

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006929.D
 Acq On : 07 Jan 2019 12:22
 Operator : JC/MD
 Sample : K1057-03RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0648RE

Quant Time: Jan 08 06:52:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	655656	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	981836	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	901818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	440455	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	338437	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
35) Dibromofluoromethane	5.50	113	301736	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.71	98	1162399	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	412519	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	

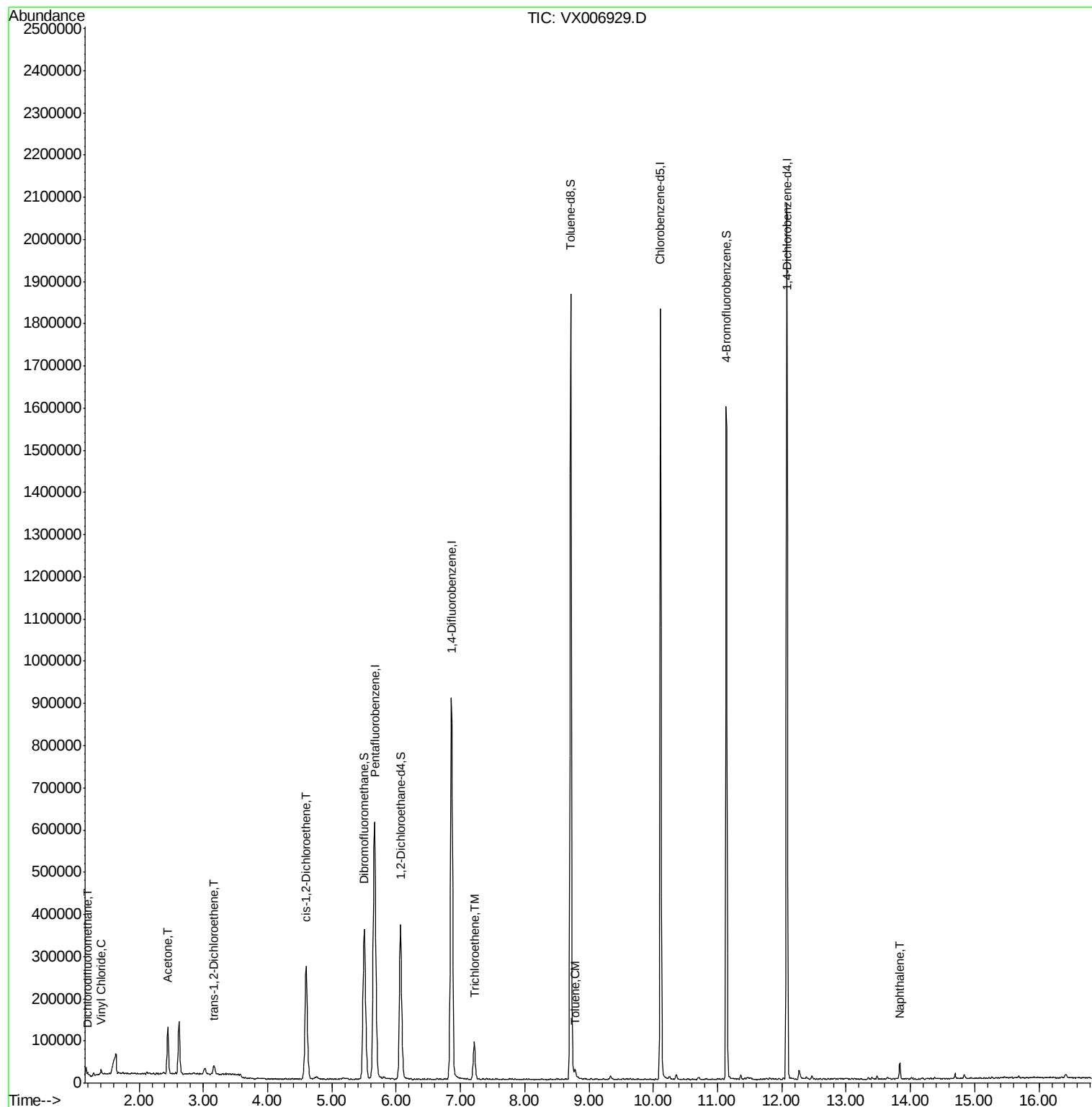
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	4775	0.796	ug/l	93
4) Vinyl Chloride	1.41	62	7245	1.073	ug/l	96
16) Acetone	2.45	43	120455	37.103	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	9658	1.488	ug/l	89
27) cis-1,2-Dichloroethene	4.60	96	183979	25.690	ug/l	90
44) Trichloroethene	7.21	130	36888	4.931	ug/l	99
52) Toluene	8.79	92	5602	0.351	ug/l	97
95) Naphthalene	13.83	128	24679	0.763	ug/l	98

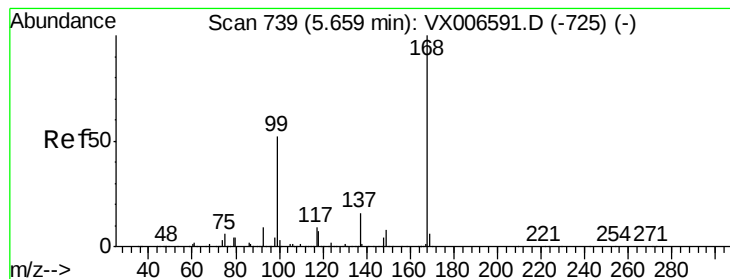
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010719\
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Quant Time: Jan 08 06:52:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

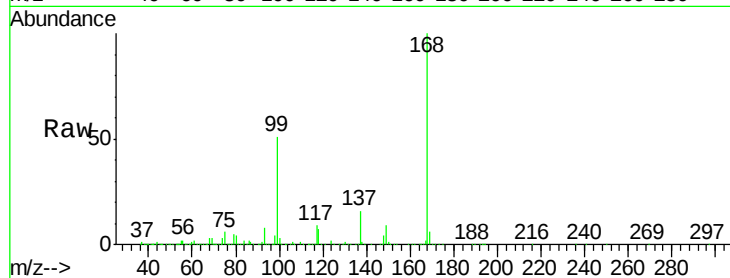
S32-0648RE

Tot Ion:168 Resp: 655656

Ion Ratio Lower Upper

168 100

99 50.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

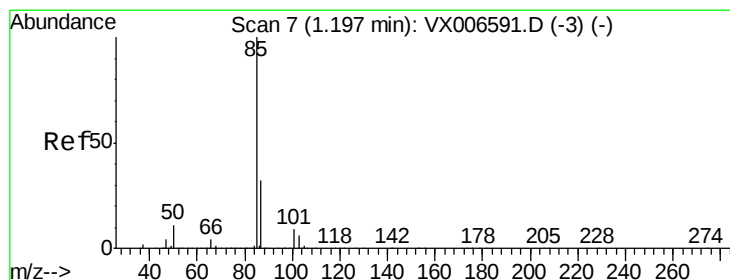
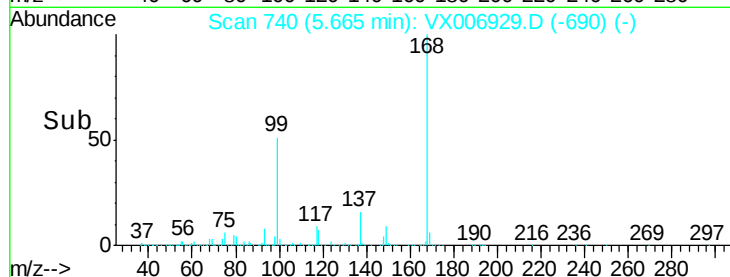
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.796 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006929.D

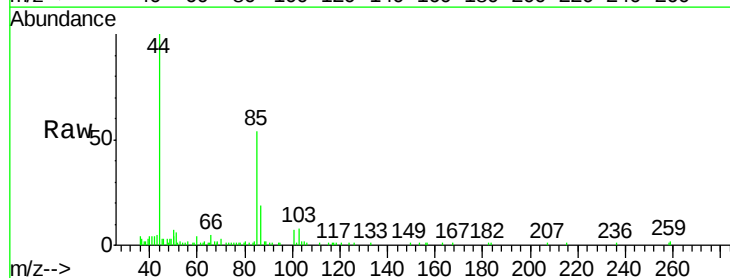
Acq: 07 Jan 2019 12:22

Tgt Ion: 85 Resp: 4775

Ion Ratio Lower Upper

85 100

87 35.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

5000

4000

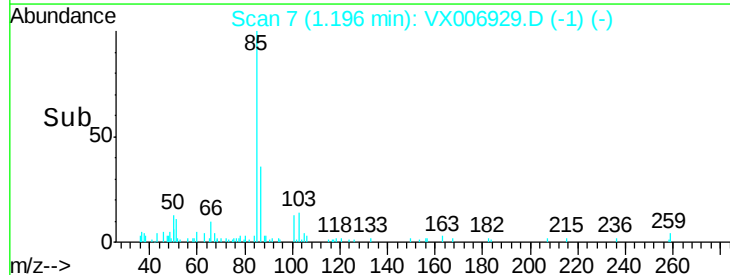
3000

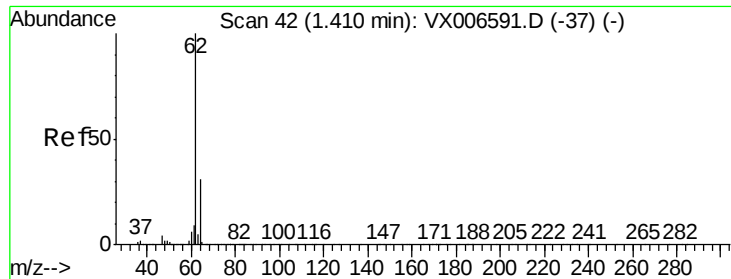
2000

1000

0

Time--> 1.15 1.20 1.25





#4

Vinyl Chloride

Concen: 1.073 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

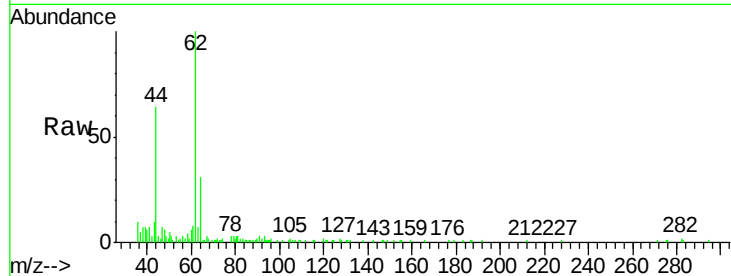
S32-0648RE

Tot Ion: 62 Resp: 7245

Ion Ratio Lower Upper

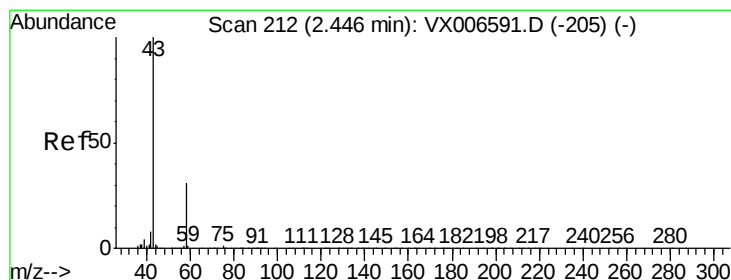
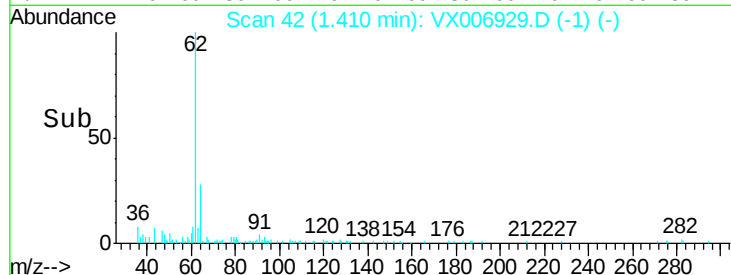
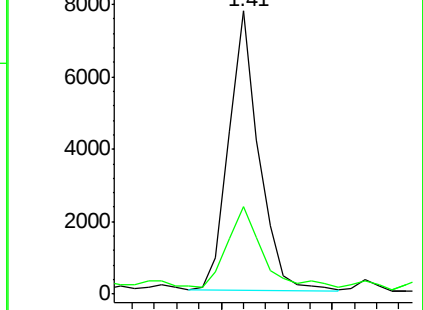
62 100

64 29.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#16

Acetone

Concen: 37.103 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006929.D

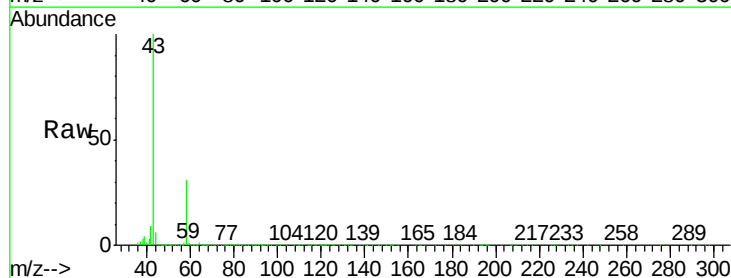
Acq: 07 Jan 2019 12:22

Tgt Ion: 43 Resp: 120455

Ion Ratio Lower Upper

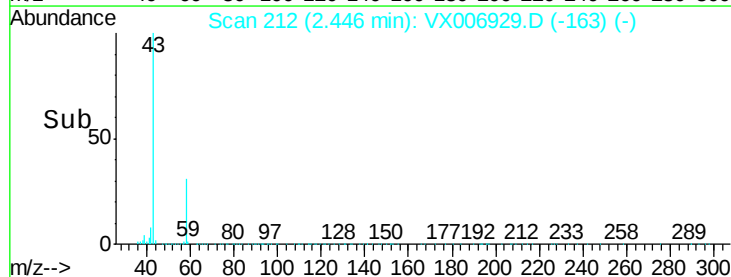
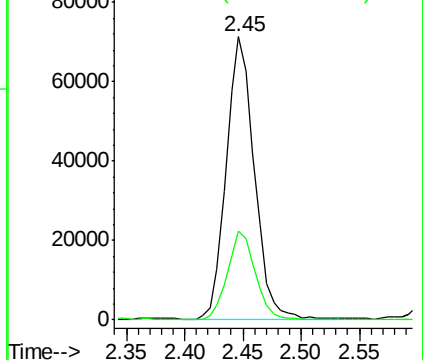
43 100

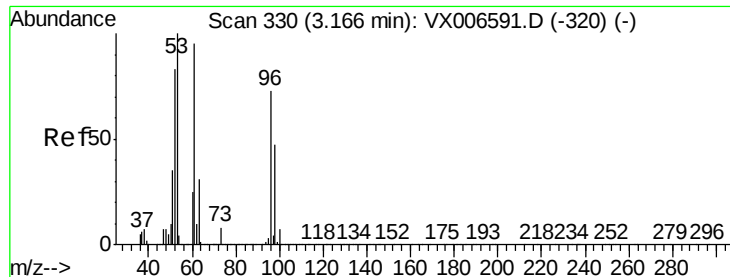
58 31.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.488 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

S32-0648RE

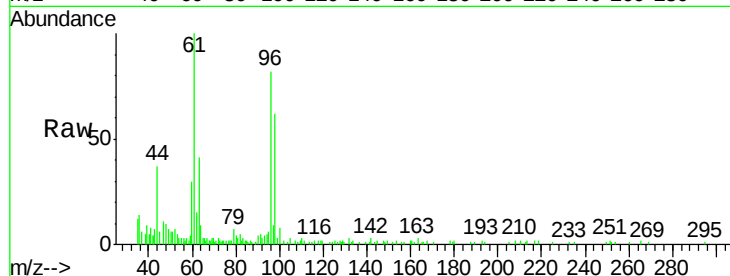
Tot Ion: 96 Resp: 9658

Ion Ratio Lower Upper

96 100

61 119.3 103.7 155.5

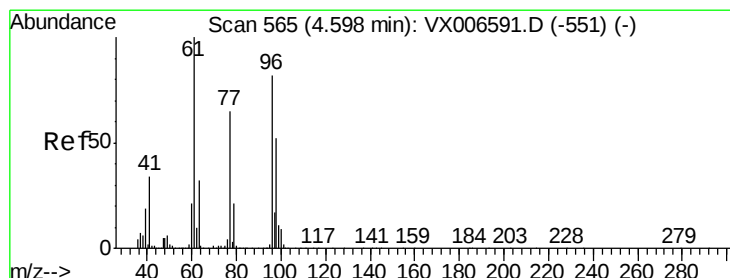
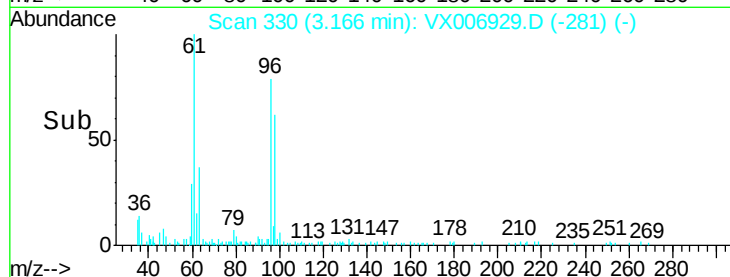
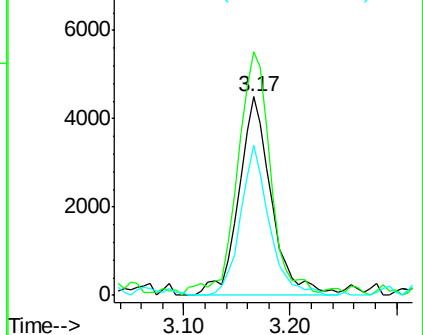
98 75.4 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 25.690 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

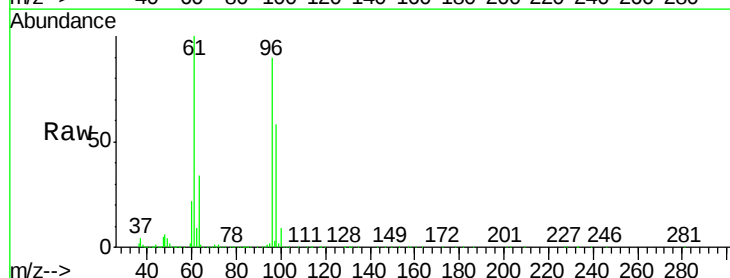
Tgt Ion: 96 Resp: 183979

Ion Ratio Lower Upper

96 100

61 113.0 0.0 258.6

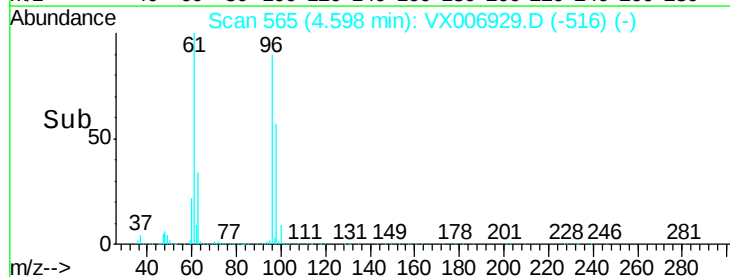
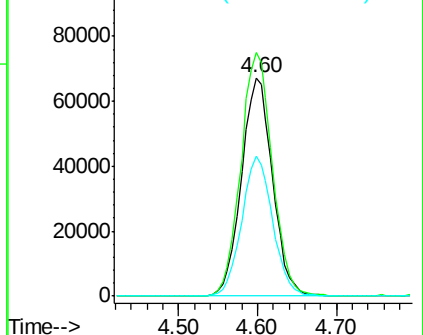
98 63.7 0.0 132.0

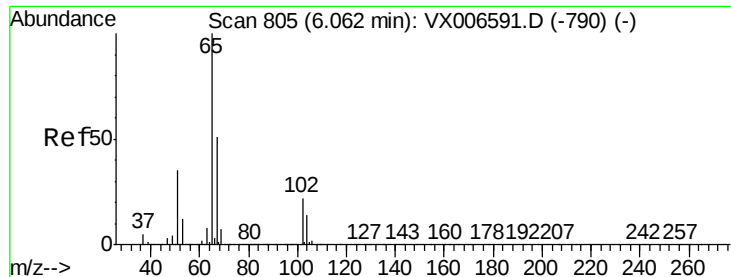


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.894 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampled :

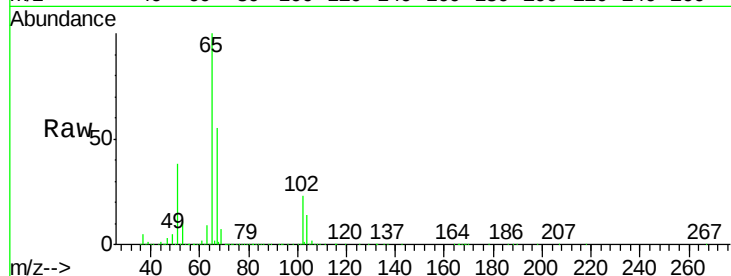
S32-0648RE

Tot Ion: 65 Resp: 338437

Ion Ratio Lower Upper

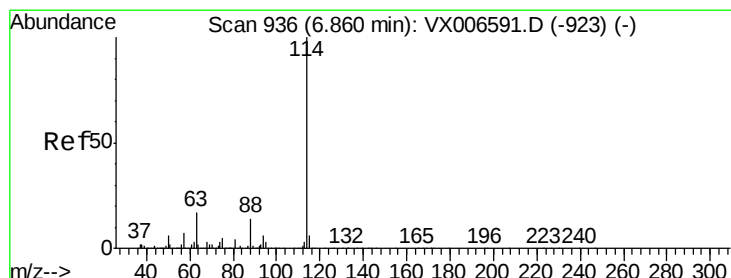
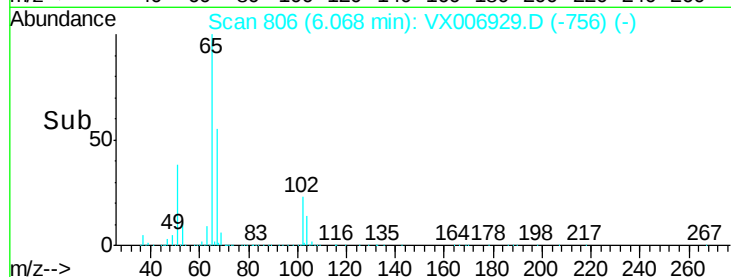
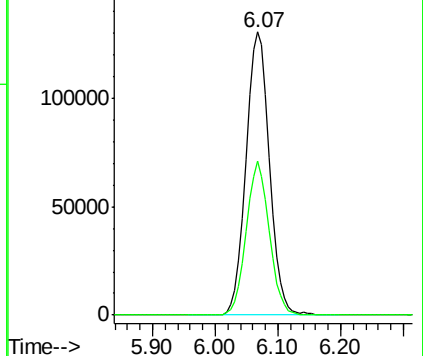
65 100

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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

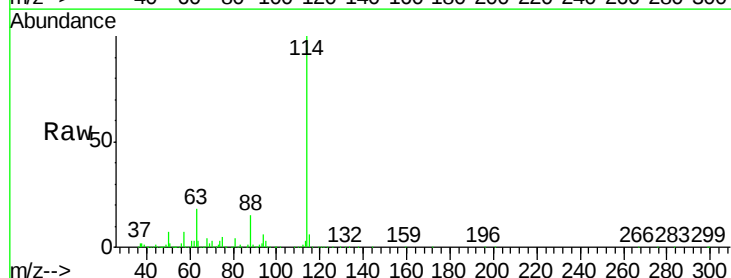
Tgt Ion: 114 Resp: 981836

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

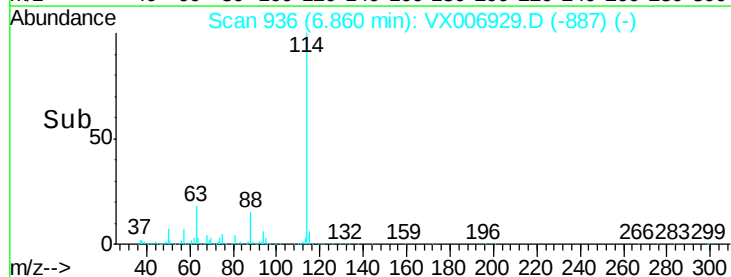
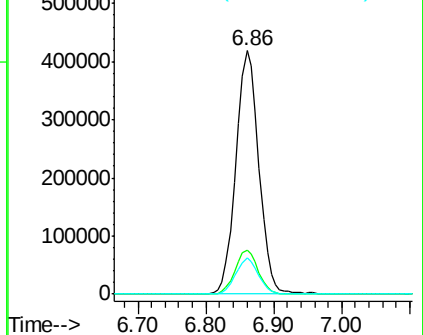
88 15.0 0.0 28.8

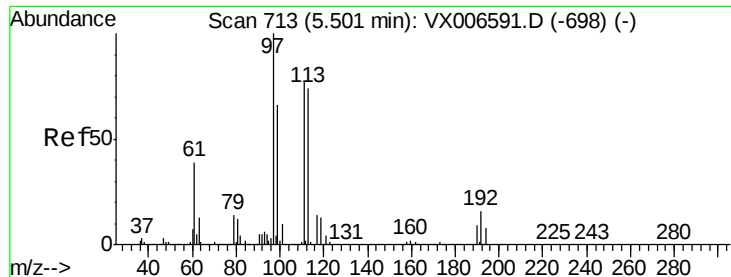


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.597 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

S32-0648RE

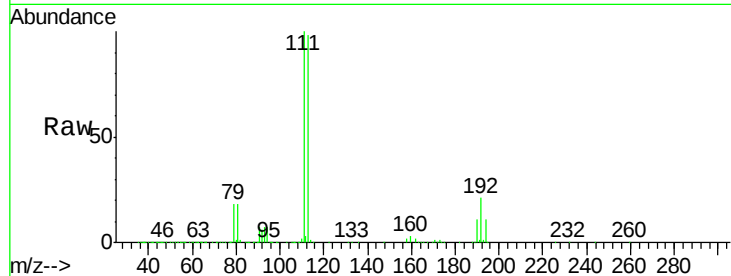
Tot Ion:113 Resp: 301736

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

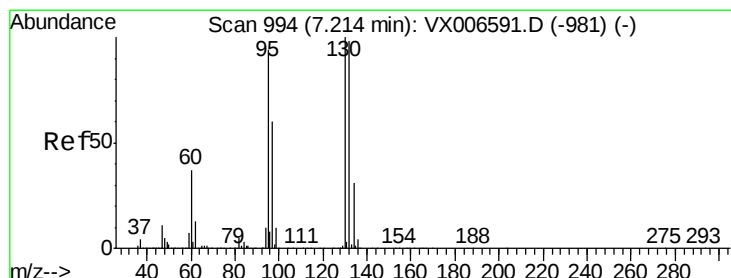
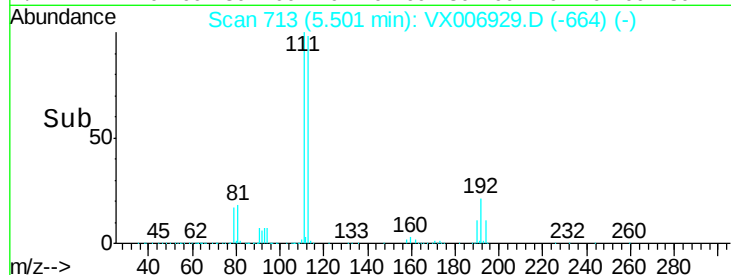
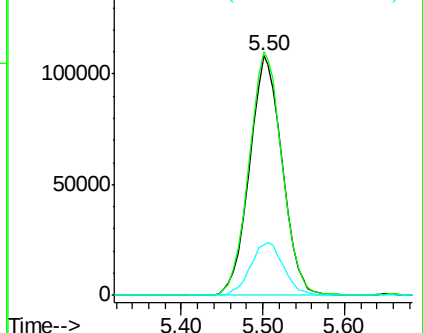
192 22.5 16.7 25.1



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



#44

Trichloroethene

Concen: 4.931 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006929.D

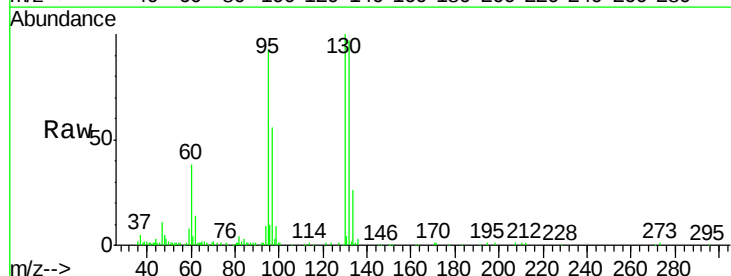
Acq: 07 Jan 2019 12:22

Tgt Ion:130 Resp: 36888

Ion Ratio Lower Upper

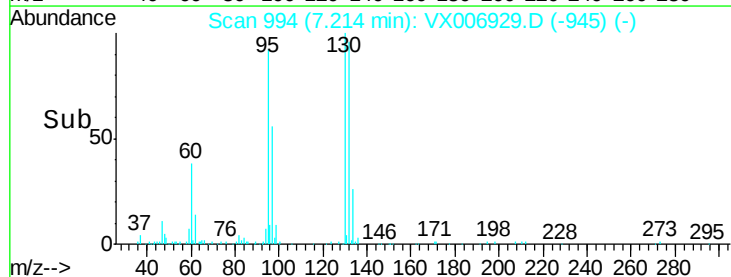
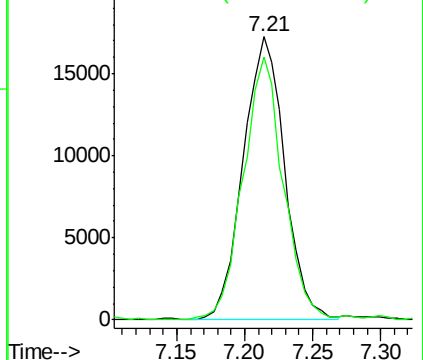
130 100

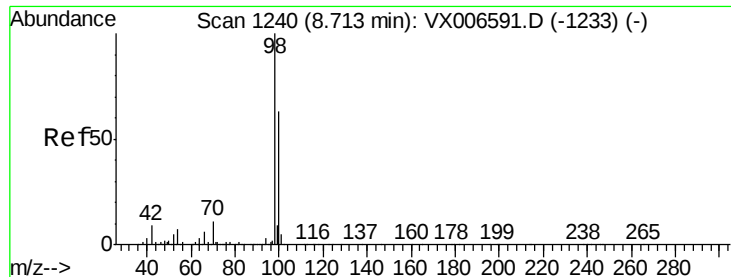
95 92.6 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.658 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

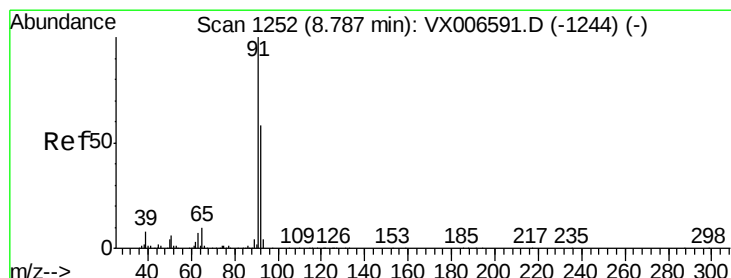
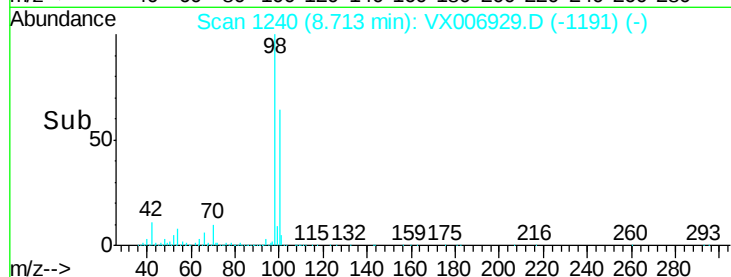
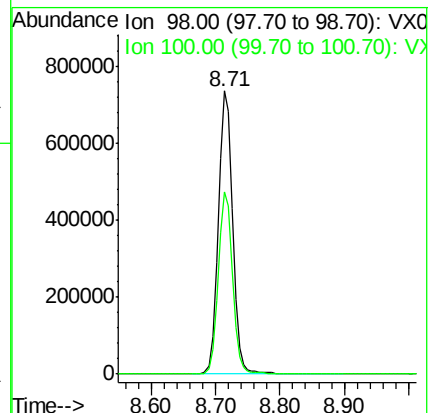
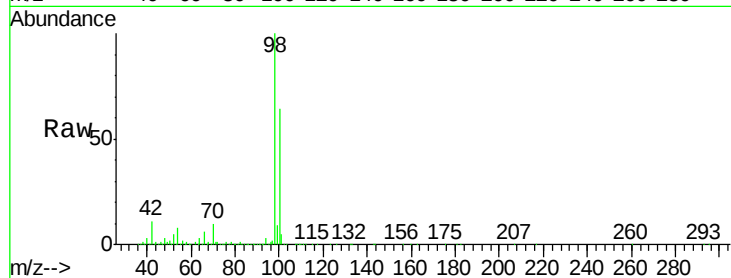
S32-0648RE

Tot Ion: 98 Resp: 1162399

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#52

Toluene

Concen: 0.351 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006929.D

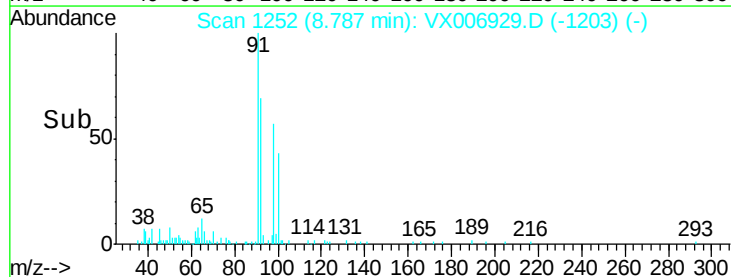
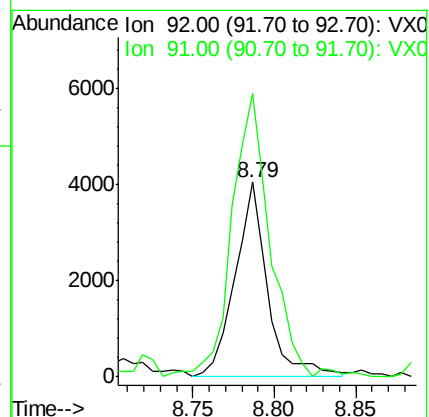
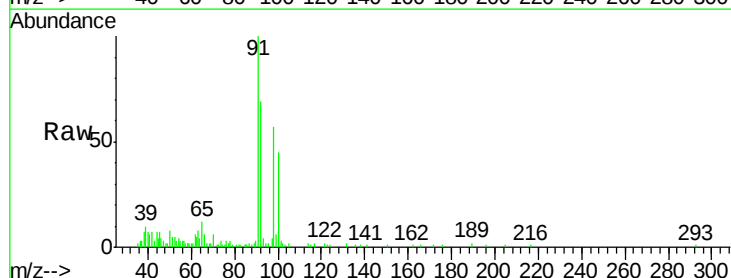
Acq: 07 Jan 2019 12:22

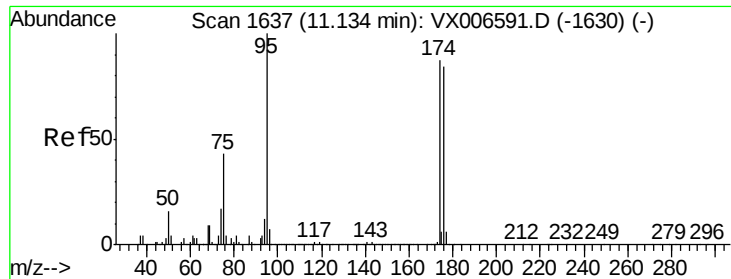
Tgt Ion: 92 Resp: 5602

Ion Ratio Lower Upper

92 100

91 167.9 137.6 206.4

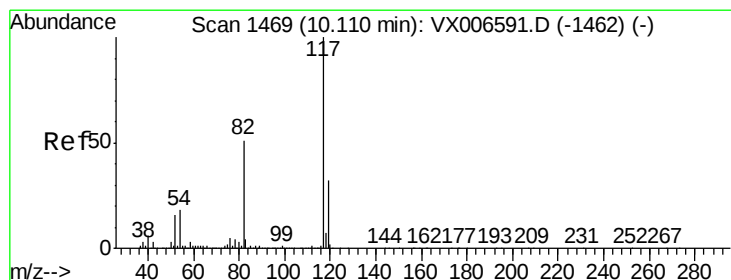
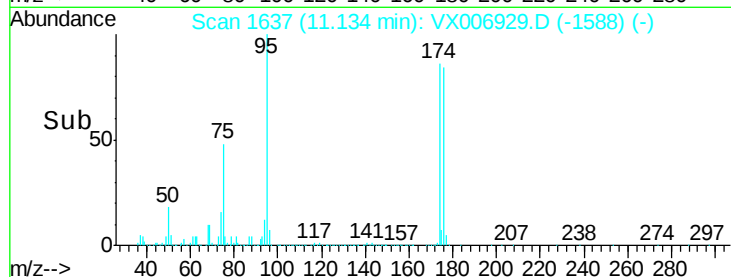
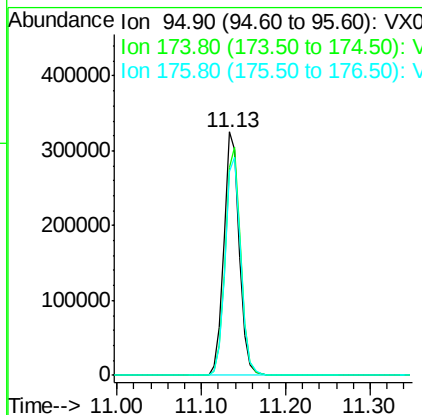
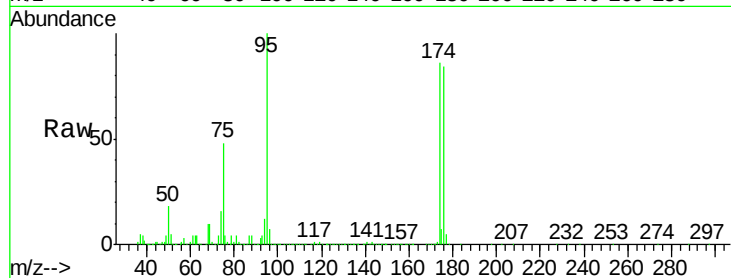




#62
4-Bromofluorobenzene
Concen: 48.119 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

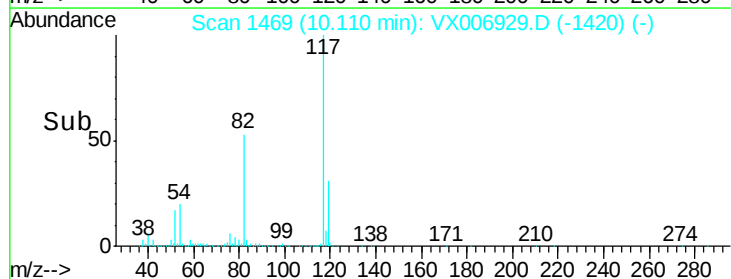
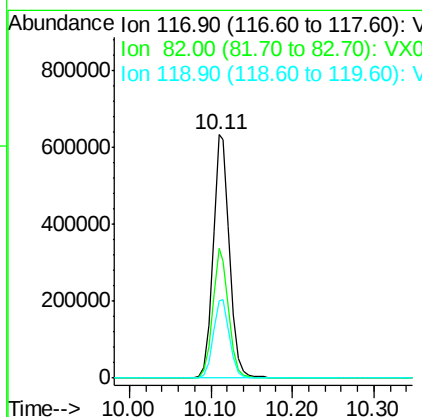
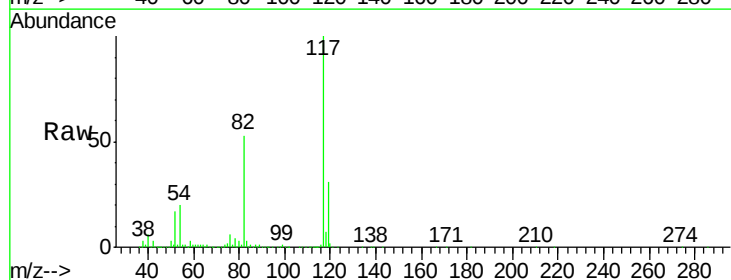
Instrument :
MSVOA_X
ClientSampleId :
S32-0648RE

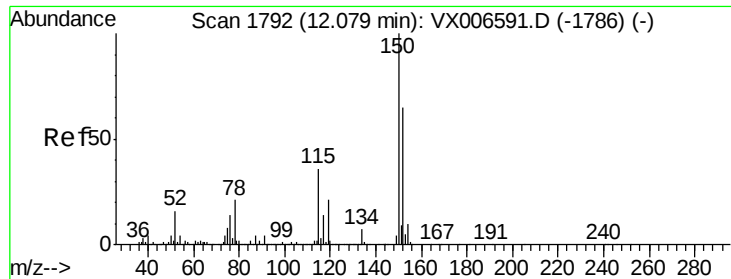
Tot Ion: 95 Resp: 412519
Ion Ratio Lower Upper
95 100
174 93.7 0.0 182.2
176 90.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006929.D
Acq: 07 Jan 2019 12:22

Tgt Ion: 117 Resp: 901818
Ion Ratio Lower Upper
117 100
82 53.2 41.0 61.6
119 31.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

S32-0648RE

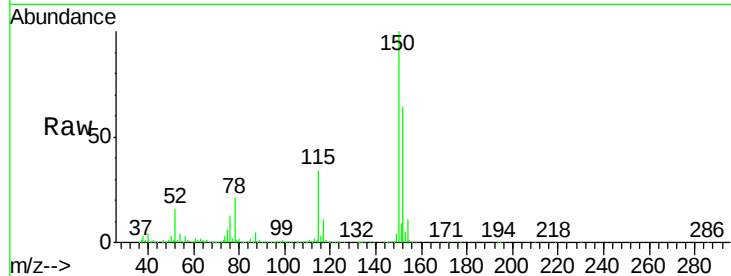
Tot Ion:152 Resp: 440455

Ion Ratio Lower Upper

152 100

115 55.3 39.1 117.2

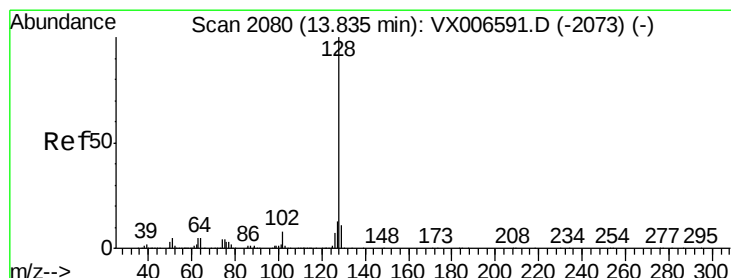
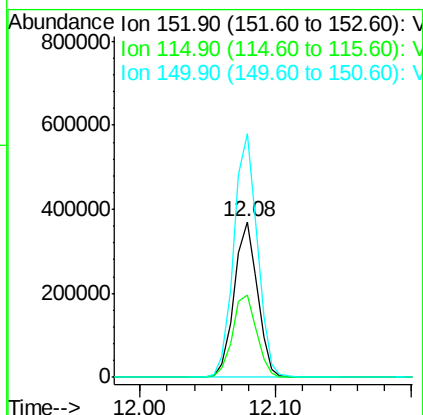
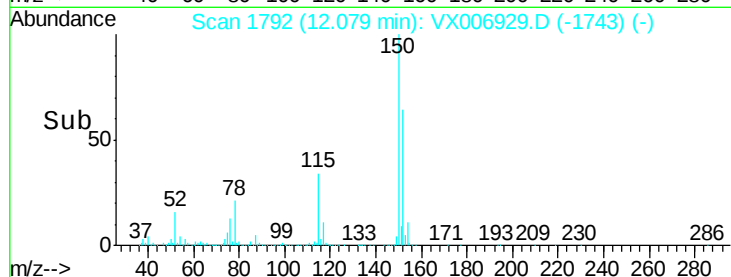
150 158.3 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 0.763 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006929.D

Acq: 07 Jan 2019 12:22

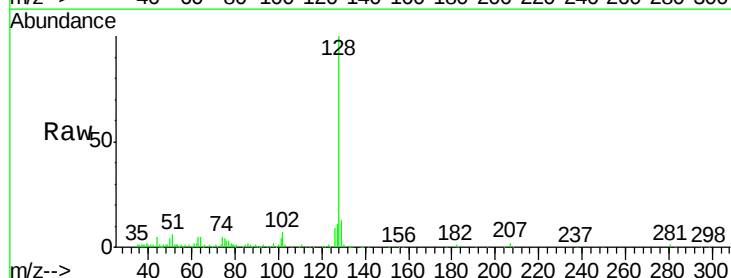
Tgt Ion:128 Resp: 24679

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

129 12.3 8.6 13.0



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

