

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070919\
 Data File : VX010757.D
 Acq On : 09 Jul 2019 17:44
 Operator : JC/SP
 Sample : K3691-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705DL

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:20:10 AM

Quant Time: Jul 10 04:26:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	333857	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	317798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	105629	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
35) Dibromofluoromethane	5.49	113	100726	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	8.71	98	401325	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	11.13	95	139399	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	73200	38.789	ug/l	98
11) Tert butyl alcohol	3.08	59	1589m	3.043	ug/l	
16) Acetone	2.45	43	2269	2.269	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	6988	3.522	ug/l	97
24) 1,1-Dichloroethane	3.69	63	12159	3.842	ug/l #	96
27) cis-1,2-Dichloroethene	4.59	96	167077	72.874	ug/l	92
40) Benzene	6.14	78	3575	0.433	ug/l #	90
65) Chlorobenzene	10.14	112	3815	0.591	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	3238	0.651	ug/l	95

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

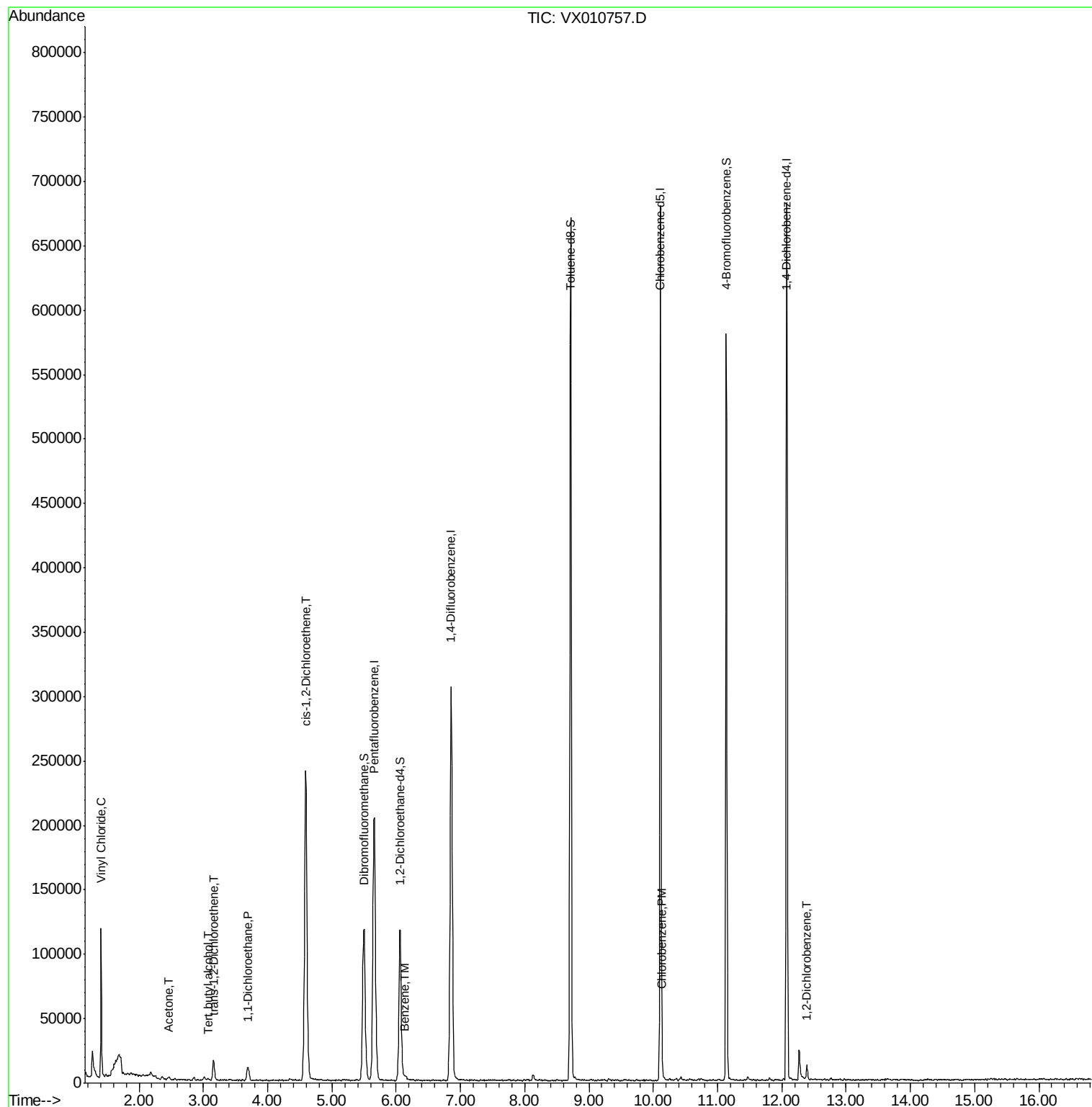
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070919\
Data File : VX010757.D
Acq On : 09 Jul 2019 17:44
Operator : JC/SP
Sample : K3691-07DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

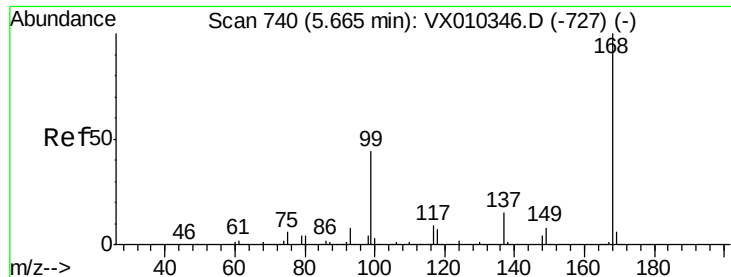
Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-190705DL

Manual Integrations
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7/10/2019 10:20:10 AM

Quant Time: Jul 10 04:26:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010757.D

Acq: 09 Jul 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-190705DL

Tot Ion:168 Resp: 212824

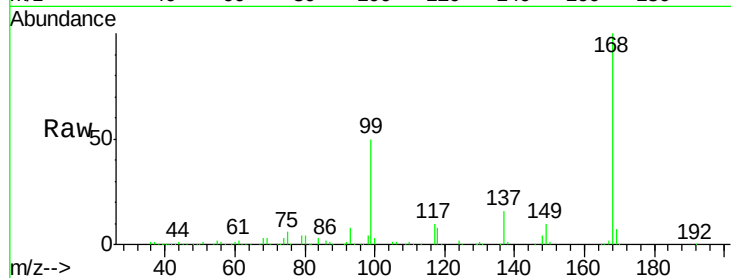
Ion Ratio Lower Upper

168 100

99 50.1 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

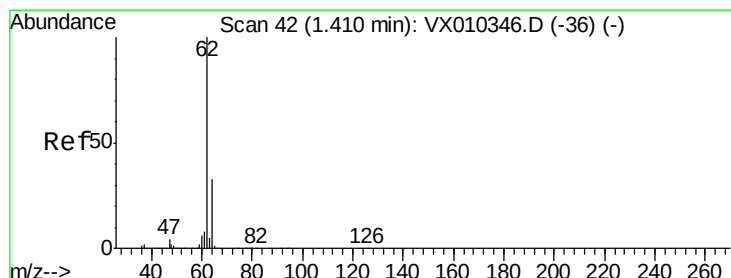
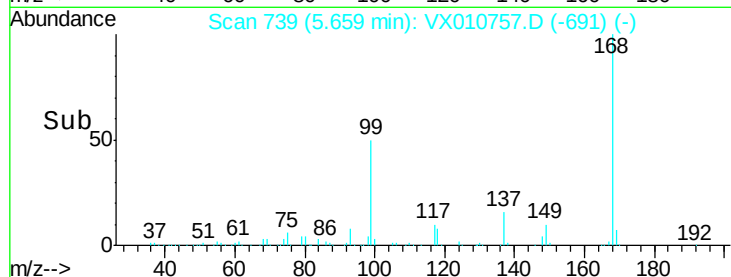
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 38.789 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010757.D

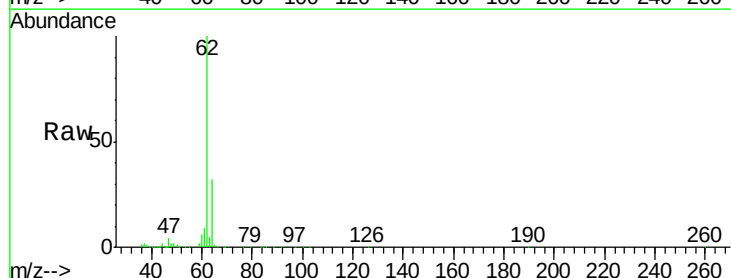
Acq: 09 Jul 2019 17:44

Tgt Ion: 62 Resp: 73200

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

80000

60000

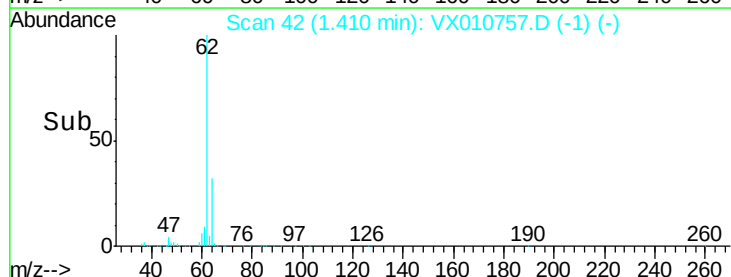
40000

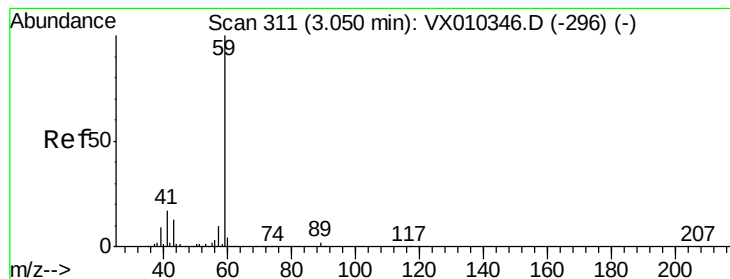
20000

0

1.35 1.40 1.45 1.50

Time-->





#11

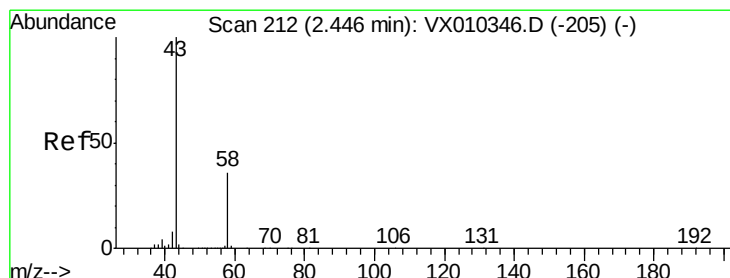
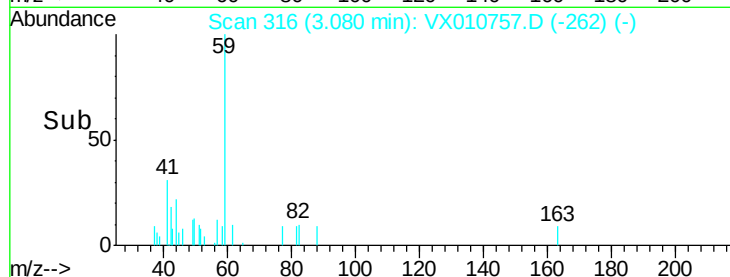
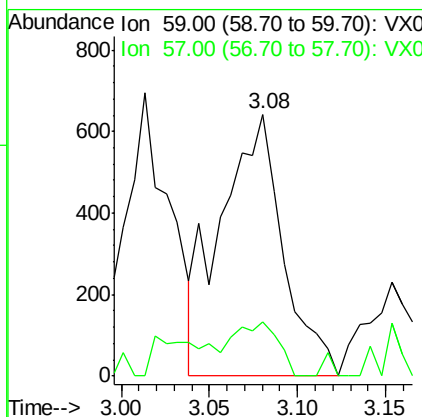
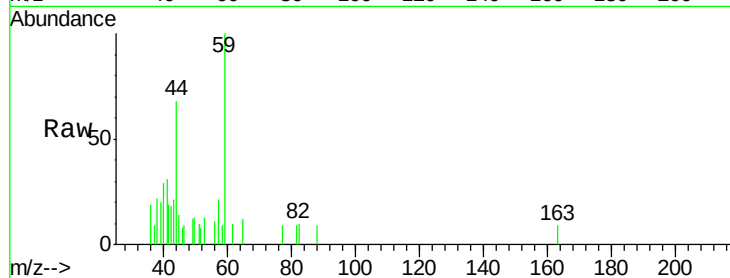
Tert butyl alcohol
 Concen: 3.043 ug/l m
 RT: 3.08 min Scan# 316
 Delta R.T. 0.03 min
 Lab File: VX010757.D
 Acq: 09 Jul 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705DL

Tot Ion	59	Resp	1589
Ion Ratio	100	Lower	Upper
57	9.4	7.7	11.5

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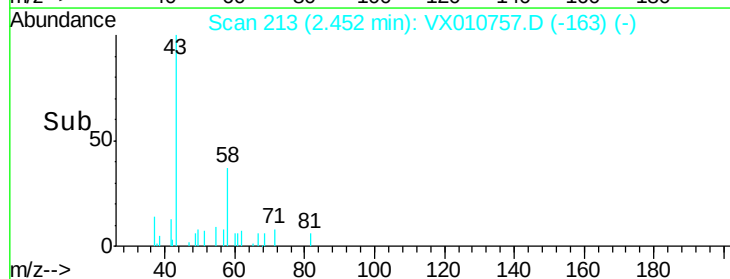
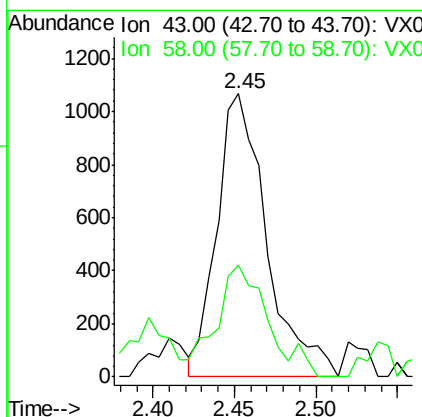
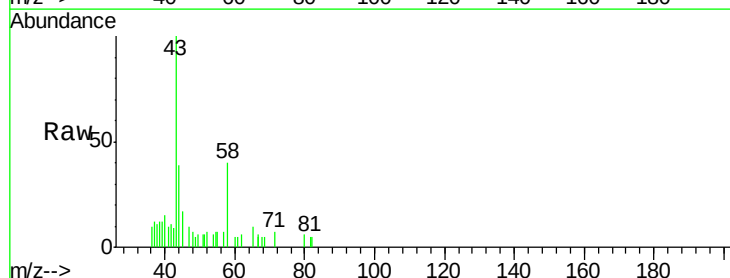
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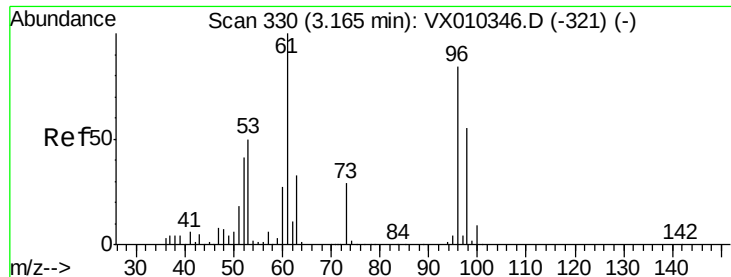


#16

Acetone
 Concen: 2.269 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX010757.D
 Acq: 09 Jul 2019 17:44

Tgt Ion	43	Resp	2269
Ion Ratio	100	Lower	Upper
58	39.6	28.9	43.3





#21

trans-1,2-Dichloroethene

Concen: 3.522 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010757.D

Acq: 09 Jul 2019 17:44

Instrument :

MSVOA_X

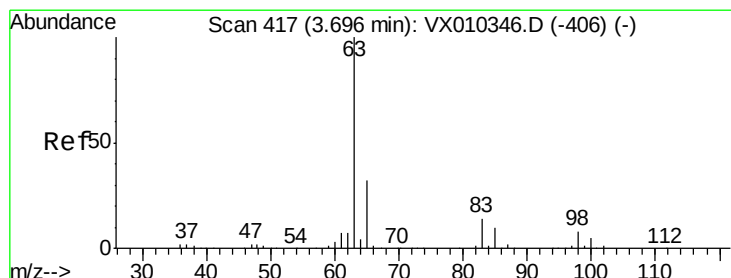
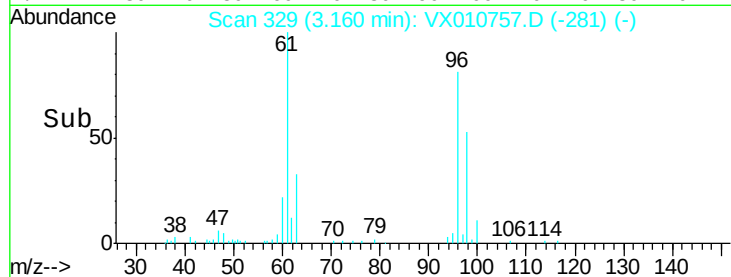
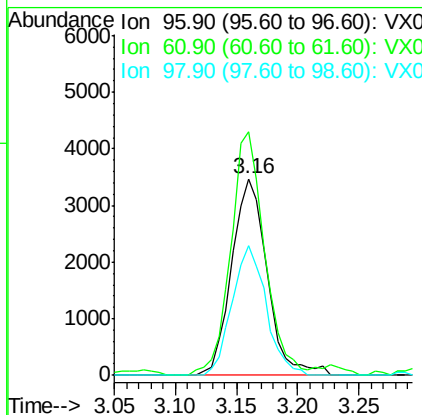
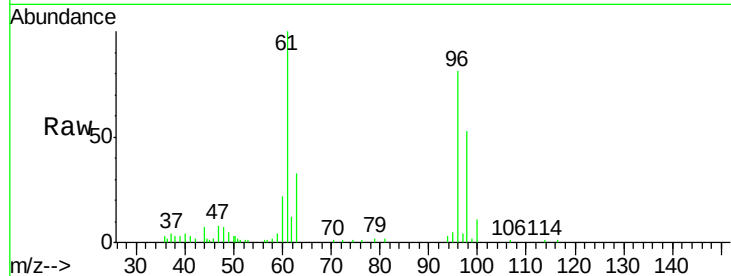
ClientSampleId :

WP022RW349-190705DL

Tot Ion:	96	Resp:	6988
Ion	Ratio	Lower	Upper
96	100		
61	123.9	95.6	143.4
98	66.3	52.5	78.7

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 3.842 ug/l

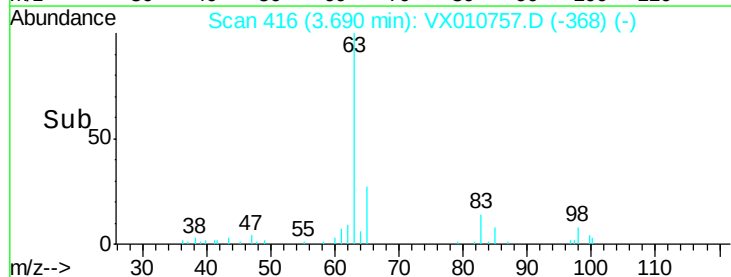
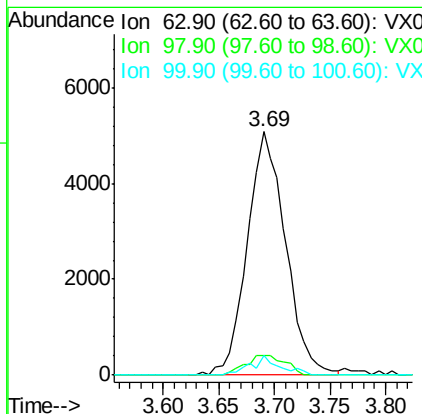
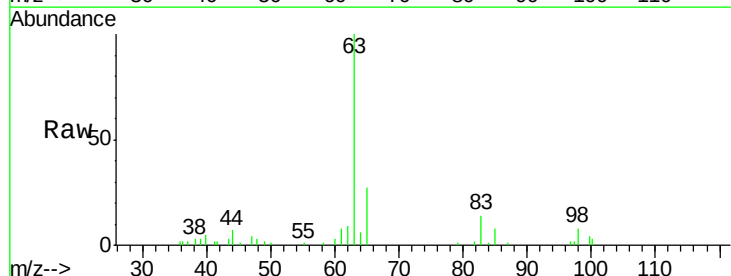
RT: 3.69 min Scan# 416

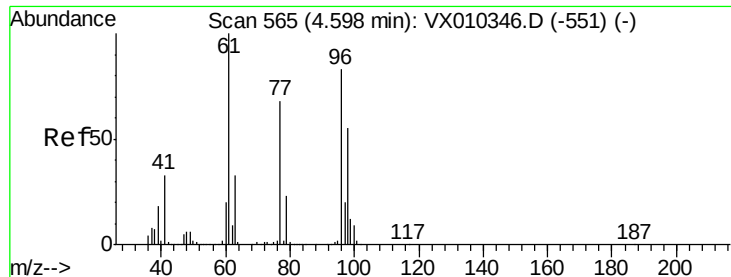
Delta R.T. -0.01 min

Lab File: VX010757.D

Acq: 09 Jul 2019 17:44

Tgt Ion:	63	Resp:	12159
Ion	Ratio	Lower	Upper
63	100		
98	8.0	3.9	11.7
100	7.9	2.4	7.1#





#27

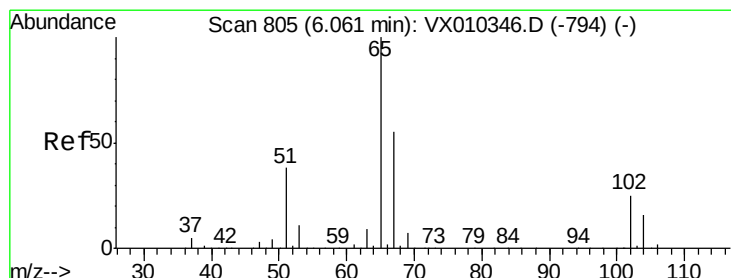
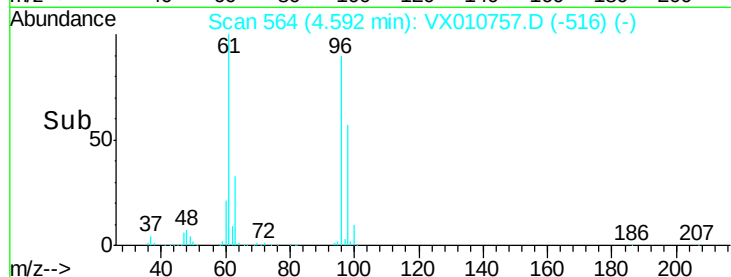
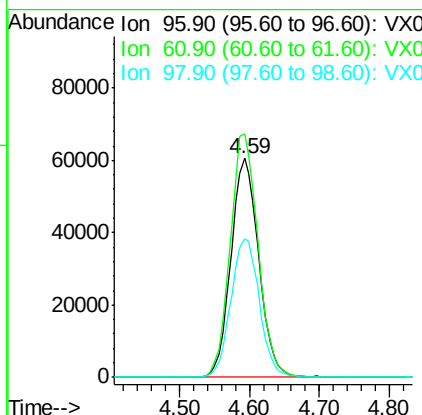
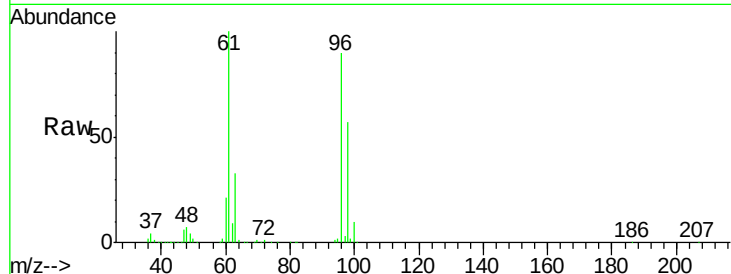
cis-1,2-Dichloroethene
 Concen: 72.874 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010757.D
 Acq: 09 Jul 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		167077		
61	111.8	0.0	251.8		
98	65.0	0.0	129.4		

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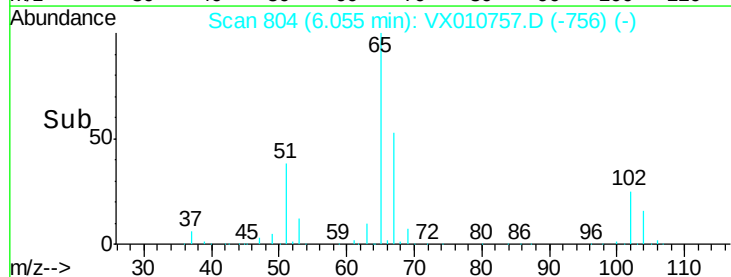
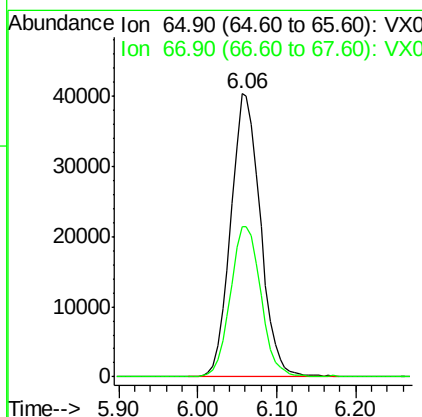
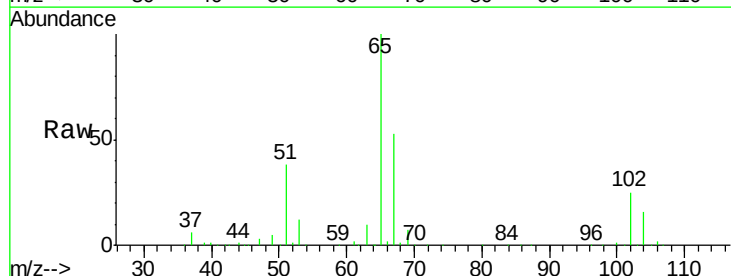
MMDadoda
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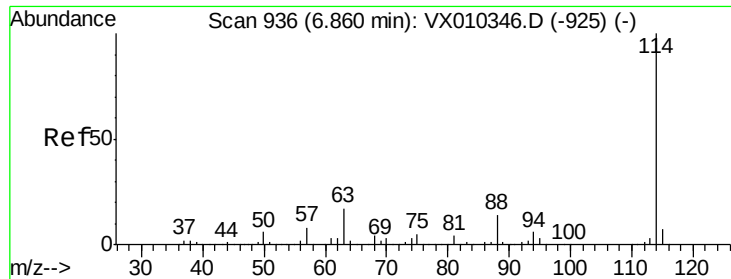


#33

1,2-Dichloroethane-d4
 Concen: 52.935 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010757.D
 Acq: 09 Jul 2019 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		105629		
67	54.6	0.0	110.2		





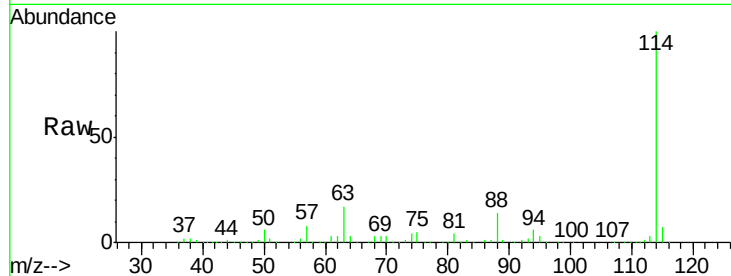
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX010757.D
Acq: 09 Jul 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-190705DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	333857		
63	17.2	0.0	33.8	
88	14.3	0.0	27.6	

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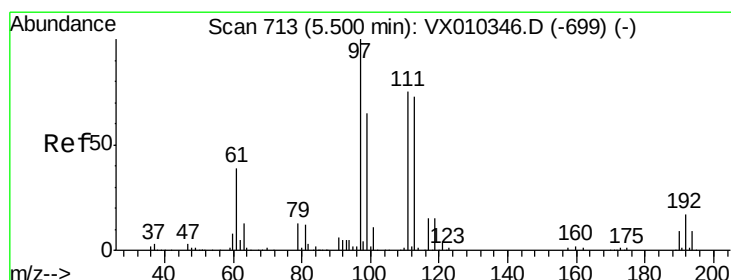
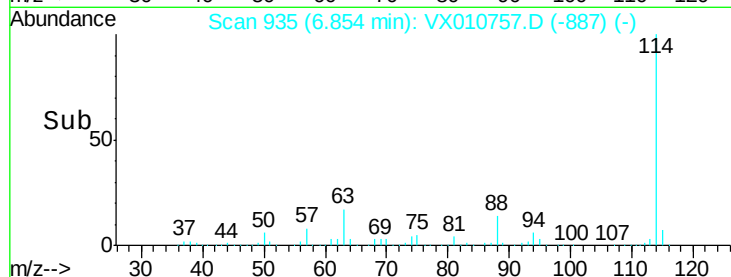
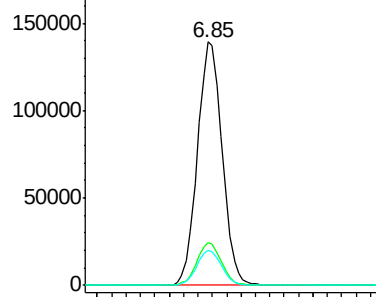
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Abundance Ion 113.90 (113.60 to 114.60): V

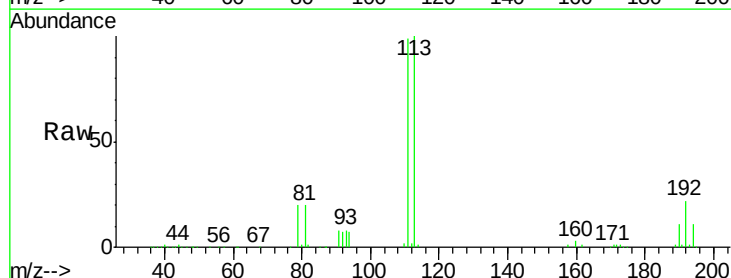
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
Dibromofluoromethane
Concen: 49.311 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010757.D
Acq: 09 Jul 2019 17:44

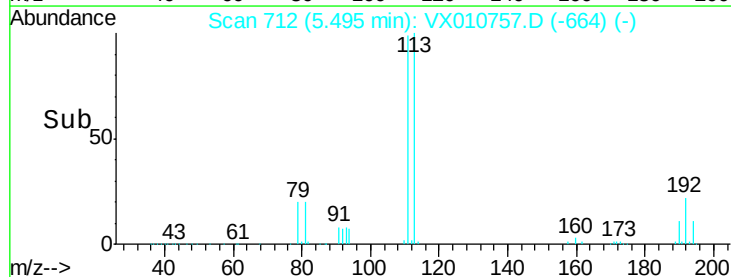
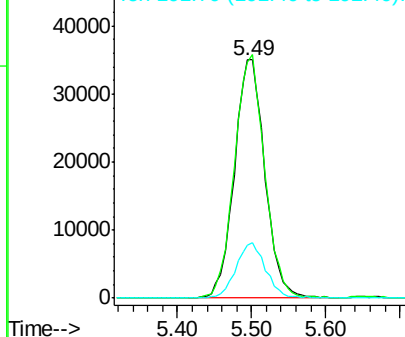
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	100726		
111	101.1	81.2	121.8	
192	22.4	18.6	27.8	

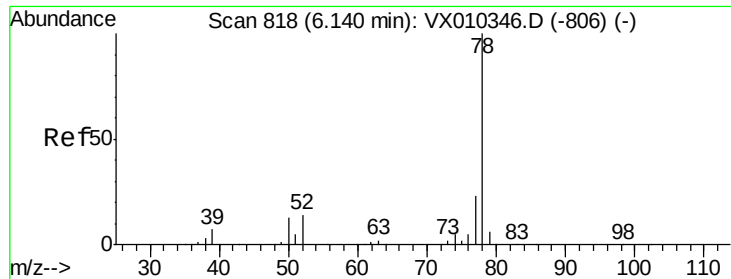


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.433 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX010757.D

Acq: 09 Jul 2019 17:44

Instrument :

MSVOA_X

ClientSampleId :

WP022RW349-190705DL

Tot Ion: 78 Resp: 3575

Ion Ratio Lower Upper

78 100

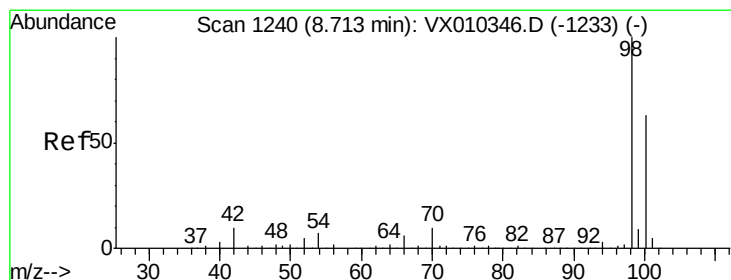
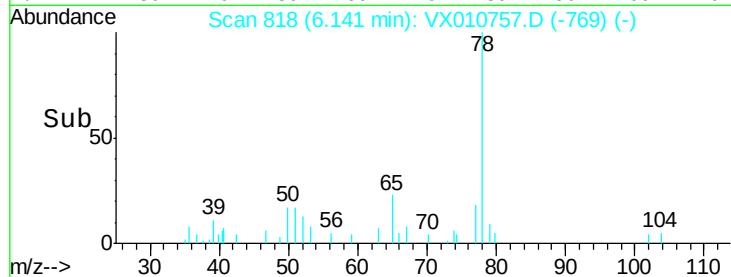
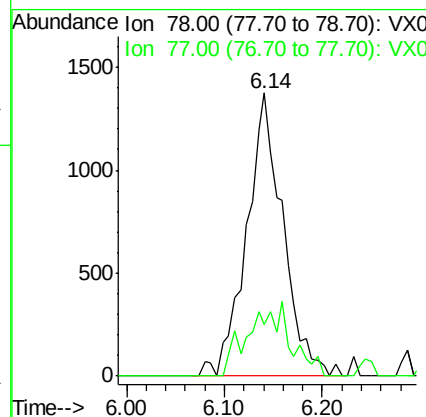
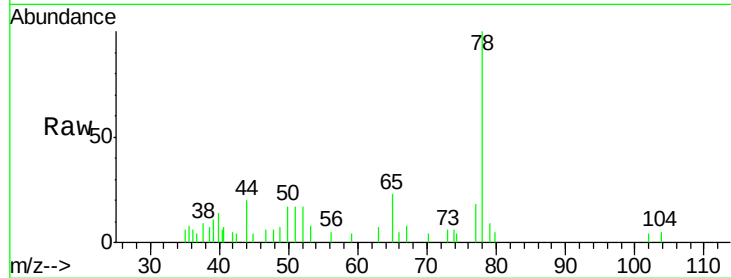
77 18.3 18.6 28.0#

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#50

Toluene-d8

Concen: 51.354 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010757.D

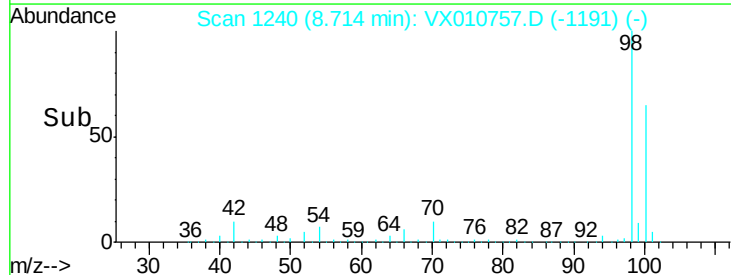
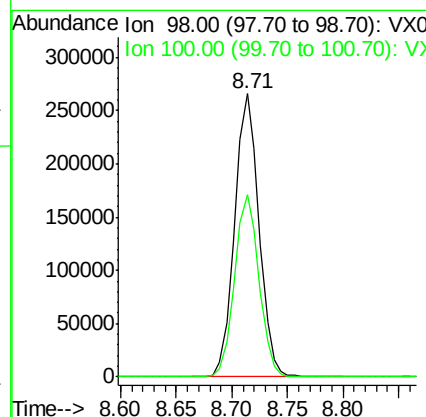
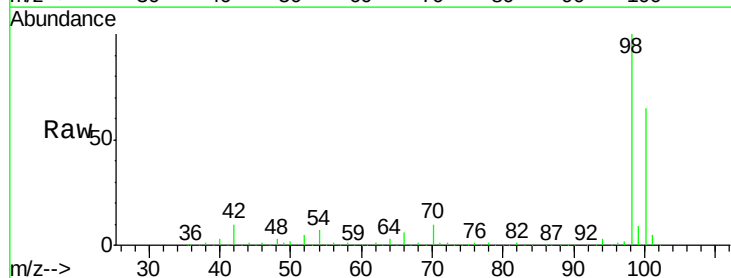
Acq: 09 Jul 2019 17:44

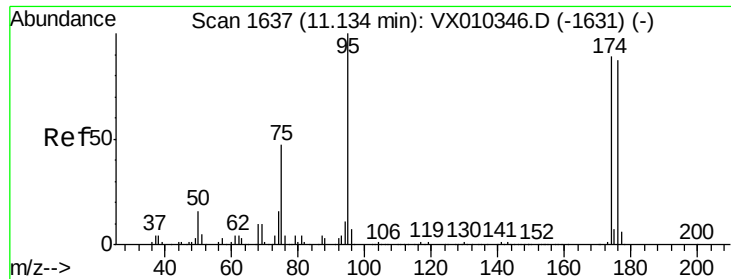
Tgt Ion: 98 Resp: 401325

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4





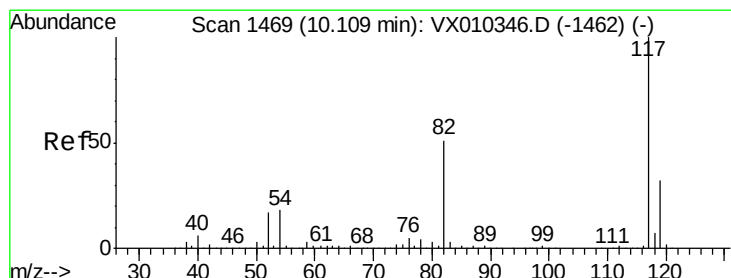
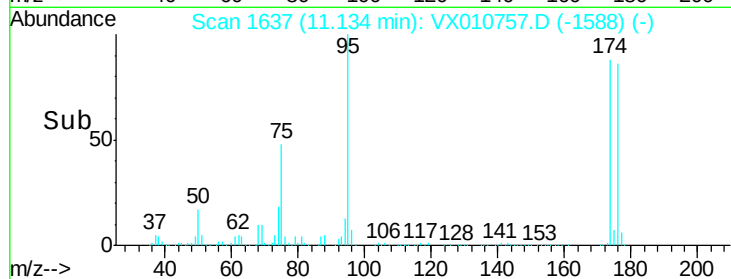
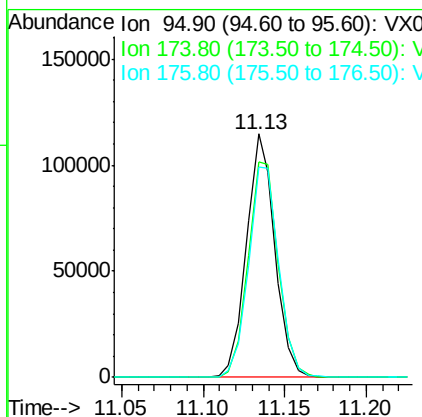
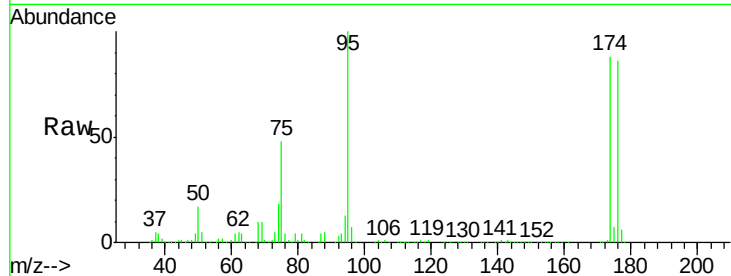
#62
4-Bromofluorobenzene
Concen: 49.408 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010757.D
Acq: 09 Jul 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-190705DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	139399		
174	94.4	0.0	187.6	
176	92.3	0.0	184.0	

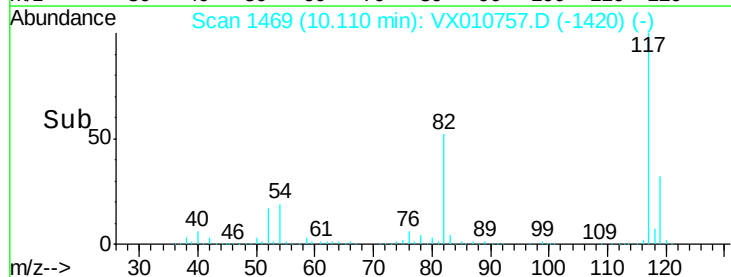
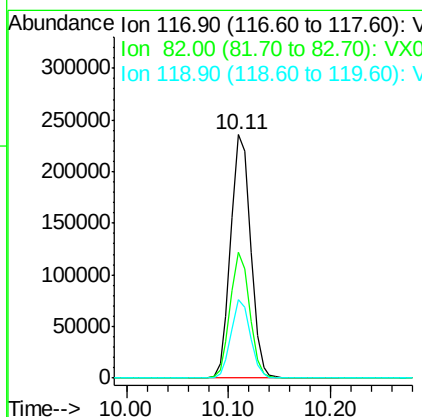
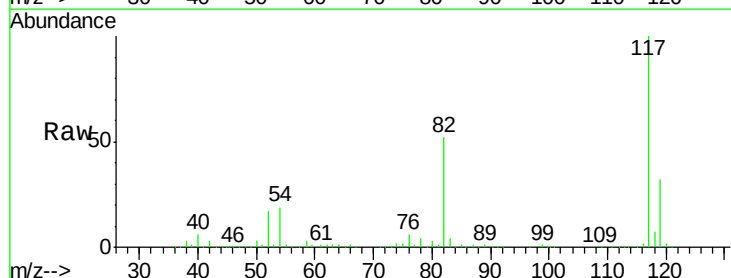
Manual Integrations
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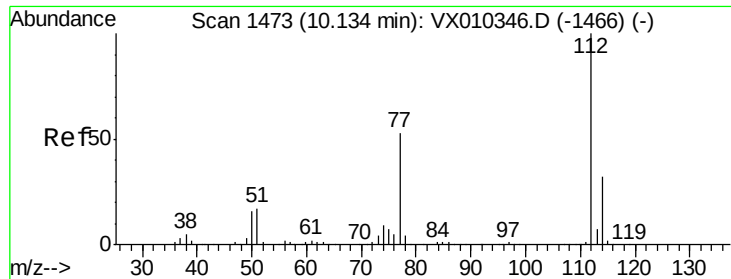
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010757.D
Acq: 09 Jul 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	317798		
82	51.8	41.2	61.8	
119	32.0	25.5	38.3	





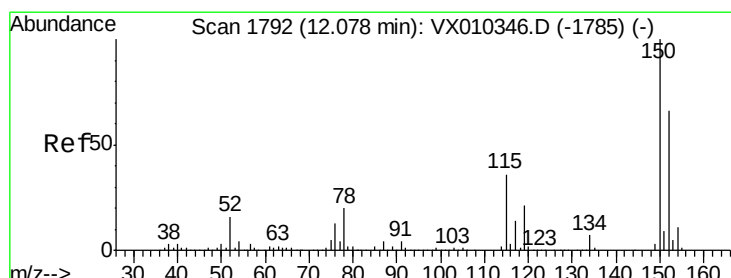
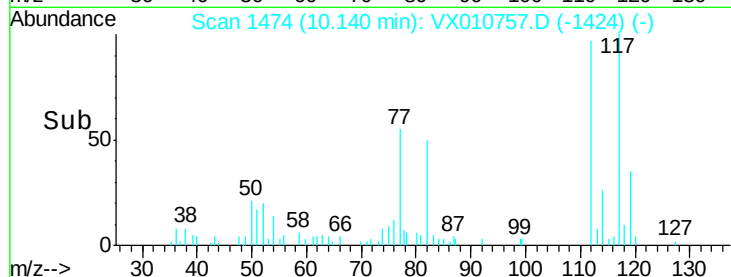
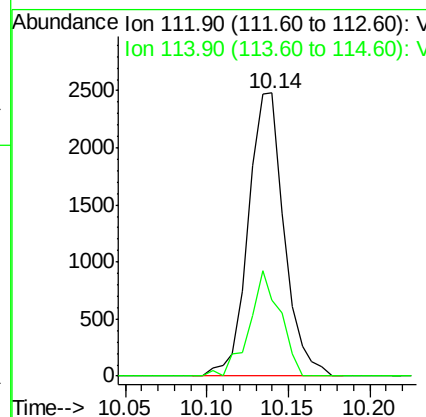
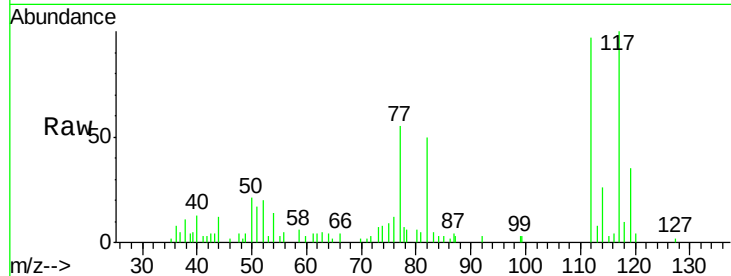
#65
Chlorobenzene
Concen: 0.591 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010757.D
Acq: 09 Jul 2019 17:44

Instrument :
MSVOA_X
ClientSampleId :
WP022RW349-190705DL

Tot Ion:112 Resp: 3815
Ion Ratio Lower Upper
112 100
114 27.1 25.4 38.2

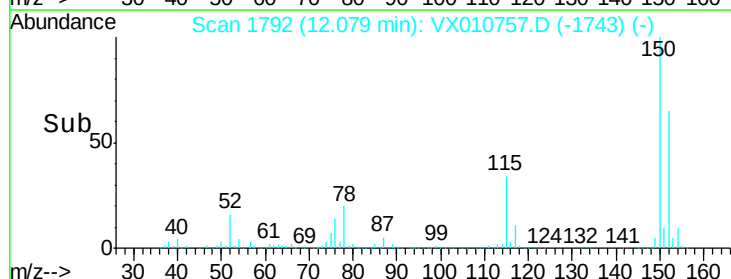
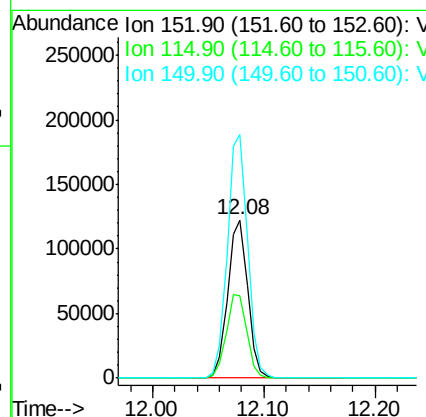
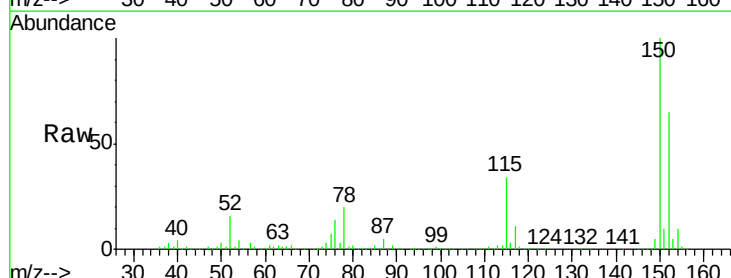
Manual Integrations
APPROVED

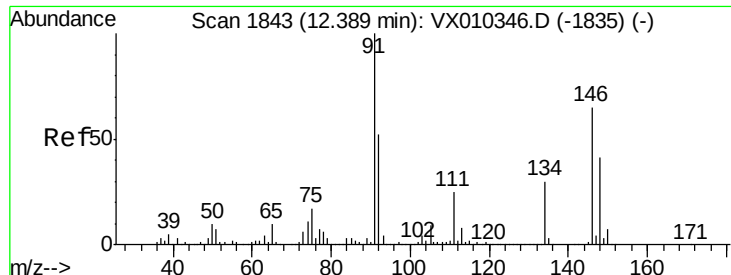
MMDadoda
7/10/2019 10:20:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010757.D
Acq: 09 Jul 2019 17:44

Tgt Ion:152 Resp: 151445
Ion Ratio Lower Upper
152 100
115 54.8 38.6 115.7
150 156.2 0.0 347.4





#91
 1,2-Dichlorobenzene
 Concen: 0.651 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010757.D
 Acq: 09 Jul 2019 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022RW349-190705DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	19.2	57.6
148	65.8	32.0	96.0

Manual Integrations
 APPROVED

MMDadoda
 7/10/2019 10:20:10 AM

