

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011167.D
 Acq On : 30 Jul 2019 00:46
 Operator : JC/SP
 Sample : K4026-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0685

Quant Time: Jul 30 06:56:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

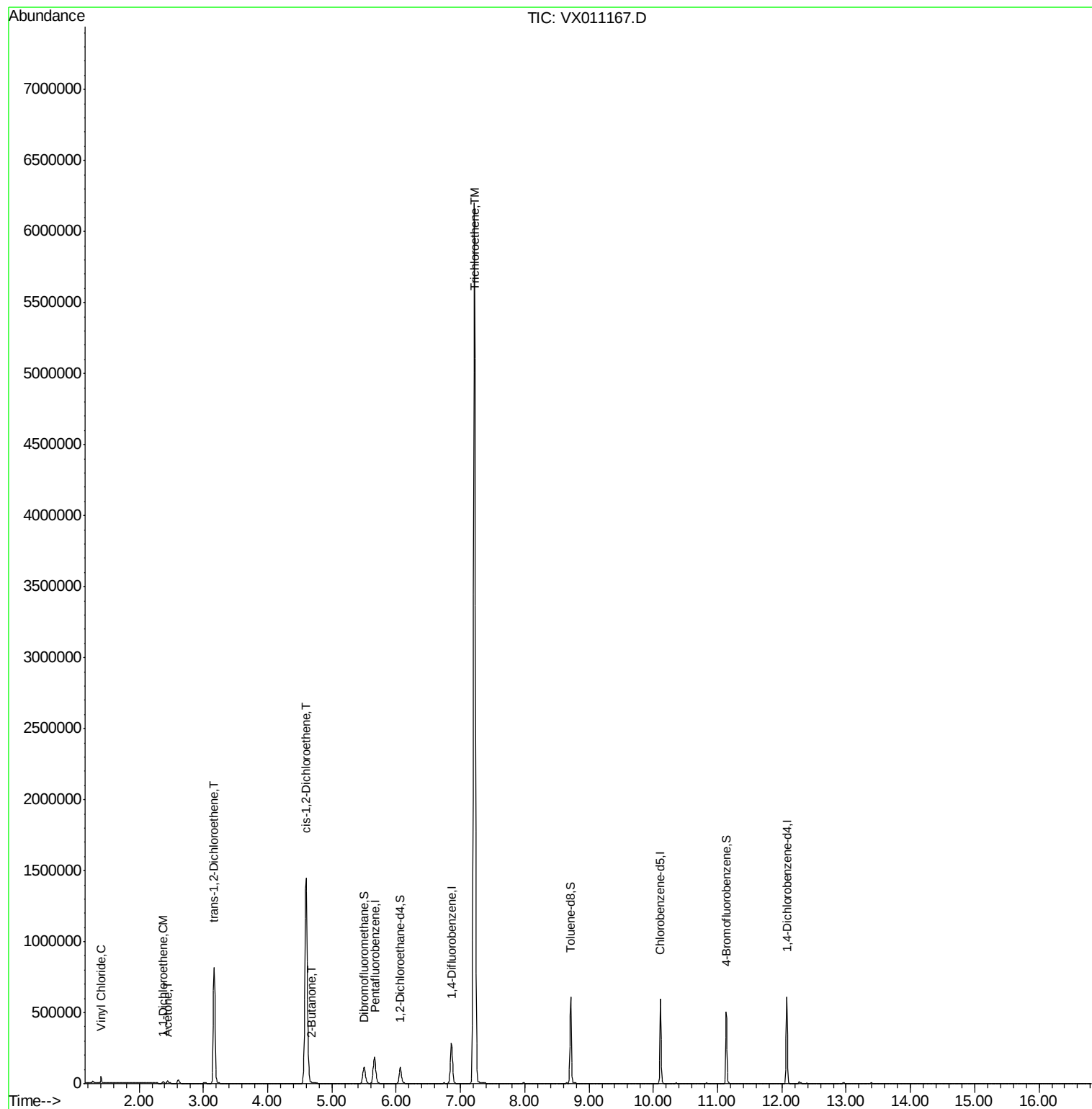
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278031	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102919	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
35) Dibromofluoromethane	5.50	113	95998	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	8.71	98	363673	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.13	95	124378	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
Target Compounds						
4) Vinyl Chloride	1.41	62	29532	16.867	ug/l	98
12) 1,1-Dichloroethene	2.38	96	4463	2.684	ug/l	98
16) Acetone	2.45	43	18344	20.453	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	360113	204.132	ug/l	97
25) 2-Butanone	4.68	43	3666	2.848	ug/l #	87
27) cis-1,2-Dichloroethene	4.60	96	967589	473.920	ug/l	89
44) Trichloroethene	7.22	130	2422582	1087.542	ug/l	94

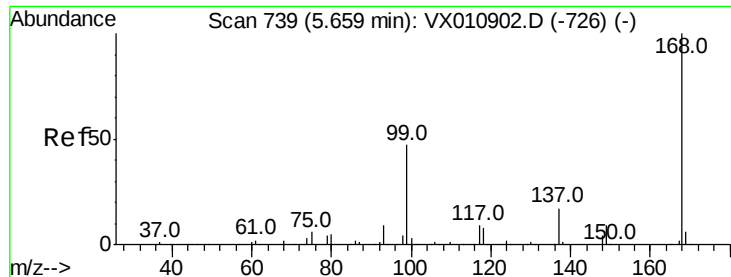
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

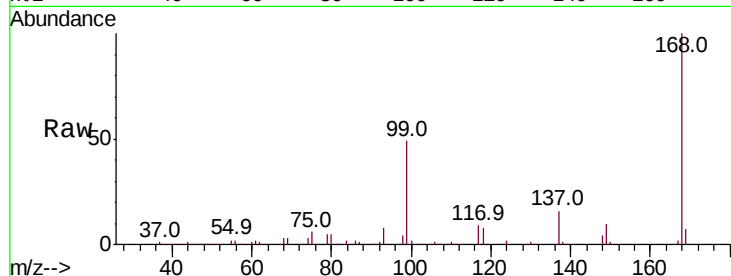
Z3-0685

Tot Ion:168 Resp: 186659

Ion Ratio Lower Upper

168 100

99 48.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

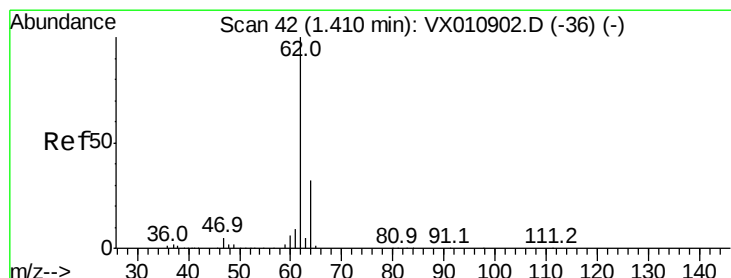
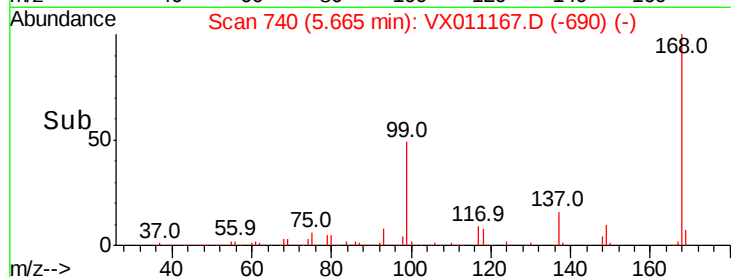
40000

20000

0

5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 16.867 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011167.D

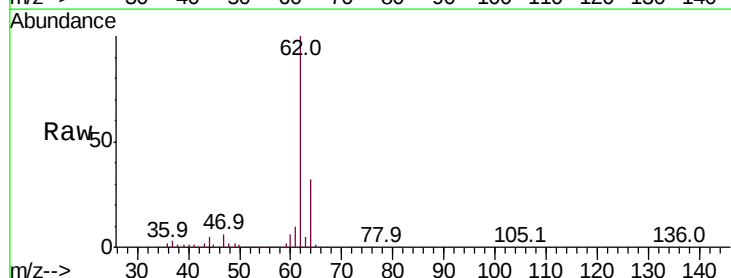
Acq: 30 Jul 2019 00:46

Tgt Ion: 62 Resp: 29532

Ion Ratio Lower Upper

62 100

64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

30000

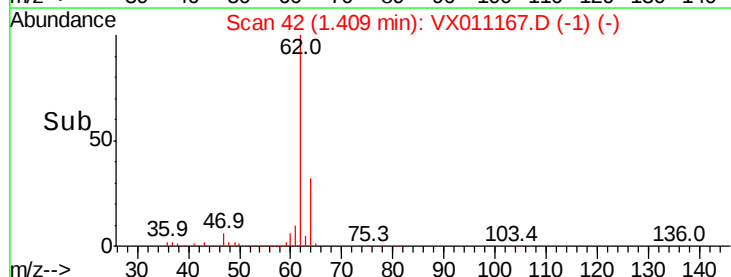
20000

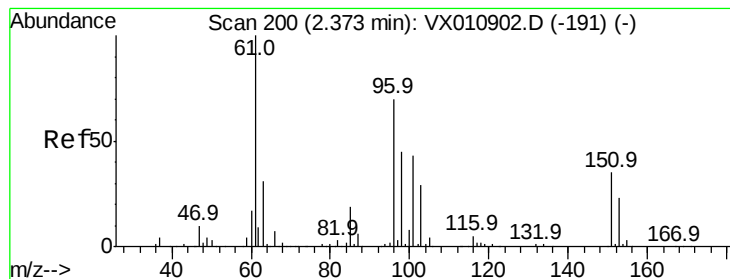
10000

0

1.30 1.35 1.40 1.45 1.50

Time-->





#12

1,1-Dichloroethene

Concen: 2.684 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

Instrument :

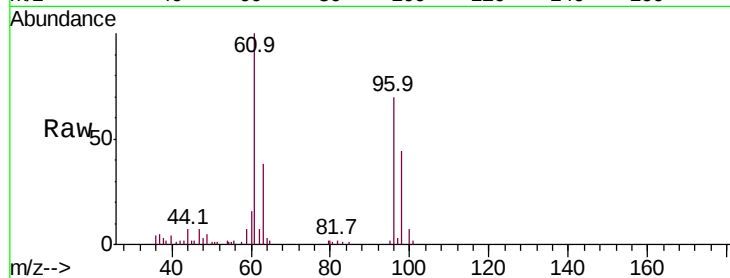
MSVOA_X

ClientSampleId :

Z3-0685

Tot Ion: 96 Resp: 4463

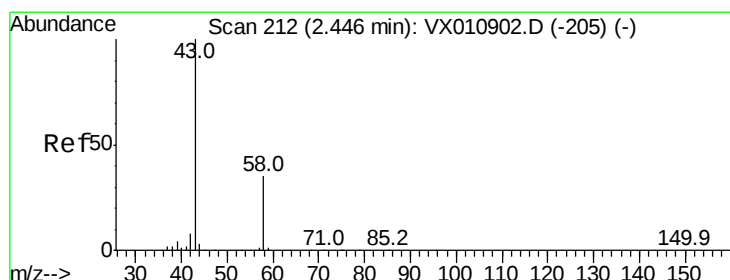
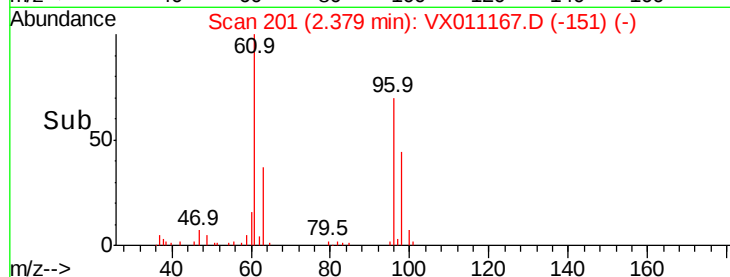
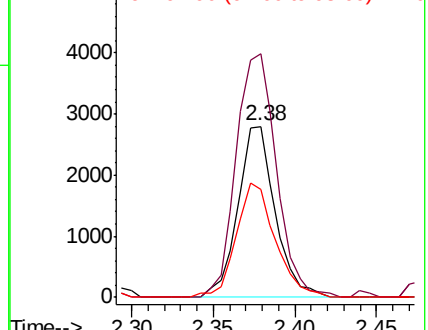
Ion	Ratio	Lower	Upper
96	100		
61	142.5	115.0	172.4
98	62.9	52.2	78.2



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: 20.453 ug/l

RT: 2.45 min Scan# 212

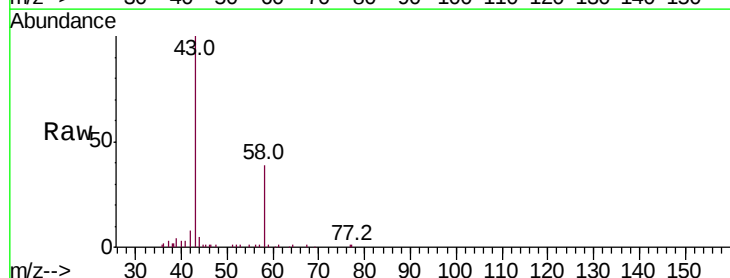
Delta R.T. -0.00 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

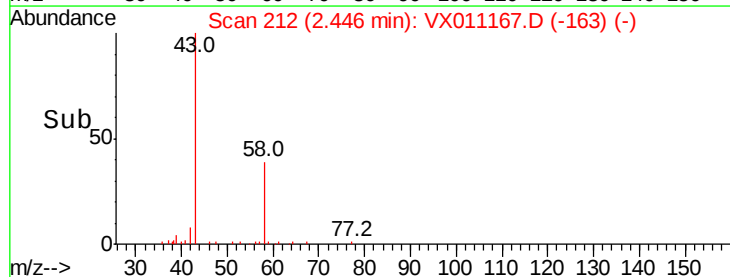
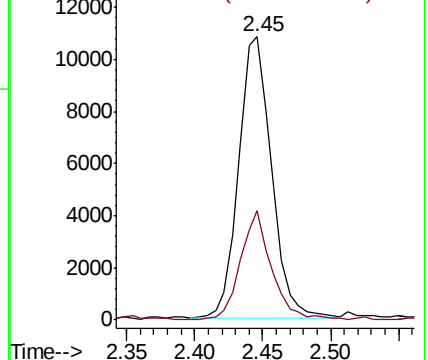
Tgt Ion: 43 Resp: 18344

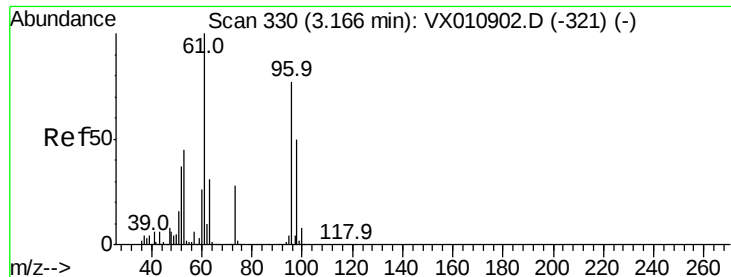
Ion	Ratio	Lower	Upper
43	100		
58	38.7	27.7	41.5



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: 204.132 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

Z3-0685

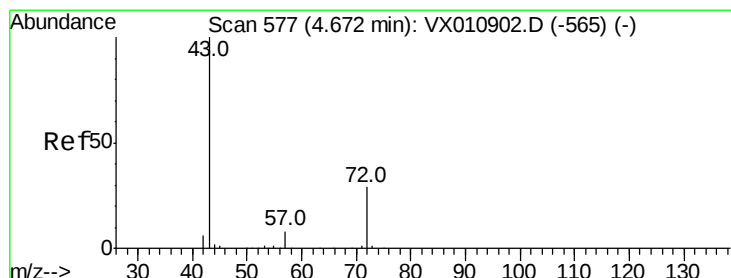
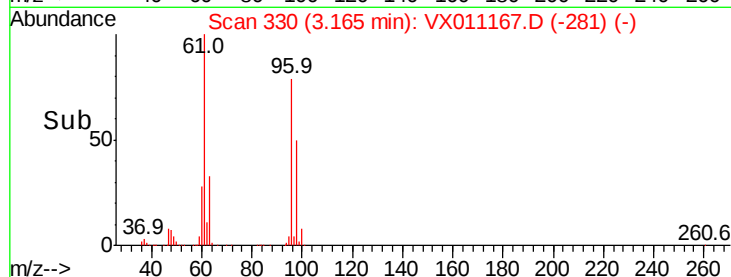
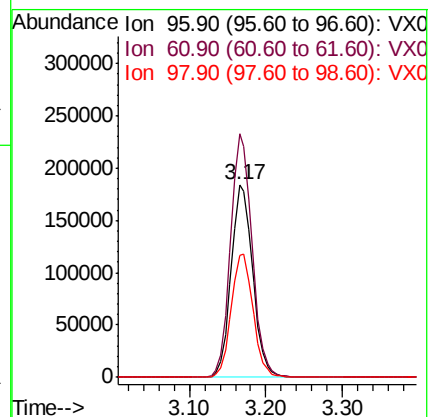
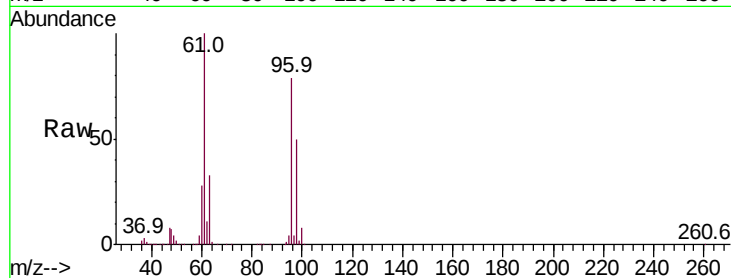
Tot Ion: 96 Resp: 360113

Ion Ratio Lower Upper

96 100

61 126.4 104.2 156.2

98 63.1 52.2 78.4



#25

2-Butanone

Concen: 2.848 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX011167.D

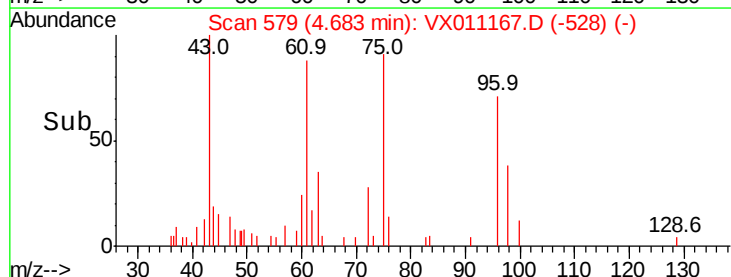
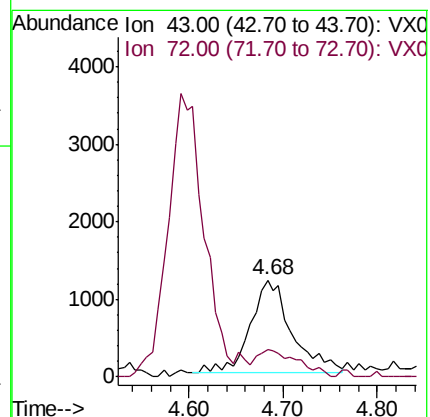
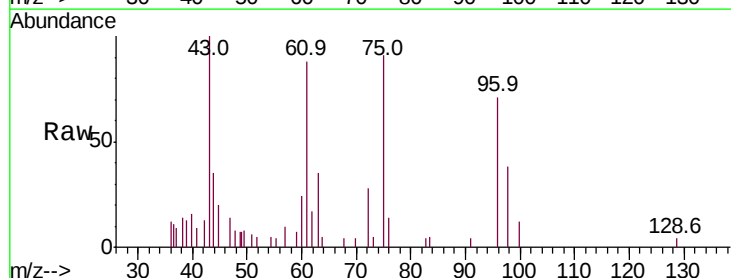
Acq: 30 Jul 2019 00:46

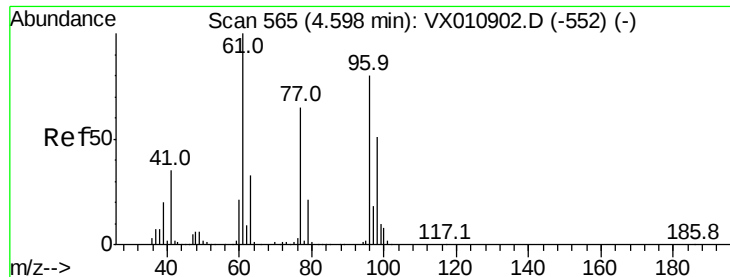
Tgt Ion: 43 Resp: 3666

Ion Ratio Lower Upper

43 100

72 22.1 23.0 34.6#



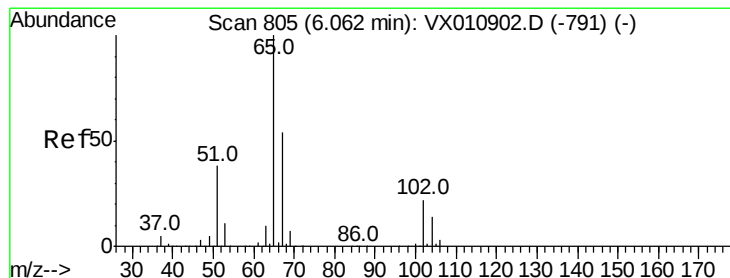
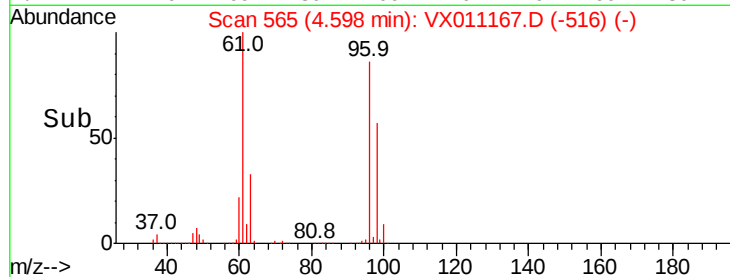
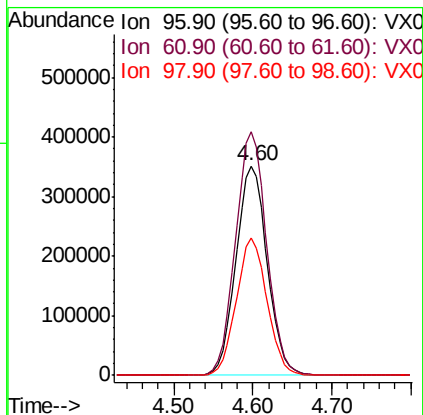
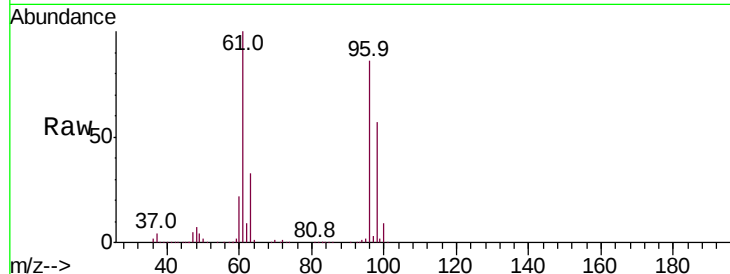


#27

cis-1,2-Dichloroethene
 Concen: 473.920 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011167.D
 Acq: 30 Jul 2019 00:46

Instrument :
 MSVOA_X
 ClientSampled :
 Z3-0685

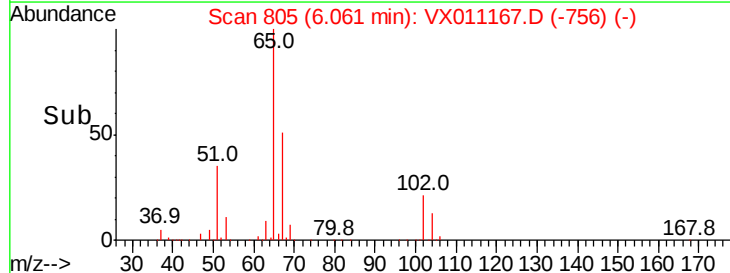
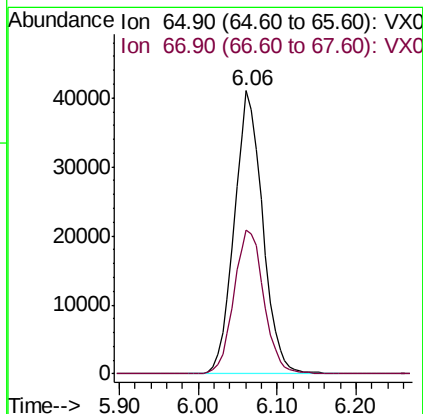
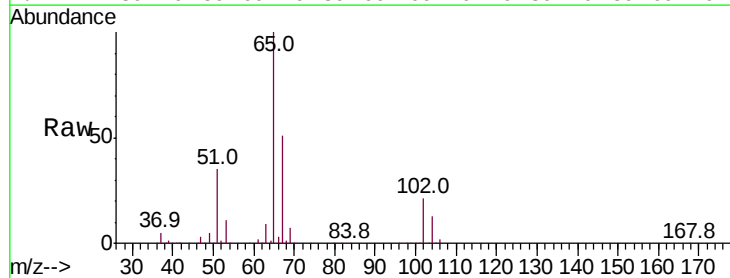
Tot Ion	96	Resp	967589
Ion	Ratio	Lower	Upper
96	100		
61	116.2	0.0	269.0
98	64.8	0.0	131.4

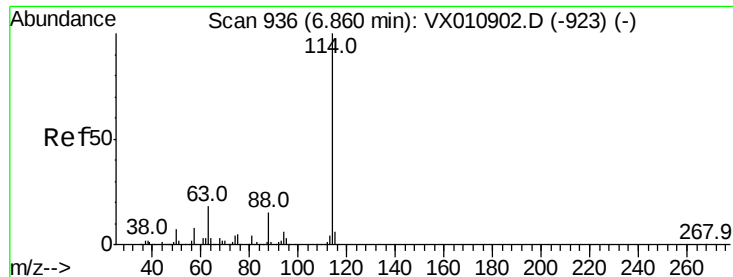


#33

1,2-Dichloroethane-d4
 Concen: 51.828 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011167.D
 Acq: 30 Jul 2019 00:46

Tgt Ion	65	Resp	102919
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

Z3-0685

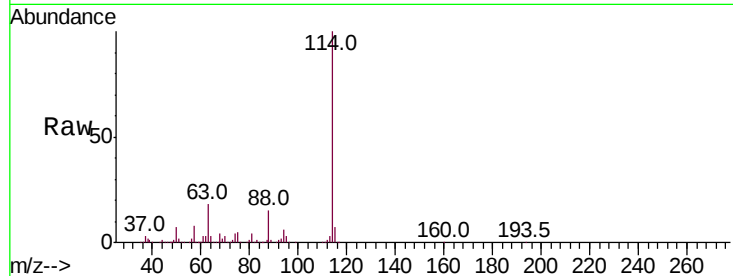
Tot Ion:114 Resp: 299088

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

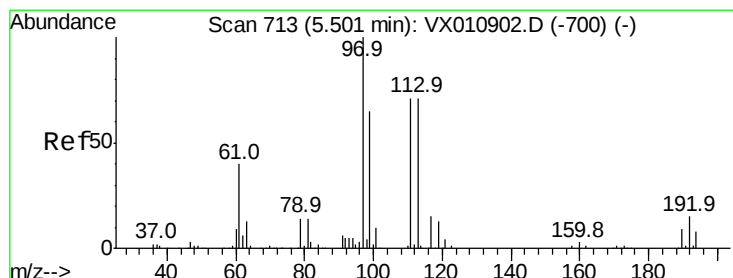
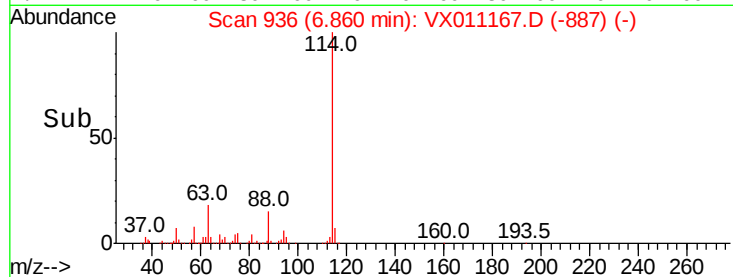
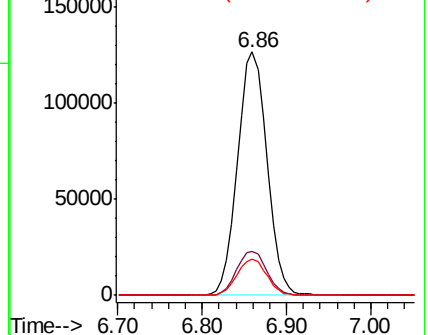
88 15.0 0.0 29.8



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: 50.569 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

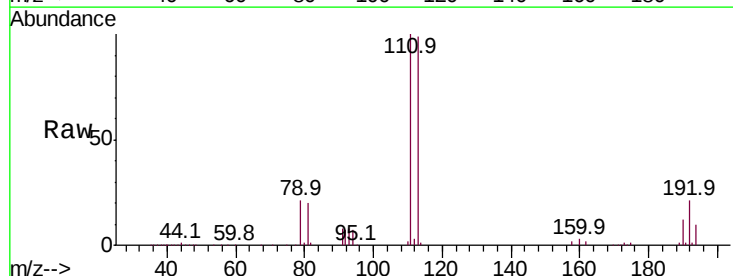
Tgt Ion:113 Resp: 95998

Ion Ratio Lower Upper

113 100

111 101.7 82.3 123.5

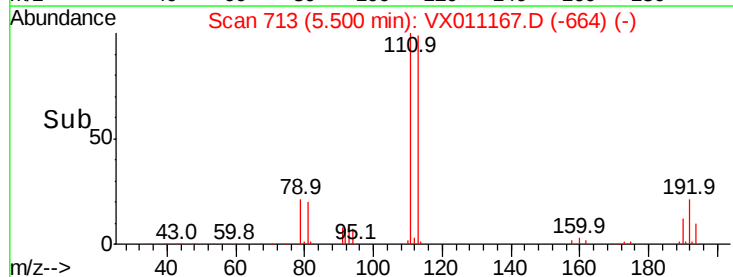
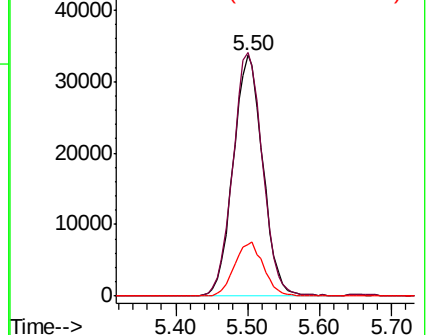
192 22.1 17.4 26.2

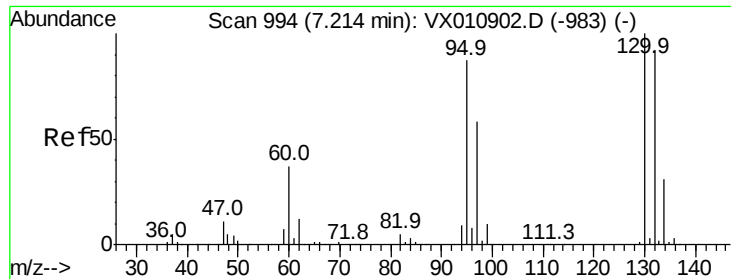


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1087.542 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

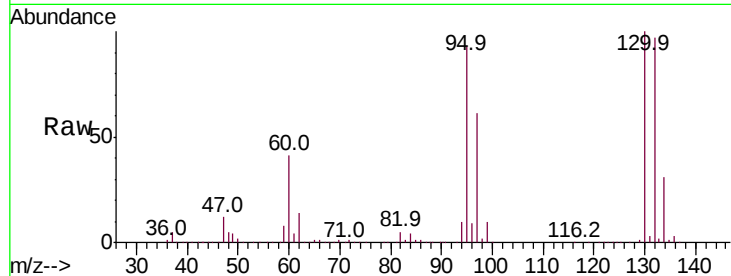
Z3-0685

Tot Ion:130 Resp: 2422582

Ion Ratio Lower Upper

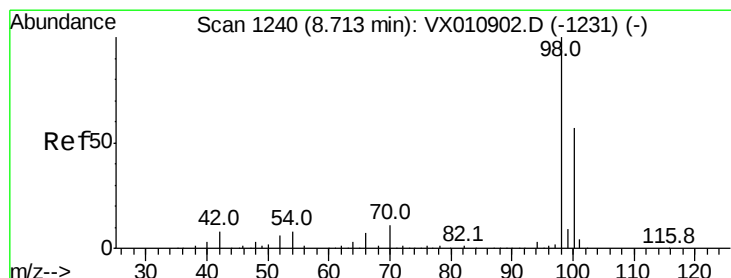
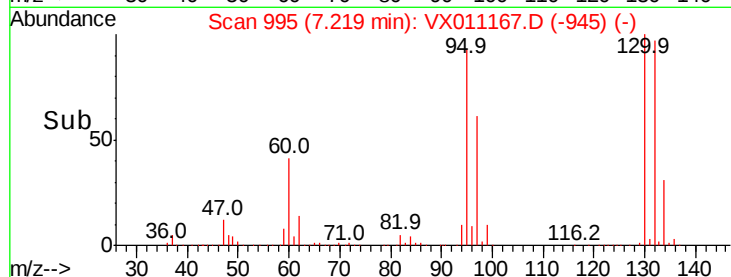
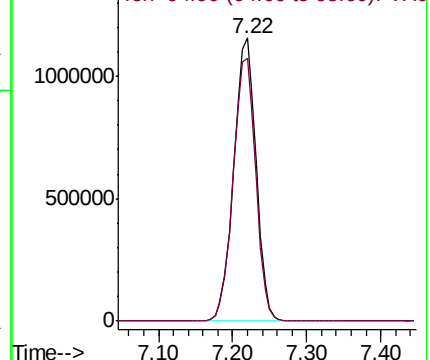
130 100

95 92.9 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.077 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011167.D

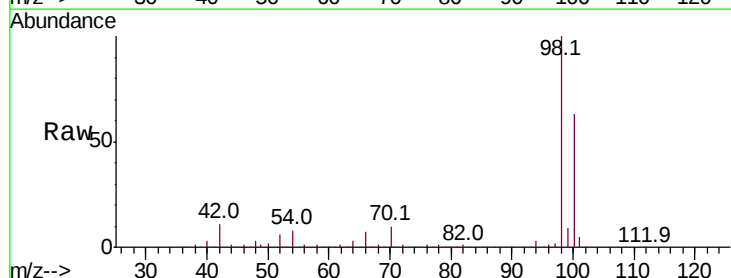
Acq: 30 Jul 2019 00:46

Tgt Ion: 98 Resp: 363673

Ion Ratio Lower Upper

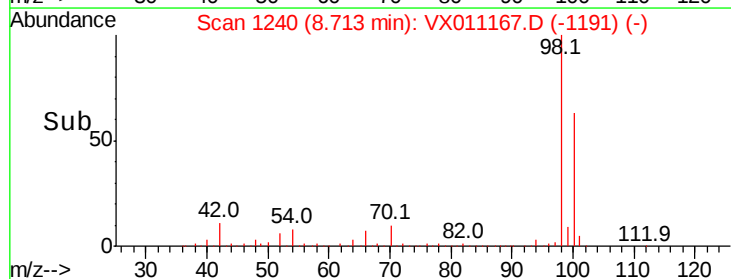
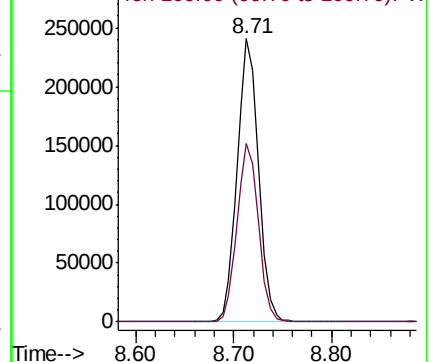
98 100

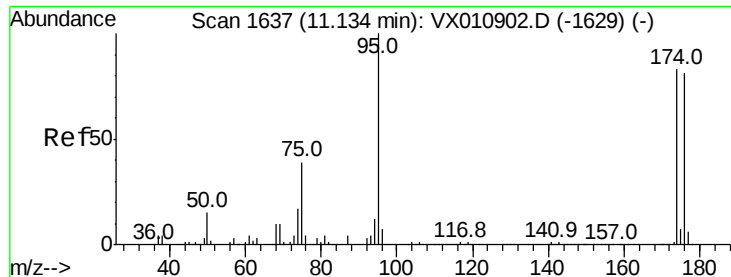
100 63.5 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.524 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

Z3-0685

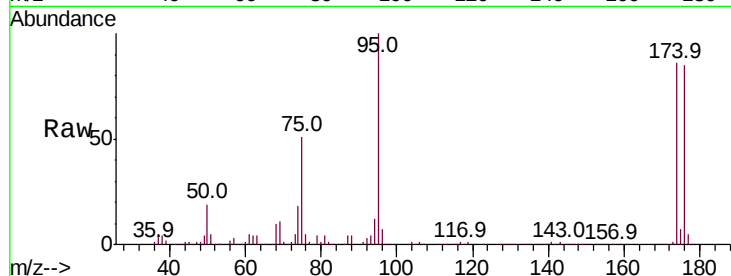
Tot Ion: 95 Resp: 124378

Ion Ratio Lower Upper

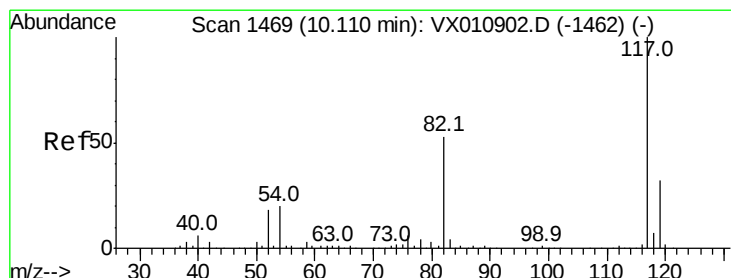
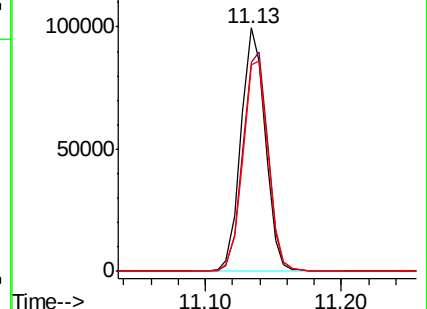
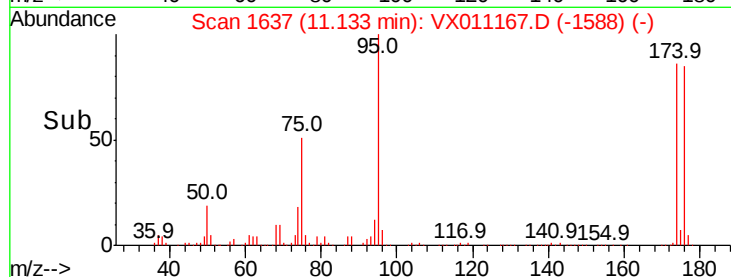
95 100

174 92.8 0.0 180.6

176 89.9 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011167.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

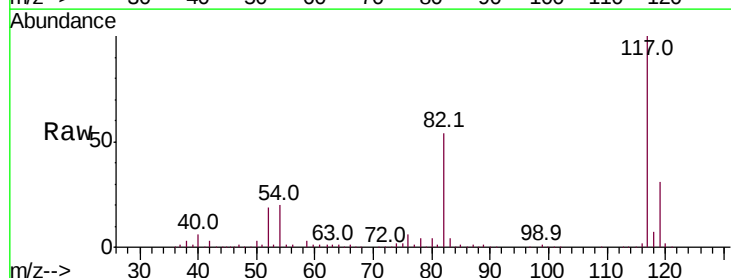
Tgt Ion: 117 Resp: 278031

Ion Ratio Lower Upper

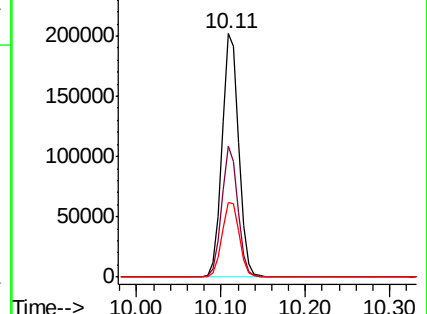
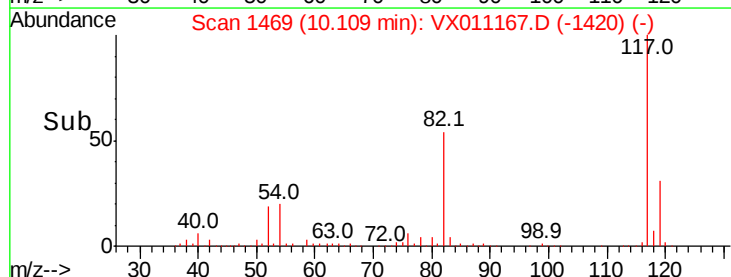
117 100

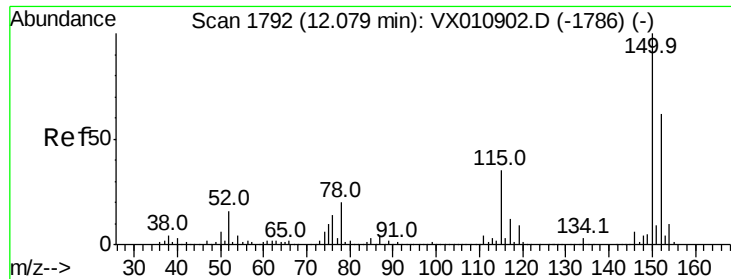
82 53.9 42.6 63.8

119 30.7 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VX011167.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011167.D

Acq: 30 Jul 2019 00:46

Instrument :

MSVOA_X

ClientSampleId :

Z3-0685

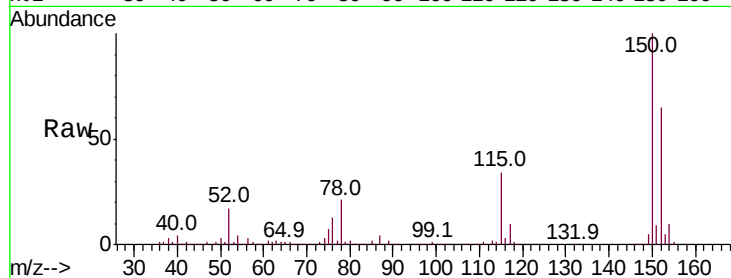
Tot Ion:152 Resp: 131755

Ion Ratio Lower Upper

152 100

115 54.4 39.7 119.1

150 156.6 0.0 345.6



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

