

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX010004.D
 Acq On : 31 May 2019 23:47
 Operator : JC/SP
 Sample : K3128-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0660

Quant Time: Jun 01 06:35:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

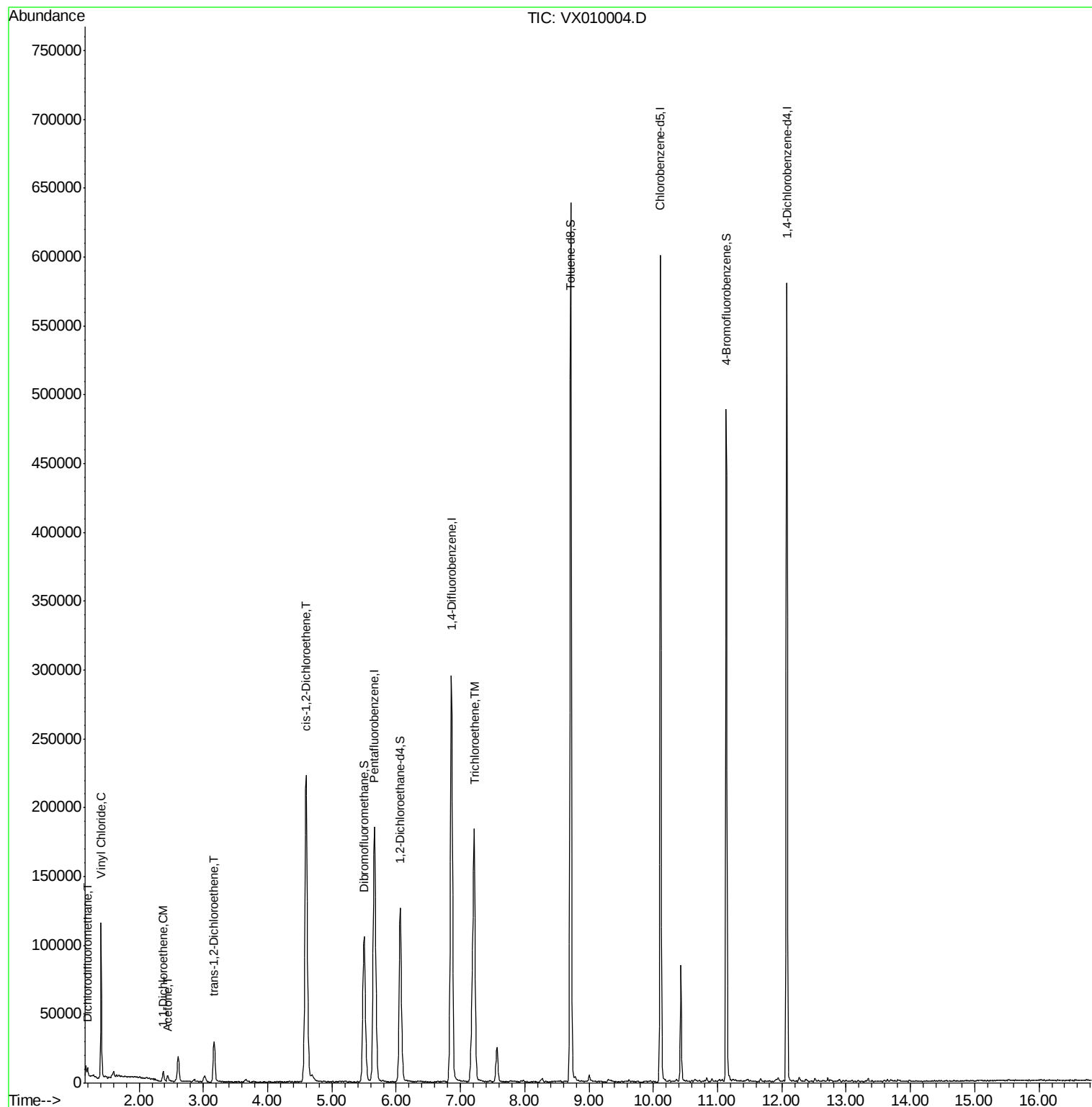
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	183380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	290691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	120464	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
35) Dibromofluoromethane	5.50	113	89853	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	369377	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	11.13	95	126520	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	3442	1.536	ug/l	94
4) Vinyl Chloride	1.41	62	76282	28.089	ug/l	98
12) 1,1-Dichloroethene	2.37	96	2389	1.286	ug/l	91
16) Acetone	2.45	43	5023	3.356	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	11769	5.695	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	137421	57.612	ug/l	86
44) Trichloroethene	7.21	130	65365	30.757	ug/l	98

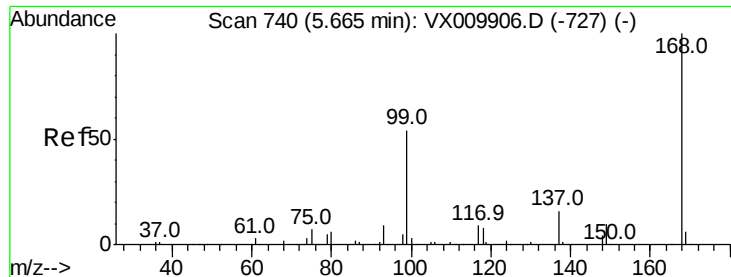
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX053119\
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Acq On : 31 May 2019 23:47
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Sample : K3128-02
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ClientSampleId :
S32-0660

Quant Time: Jun 01 06:35:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

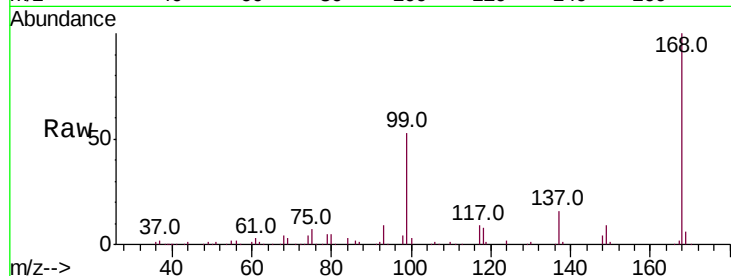
S32-0660

Tot Ion:168 Resp: 183380

Ion Ratio Lower Upper

168 100

99 52.8 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

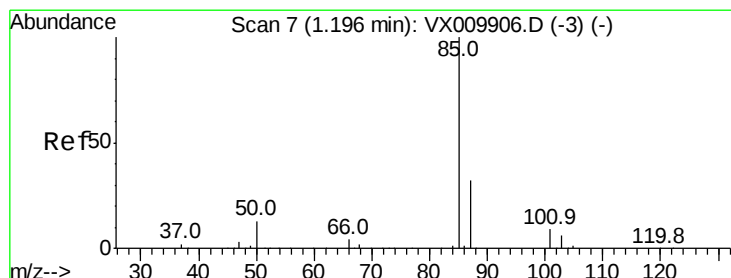
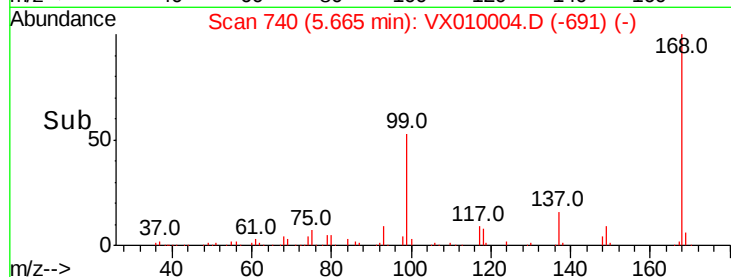
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.536 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010004.D

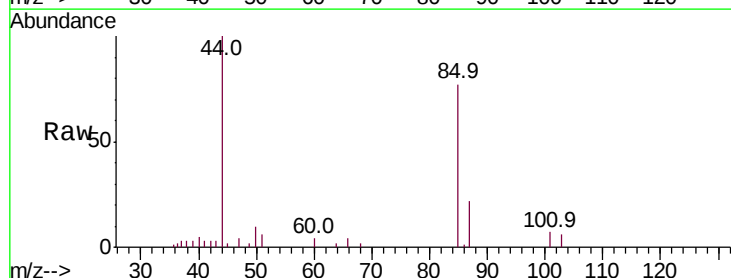
Acq: 31 May 2019 23:47

Tgt Ion: 85 Resp: 3442

Ion Ratio Lower Upper

85 100

87 28.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

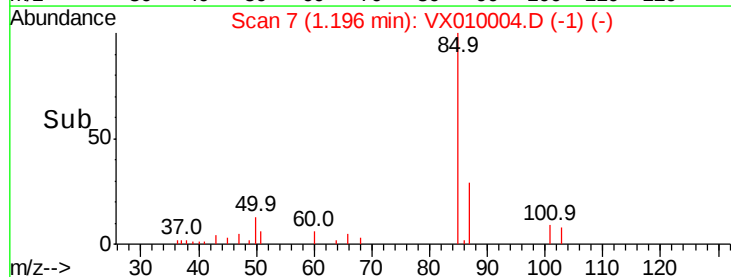
3000

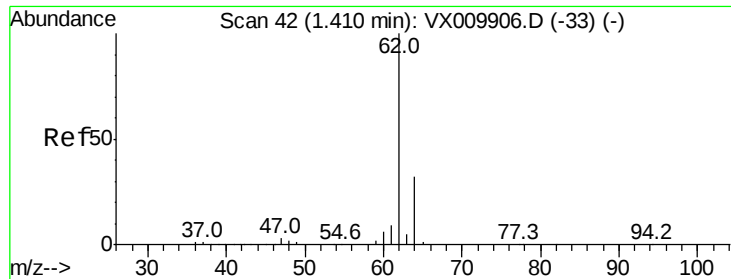
2000

1000

0

Time--> 1.15 1.20 1.25





#4

Vinyl Chloride

Concen: 28.089 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

Instrument :

MSVOA_X

ClientSampled :

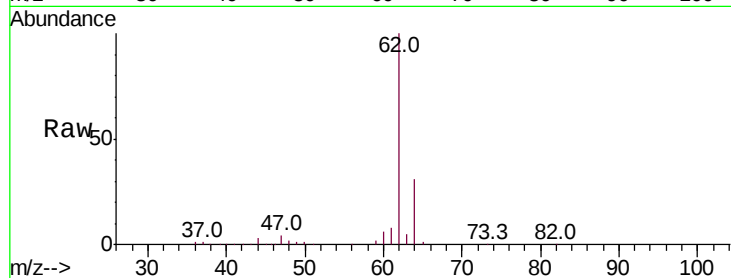
S32-0660

Tot Ion: 62 Resp: 76282

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

80000

60000

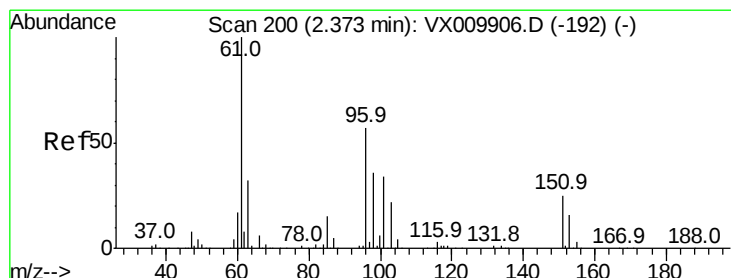
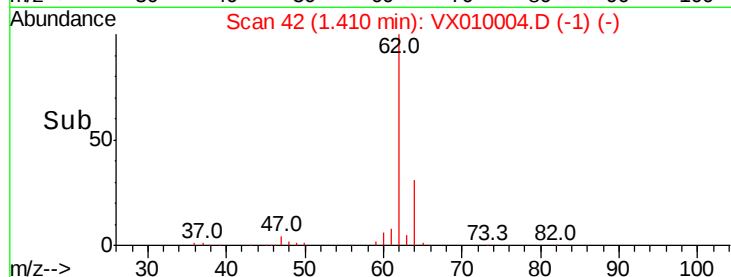
40000

20000

0

Time-->

1.35 1.40 1.45 1.50



#12

1,1-Dichloroethene

Concen: 1.286 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

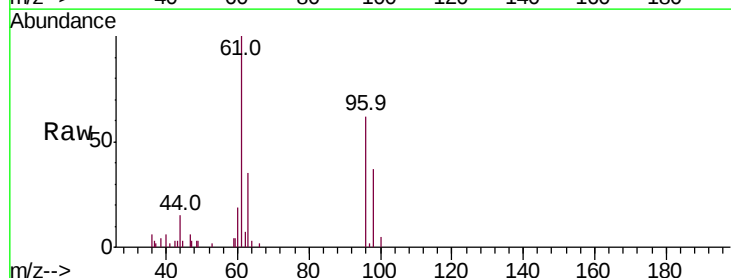
Tgt Ion: 96 Resp: 2389

Ion Ratio Lower Upper

96 100

61 160.7 140.7 211.1

98 59.0 50.1 75.1



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

3000

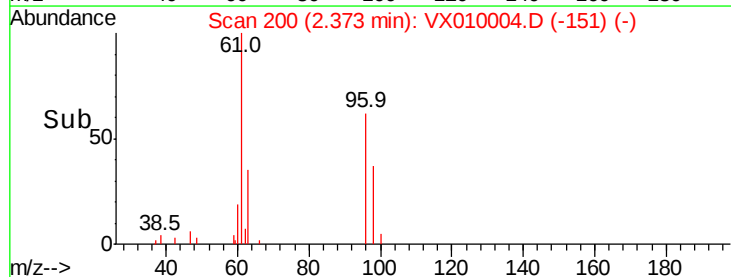
2000

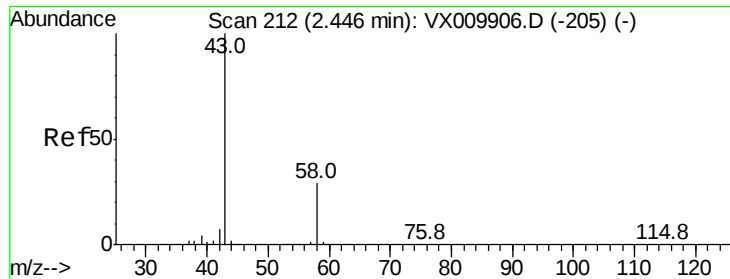
1000

0

Time-->

2.30 2.35 2.40





#16

Acetone

Concen: 3.356 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

Instrument :

MSVOA_X

ClientSampled :

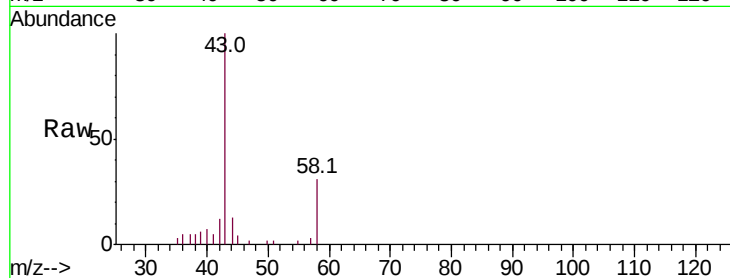
S32-0660

Tot Ion: 43 Resp: 5023

Ion Ratio Lower Upper

43 100

58 31.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

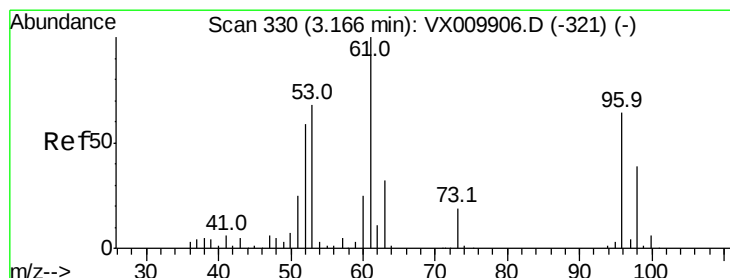
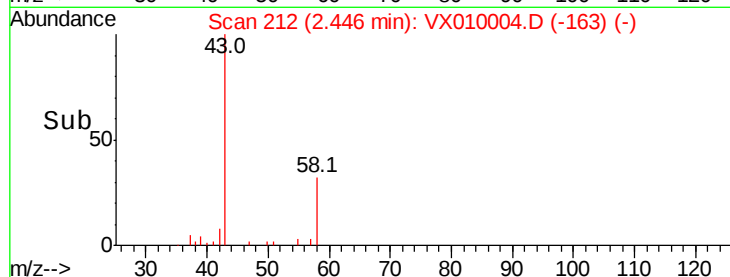
1000

500

0

Time-->

2.35 2.40 2.45 2.50 2.55



#21

trans-1,2-Dichloroethene

Concen: 5.695 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

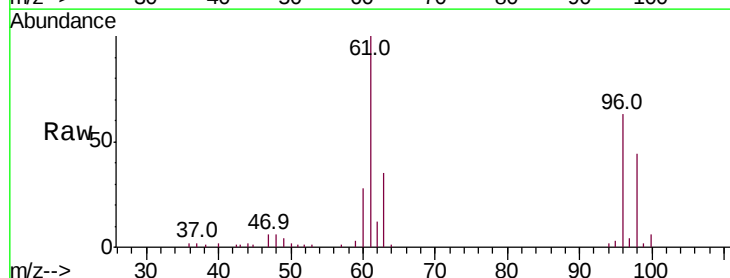
Tgt Ion: 96 Resp: 11769

Ion Ratio Lower Upper

96 100

61 157.8 125.7 188.5

98 69.8 49.0 73.6



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

12000

10000

8000

6000

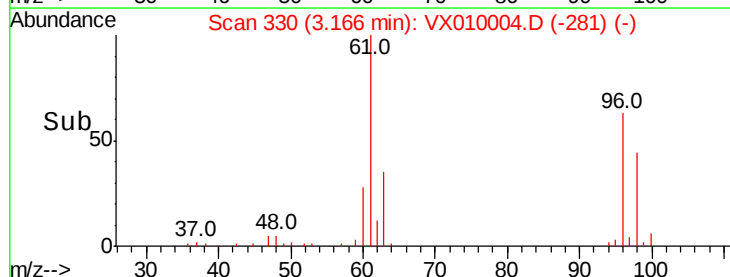
4000

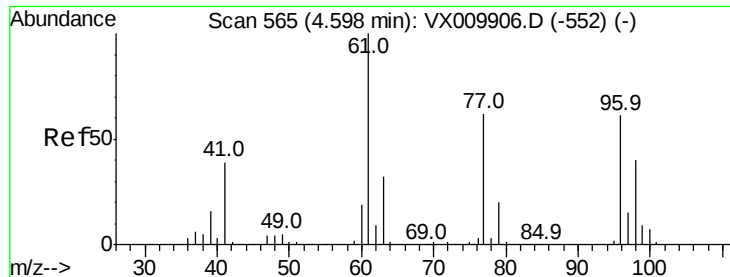
2000

0

Time-->

3.10 3.15 3.20 3.25



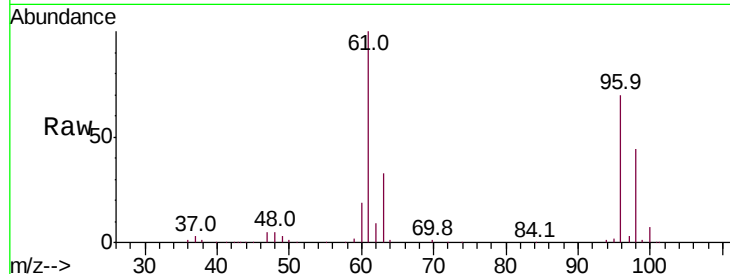


#27

cis-1,2-Dichloroethene
 Concen: 57.612 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX010004.D
 Acq: 31 May 2019 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0660

Tot Ion	96	Resp	137421
Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	334.0
98	63.4	0.0	131.6

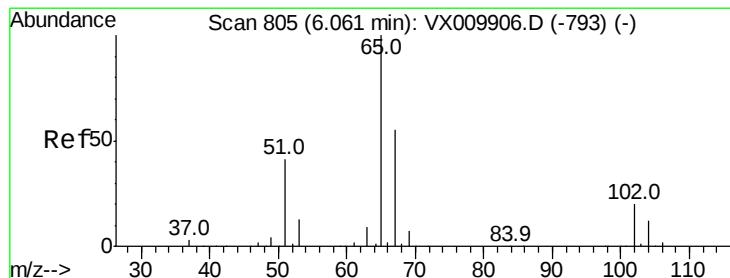
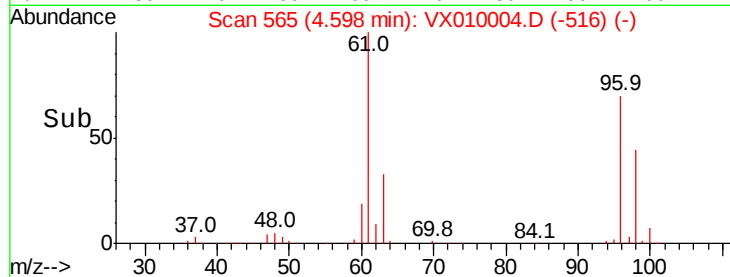
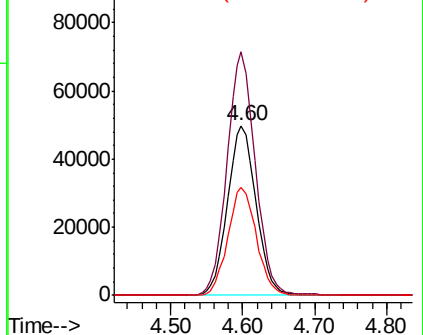


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

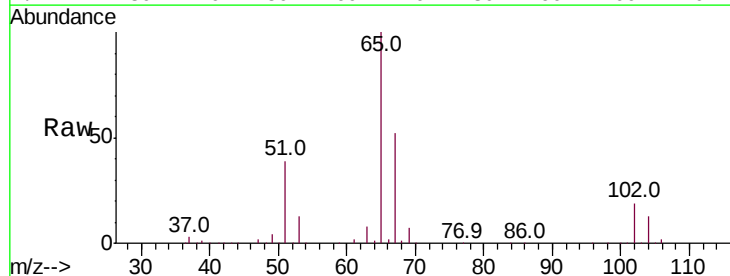
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4
 Concen: 46.504 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX010004.D
 Acq: 31 May 2019 23:47

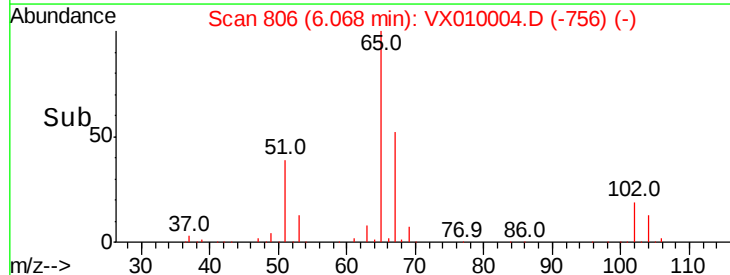
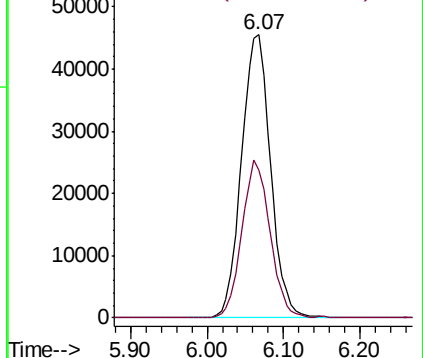
Tgt Ion	65	Resp	120464
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	108.4

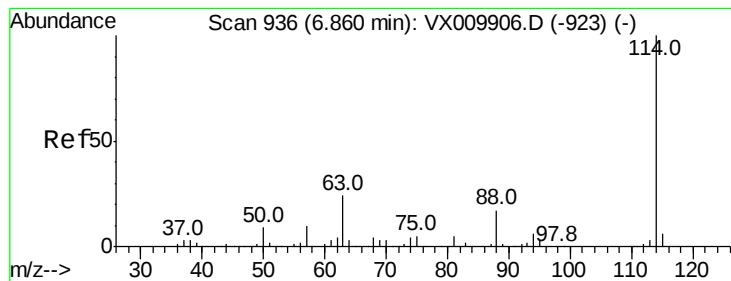


Abundance

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: VX010004.D

Acq: 31 May 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

S32-0660

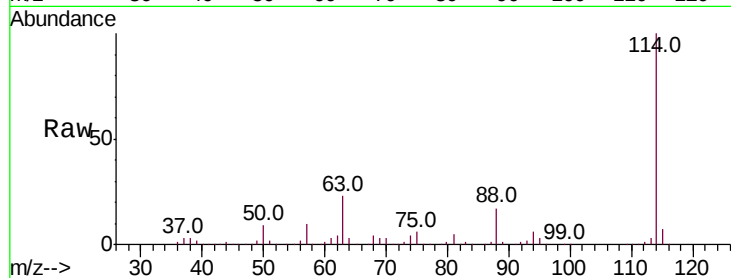
Tot Ion:114 Resp: 290691

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.4

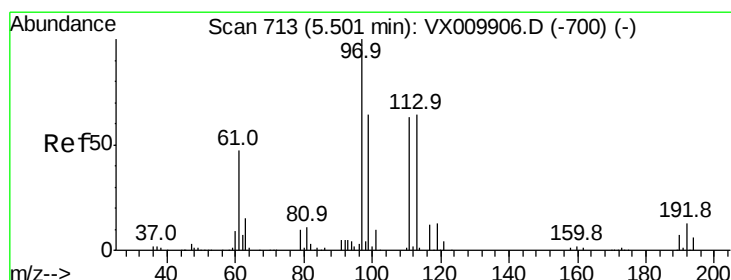
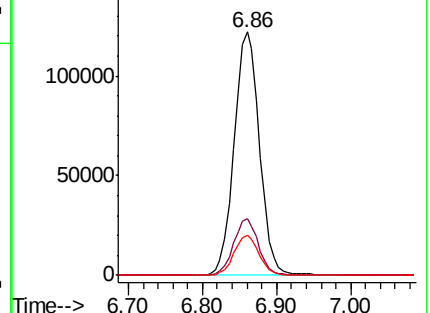
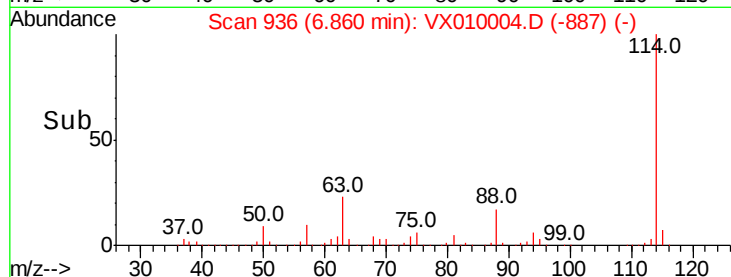
88 16.7 0.0 33.0



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: 49.165 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

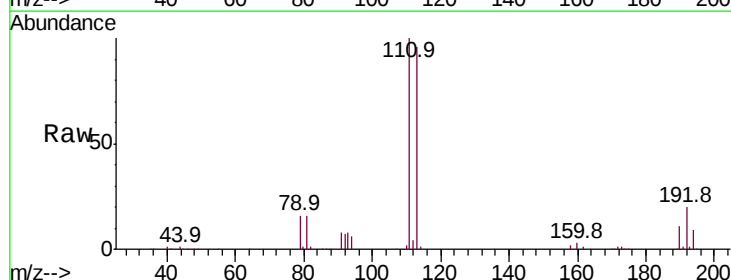
Tgt Ion:113 Resp: 89853

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

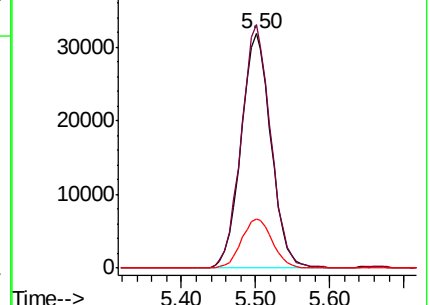
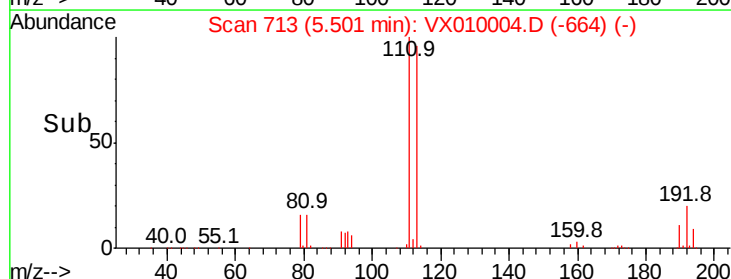
192 21.6 17.1 25.7

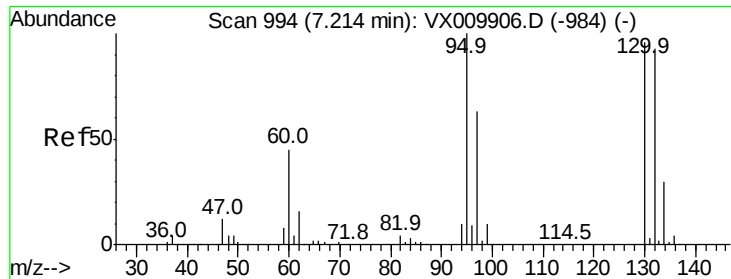


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 30.757 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

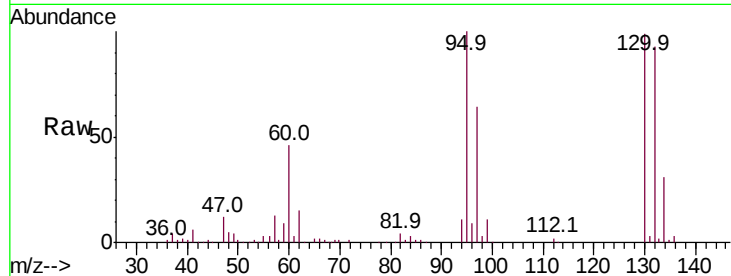
S32-0660

Tot Ion:130 Resp: 65365

Ion Ratio Lower Upper

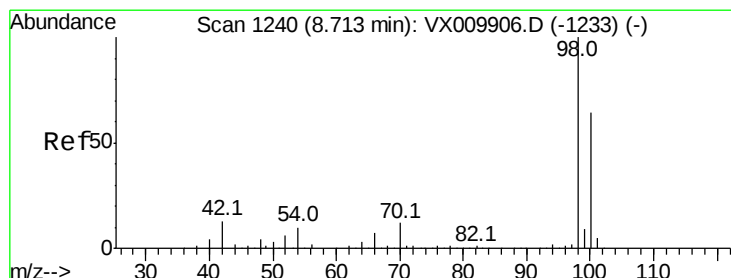
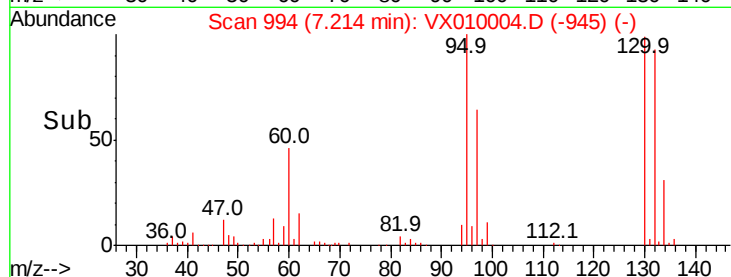
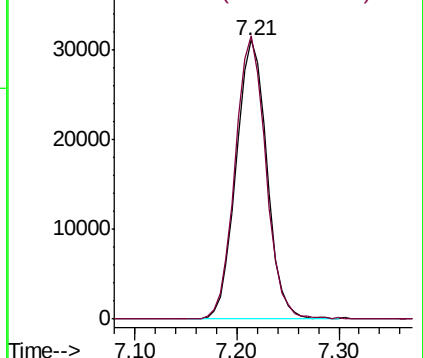
130 100

95 101.3 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.772 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010004.D

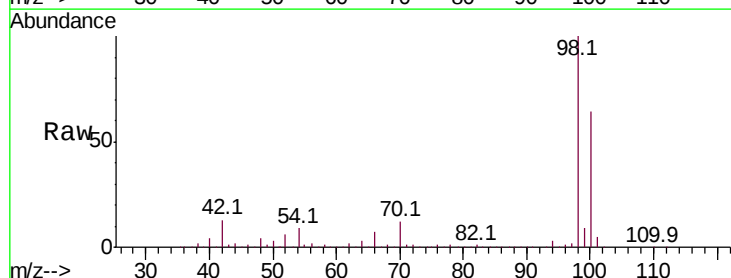
Acq: 31 May 2019 23:47

Tgt Ion: 98 Resp: 369377

Ion Ratio Lower Upper

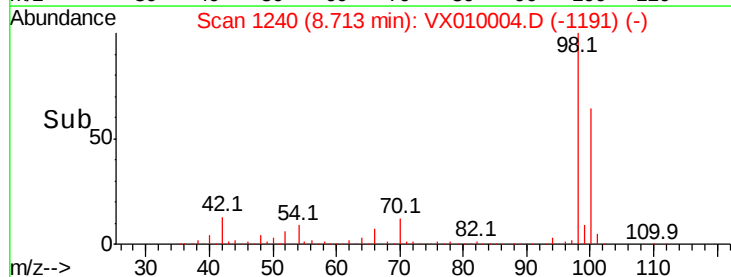
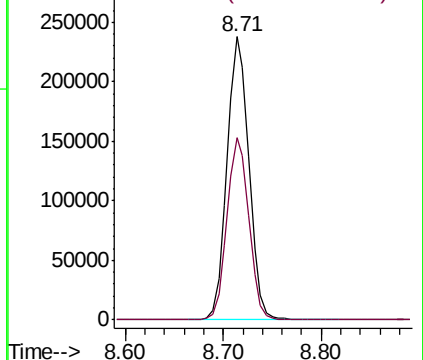
98 100

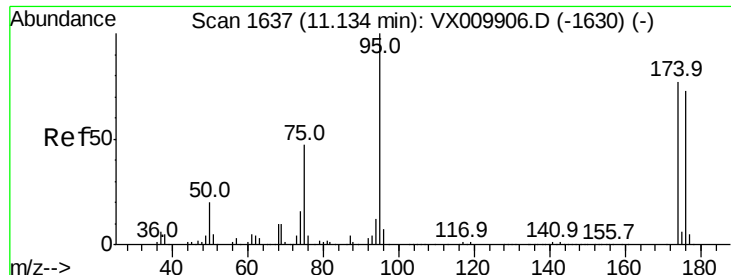
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.463 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

Instrument :

MSVOA_X

ClientSampleId :

S32-0660

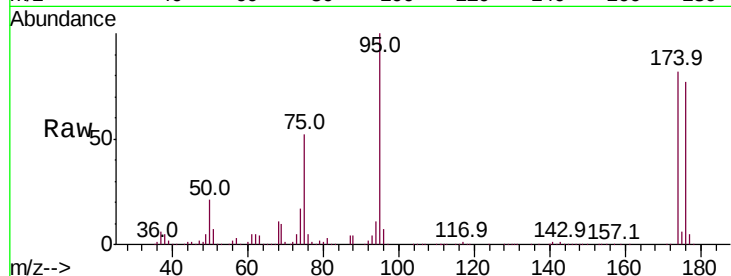
Tot Ion: 95 Resp: 126520

Ion Ratio Lower Upper

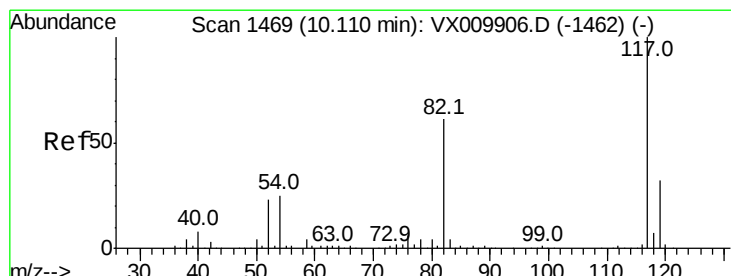
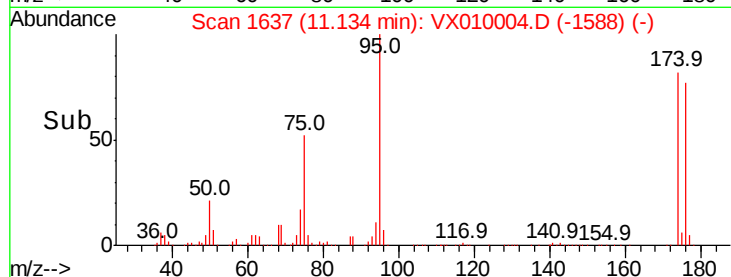
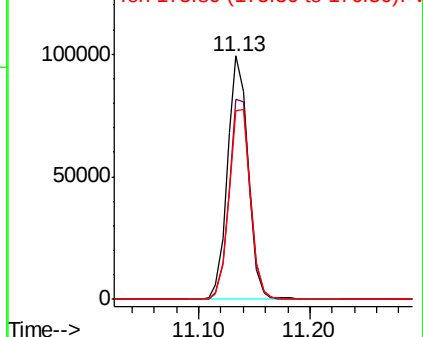
95 100

174 84.5 0.0 160.4

176 80.9 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010004.D

Acq: 31 May 2019 23:47

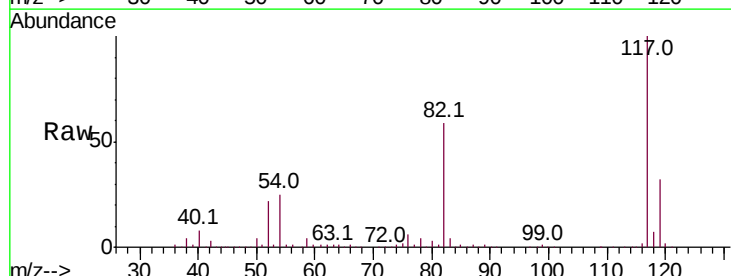
Tgt Ion: 117 Resp: 263793

Ion Ratio Lower Upper

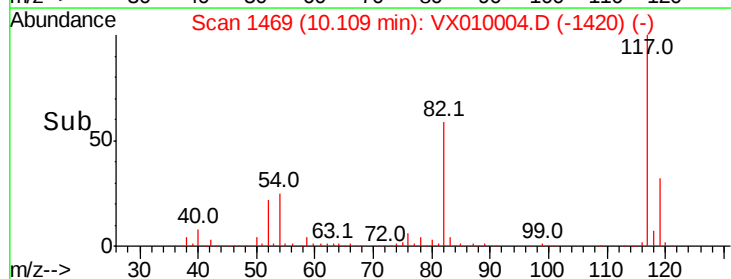
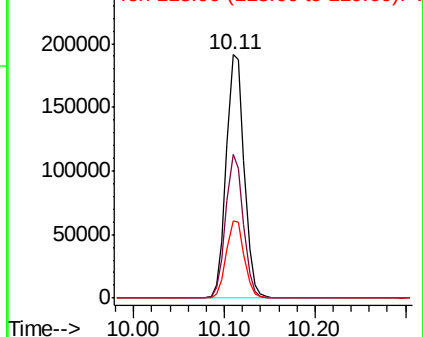
117 100

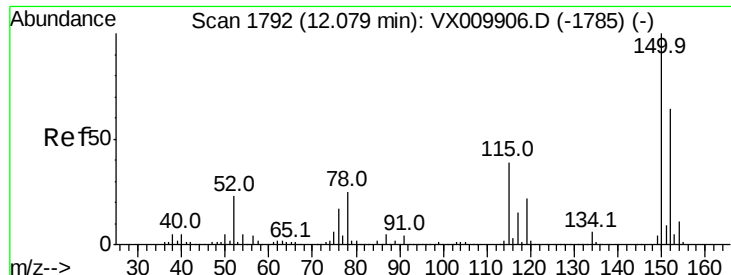
82 59.1 49.2 73.8

119 31.8 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

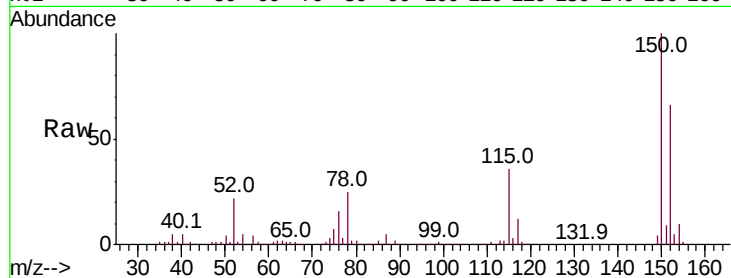




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX010004.D
 Acq: 31 May 2019 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0660

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.4	41.4	124.2
150	155.4	0.0	345.2



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

