

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010419\
 Data File : VX006921.D
 Acq On : 04 Jan 2019 18:44
 Operator : JC/MD
 Sample : K1057-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0648

Quant Time: Jan 04 23:32:49 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

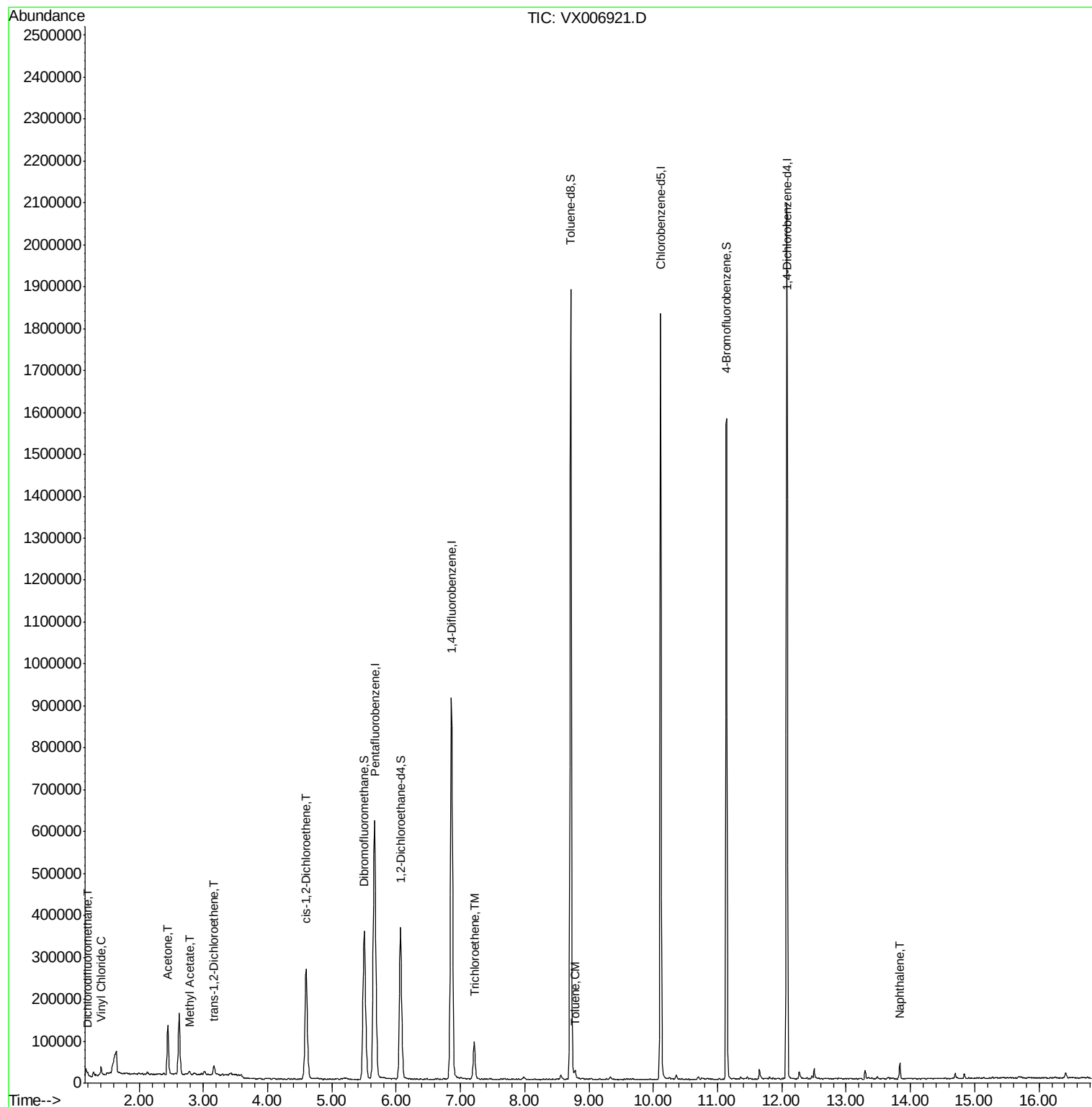
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	641919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	980042	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	907624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	439404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	335653	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.50	113	302994	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	8.71	98	1163769	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.13	95	411932	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	5228	0.890	ug/l	94
4) Vinyl Chloride	1.41	62	9269	1.403	ug/l	99
16) Acetone	2.45	43	130258	40.981	ug/l	98
18) Methyl Acetate	2.78	43	10940	1.171	ug/l #	87
21) trans-1,2-Dichloroethene	3.17	96	8581	1.350	ug/l	82
27) cis-1,2-Dichloroethene	4.60	96	175540	25.037	ug/l	93
44) Trichloroethene	7.21	130	38192	5.114	ug/l	95
52) Toluene	8.79	92	5008	0.314	ug/l	91
95) Naphthalene	13.83	128	22126	0.686	ug/l	96

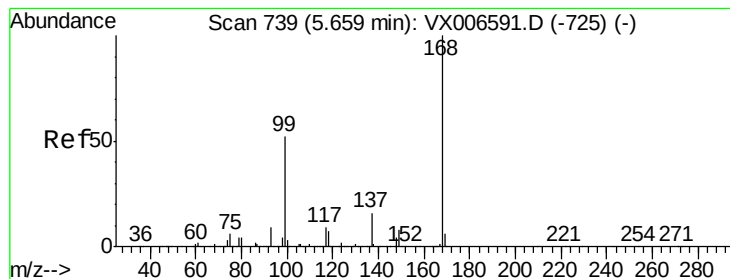
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006921.D

Acq: 04 Jan 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

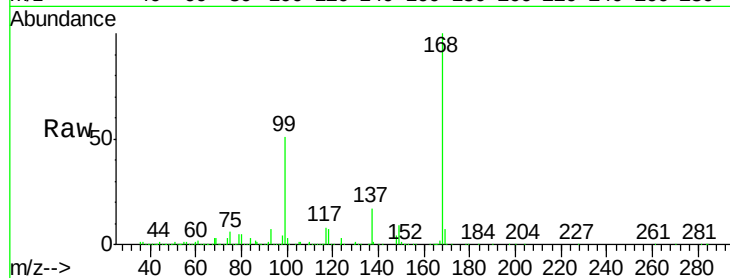
S32-0648

Tot Ion:168 Resp: 641919

Ion Ratio Lower Upper

168 100

99 50.5 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

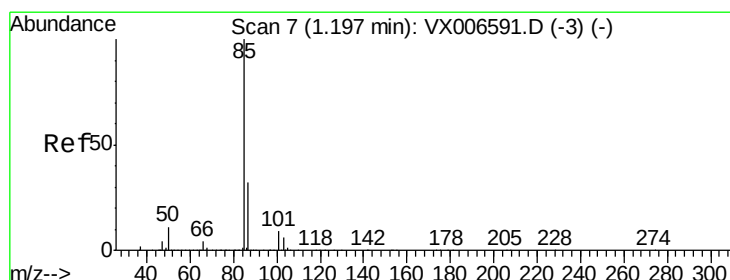
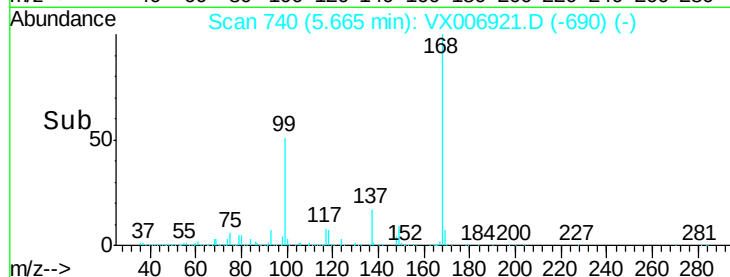
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.890 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006921.D

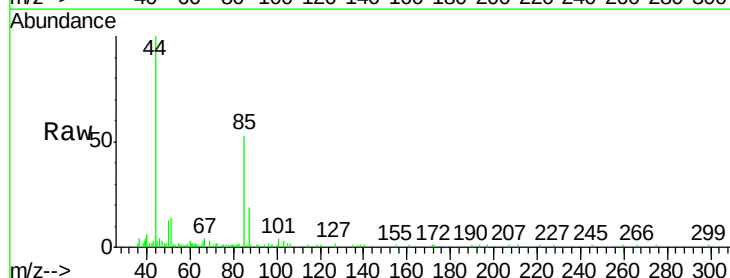
Acq: 04 Jan 2019 18:44

Tgt Ion: 85 Resp: 5228

Ion Ratio Lower Upper

85 100

87 35.1 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

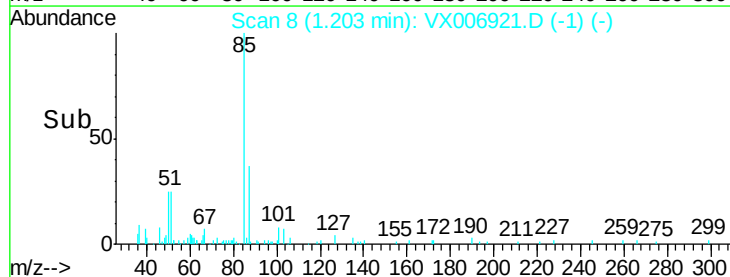
3000

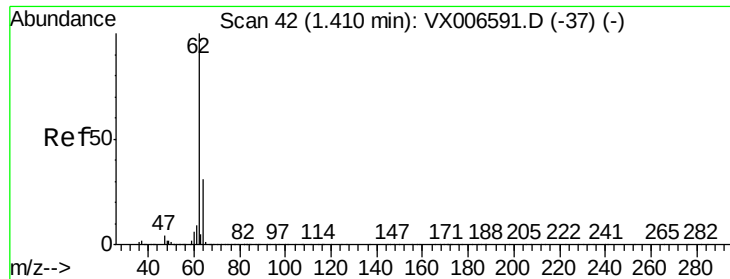
2000

1000

0

Time-->





#4

Vinyl Chloride

Concen: 1.403 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006921.D

Acq: 04 Jan 2019 18:44

Instrument :

MSVOA_X

ClientSampled :

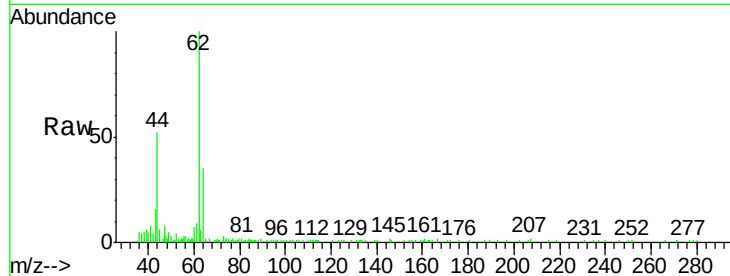
S32-0648

Tot Ion: 62 Resp: 9269

Ion Ratio Lower Upper

62 100

64 30.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

10000

8000

6000

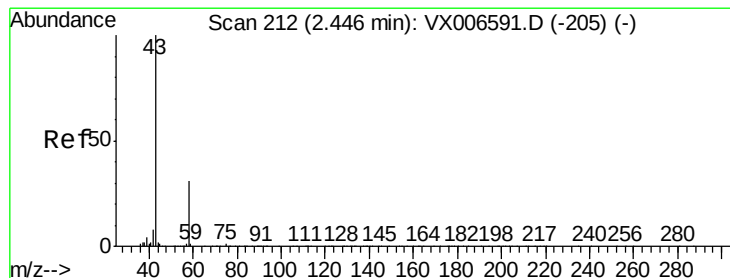
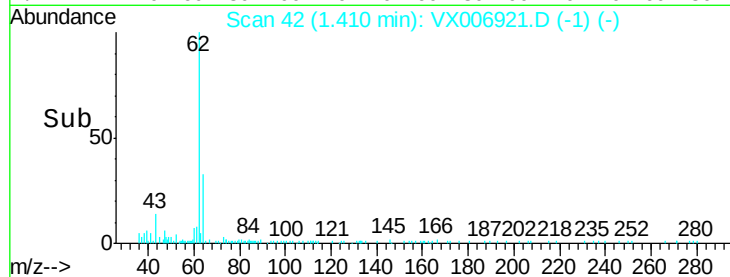
4000

2000

0

1.35 1.40 1.45 1.50

Time-->



#16

Acetone

Concen: 40.981 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006921.D

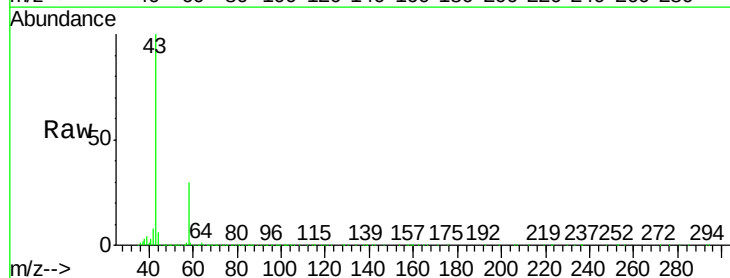
Acq: 04 Jan 2019 18:44

Tgt Ion: 43 Resp: 130258

Ion Ratio Lower Upper

43 100

58 30.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

80000

60000

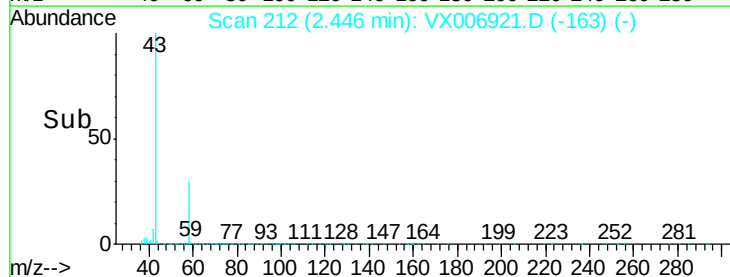
40000

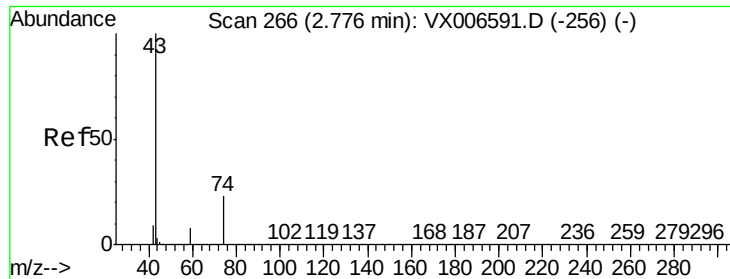
20000

0

2.40 2.50

Time-->





#18

Methyl Acetate

Concen: 1.171 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006921.D

Acq: 04 Jan 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

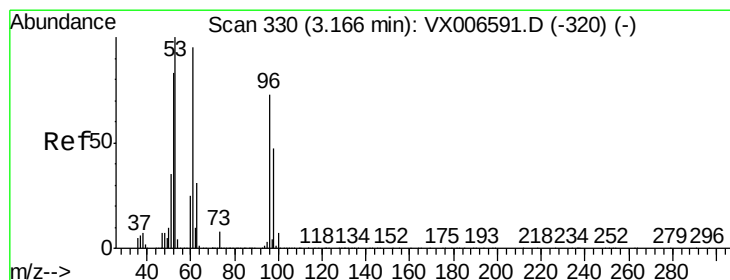
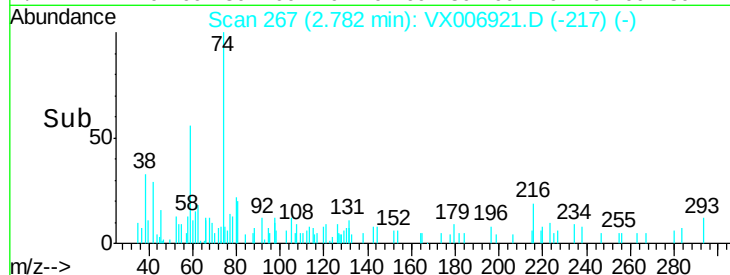
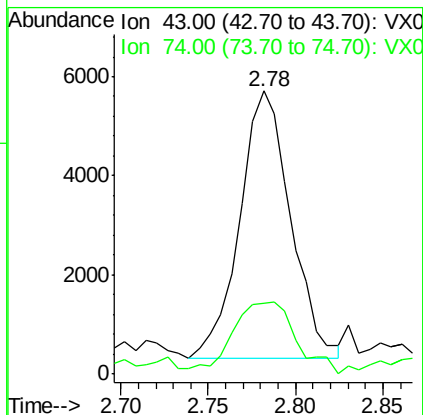
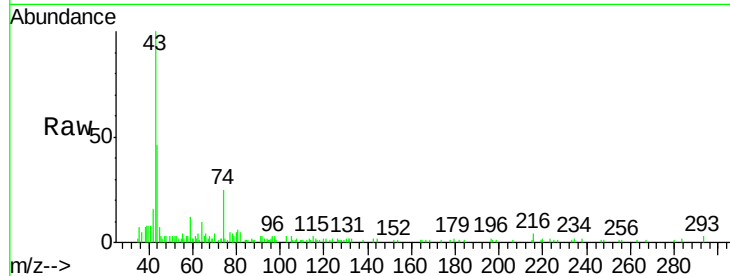
S32-0648

Tot Ion: 43 Resp: 10940

Ion Ratio Lower Upper

43 100

74 29.5 18.6 28.0#



#21

trans-1,2-Dichloroethene

Concen: 1.350 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006921.D

Acq: 04 Jan 2019 18:44

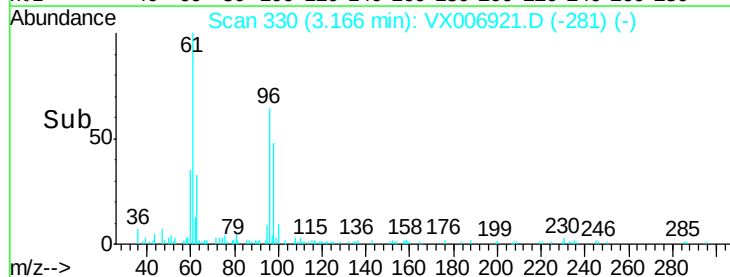
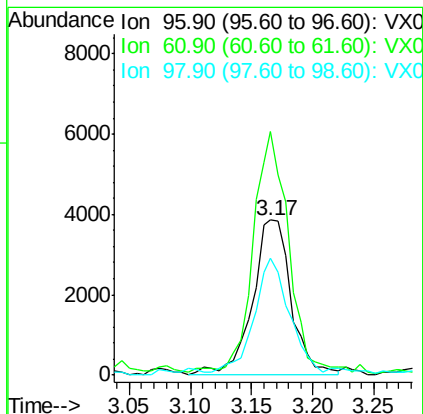
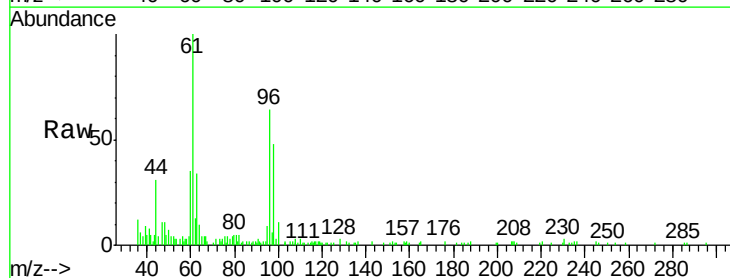
Tgt Ion: 96 Resp: 8581

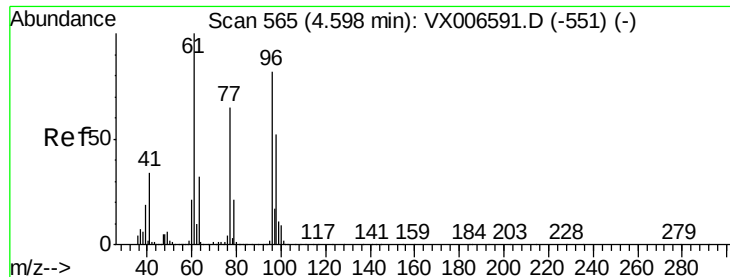
Ion Ratio Lower Upper

96 100

61 155.0 103.7 155.5

98 71.1 51.0 76.6



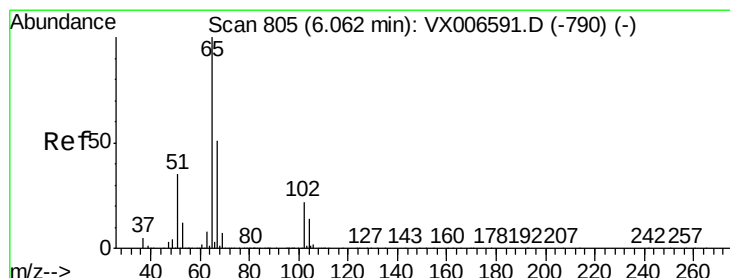
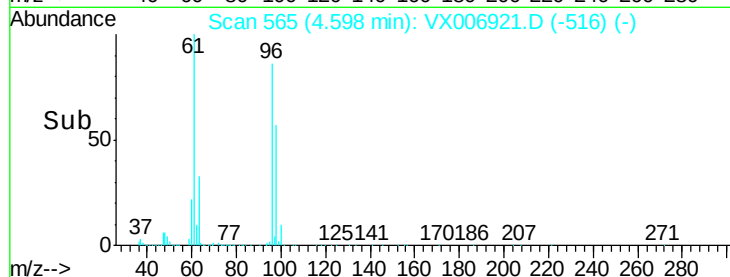
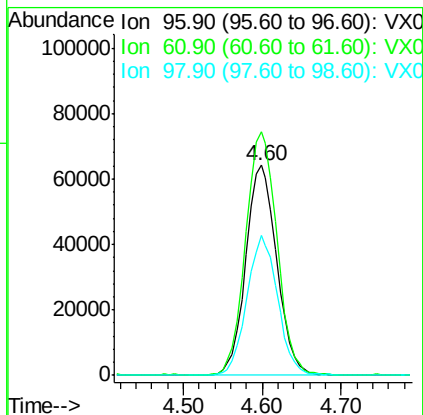
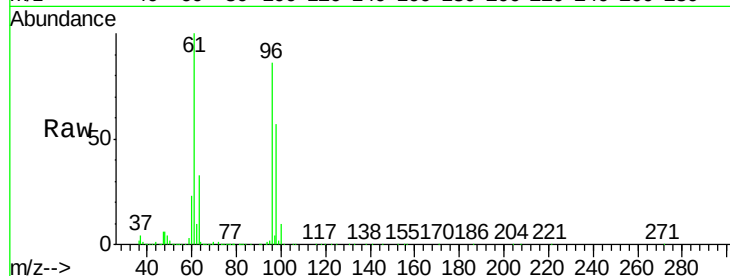


#27

cis-1,2-Dichloroethene
Concen: 25.037 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006921.D
Acq: 04 Jan 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0648

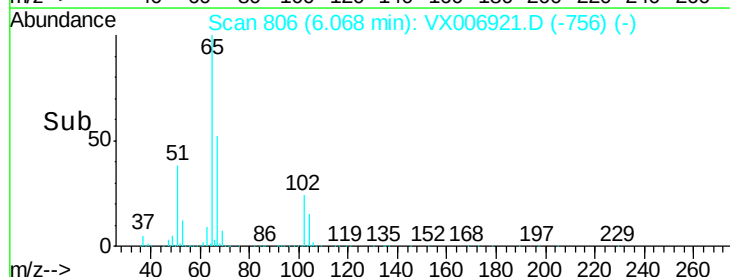
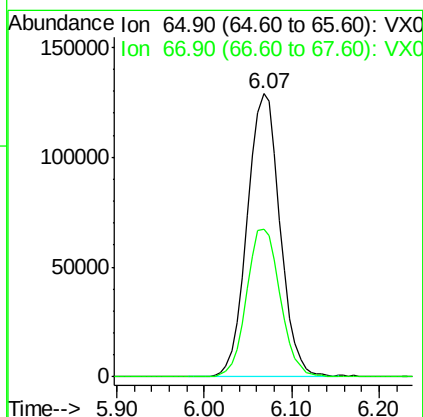
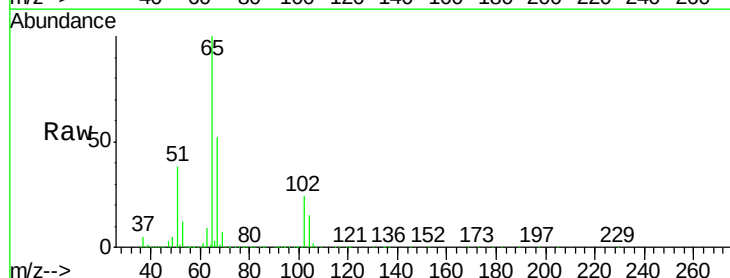
Tot Ion	Ratio	Lower	Upper
96	100		
61	117.5	0.0	258.6
98	66.0	0.0	132.0

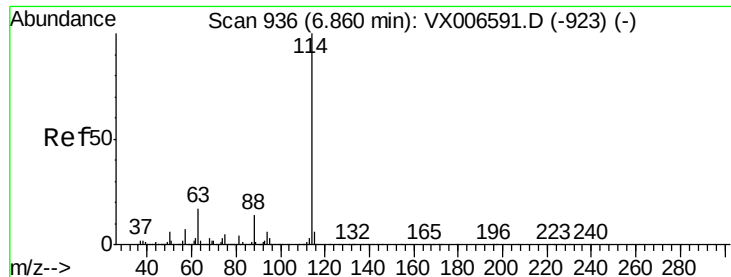


#33

1,2-Dichloroethane-d4
Concen: 48.517 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006921.D
Acq: 04 Jan 2019 18:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006921.D

Acq: 04 Jan 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

S32-0648

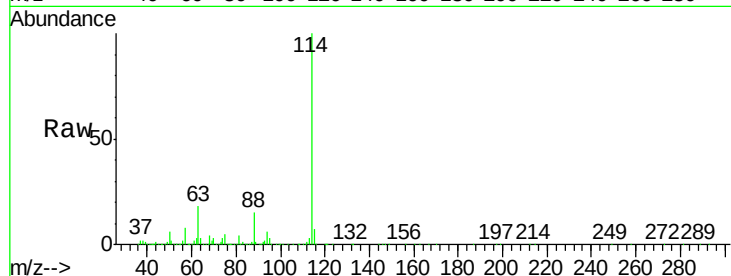
Tot Ion:114 Resp: 980042

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

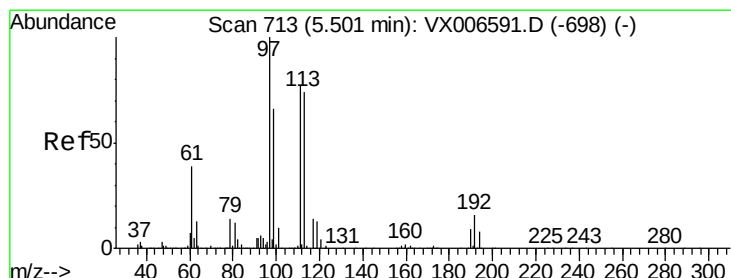
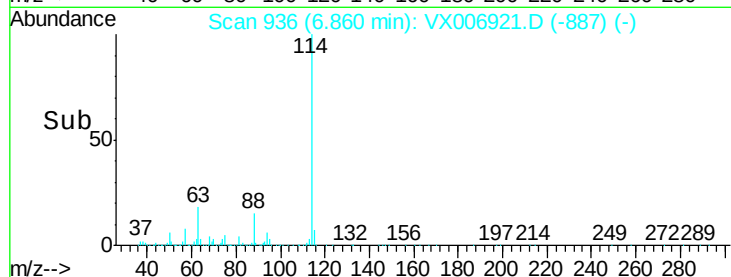
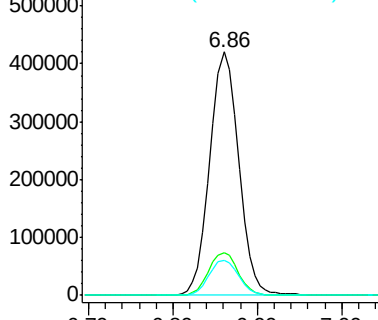
88 14.5 0.0 28.8



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: 48.889 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006921.D

Acq: 04 Jan 2019 18:44

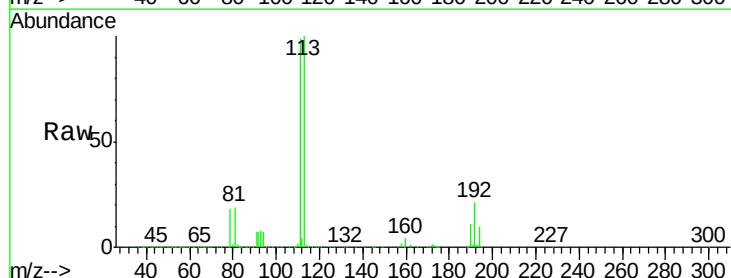
Tgt Ion:113 Resp: 302994

Ion Ratio Lower Upper

113 100

111 99.9 81.6 122.4

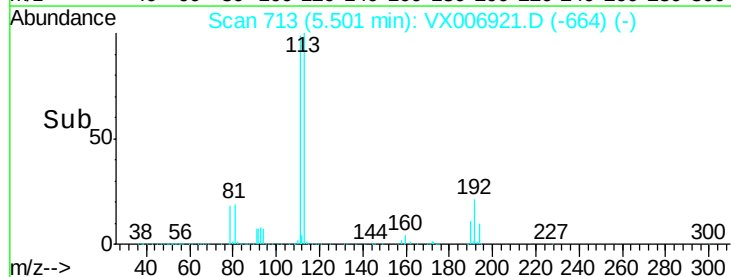
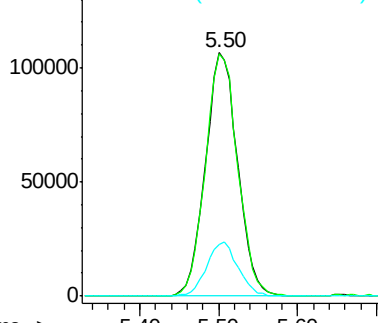
192 21.8 16.7 25.1

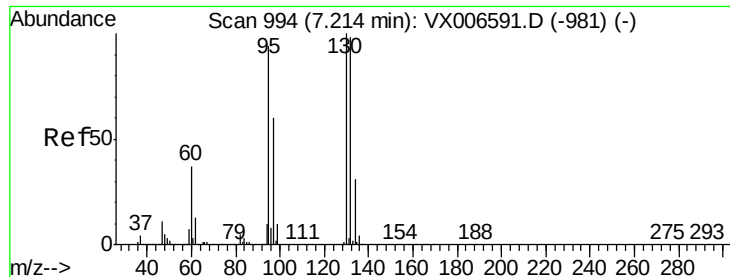


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 5.114 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006921.D

Acq: 04 Jan 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

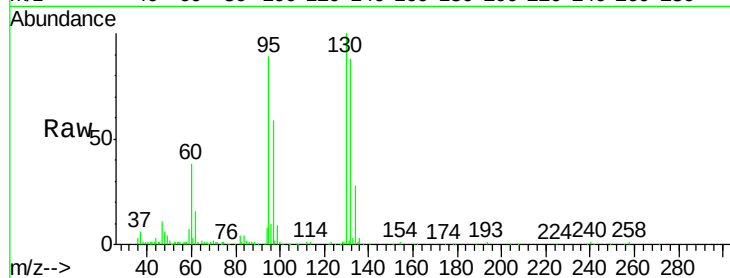
S32-0648

Tot Ion:130 Resp: 38192

Ion Ratio Lower Upper

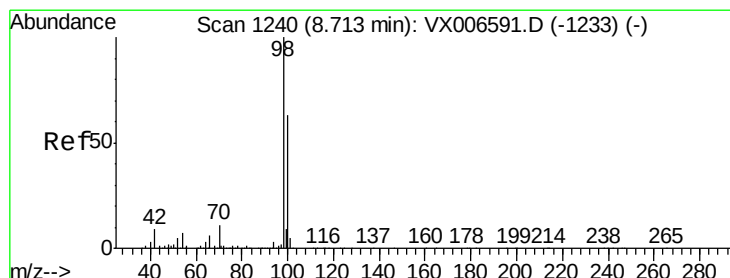
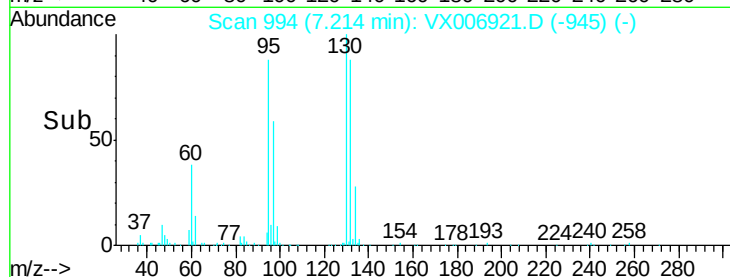
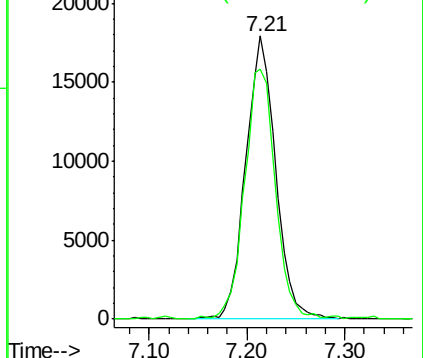
130 100

95 88.6 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: 49.808 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006921.D

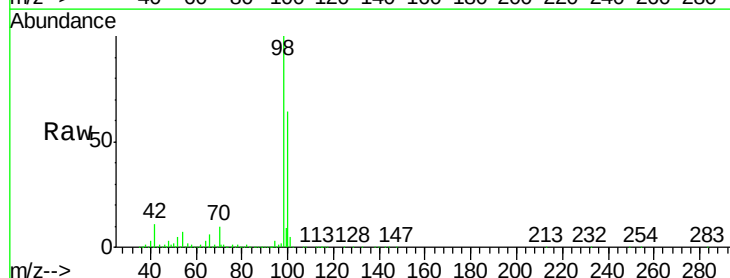
Acq: 04 Jan 2019 18:44

Tgt Ion: 98 Resp: 1163769

Ion Ratio Lower Upper

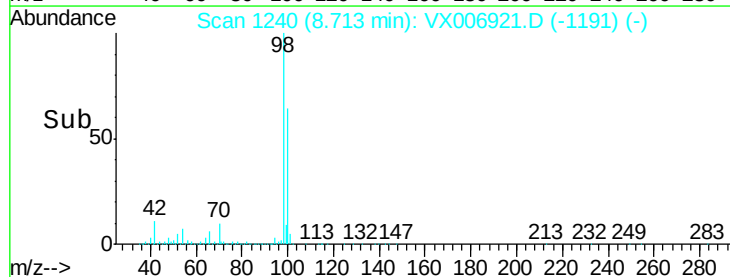
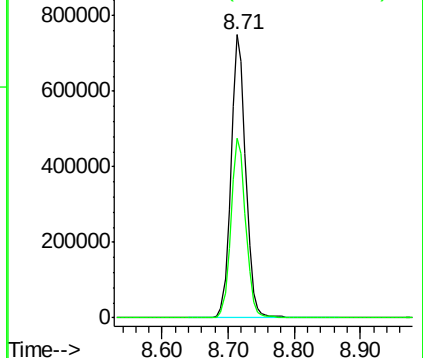
98 100

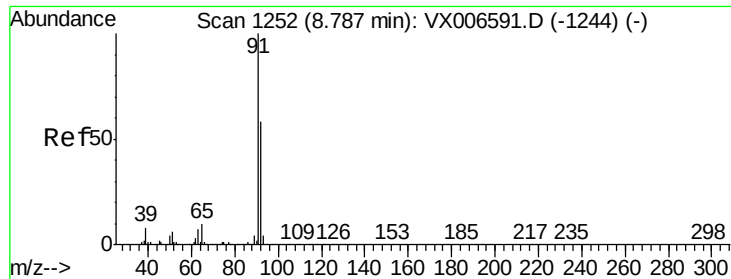
100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.314 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006921.D

Acq: 04 Jan 2019 18:44

Instrument :

MSVOA_X

ClientSampleId :

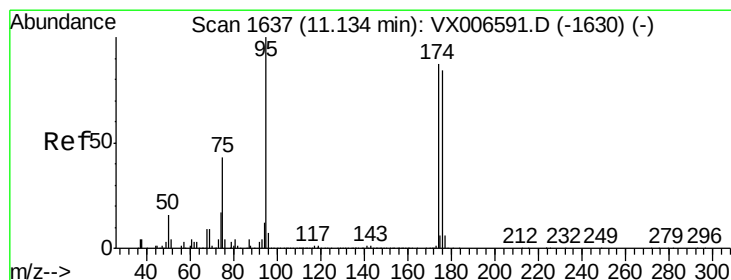
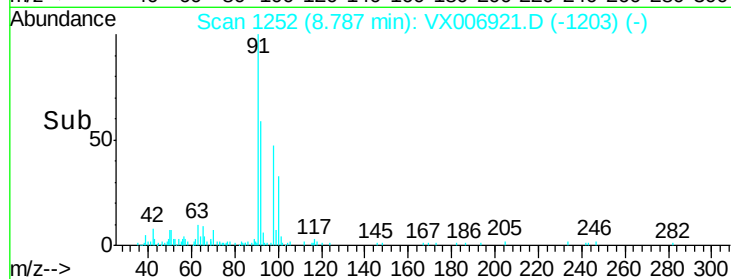
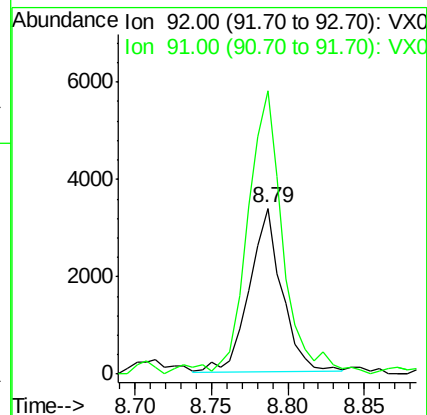
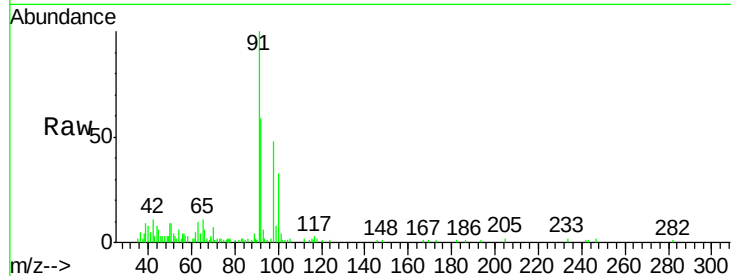
S32-0648

Tot Ion: 92 Resp: 5008

Ion Ratio Lower Upper

92 100

91 184.7 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 48.138 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006921.D

Acq: 04 Jan 2019 18:44

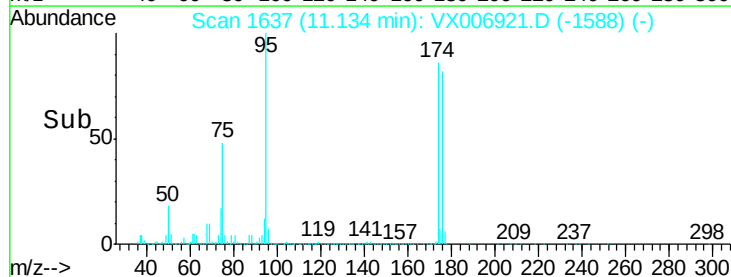
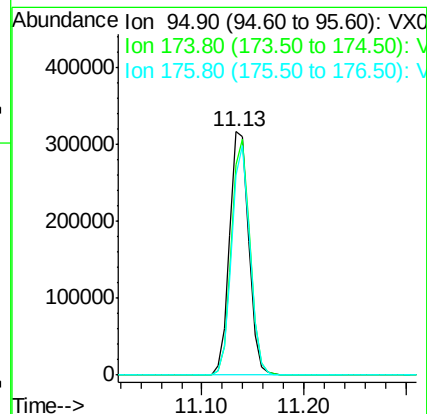
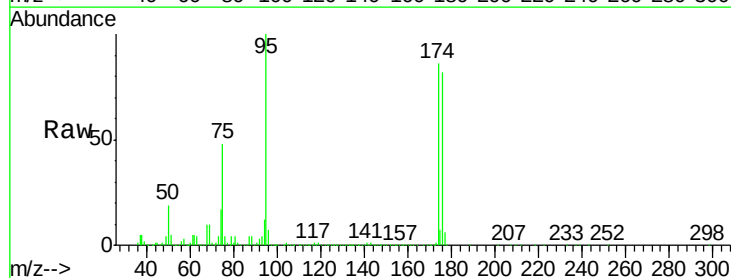
Tgt Ion: 95 Resp: 411932

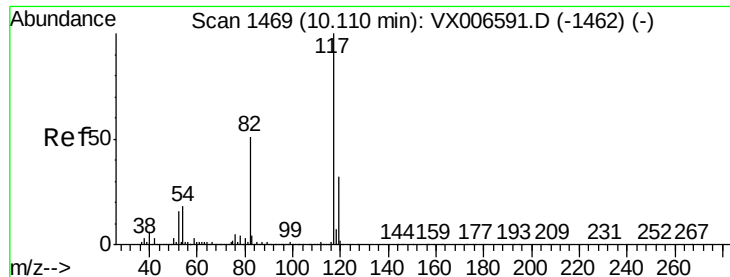
Ion Ratio Lower Upper

95 100

174 93.1 0.0 182.2

176 89.3 0.0 178.8

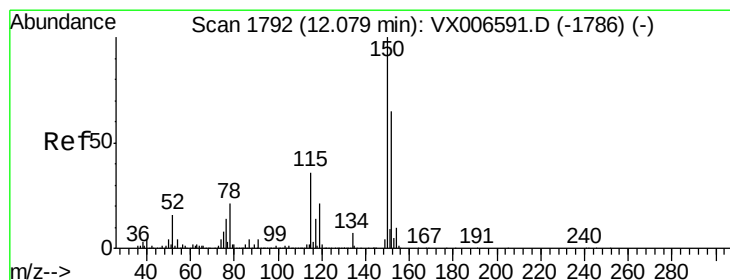
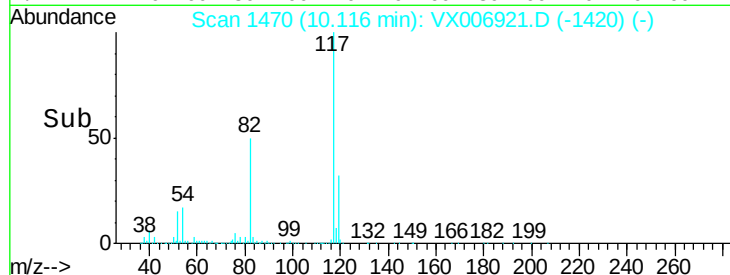
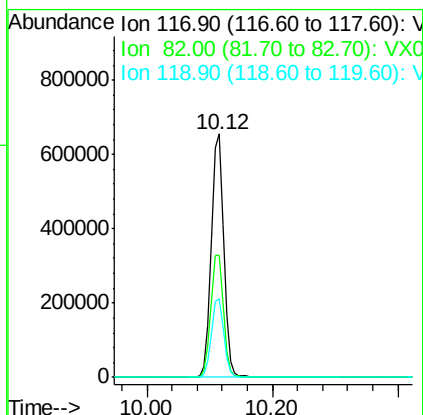
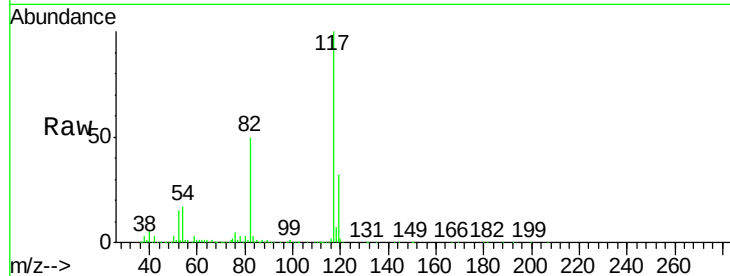




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006921.D
Acq: 04 Jan 2019 18:44

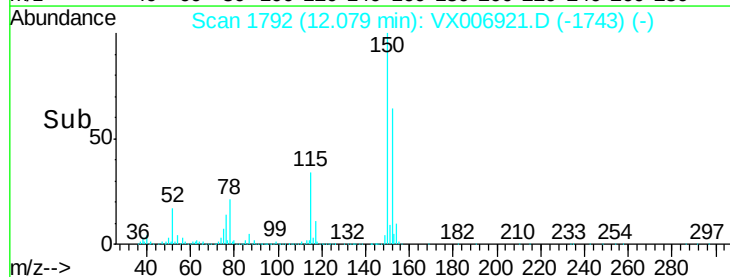
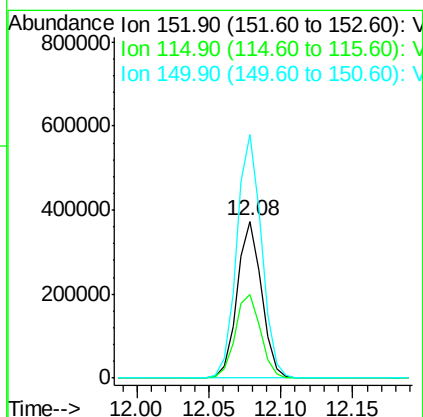
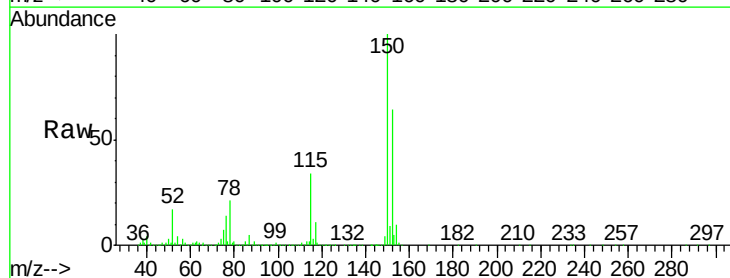
Instrument :
MSVOA_X
ClientSampled :
S32-0648

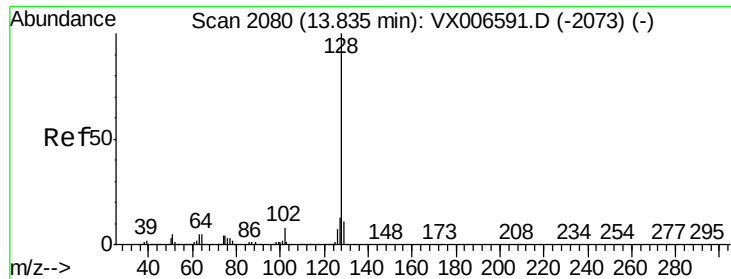
Tot Ion:117 Resp: 907624
Ion Ratio Lower Upper
117 100
82 50.0 41.0 61.6
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006921.D
Acq: 04 Jan 2019 18:44

Tgt Ion:152 Resp: 439404
Ion Ratio Lower Upper
152 100
115 56.1 39.1 117.2
150 158.5 0.0 344.8

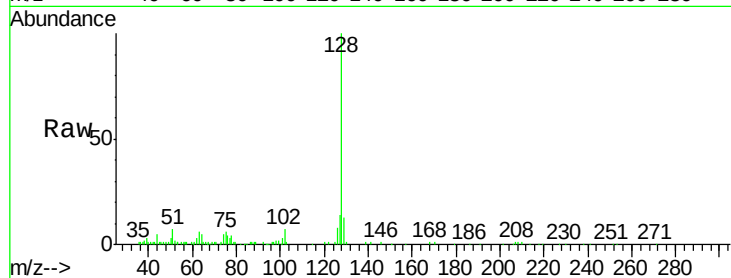




#95
Naphthalene
Concen: 0.686 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006921.D
Acq: 04 Jan 2019 18:44

Instrument :
MSVOA_X
ClientSampleId :
S32-0648

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.1	15.1
129	12.8	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

