

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006930.D
 Acq On : 07 Jan 2019 12:48
 Operator : JC/MD
 Sample : K1057-01DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 S32-0651DL

Quant Time: Jan 08 06:54:41 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	622676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	940675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	872836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	432008	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	323918	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
35) Dibromofluoromethane	5.50	113	292284	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	1115574	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	404225	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	

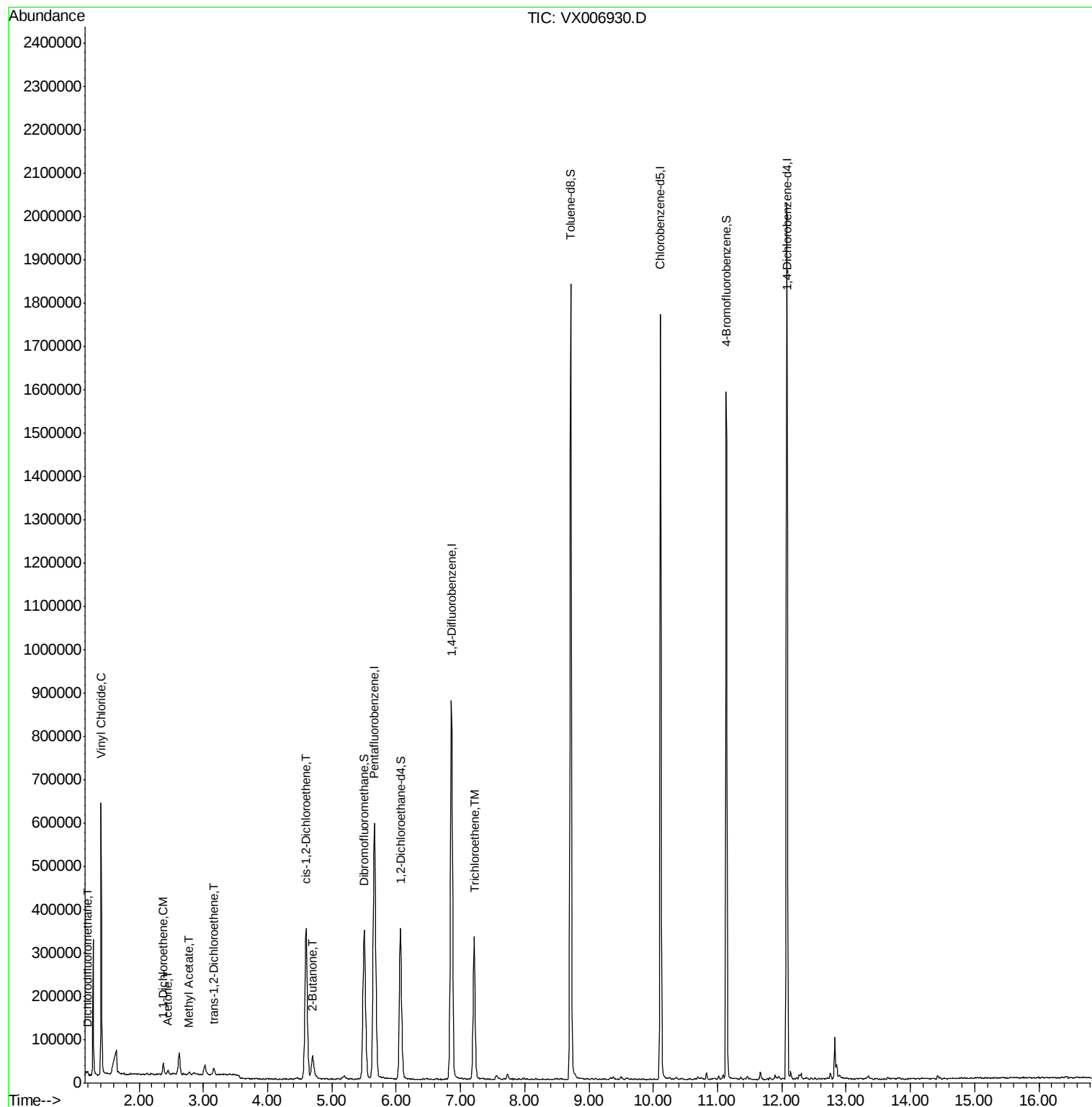
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	5264	0.924	ug/l	97
4) Vinyl Chloride	1.41	62	380468	59.360	ug/l	99
12) 1,1-Dichloroethene	2.37	96	8966	1.612	ug/l	96
16) Acetone	2.45	43	10002	3.244	ug/l #	84
18) Methyl Acetate	2.78	43	5046	0.557	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	6768	1.098	ug/l	96
25) 2-Butanone	4.70	43	93121	21.472	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	234994	34.552	ug/l	92
44) Trichloroethene	7.21	130	133816	18.669	ug/l	97

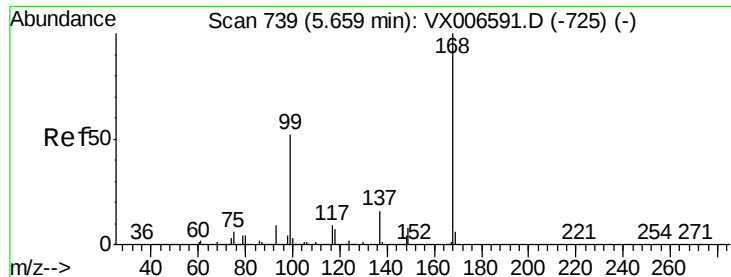
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S32-0651DL

Quant Time: Jan 08 06:54:41 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: VX006930.D

Acq: 07 Jan 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

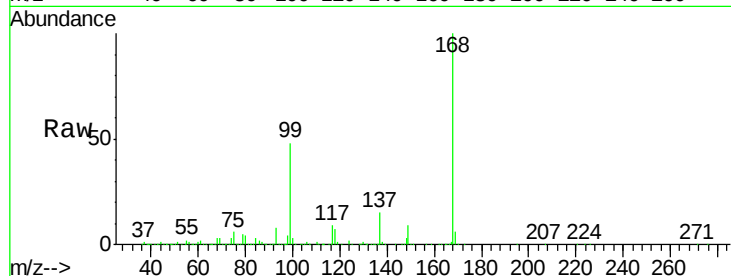
S32-0651DL

Tot Ion:168 Resp: 622676

Ion Ratio Lower Upper

168 100

99 47.6 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

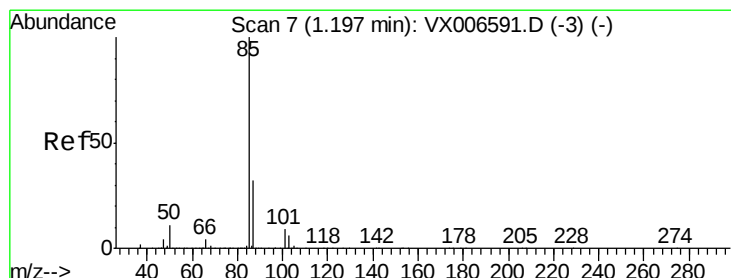
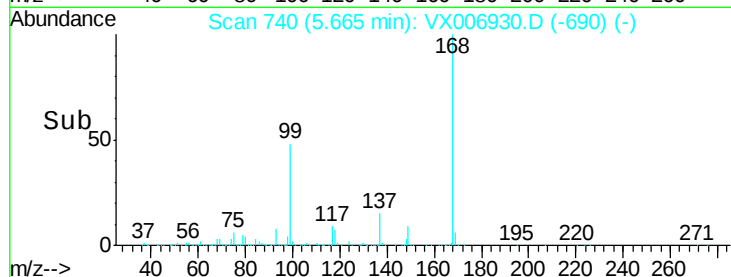
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.924 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006930.D

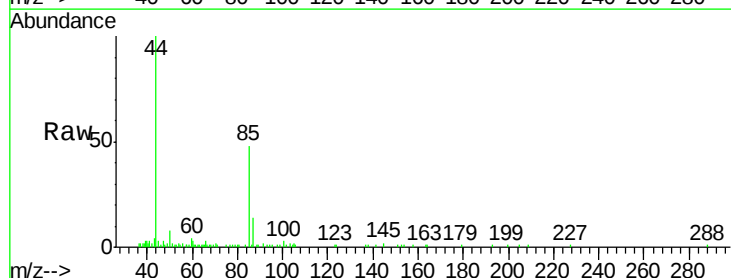
Acq: 07 Jan 2019 12:48

Tgt Ion: 85 Resp: 5264

Ion Ratio Lower Upper

85 100

87 30.2 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

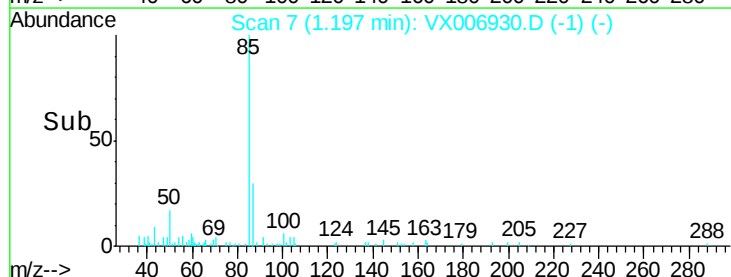
2000

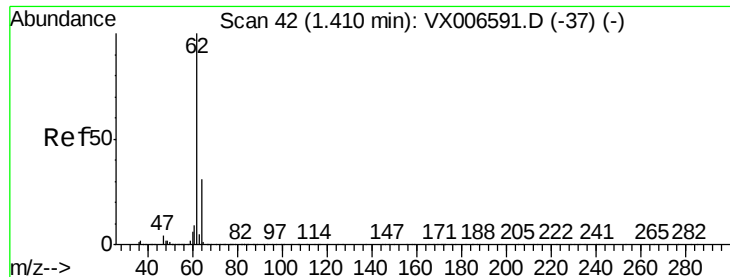
1000

0

Time-->

1.15 1.20 1.25





#4

Vinyl Chloride

Concen: 59.360 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006930.D

Acq: 07 Jan 2019 12:48

Instrument :

MSVOA_X

ClientSampleID :

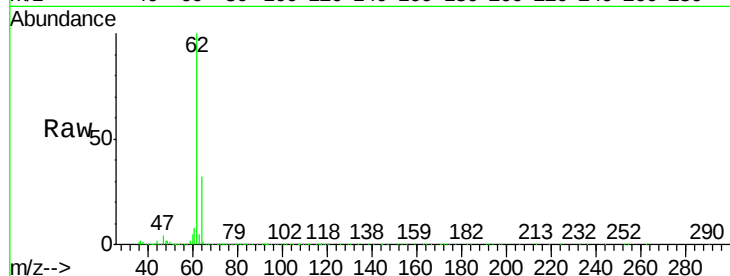
S32-0651DL

Tot Ion: 62 Resp: 380468

Ion Ratio Lower Upper

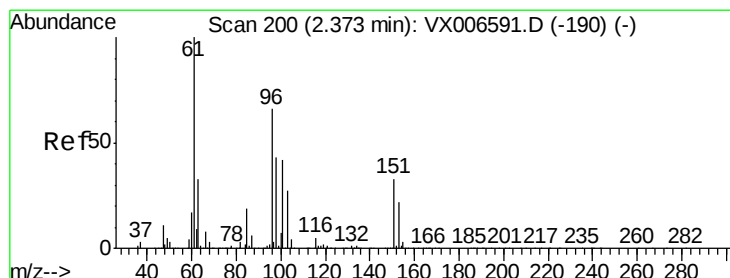
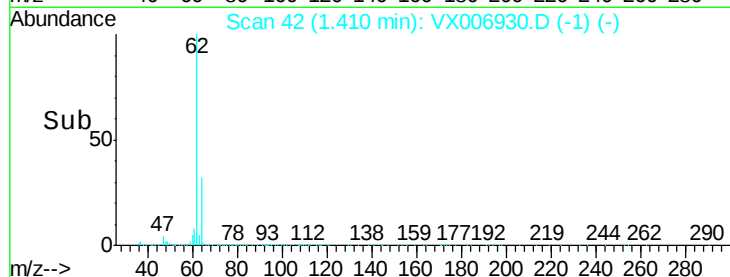
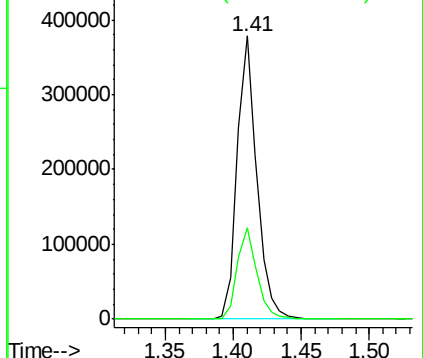
62 100

64 32.2 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#12

1,1-Dichloroethene

Concen: 1.612 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX006930.D

Acq: 07 Jan 2019 12:48

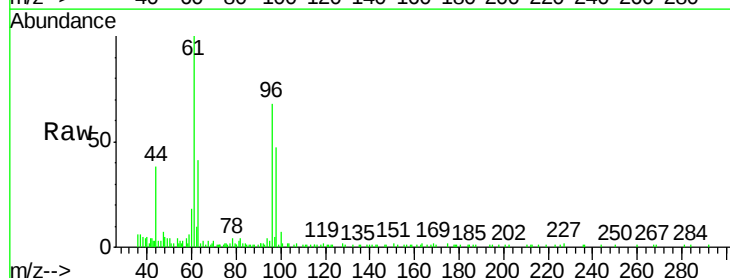
Tgt Ion: 96 Resp: 8966

Ion Ratio Lower Upper

96 100

61 148.7 121.4 182.2

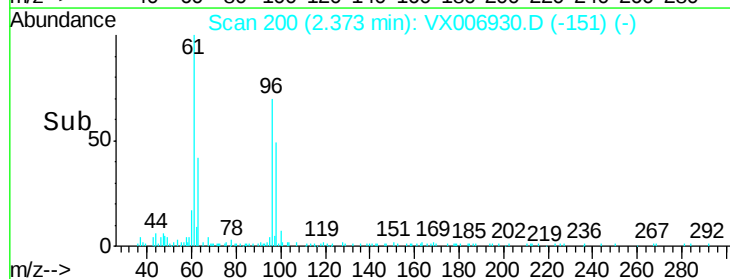
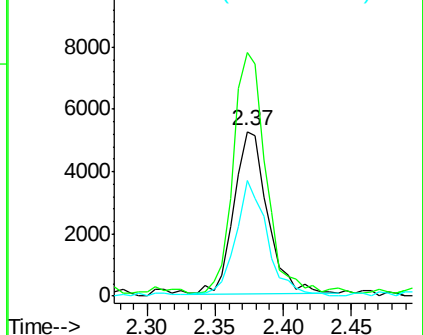
98 71.3 51.9 77.9

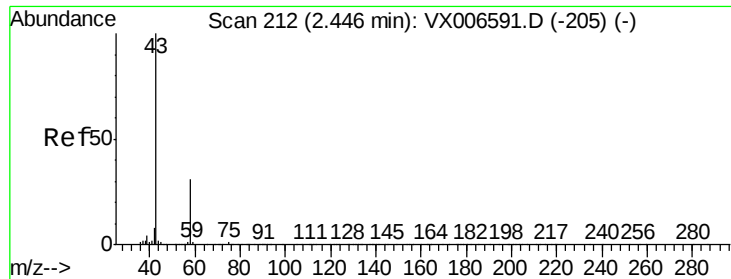


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 3.244 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006930.D

Acq: 07 Jan 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

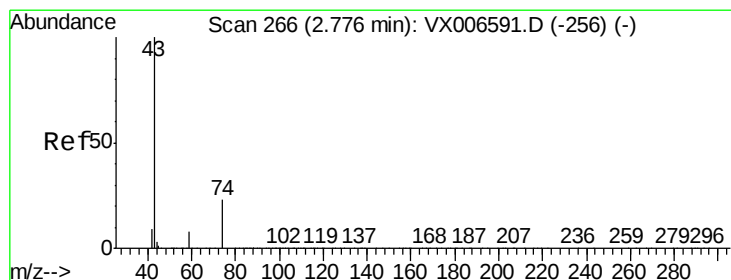
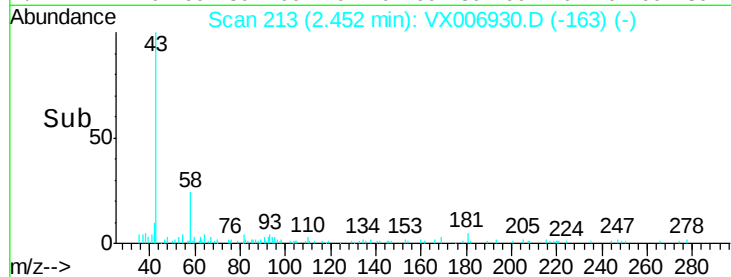
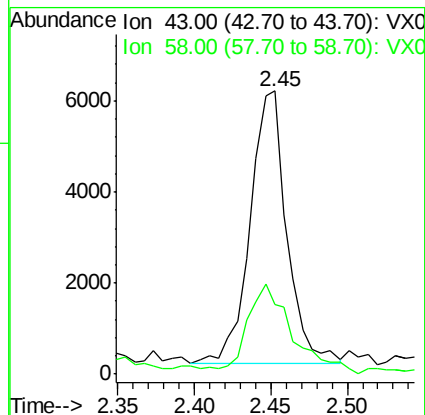
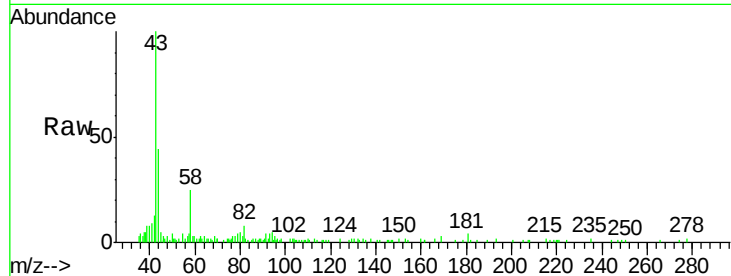
S32-0651DL

Tot Ion: 43 Resp: 10002

Ion Ratio Lower Upper

43 100

58 22.7 25.0 37.6#



#18

Methyl Acetate

Concen: 0.557 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006930.D

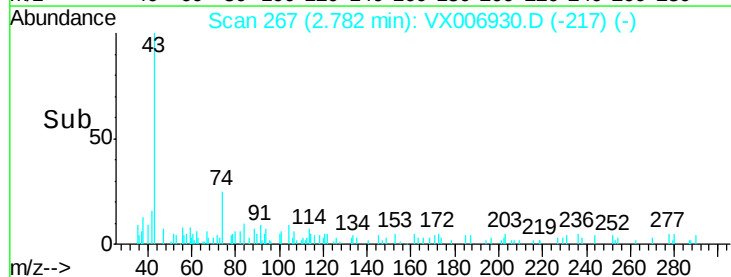
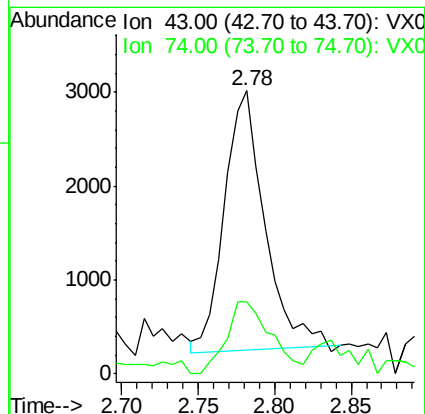
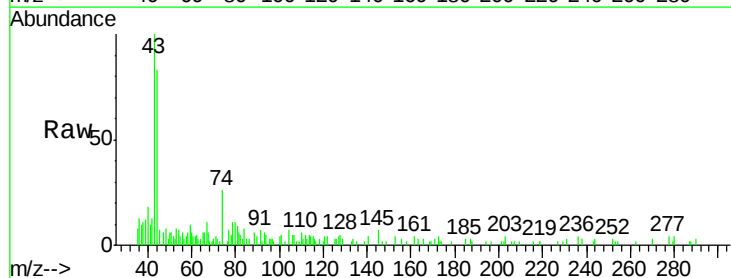
Acq: 07 Jan 2019 12:48

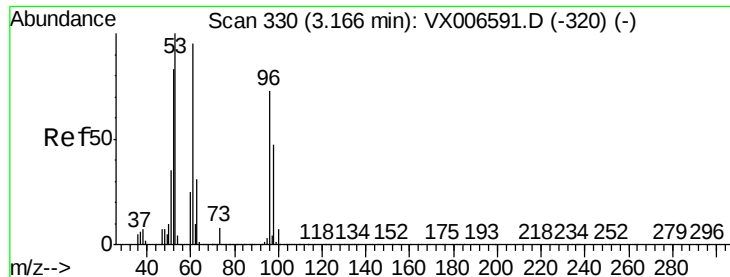
Tgt Ion: 43 Resp: 5046

Ion Ratio Lower Upper

43 100

74 31.1 18.6 28.0#





#21

trans-1,2-Dichloroethene

Concen: 1.098 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX006930.D

Acq: 07 Jan 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

S32-0651DL

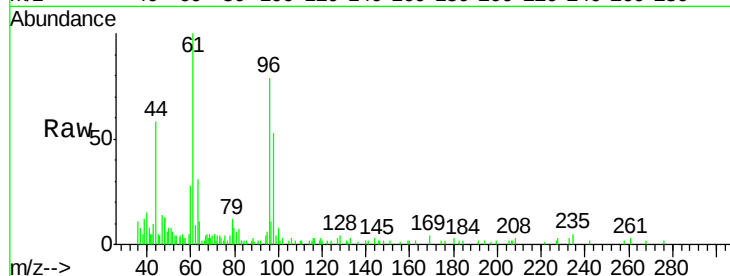
Tot Ion: 96 Resp: 6768

Ion	Ratio	Lower	Upper
96	100		
61	124.6	103.7	155.5
98	66.7	51.0	76.6

96 100

61 124.6 103.7 155.5

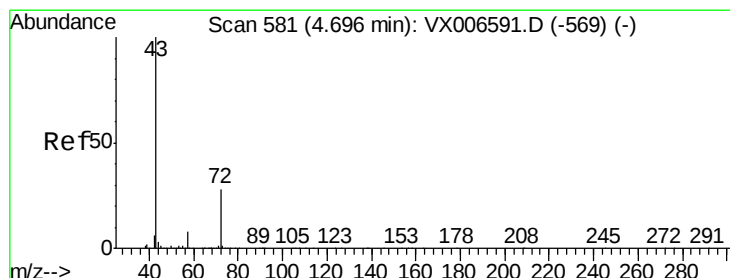
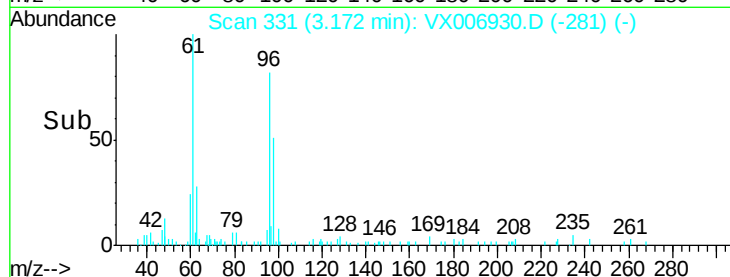
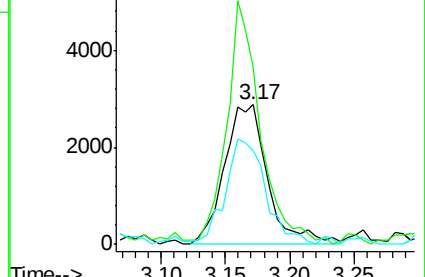
98 66.7 51.0 76.6



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



#25

2-Butanone

Concen: 21.472 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006930.D

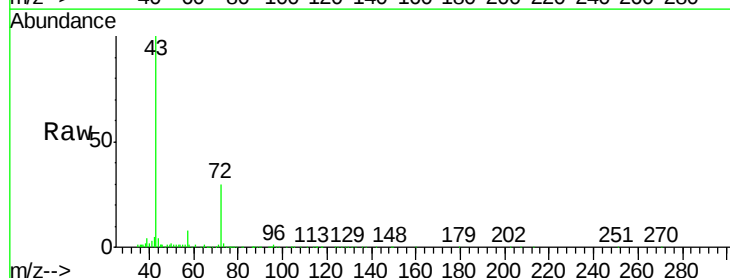
Acq: 07 Jan 2019 12:48

Tgt Ion: 43 Resp: 93121

Ion	Ratio	Lower	Upper
43	100		
72	29.4	22.4	33.6

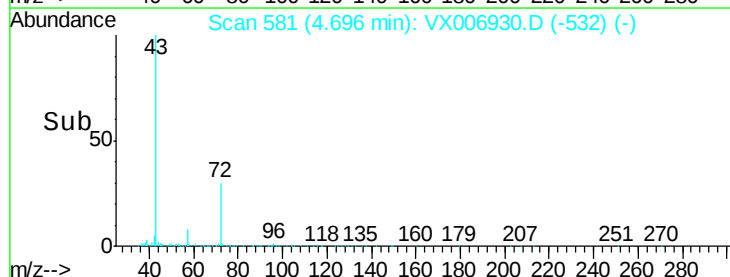
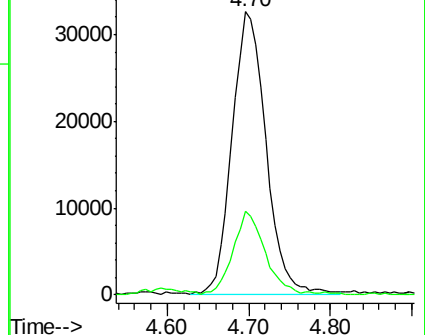
43 100

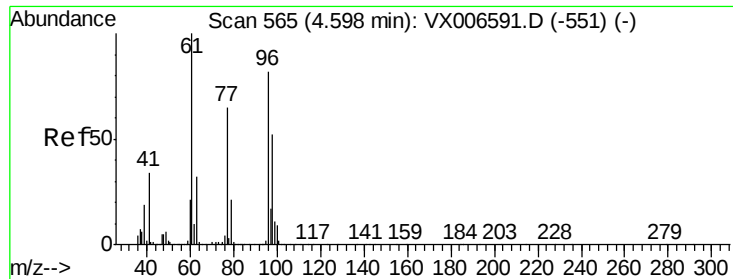
72 29.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



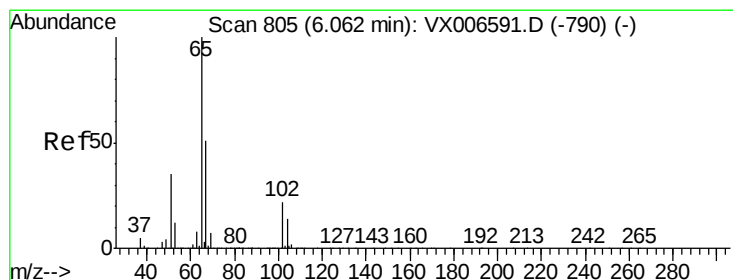
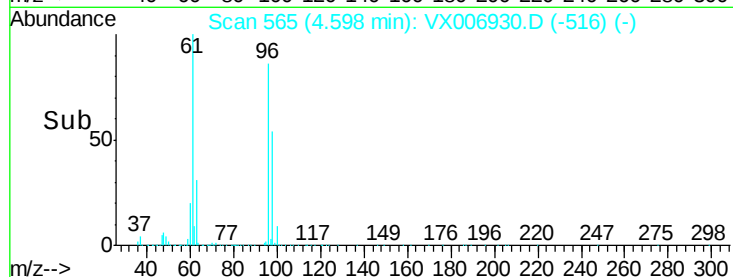
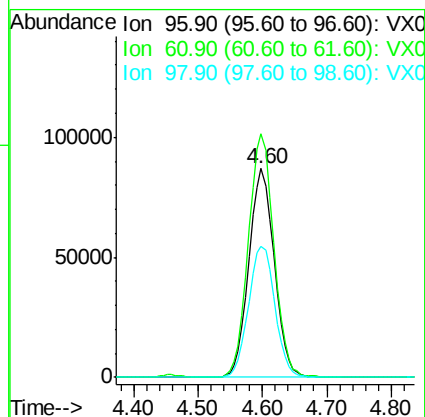
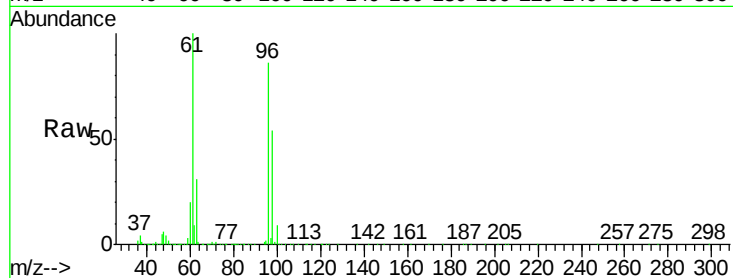


#27

cis-1,2-Dichloroethene
Concen: 34.552 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006930.D
Acq: 07 Jan 2019 12:48

Instrument :
MSVOA_X
ClientSampled :
S32-0651DL

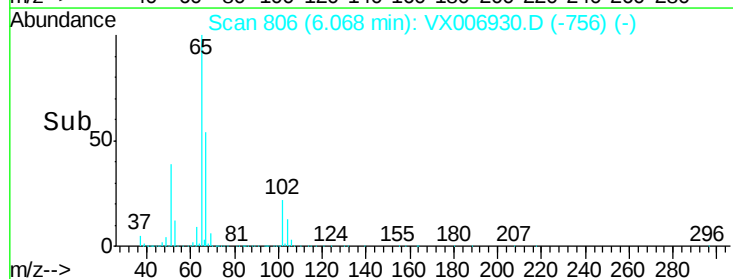
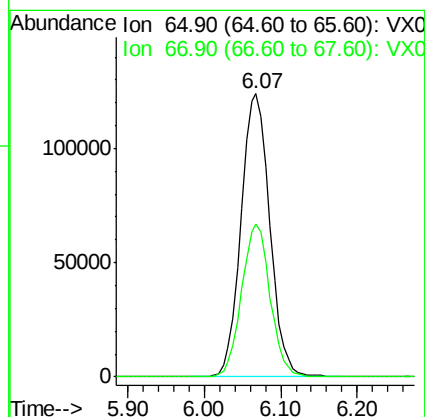
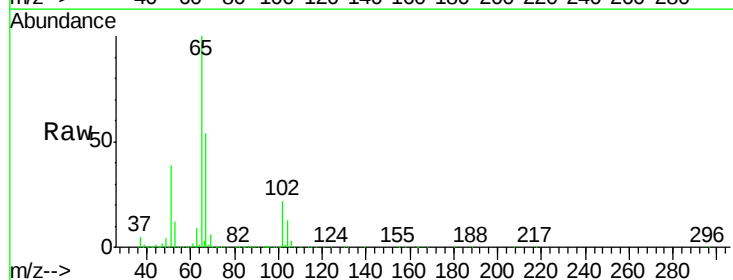
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.0	0.0	258.6
98	65.2	0.0	132.0

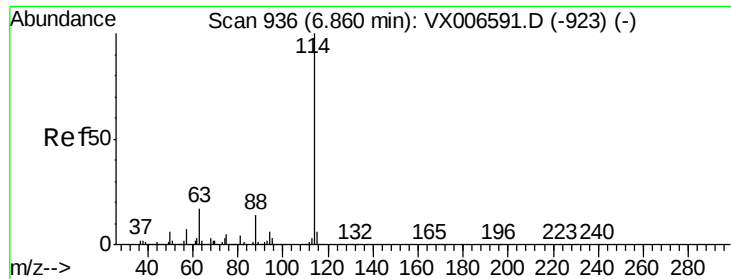


#33

1,2-Dichloroethane-d4
Concen: 48.267 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006930.D
Acq: 07 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VX006930.D

Acq: 07 Jan 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

S32-0651DL

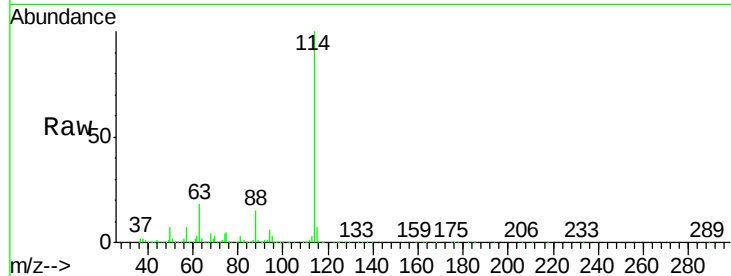
Tot Ion:114 Resp: 940675

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

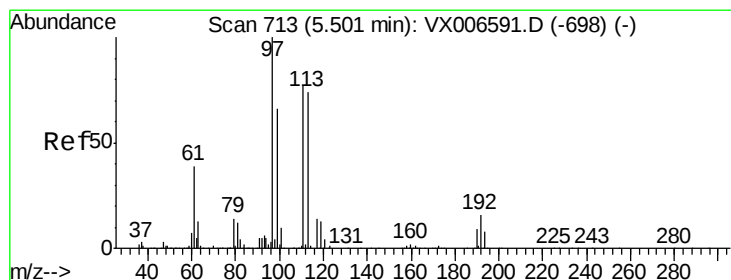
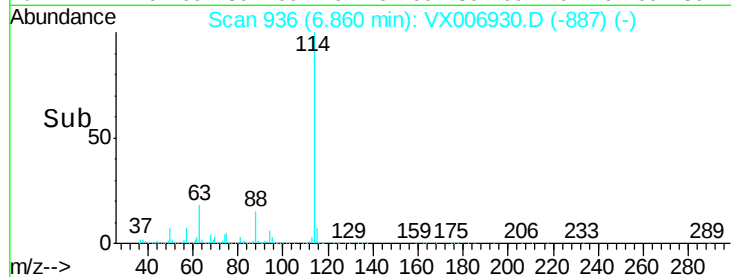
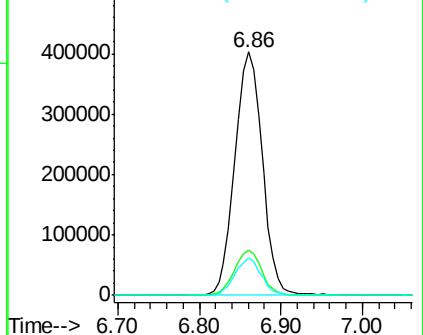
88 15.3 0.0 28.8



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: 49.134 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006930.D

Acq: 07 Jan 2019 12:48

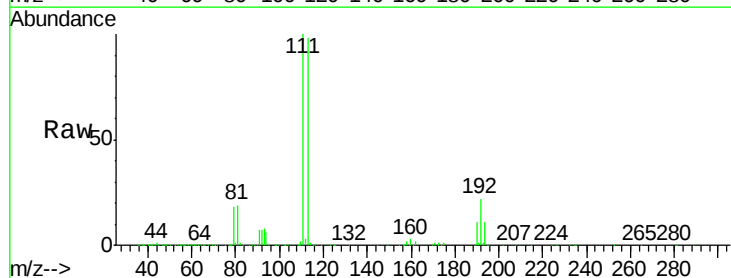
Tgt Ion:113 Resp: 292284

Ion Ratio Lower Upper

113 100

111 100.9 81.6 122.4

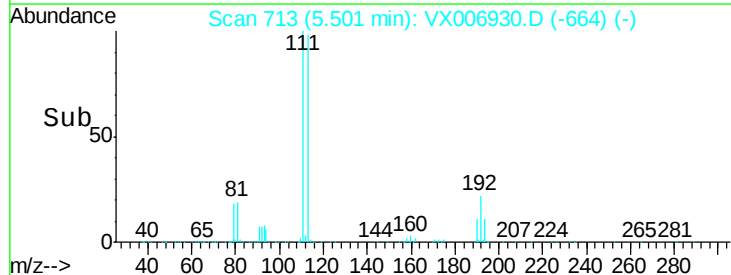
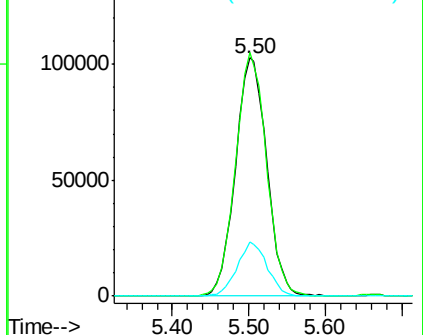
192 21.9 16.7 25.1

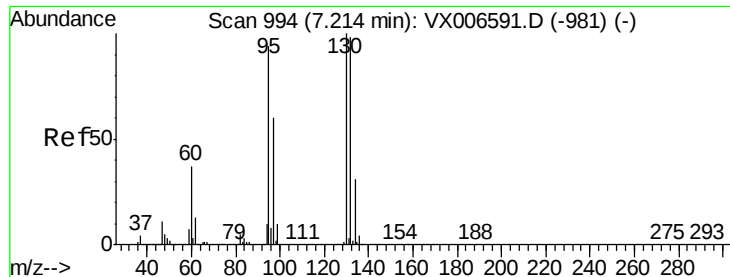


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 18.669 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006930.D

Acq: 07 Jan 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

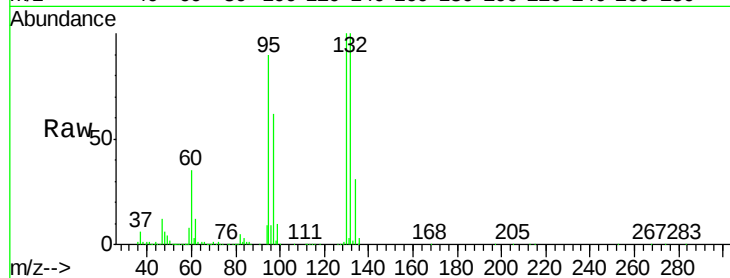
S32-0651DL

Tot Ion:130 Resp: 133816

Ion Ratio Lower Upper

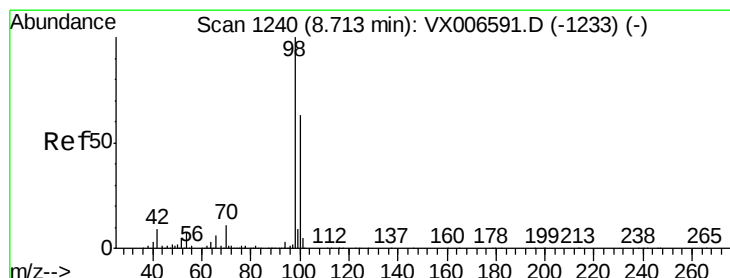
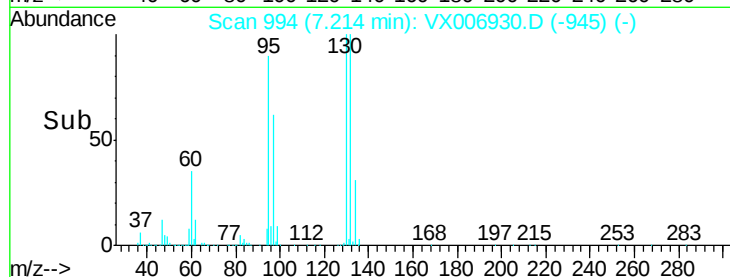
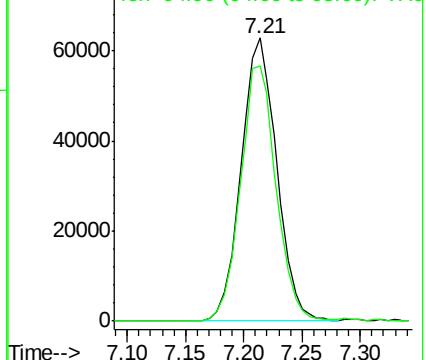
130 100

95 90.4 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: 49.743 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006930.D

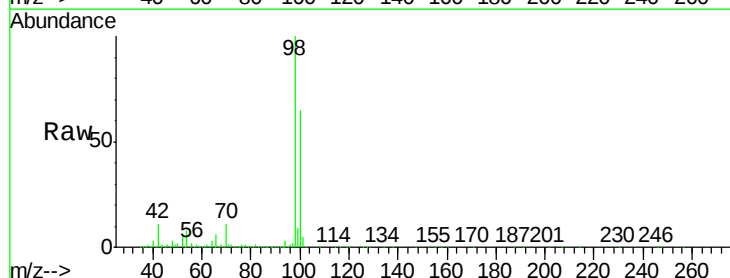
Acq: 07 Jan 2019 12:48

Tgt Ion: 98 Resp: 1115574

Ion Ratio Lower Upper

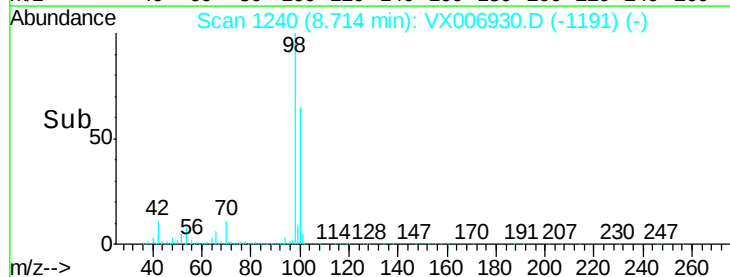
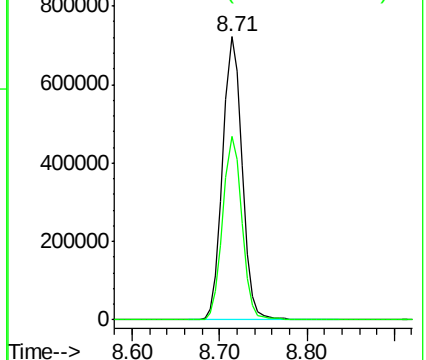
98 100

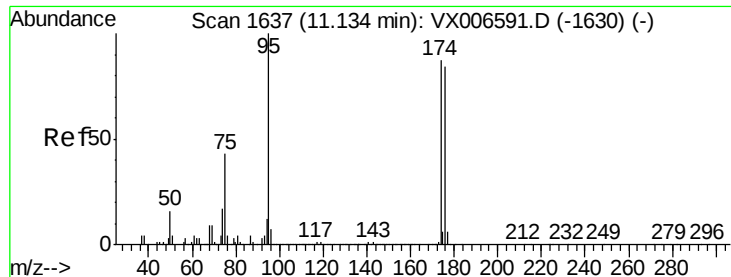
100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

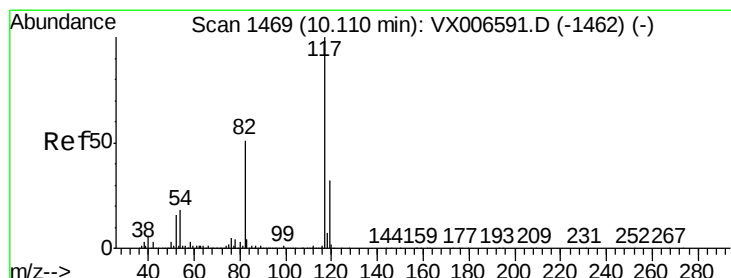
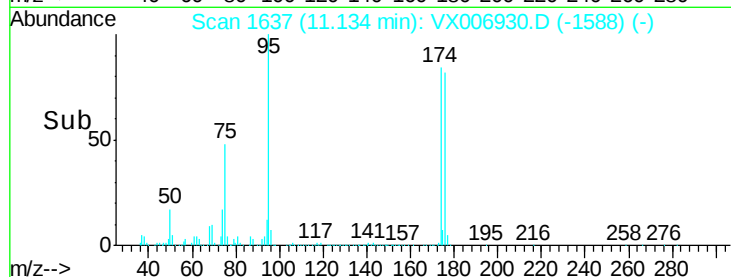
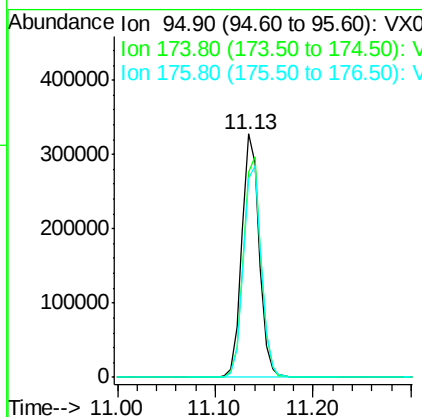
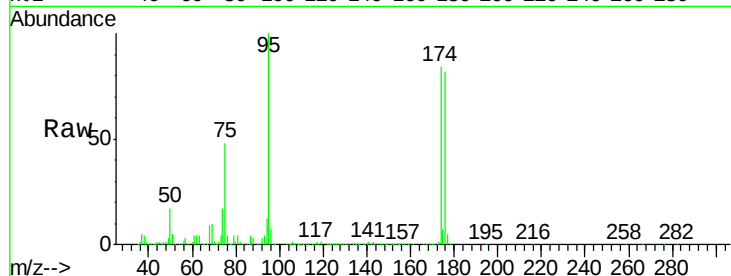




#62
4-Bromofluorobenzene
Concen: 49.214 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006930.D
Acq: 07 Jan 2019 12:48

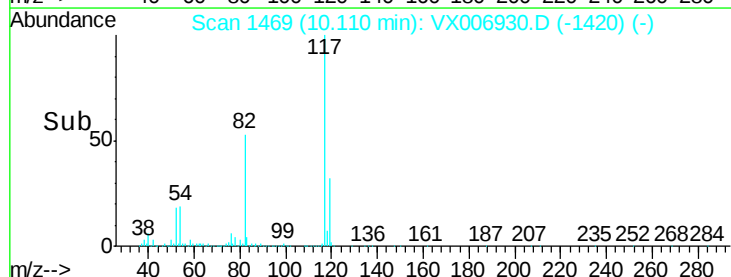
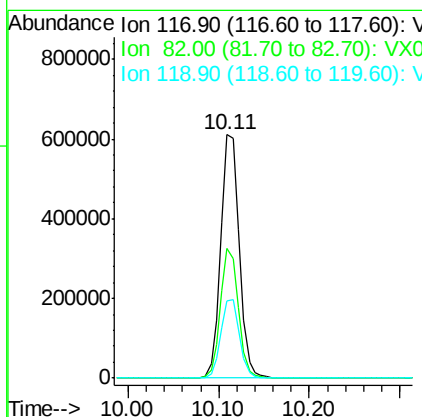
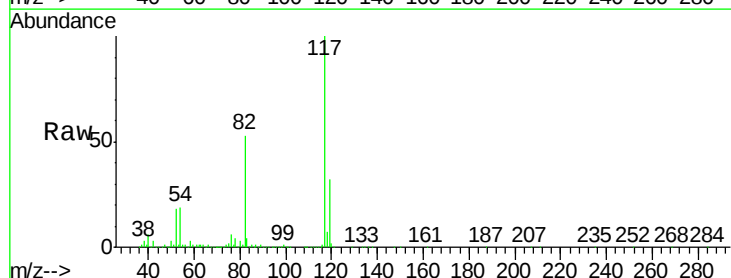
Instrument :
MSVOA_X
ClientSampleId :
S32-0651DL

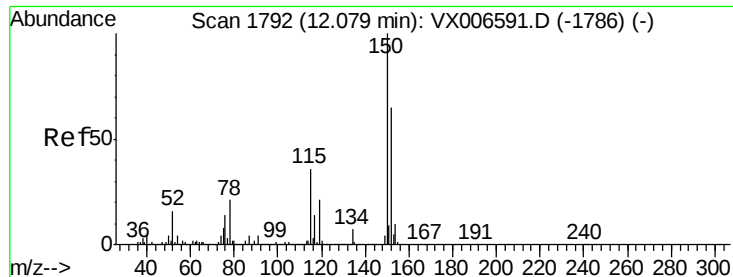
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.2	0.0	182.2
176	90.0	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006930.D
Acq: 07 Jan 2019 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.0	61.6
119	31.7	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: VX006930.D

Acq: 07 Jan 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

S32-0651DL

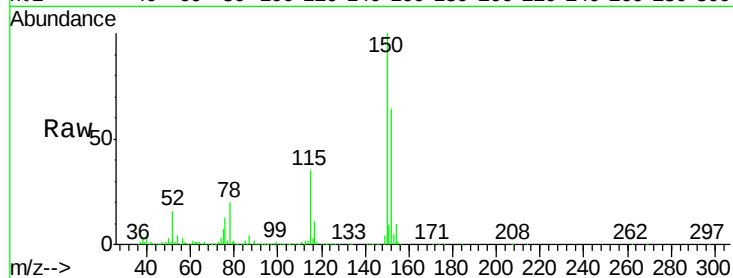
Tot Ion:152 Resp: 432008

Ion Ratio Lower Upper

152 100

115 55.4 39.1 117.2

150 156.7 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

