

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006904.D
 Acq On : 03 Jan 2019 19:25
 Operator : JC/MD
 Sample : K1032-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645

Quant Time: Jan 04 01:50:10 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

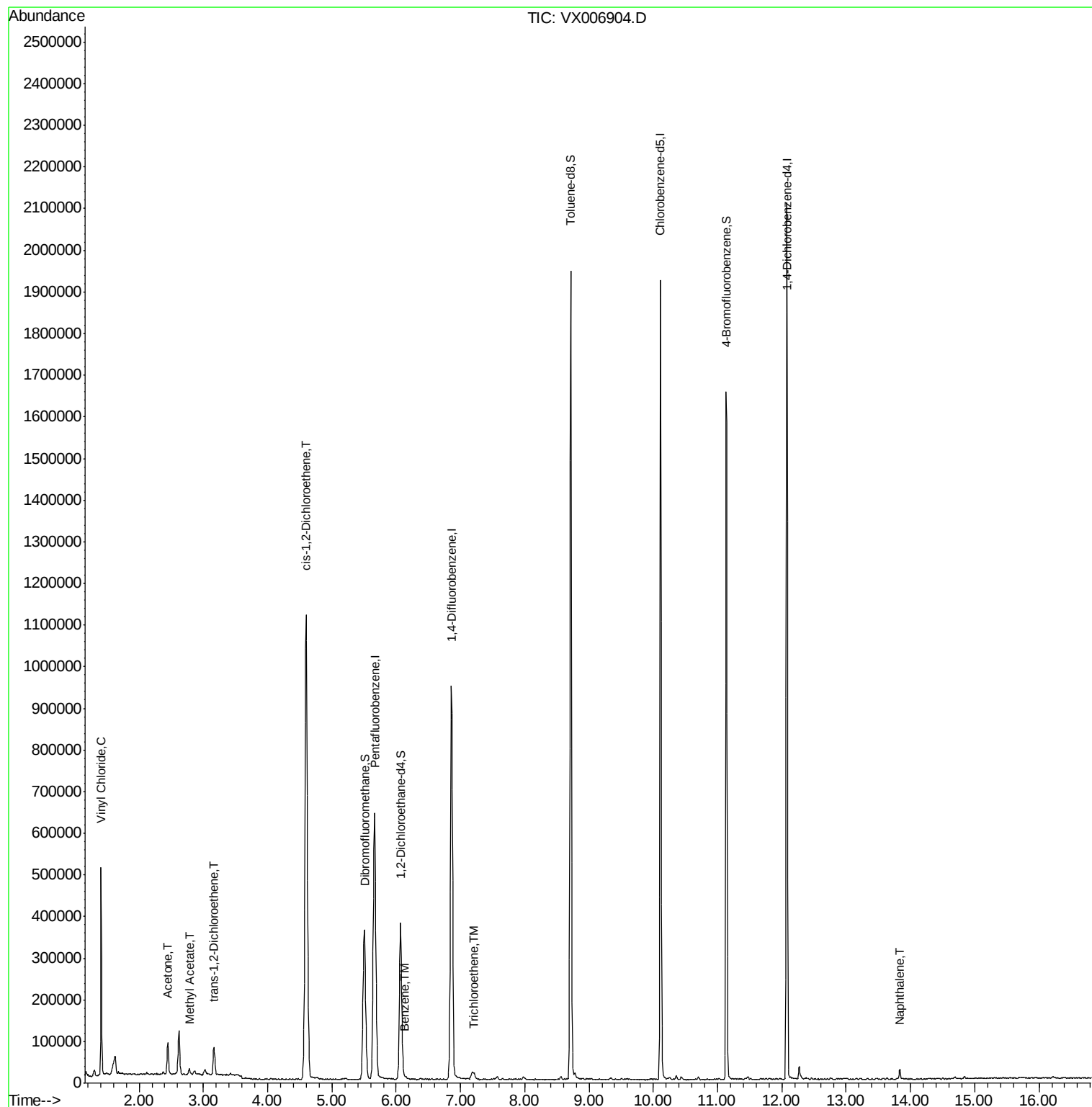
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	667374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1021962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	926654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	448129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	345879	48.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.18%	
35) Dibromofluoromethane	5.50	113	309270	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
50) Toluene-d8	8.71	98	1196281	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.13	95	429420	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	299261	43.563	ug/l	98
16) Acetone	2.45	43	81410	24.636	ug/l	95
18) Methyl Acetate	2.78	43	17175	1.768	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	28412	4.300	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	743920	102.056	ug/l	92
40) Benzene	6.14	78	6688	0.260	ug/l #	90
44) Trichloroethene	7.21	130	5018	0.644	ug/l	83
95) Naphthalene	13.83	128	16065	0.488	ug/l #	96

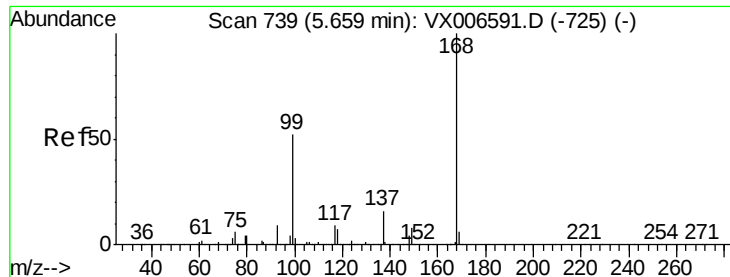
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010319\
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S32-0645

Quant Time: Jan 04 01:50:10 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: VX006904.D

Acq: 03 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

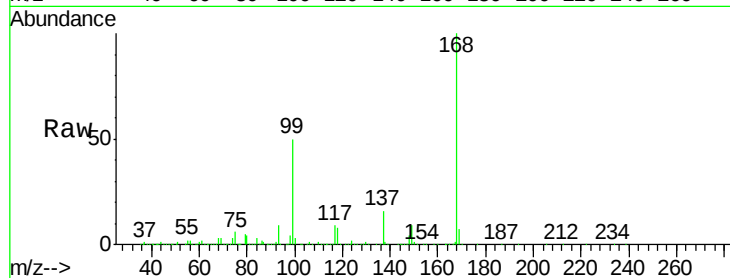
S32-0645

Tot Ion:168 Resp: 667374

Ion Ratio Lower Upper

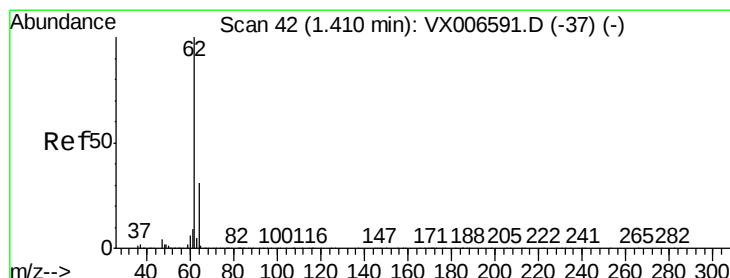
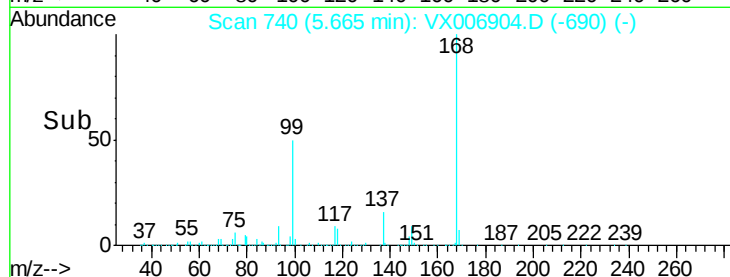
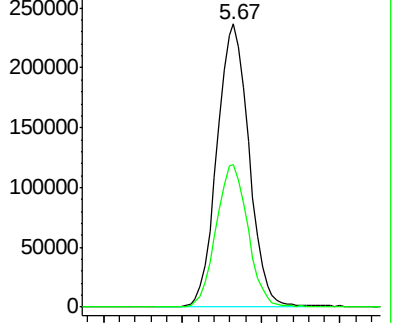
168 100

99 50.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 43.563 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006904.D

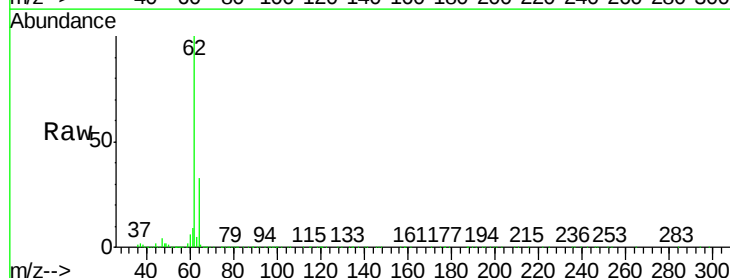
Acq: 03 Jan 2019 19:25

Tgt Ion: 62 Resp: 299261

Ion Ratio Lower Upper

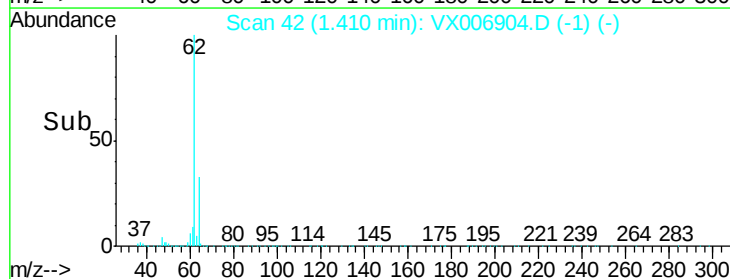
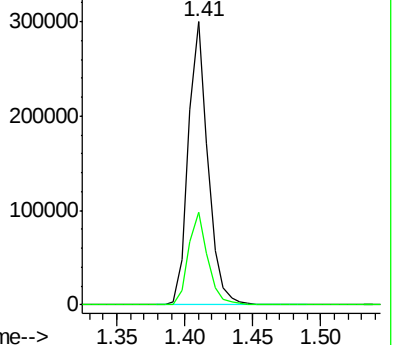
62 100

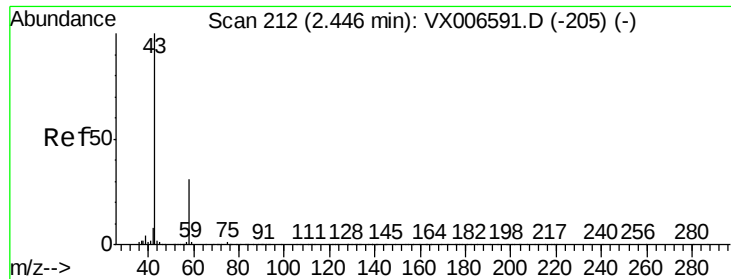
64 32.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 24.636 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006904.D

Acq: 03 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampled :

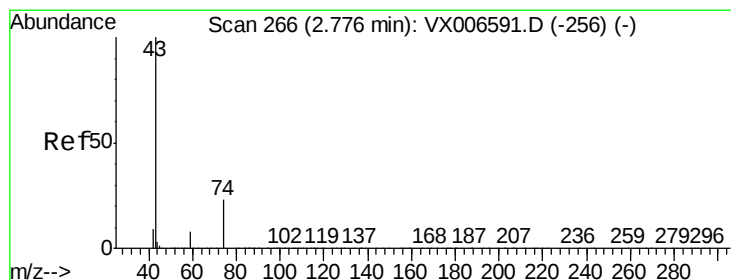
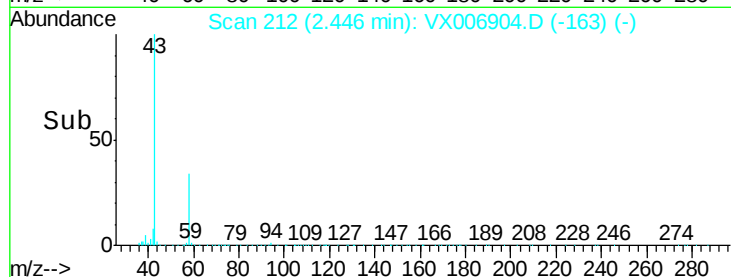
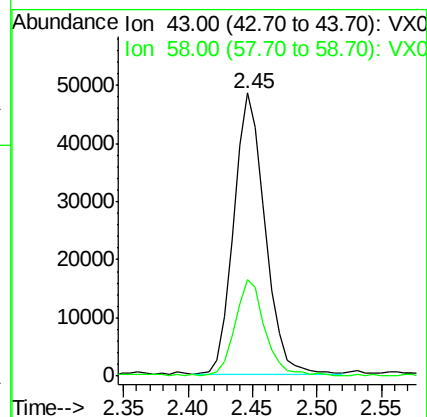
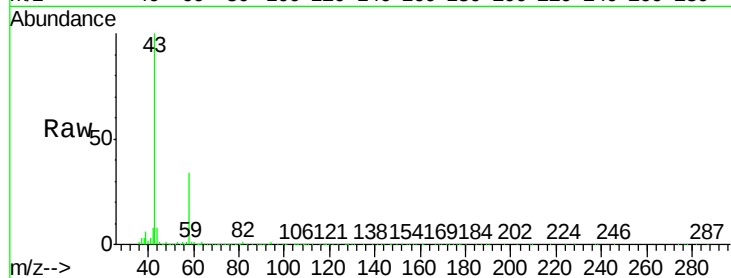
S32-0645

Tot Ion: 43 Resp: 81410

Ion Ratio Lower Upper

43 100

58 33.9 25.0 37.6



#18

Methyl Acetate

Concen: 1.768 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006904.D

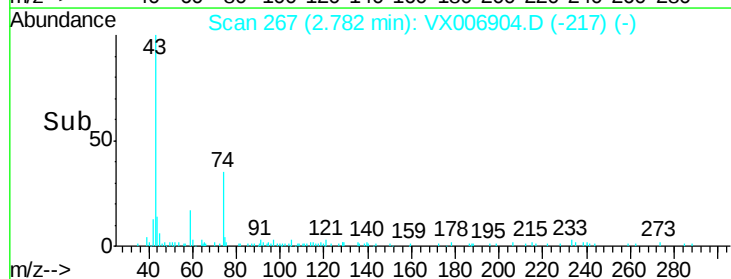
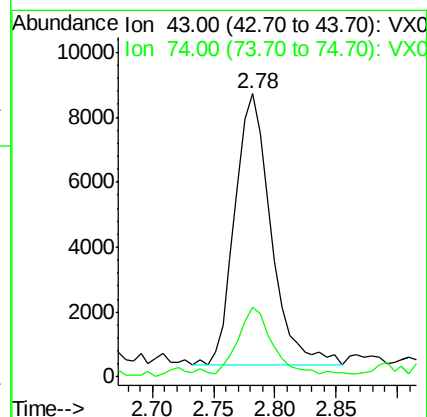
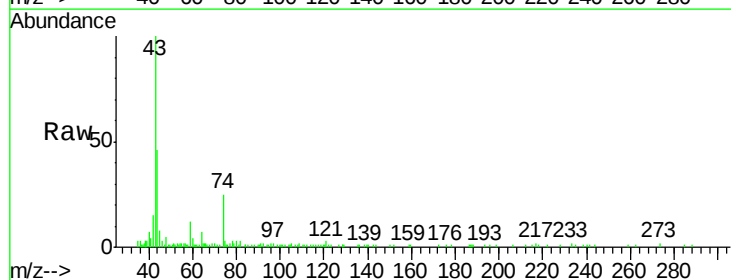
Acq: 03 Jan 2019 19:25

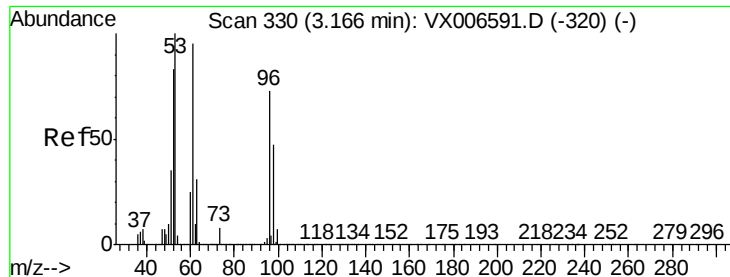
Tgt Ion: 43 Resp: 17175

Ion Ratio Lower Upper

43 100

74 22.7 18.6 28.0





#21

trans-1,2-Dichloroethene

Concen: 4.300 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006904.D

Acq: 03 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampled :

S32-0645

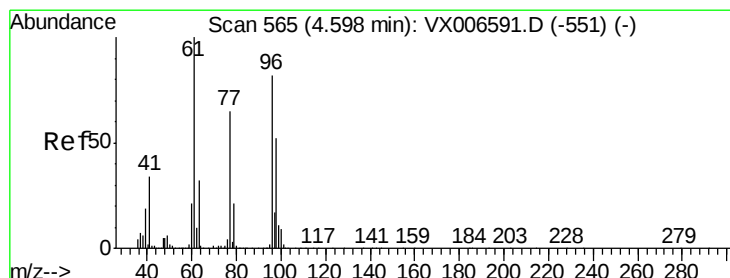
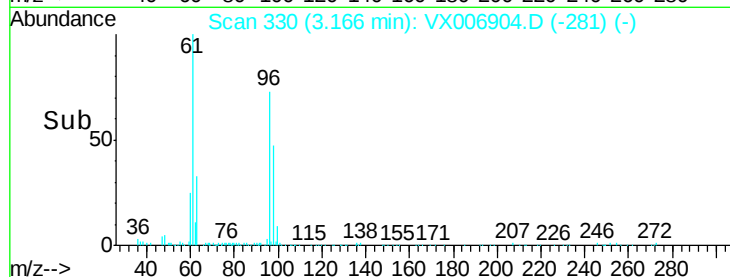
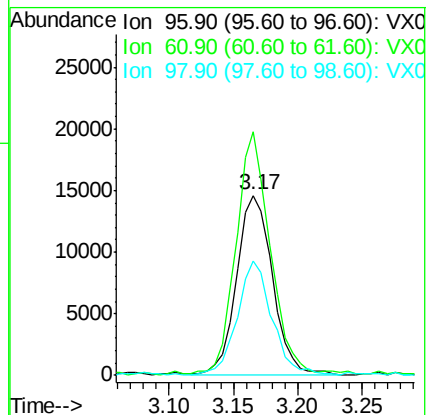
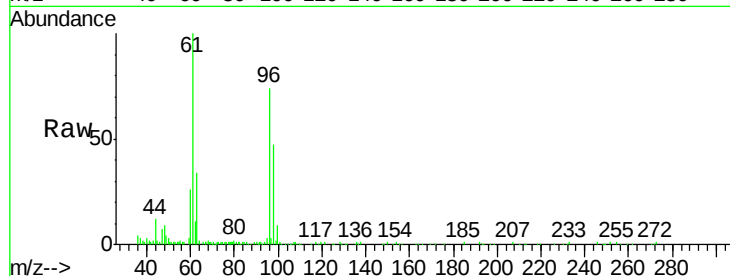
Tot Ion: 96 Resp: 28412

Ion Ratio Lower Upper

96 100

61 134.5 103.7 155.5

98 63.9 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 102.056 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006904.D

Acq: 03 Jan 2019 19:25

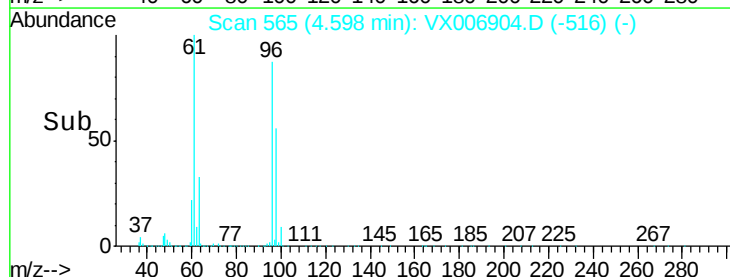
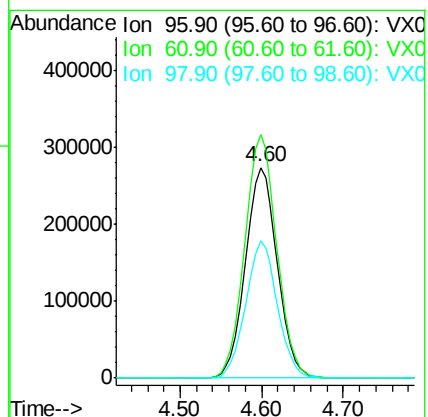
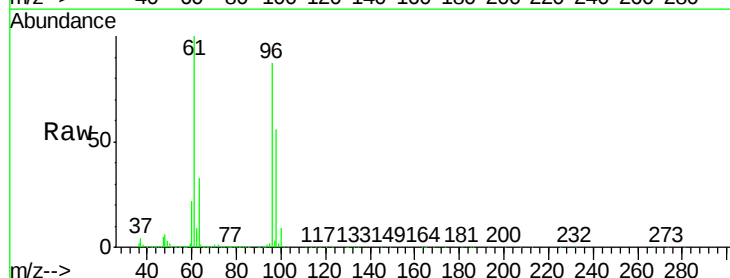
Tgt Ion: 96 Resp: 743920

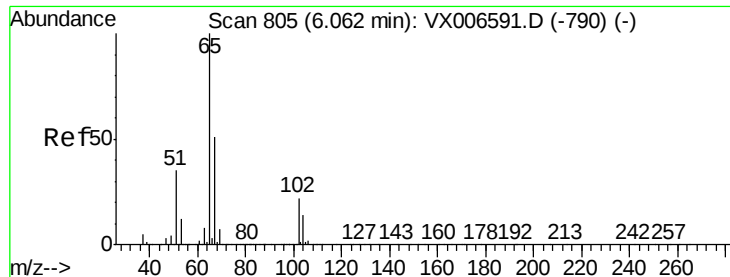
Ion Ratio Lower Upper

96 100

61 116.2 0.0 258.6

98 64.7 0.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 48.088 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006904.D

Acq: 03 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampled :

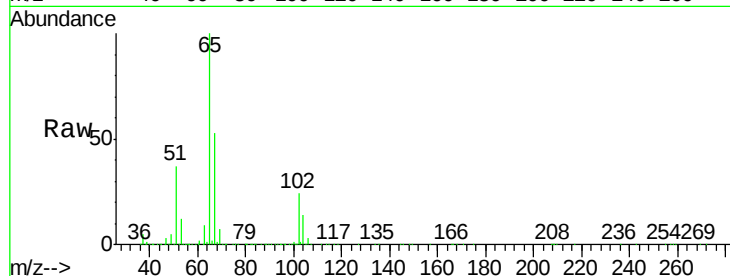
S32-0645

Tot Ion: 65 Resp: 345879

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

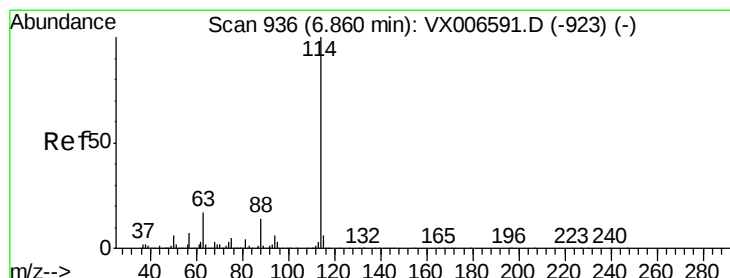
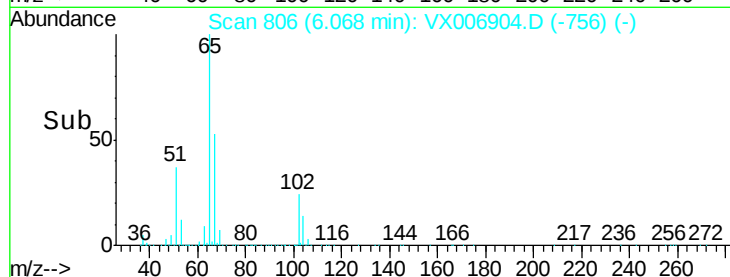
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006904.D

Acq: 03 Jan 2019 19:25

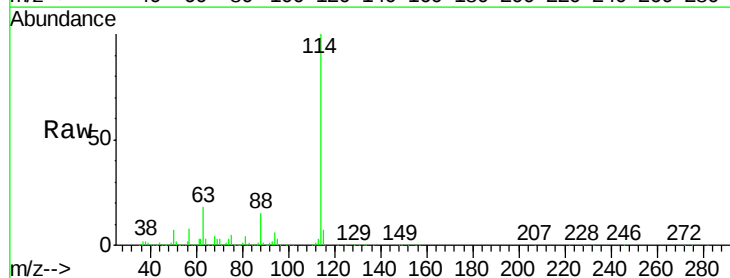
Tgt Ion: 114 Resp: 1021962

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

88 15.4 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

600000

500000

400000

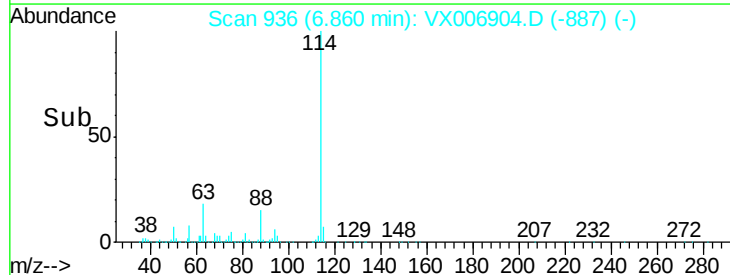
300000

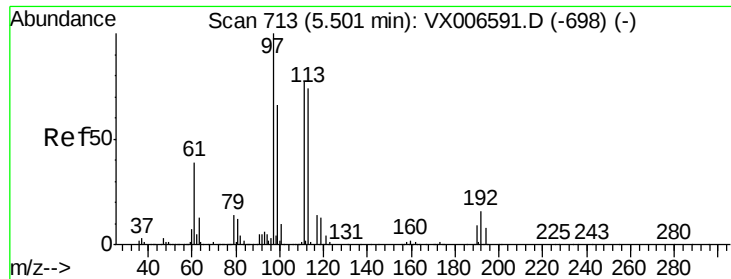
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 47.855 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006904.D

Acq: 03 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

S32-0645

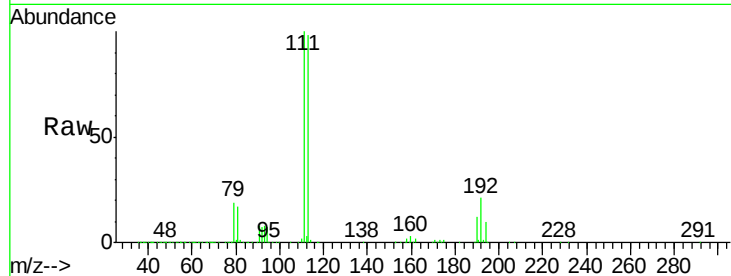
Tot Ion:113 Resp: 309270

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

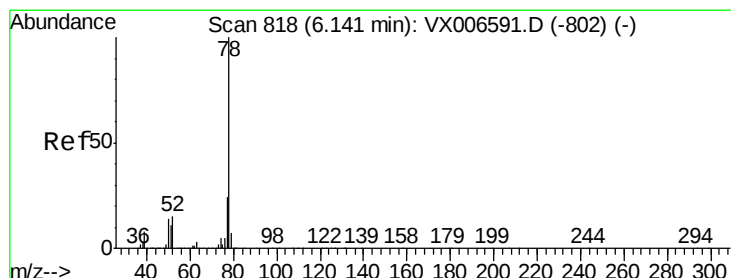
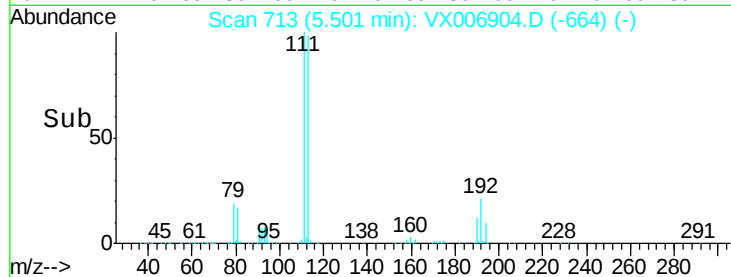
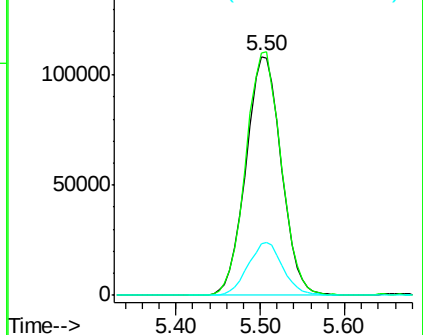
192 21.8 16.7 25.1



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



#40

Benzene

Concen: 0.260 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX006904.D

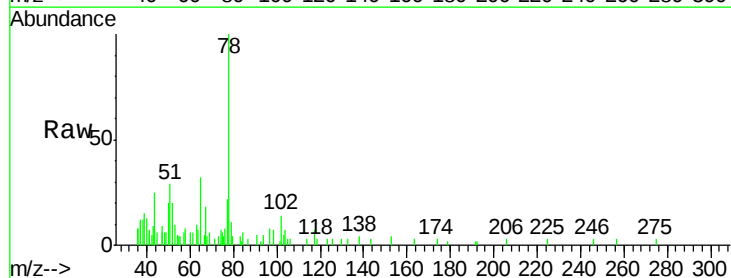
Acq: 03 Jan 2019 19:25

Tgt Ion: 78 Resp: 6688

Ion Ratio Lower Upper

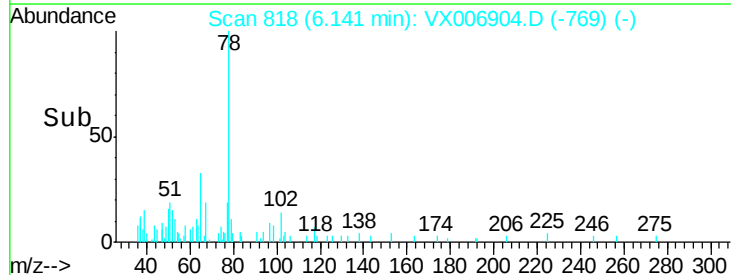
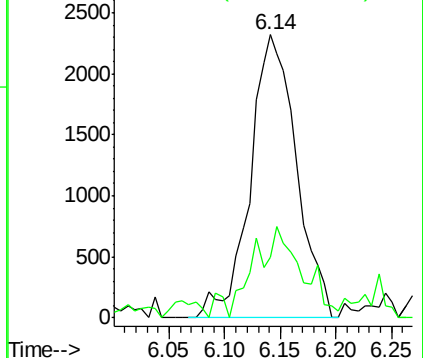
78 100

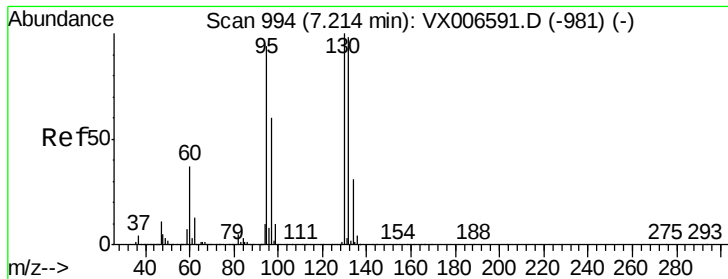
77 19.1 19.2 28.8#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#44

Trichloroethene

Concen: 0.644 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006904.D

Acq: 03 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

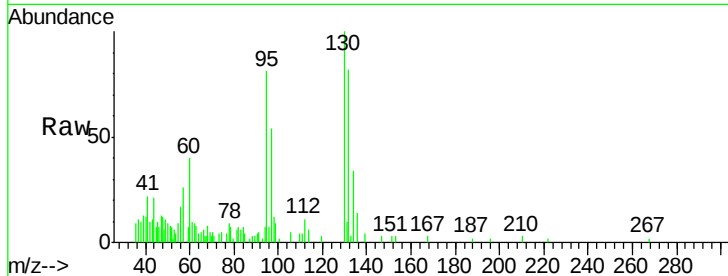
S32-0645

Tot Ion:130 Resp: 5018

Ion Ratio Lower Upper

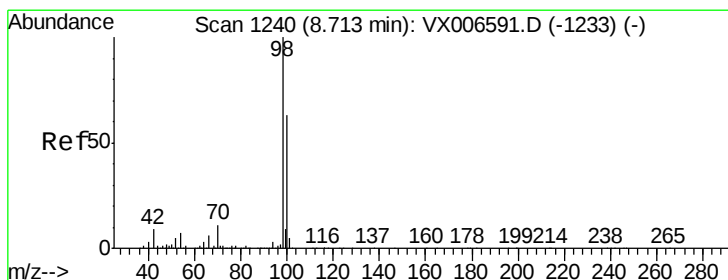
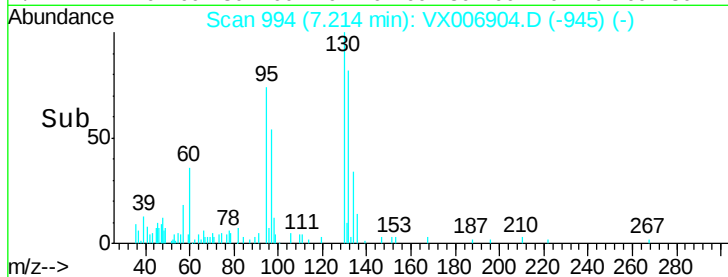
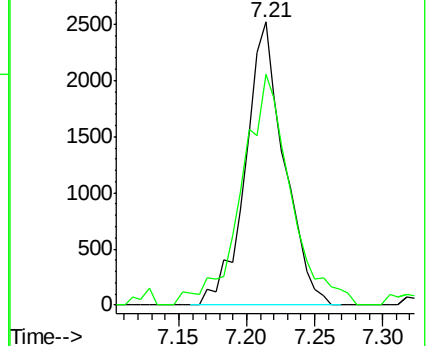
130 100

95 77.2 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: 49.099 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006904.D

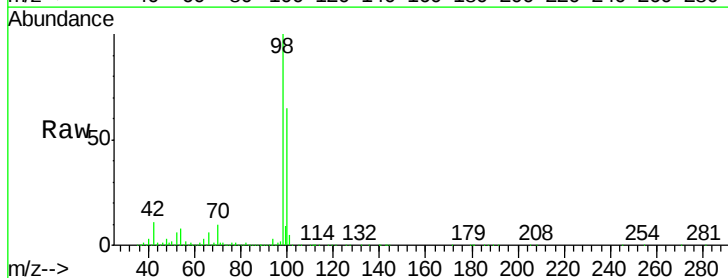
Acq: 03 Jan 2019 19:25

Tgt Ion: 98 Resp: 1196281

Ion Ratio Lower Upper

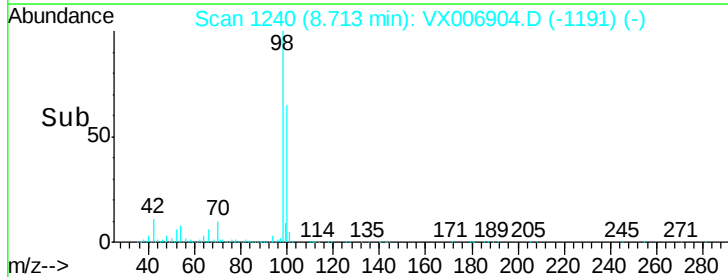
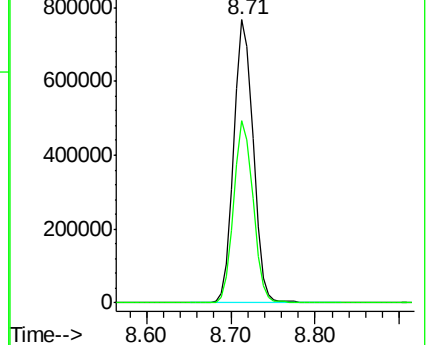
98 100

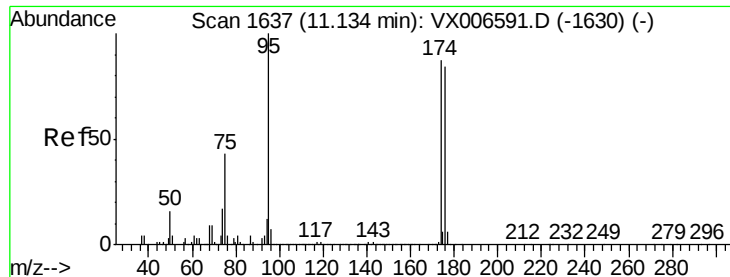
100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

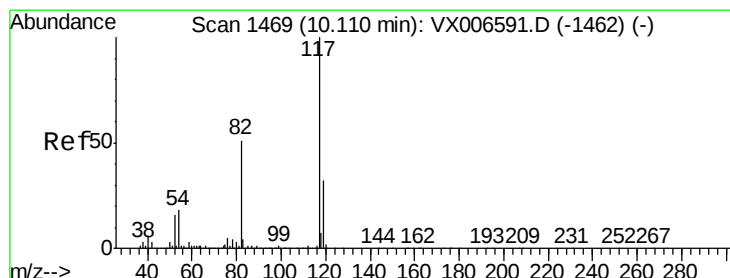
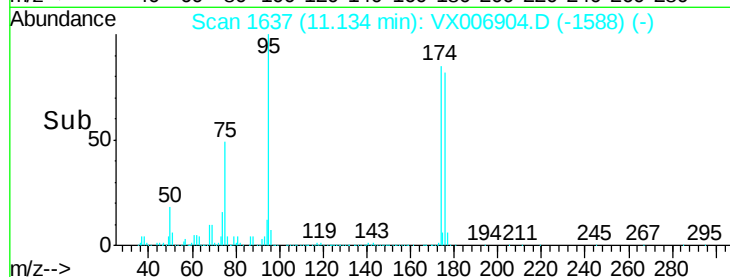
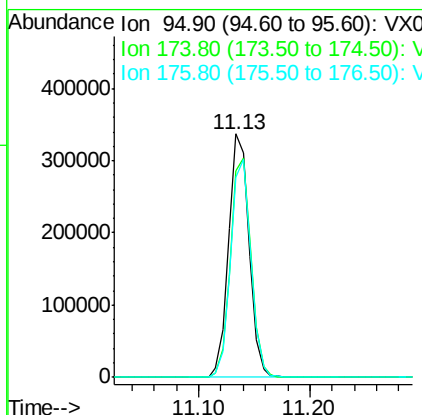
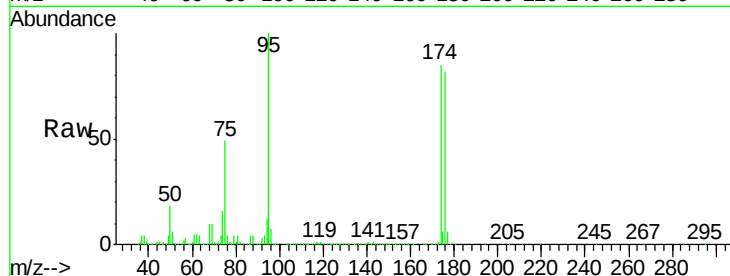




#62
4-Bromofluorobenzene
Concen: 48.123 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006904.D
Acq: 03 Jan 2019 19:25

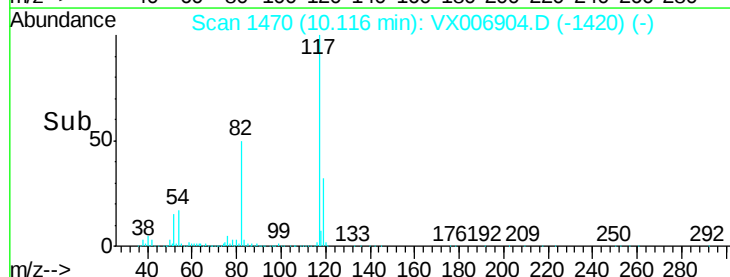
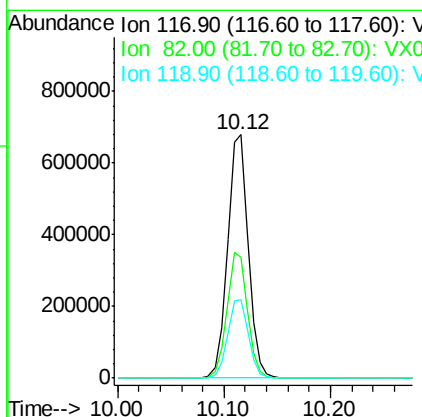
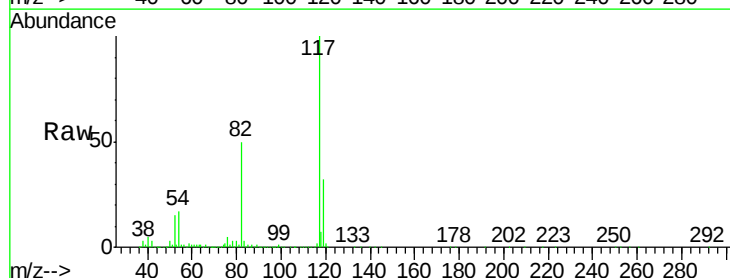
Instrument :
MSVOA_X
ClientSampleId :
S32-0645

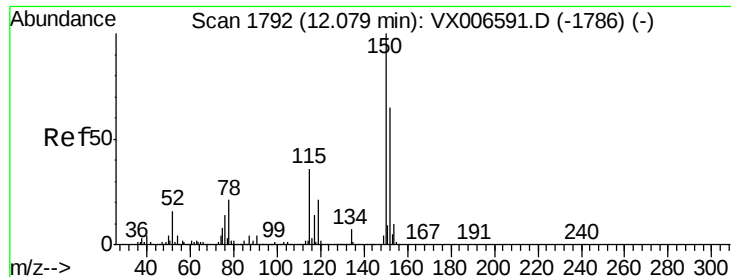
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	182.2
176	88.6	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006904.D
Acq: 03 Jan 2019 19:25

Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.0	61.6
119	32.1	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: VX006904.D

Acq: 03 Jan 2019 19:25

Instrument :

MSVOA_X

ClientSampleId :

S32-0645

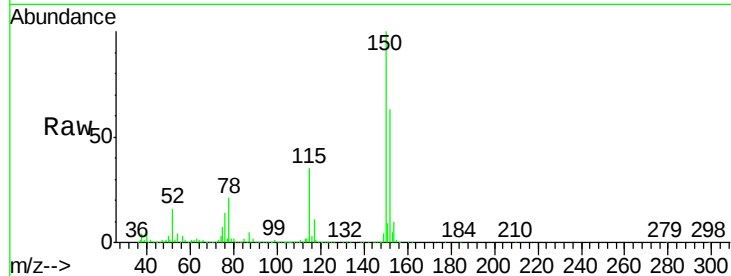
Tot Ion:152 Resp: 448129

Ion Ratio Lower Upper

152 100

115 55.9 39.1 117.2

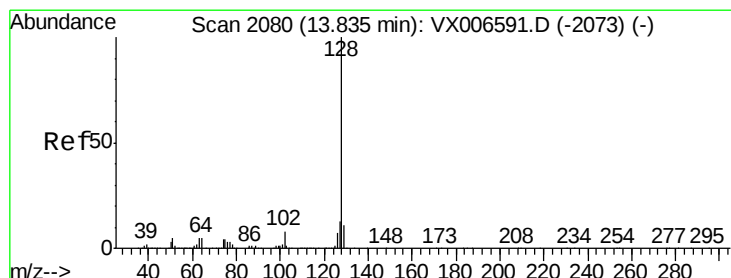
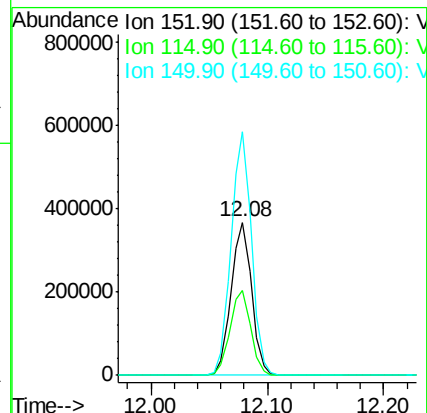
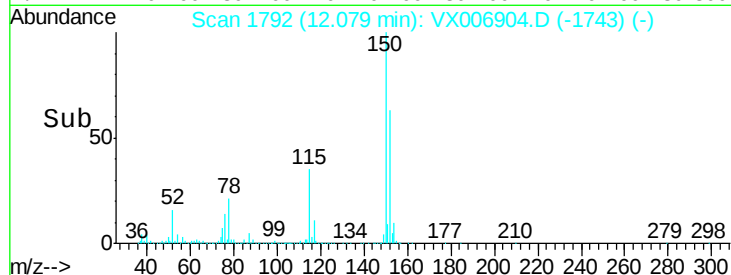
150 158.0 0.0 344.8



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: 0.488 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006904.D

Acq: 03 Jan 2019 19:25

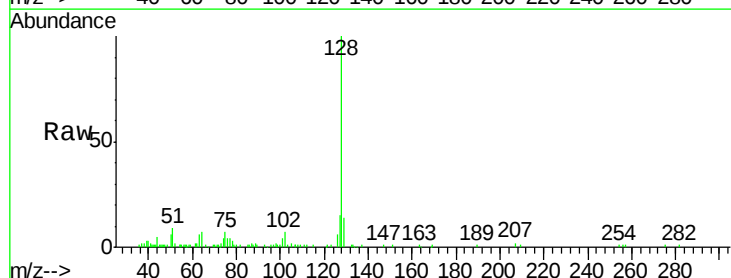
Tgt Ion:128 Resp: 16065

Ion Ratio Lower Upper

128 100

127 15.5 10.1 15.1#

129 11.2 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

