

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009759.D
 Acq On : 21 May 2019 19:41
 Operator : JC/SP
 Sample : K2973-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0152

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 10:39:38 AM

Quant Time: May 22 10:49:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106526	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117958	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
35) Dibromofluoromethane	5.50	113	85535	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	351930	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	118627	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	33582	15.750	ug/l	96
16) Acetone	2.45	43	1828	1.435	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	12839	7.260	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	27042	12.810	ug/l	88
40) Benzene	6.15	78	16649	2.085	ug/l	92
65) Chlorobenzene	10.13	112	142486	28.748	ug/l	100
85) sec-Butylbenzene	11.94	105	1933	0.257	ug/l #	76
87) 1,3-Dichlorobenzene	12.02	146	1039	0.303	ug/l	91
88) 1,4-Dichlorobenzene	12.10	146	5837m	1.689	ug/l	

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

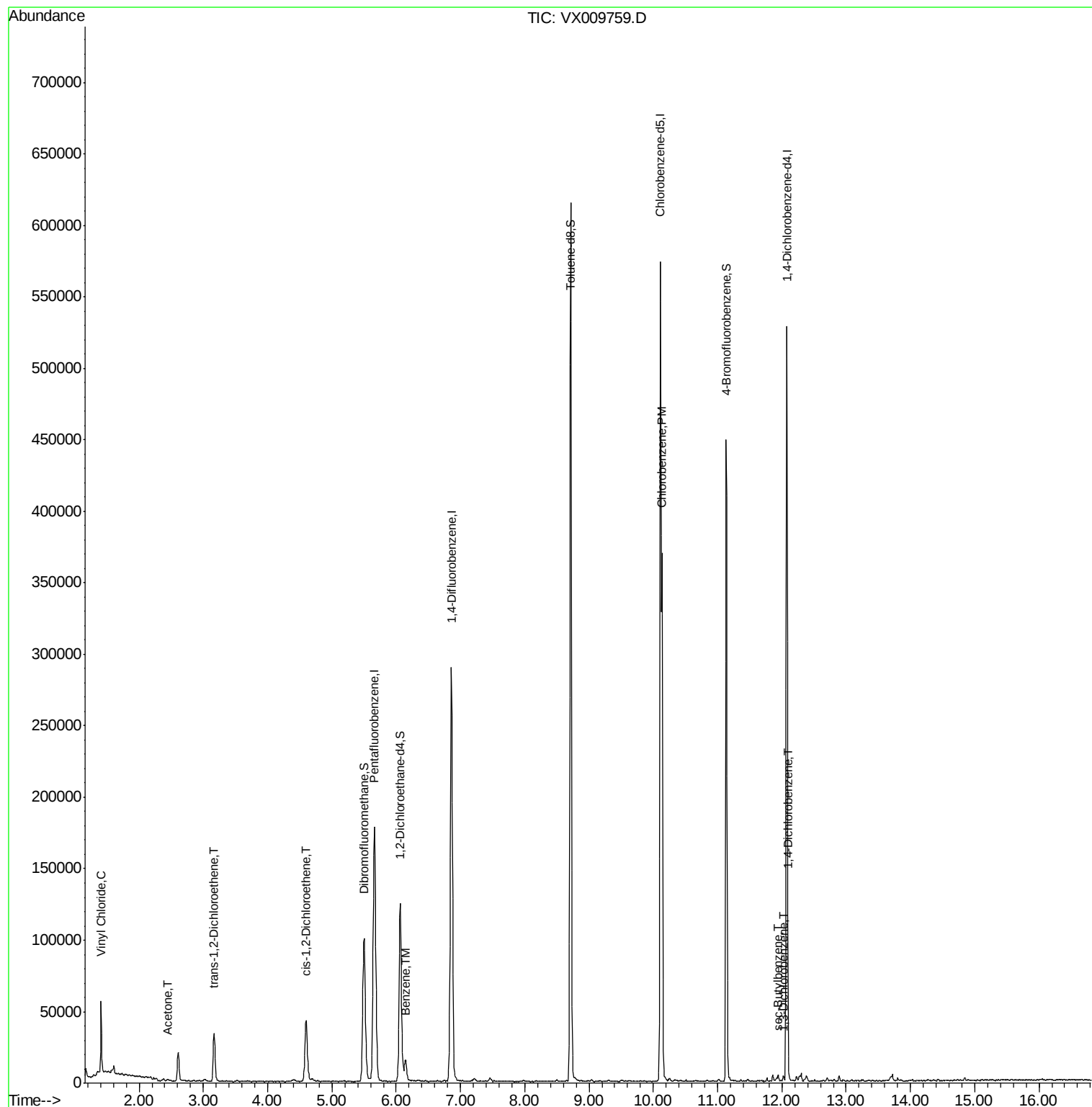
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052119\
Data File : VX009759.D
Acq On : 21 May 2019 19:41
Operator : JC/SP
Sample : K2973-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

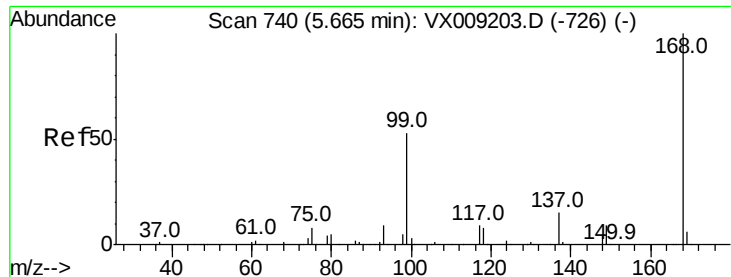
Instrument :
MSVOA_X
ClientSampleId :
S36-0152

Manual Integrations
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5/22/2019 10:39:38 AM

Quant Time: May 22 10:49:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009759.D

Acq: 21 May 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

S36-0152

Tot Ion:168 Resp: 173798

Ion Ratio Lower Upper

168 100

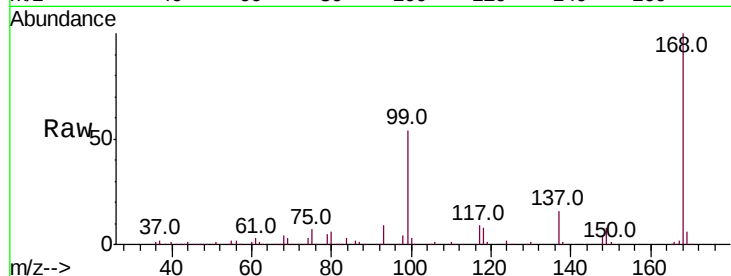
99 53.7 42.3 63.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

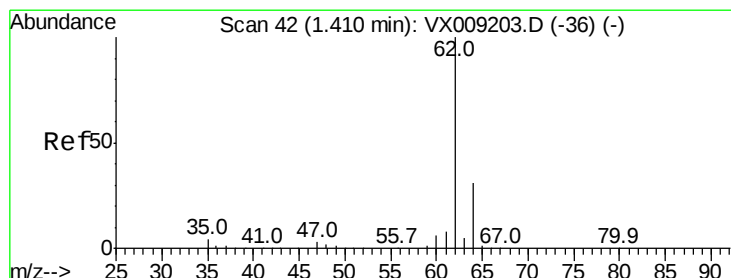
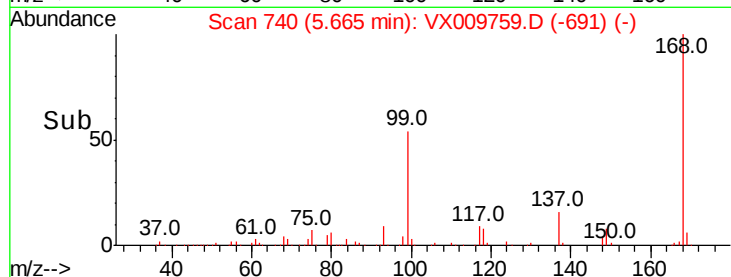
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 15.750 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009759.D

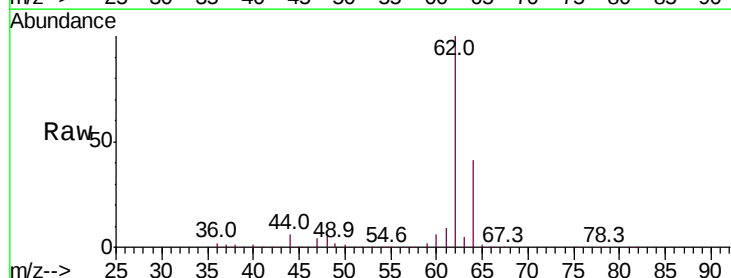
Acq: 21 May 2019 19:41

Tgt Ion: 62 Resp: 33582

Ion Ratio Lower Upper

62 100

64 32.8 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

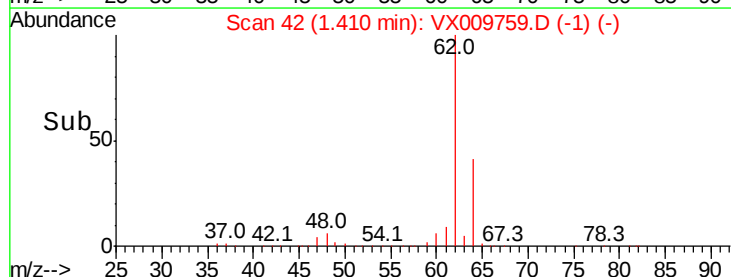
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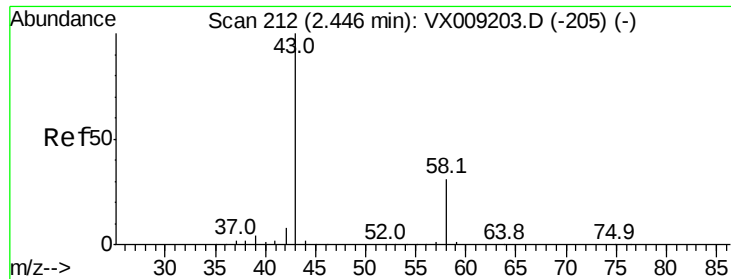
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Time-->





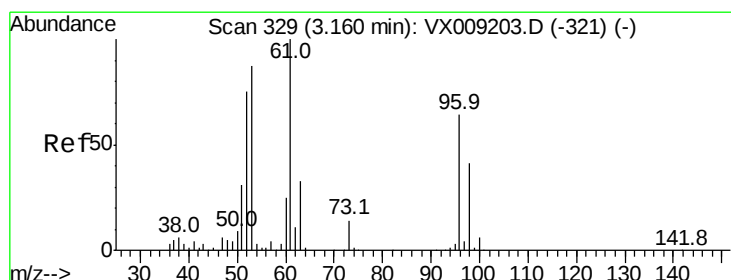
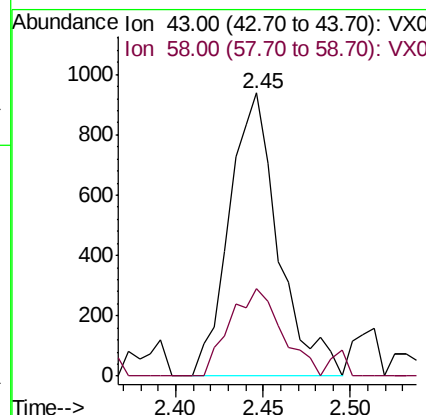
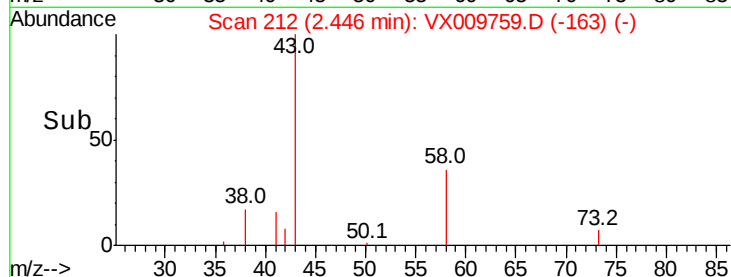
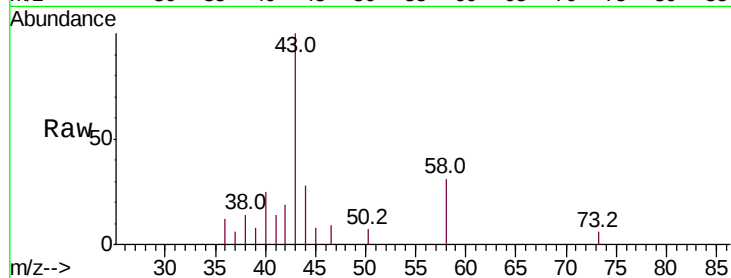
#16
Acetone
Concen: 1.435 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX009759.D
Acq: 21 May 2019 19:41

Instrument :
MSVOA_X
ClientSampled :
S36-0152

Tot Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 31.0 24.9 37.3

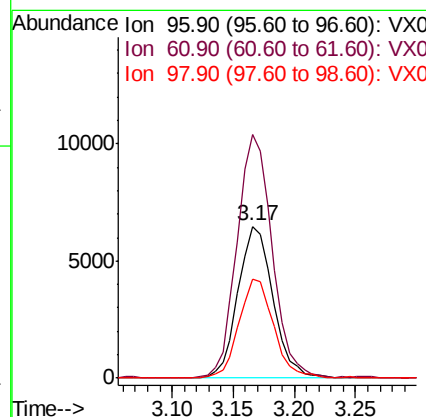
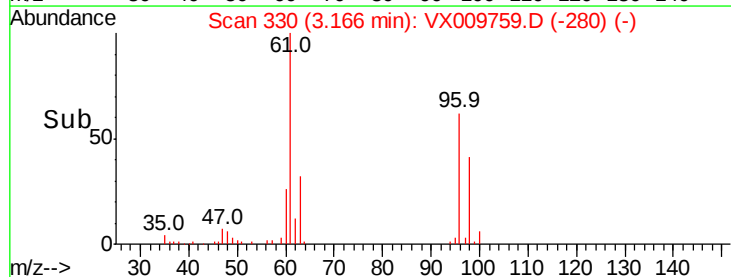
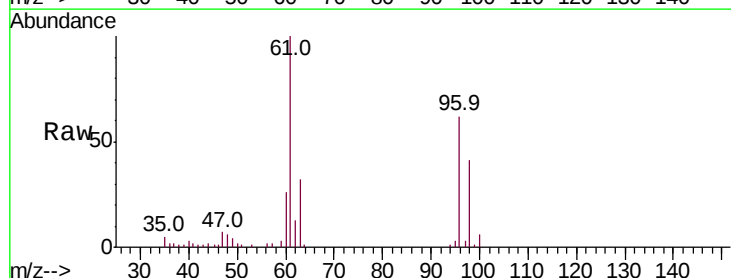
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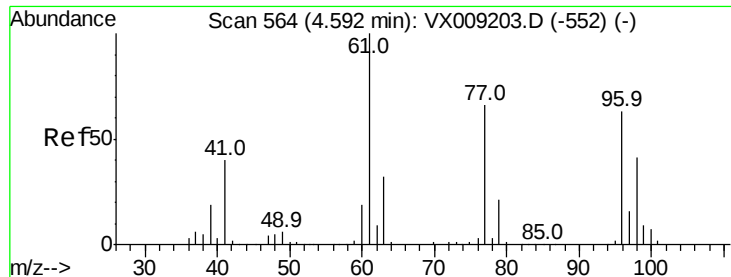
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#21
trans-1,2-Dichloroethene
Concen: 7.260 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009759.D
Acq: 21 May 2019 19:41

Tgt Ion: 96 Resp: 12839
Ion Ratio Lower Upper
96 100
61 159.6 124.5 186.7
98 65.6 50.4 75.6





#27

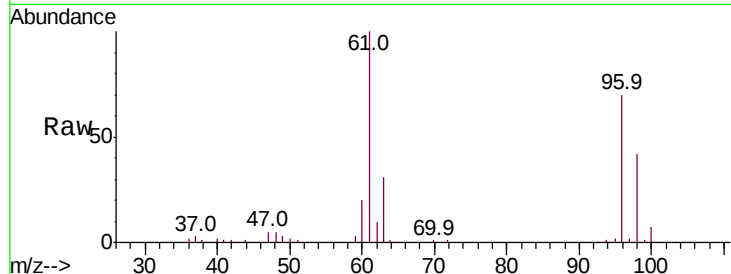
cis-1,2-Dichloroethene
Concen: 12.810 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009759.D
Acq: 21 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
S36-0152

Tot Ion	Ratio	Resp	Lower	Upper
96	100	27042		
61	141.6	0.0	324.0	
98	62.3	0.0	130.4	

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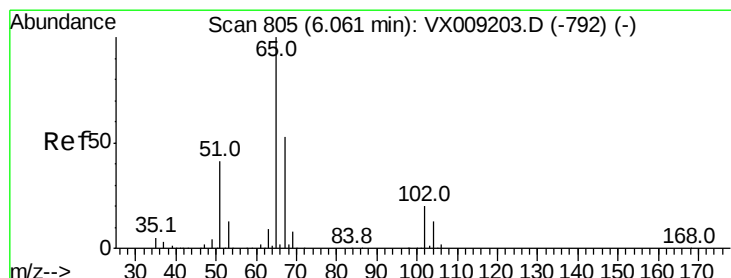
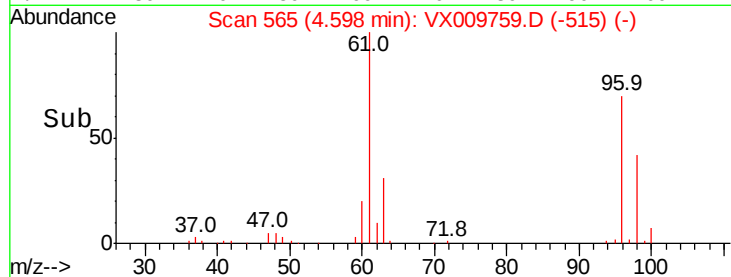
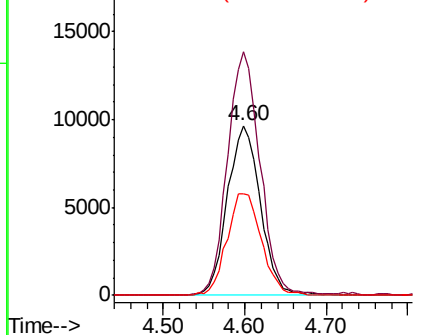


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

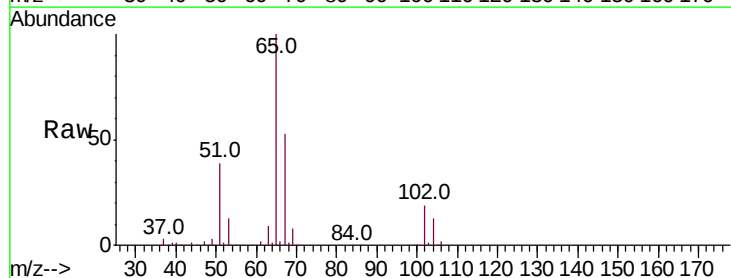
Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4
Concen: 49.718 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009759.D
Acq: 21 May 2019 19:41

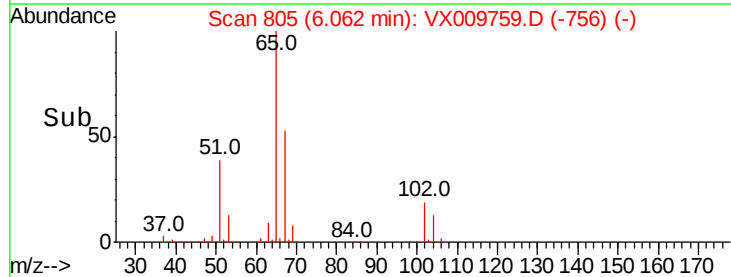
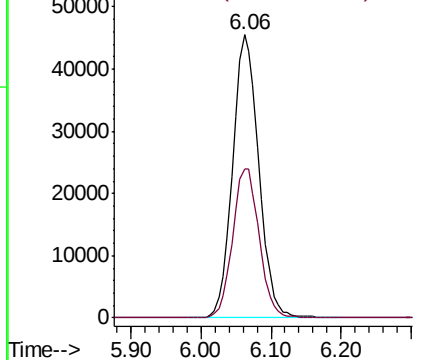
Tgt Ion	Ratio	Resp	Lower	Upper
65	100	117958		
67	53.7	0.0	106.6	

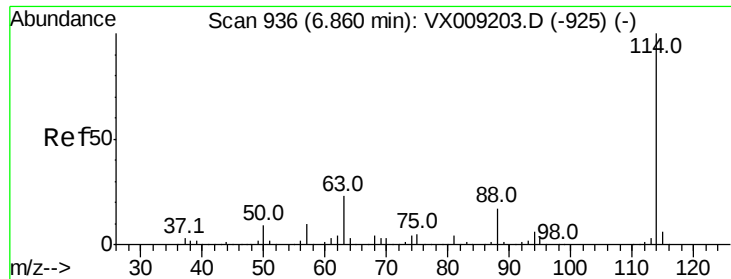


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





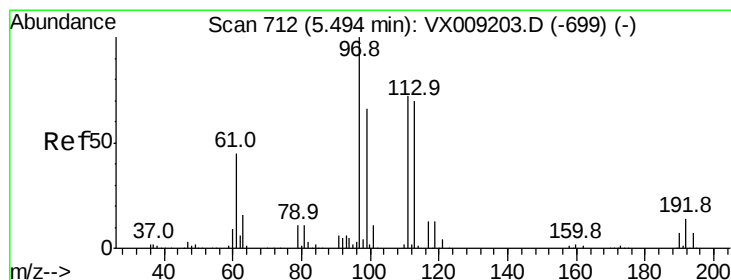
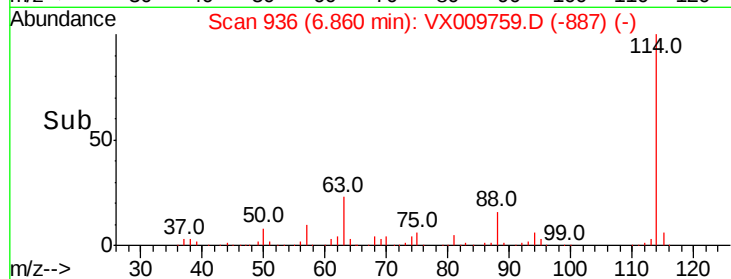
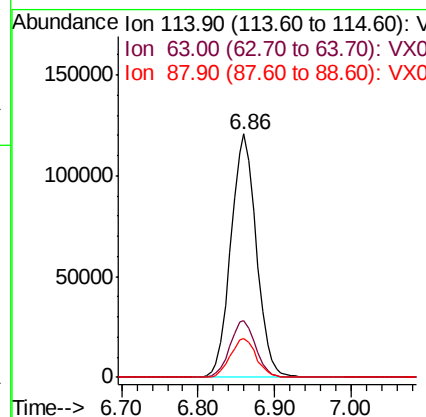
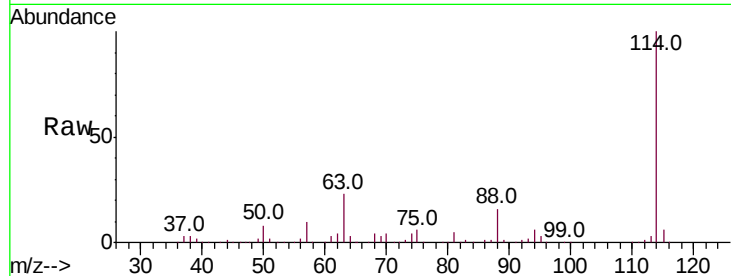
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009759.D
 Acq: 21 May 2019 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0152

Tot Ion	Ratio	Resp	Lower	Upper
114	100	277579		
63	23.2	0.0	45.6	
88	16.0	0.0	33.2	

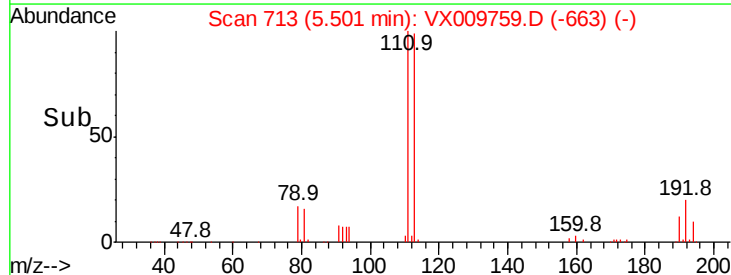
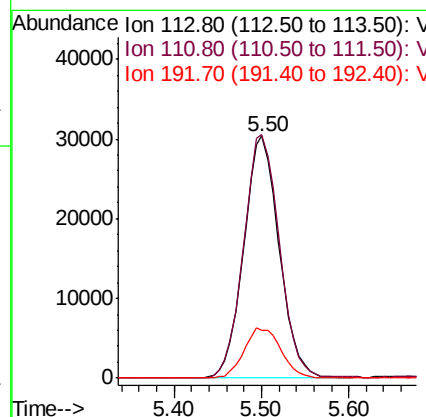
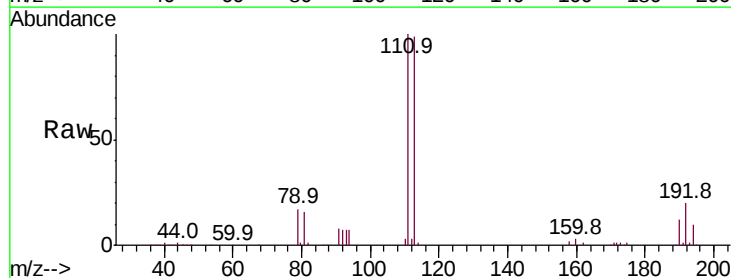
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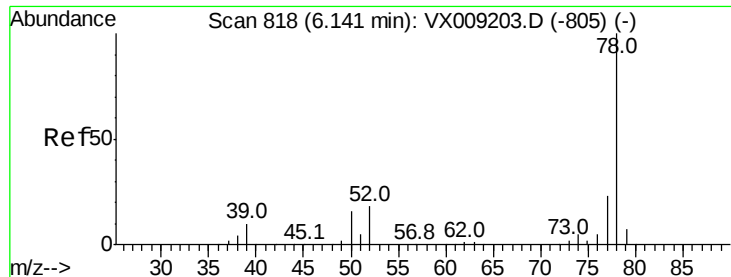
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#35
 Dibromofluoromethane
 Concen: 49.018 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009759.D
 Acq: 21 May 2019 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	85535		
111	102.0	82.8	124.2	
192	21.6	17.0	25.6	





#40

Benzene

Concen: 2.085 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX009759.D

Acq: 21 May 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

S36-0152

Tot Ion: 78 Resp: 16649

Ion Ratio Lower Upper

78 100

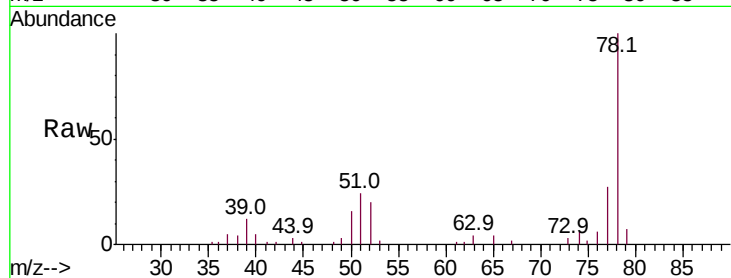
77 27.2 18.8 28.2

Manual Integrations

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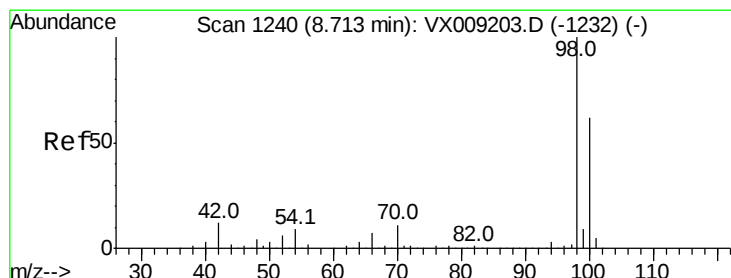
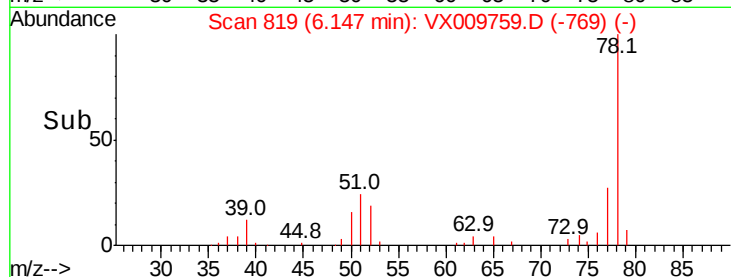
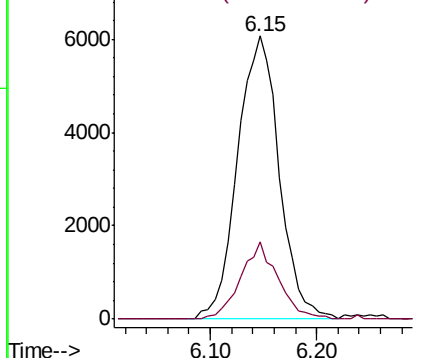
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.955 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009759.D

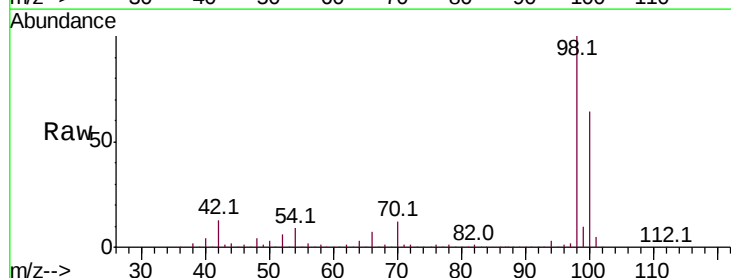
Acq: 21 May 2019 19:41

Tgt Ion: 98 Resp: 351930

Ion Ratio Lower Upper

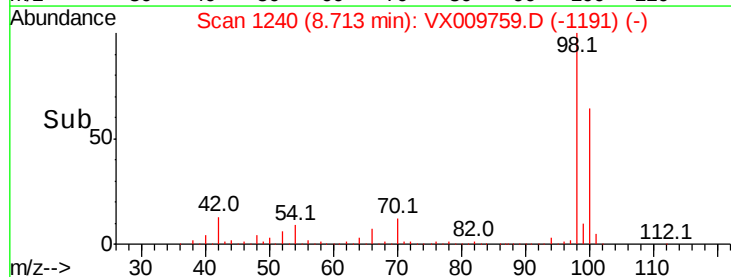
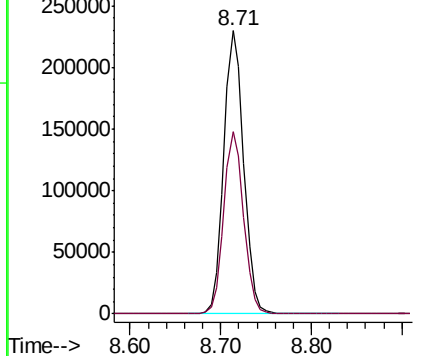
98 100

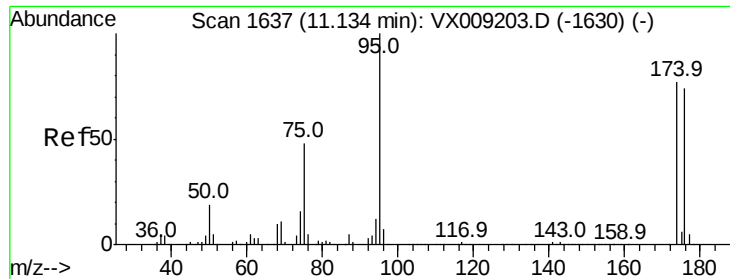
100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





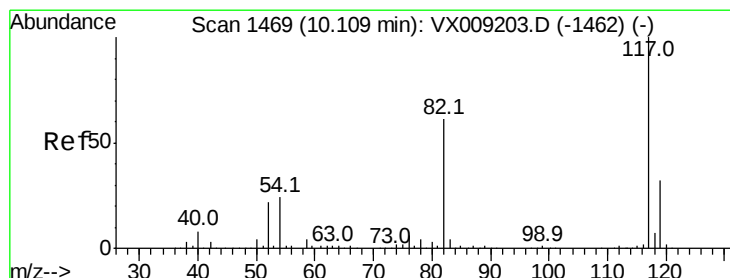
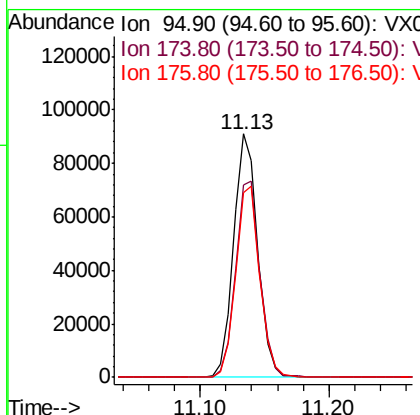
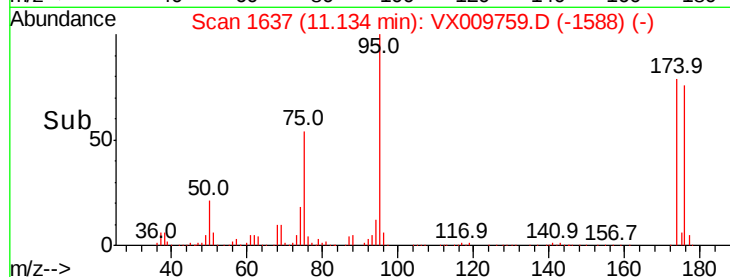
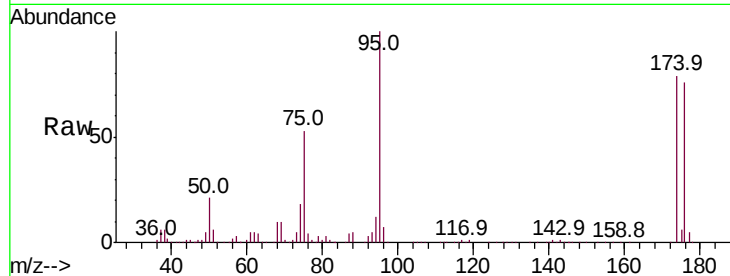
#62
4-Bromofluorobenzene
Concen: 46.341 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009759.D
Acq: 21 May 2019 19:41

Instrument :
MSVOA_X
ClientSampleId :
S36-0152

Tot Ion	Ratio	Resp	Lower	Upper
95	100	118627		
174	81.2	0.0	161.6	
176	78.4	0.0	159.2	

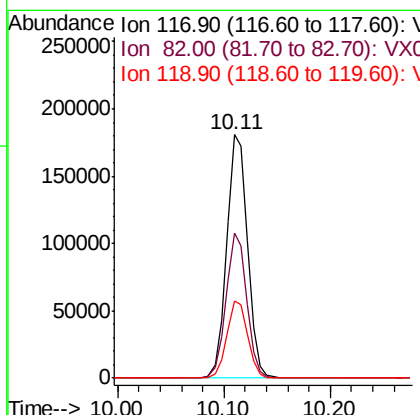
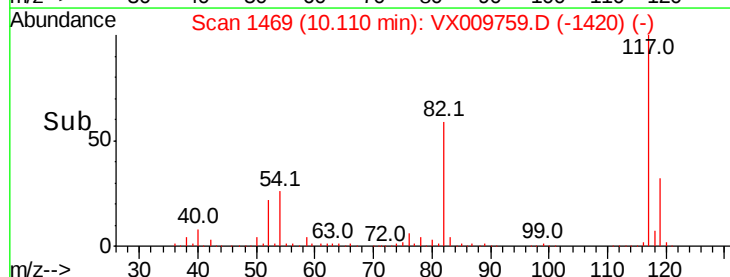
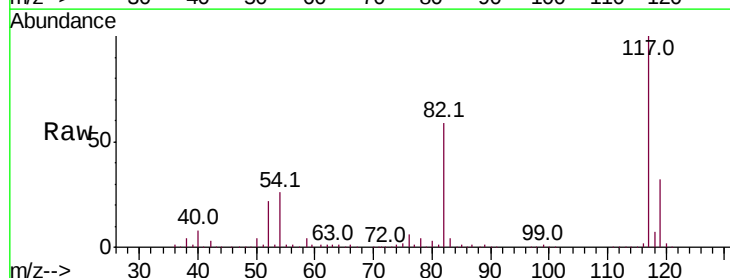
Manual Integrations
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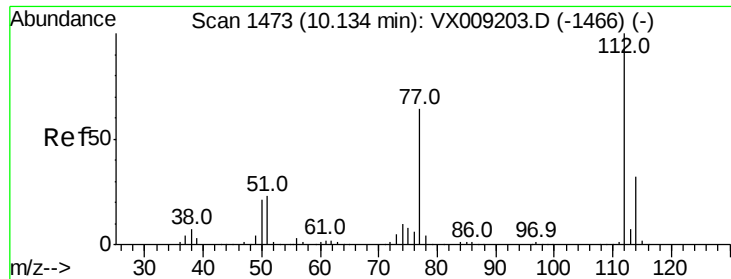
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009759.D
Acq: 21 May 2019 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	247759		
82	59.5	48.8	73.2	
119	31.7	25.8	38.6	





#65

Chlorobenzene

Concen: 28.748 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009759.D

Acq: 21 May 2019 19:41

Instrument :

MSVOA_X

ClientSampled :

S36-0152

Tot Ion:112 Resp: 142486

Ion Ratio Lower Upper

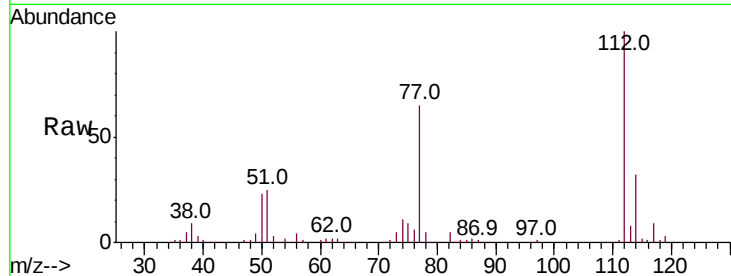
112 100

114 32.1 25.5 38.3

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

40000

20000

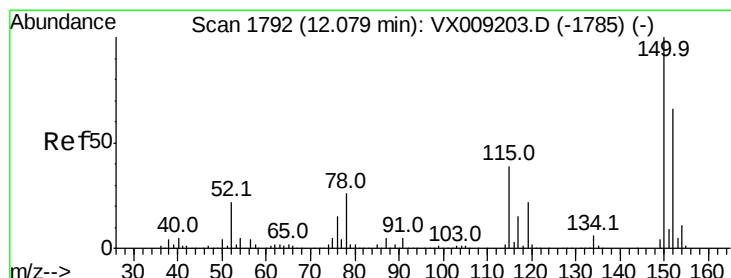
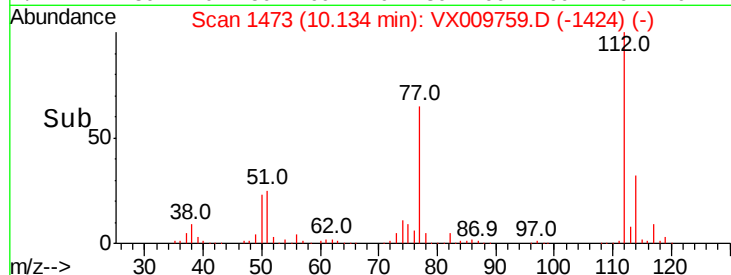
0

10.10

10.13

10.20

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009759.D

Acq: 21 May 2019 19:41

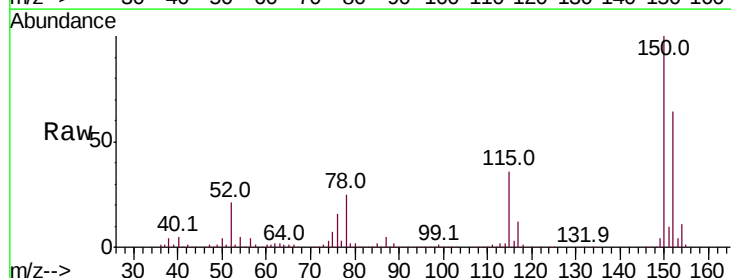
Tgt Ion:152 Resp: 106526

Ion Ratio Lower Upper

152 100

115 58.6 41.2 123.6

150 157.7 0.0 346.4



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

150000

100000

50000

0

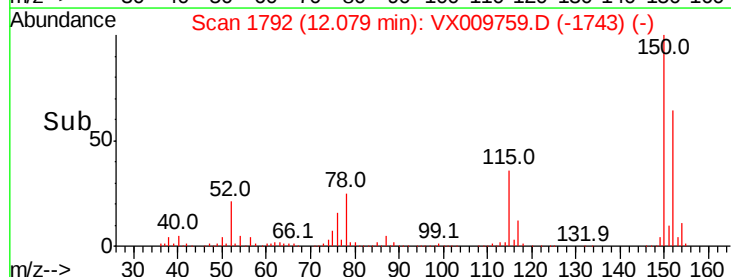
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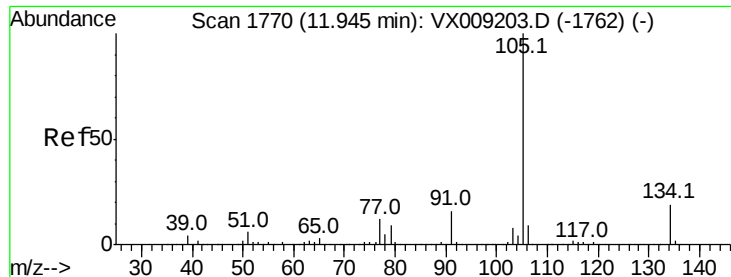
12.05

12.08

12.15

Time-->





#85

sec-Butylbenzene

Concen: 0.257 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009759.D

Acq: 21 May 2019 19:41

Instrument :

MSVOA_X

ClientSampleId :

S36-0152

Tot Ion:105 Resp: 1933

Ion Ratio Lower Upper

105 100

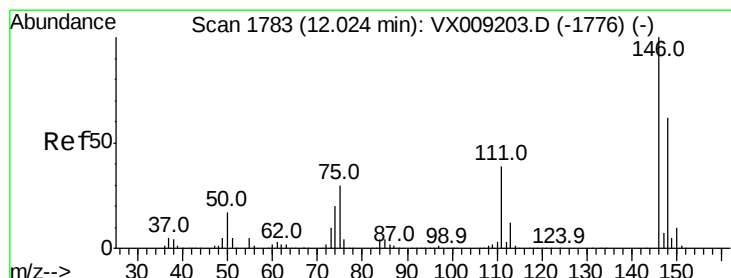
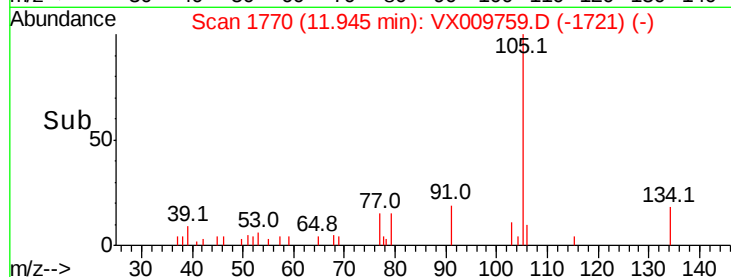
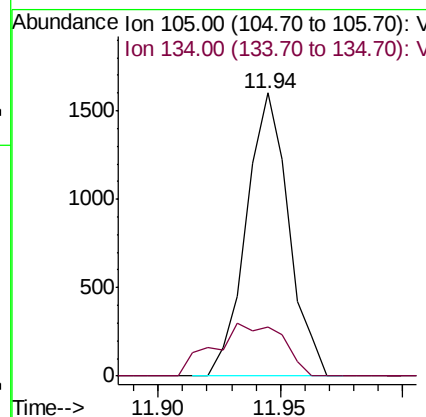
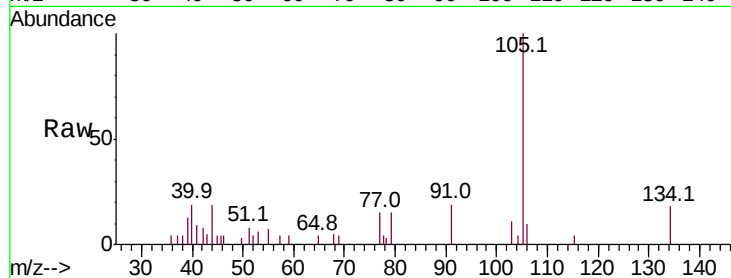
134 30.2 9.7 28.9#

Manual Integrations

APPROVED

MMDadoda

5/22/2019 10:39:38 AM



#87

1,3-Dichlorobenzene

Concen: 0.303 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009759.D

Acq: 21 May 2019 19:41

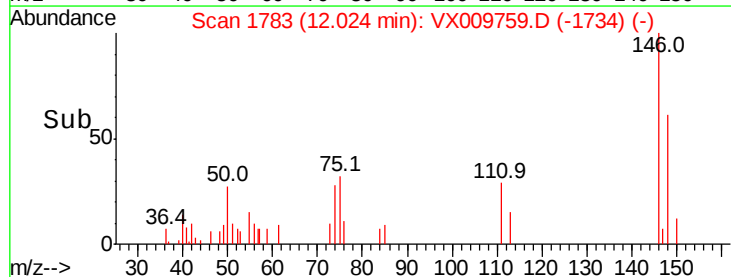
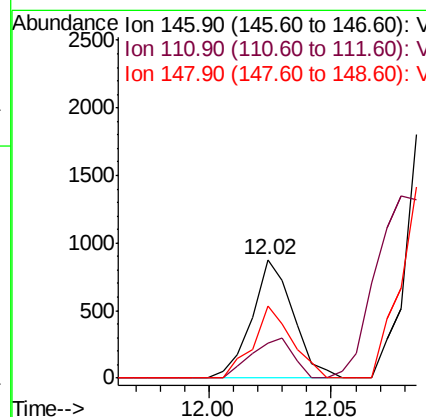
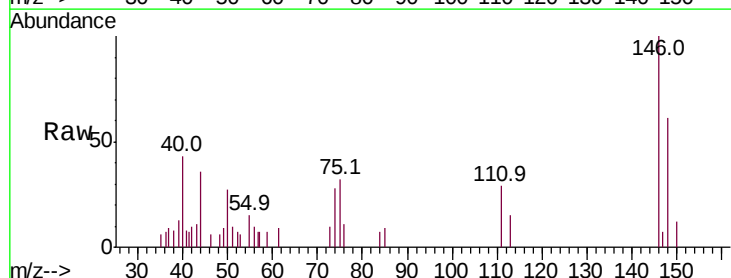
Tgt Ion:146 Resp: 1039

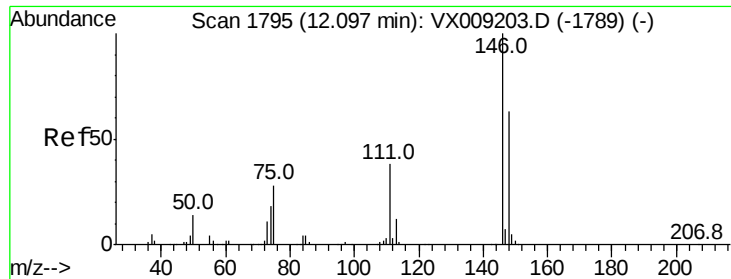
Ion Ratio Lower Upper

146 100

111 33.5 20.0 59.9

148 57.2 31.8 95.3





#88
 1,4-Dichlorobenzene
 Concen: 1.689 ug/l m
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009759.D
 Acq: 21 May 2019 19:41

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0152

Tot Ion	Ratio	Resp	Lower	Upper
146	100	5837		
111	6.0	19.6	58.8#	
148	10.2	31.8	95.3#	

Manual Integrations
 APPROVED

MMDadoda
 5/22/2019 10:39:38 AM

