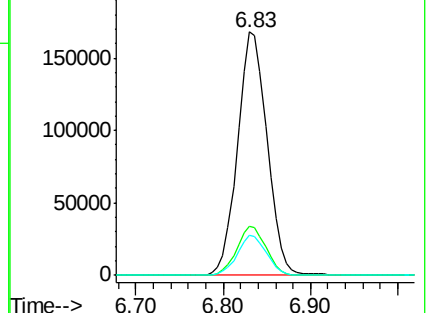
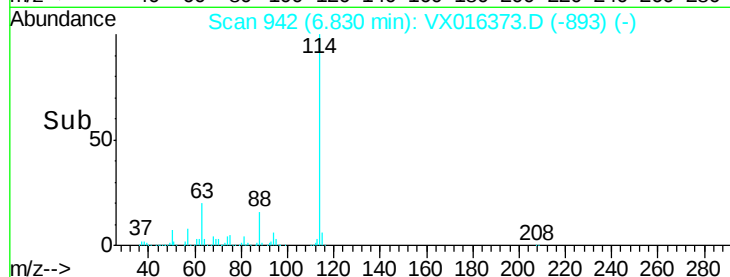
88 16.3 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 45.919 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

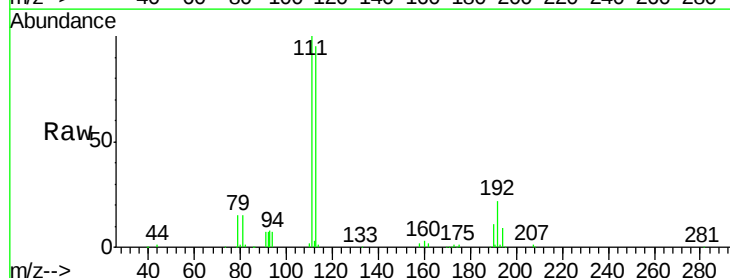
Tgt Ion:113 Resp: 115016

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

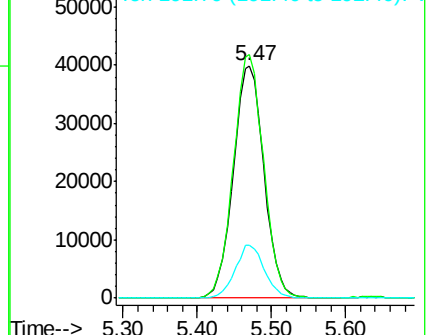
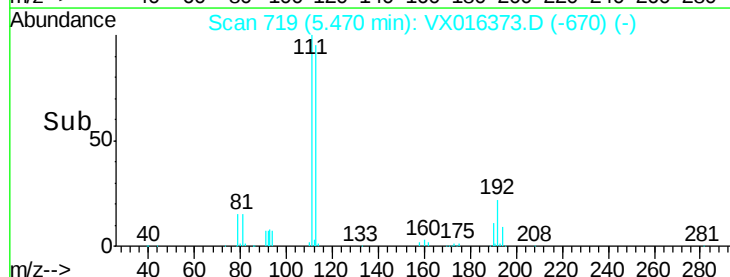
192 21.7 17.0 25.4

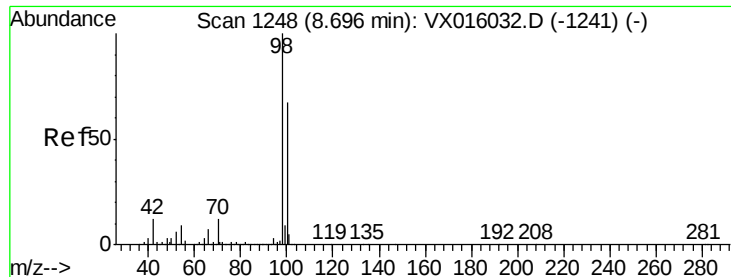


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.832 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

Instrument :

MSVOA_X

ClientSampleId :

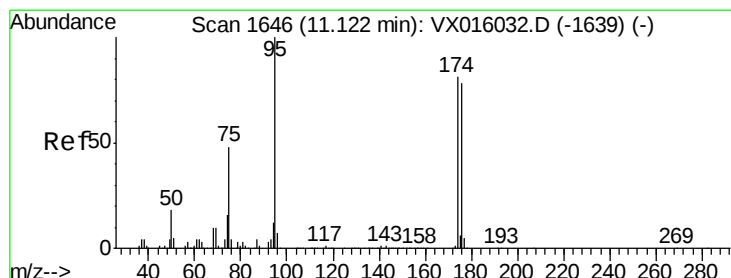
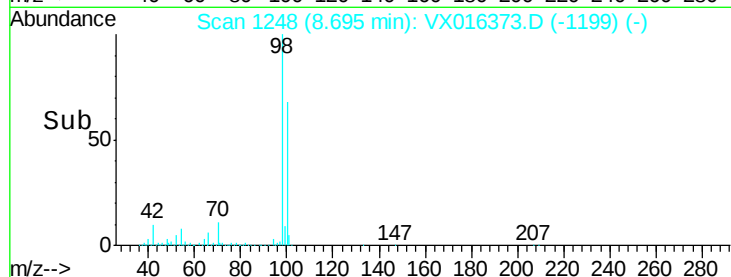
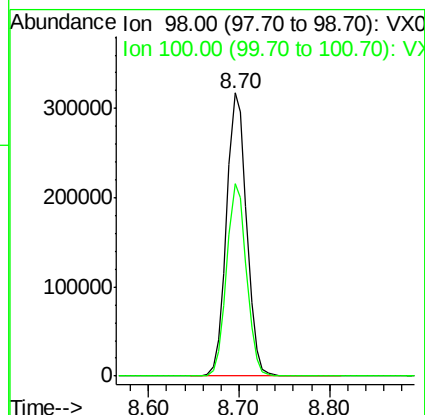
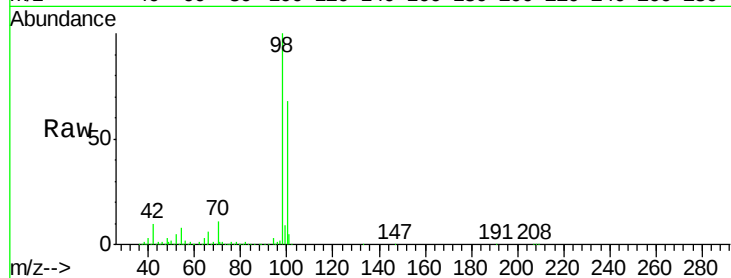
S32-TB-2020-3

Tot Ion: 98 Resp: 490582

Ion Ratio Lower Upper

98 100

100 67.2 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.533 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016373.D

Acq: 20 May 2020 20:09

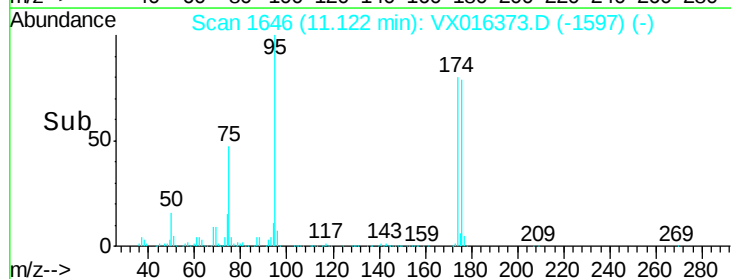
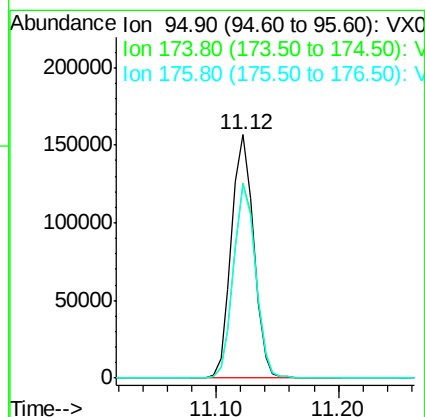
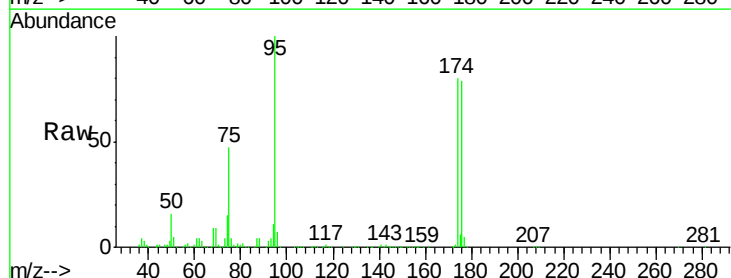
Tgt Ion: 95 Resp: 196511

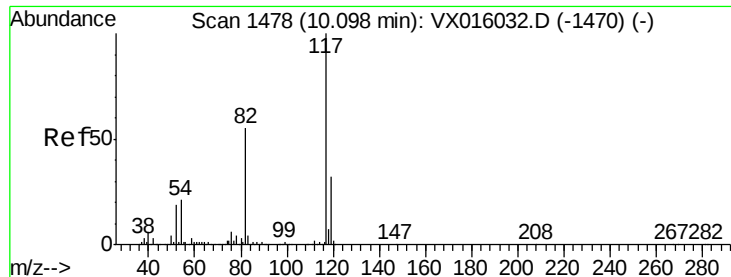
Ion Ratio Lower Upper

95 100

174 79.6 0.0 159.4

176 79.1 0.0 157.6

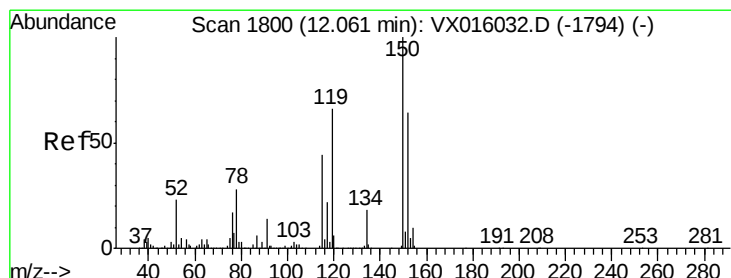
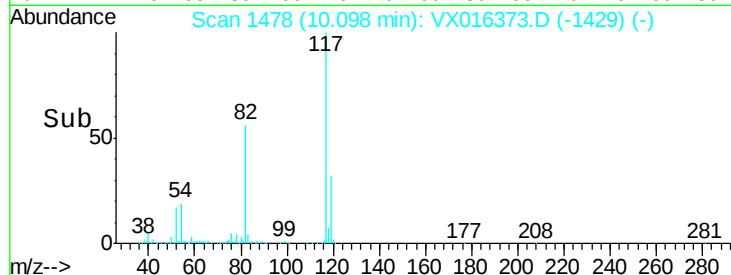
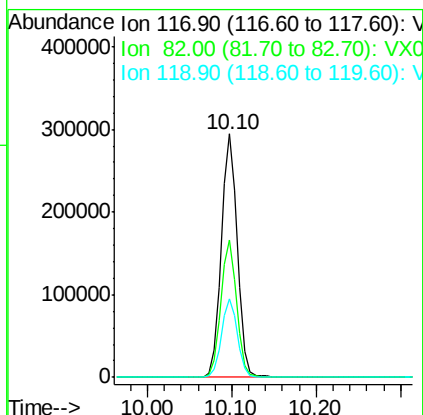
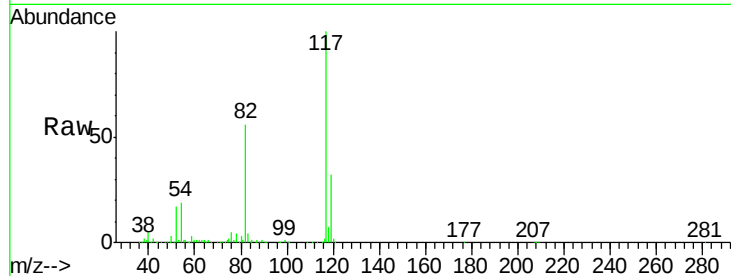




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016373.D
Acq: 20 May 2020 20:09

Instrument :
MSVOA_X
ClientSampleId :
S32-TB-2020-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.4	66.6
119	32.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016373.D
Acq: 20 May 2020 20:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.3	124.1
150	159.3	0.0	352.2

