

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016585.D
 Acq On : 04 Jun 2020 16:45
 Operator : JC/SP
 Sample : L2894-15 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602

Manual Integrations
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 6/5/2020 10:12:16 AM

Quant Time: Jun 05 07:25:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	242541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	389308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	392877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	142878	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	5.46	113	117524	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
50) Toluene-d8	8.70	98	482326	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	11.12	95	196209	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
Target Compounds						
4) Vinyl Chloride	1.39	62	851074	279.007	ug/l	100
12) 1,1-Dichloroethene	2.36	96	3485	1.493	ug/l #	81
21) trans-1,2-Dichloroethene	3.15	96	9760	3.781	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	2542029	851.215	ug/l	89
40) Benzene	6.11	78	3526	0.321	ug/l #	86
65) Chlorobenzene	10.12	112	57001	7.117	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	4622m	0.713	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	15147	2.468	ug/l	98

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

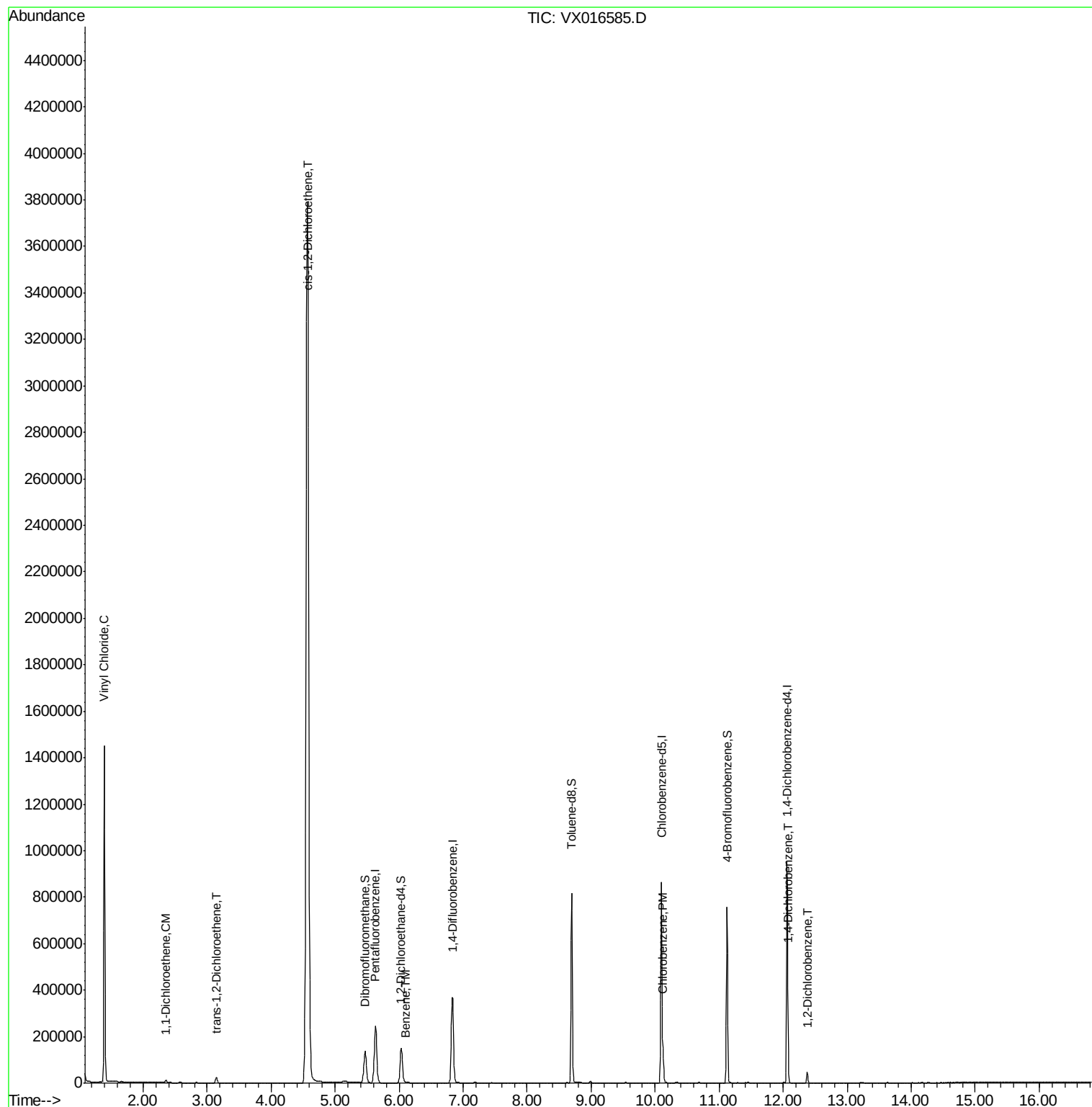
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060420\
Data File : VX016585.D
Acq On : 04 Jun 2020 16:45
Operator : JC/SP
Sample : L2894-15 10X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

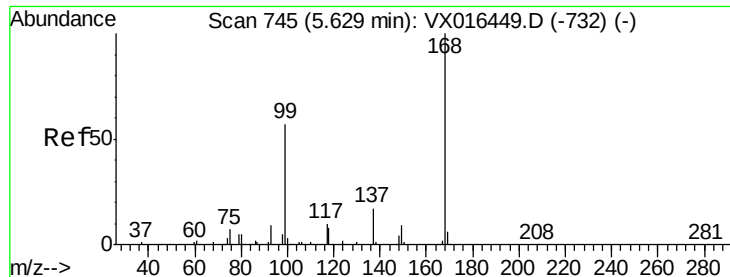
Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602

Manual Integrations
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6/5/2020 10:12:16 AM

Quant Time: Jun 05 07:25:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016585.D

Acq: 04 Jun 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602

Tot Ion:168 Resp: 242541

Ion Ratio Lower Upper

168 100

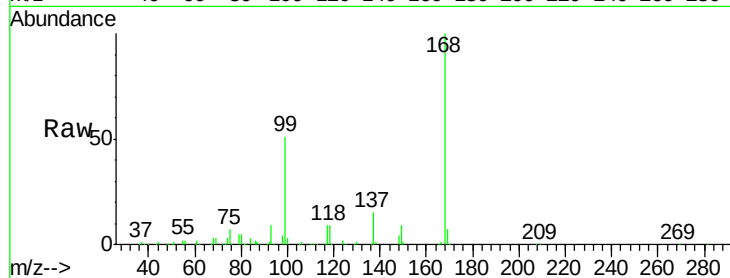
99 50.9 45.2 67.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

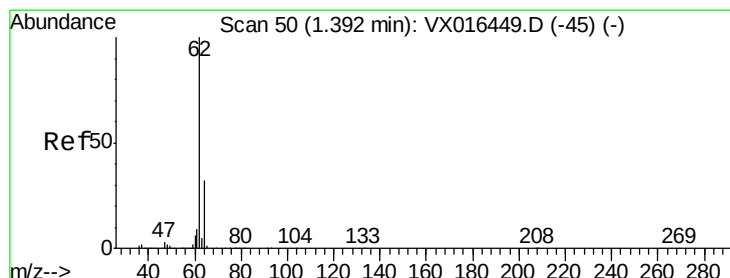
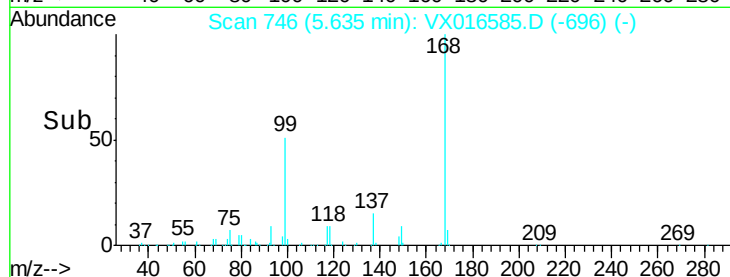
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 279.007 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016585.D

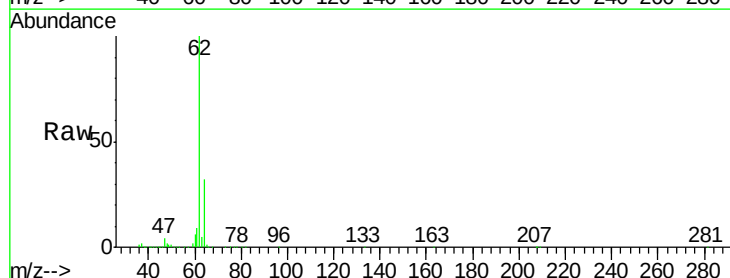
Acq: 04 Jun 2020 16:45

Tgt Ion: 62 Resp: 851074

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

800000

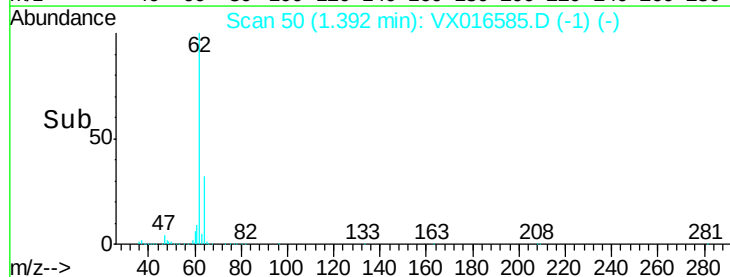
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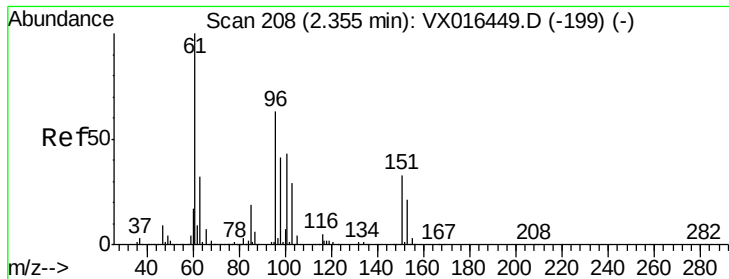
400000

200000

0

Time--> 1.30 1.40 1.50





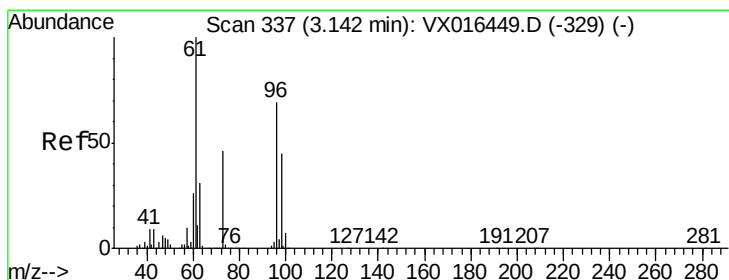
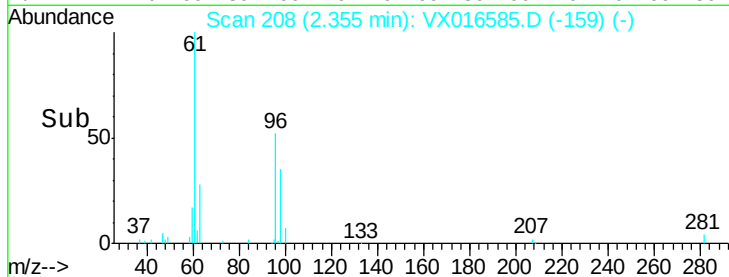
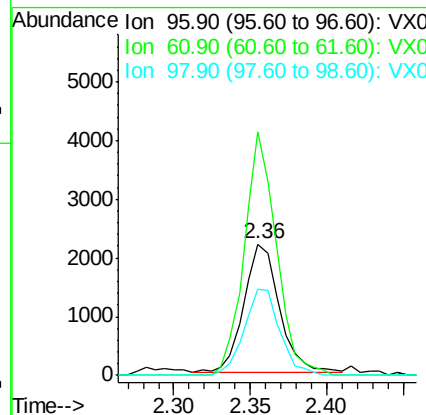
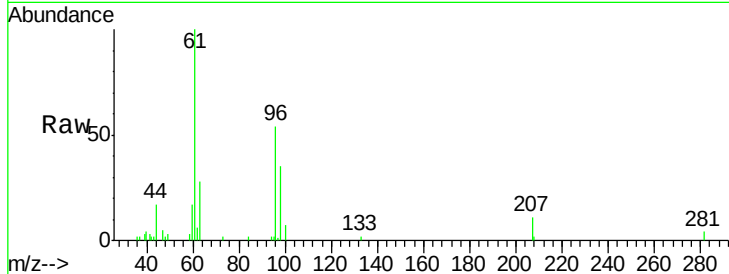
#12
1,1-Dichloroethene
Concen: 1.493 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602

Tot Ion	Ratio	Lower	Upper
96	100		
61	190.9	126.6	189.8#
98	67.6	51.3	76.9

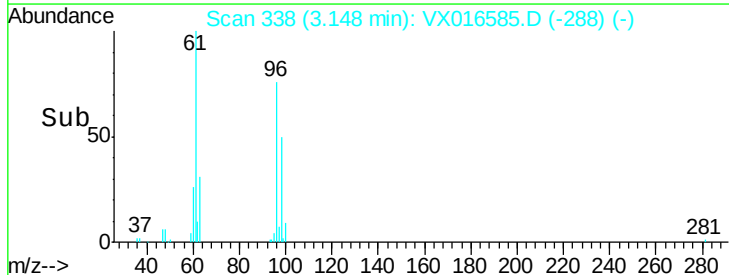
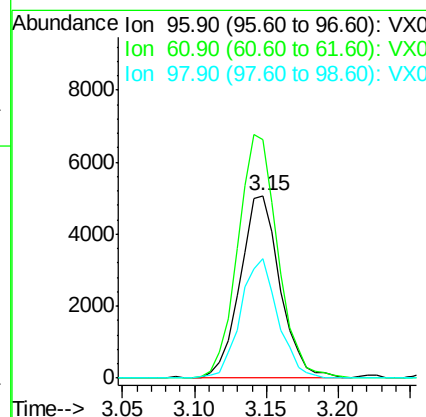
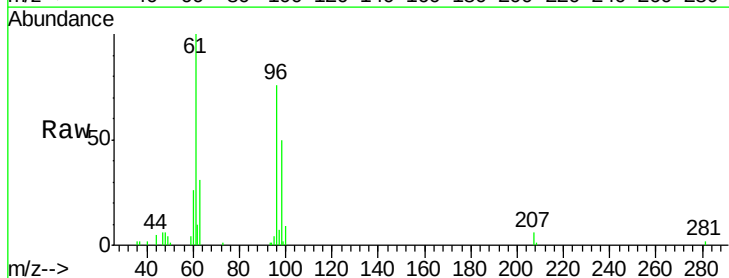
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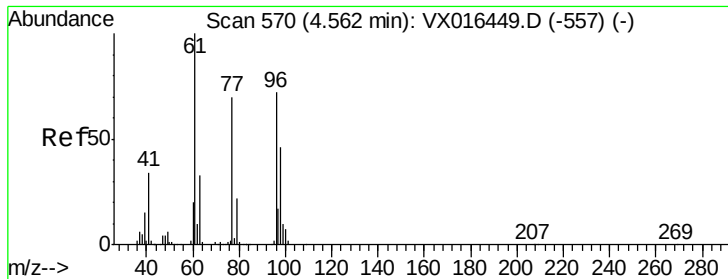
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#21
trans-1,2-Dichloroethene
Concen: 3.781 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.9	115.3	172.9
98	65.2	51.9	77.9





#27

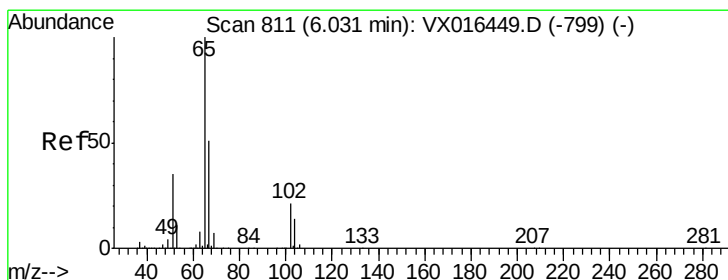
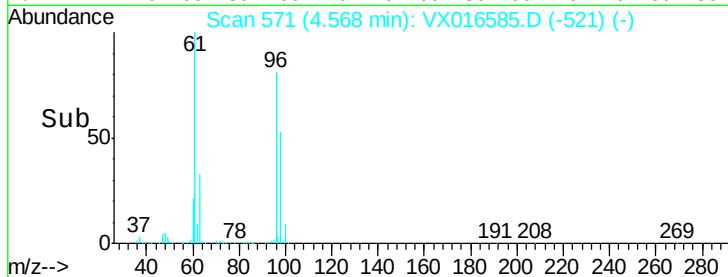
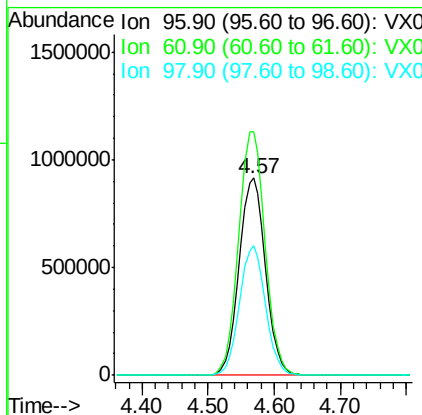
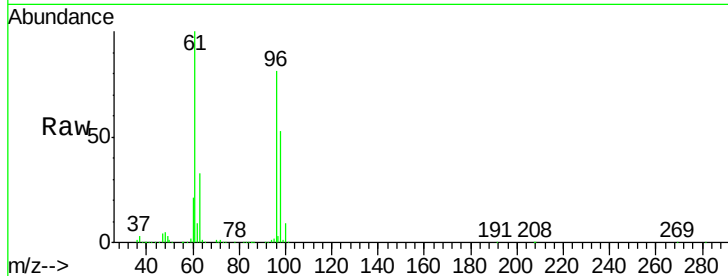
cis-1,2-Dichloroethene
Concen: 851.215 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602

Tot Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	284.6
98	64.7	0.0	127.2

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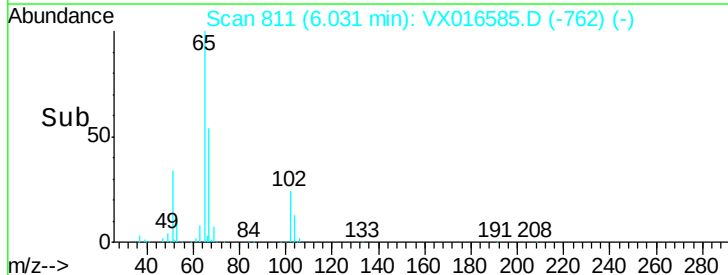
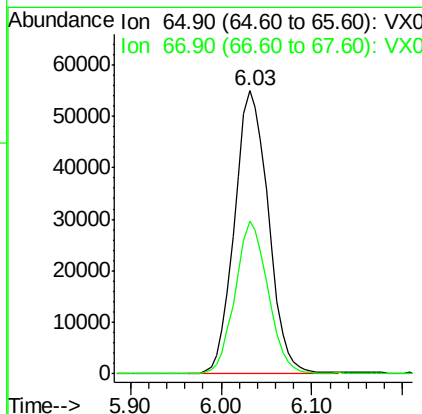
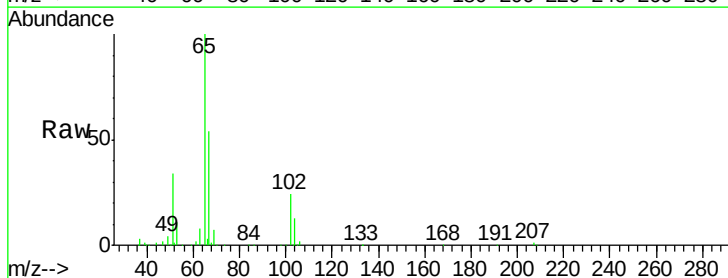
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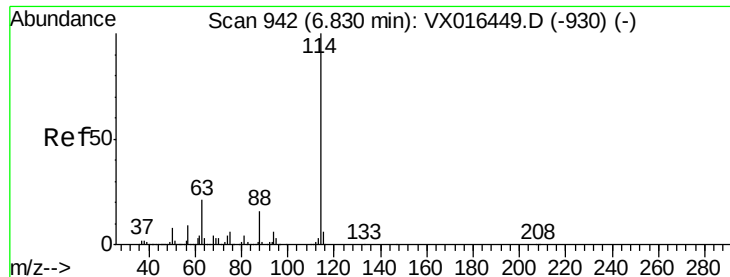


#33

1,2-Dichloroethane-d4
Concen: 47.436 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.8





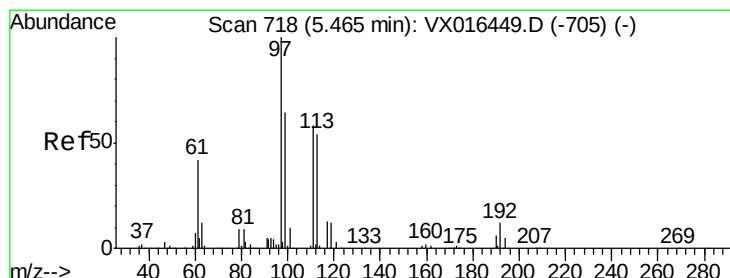
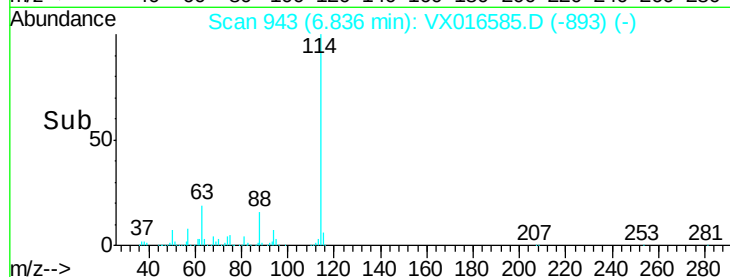
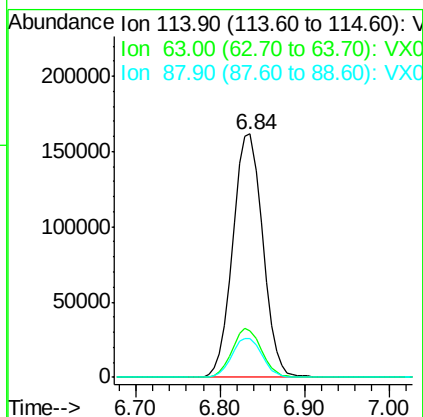
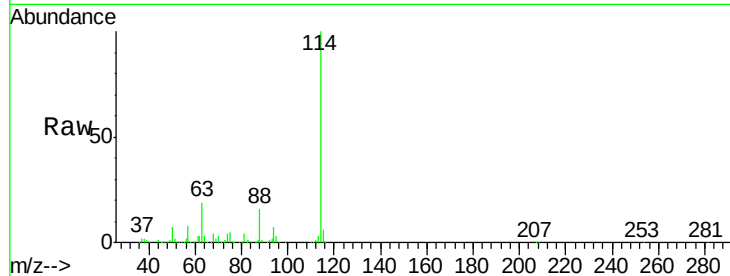
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.1	0.0	42.6
88	15.9	0.0	32.8

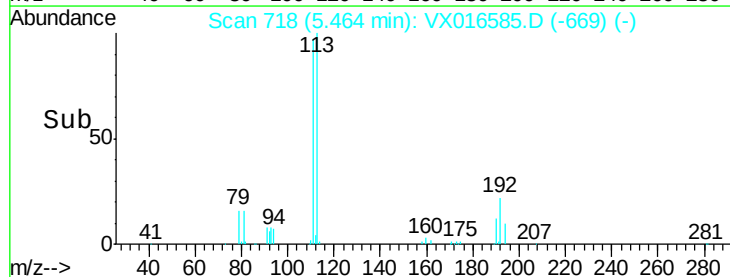
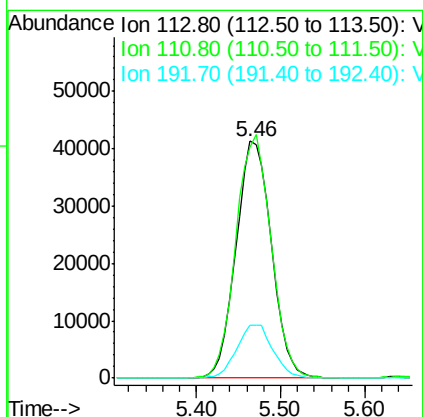
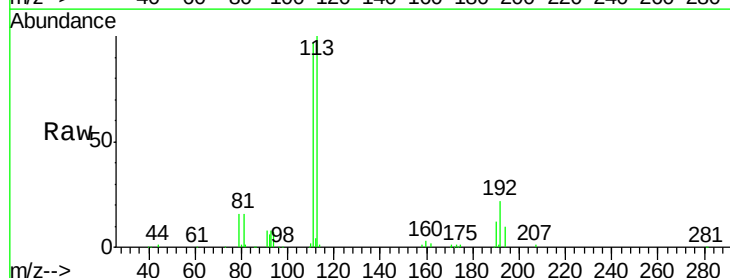
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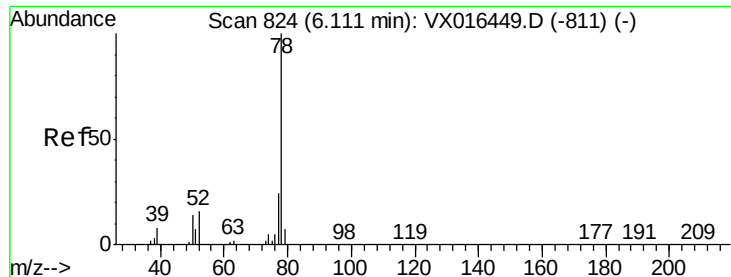
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#35
Dibromofluoromethane
Concen: 49.027 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.4	83.0	124.6
192	22.9	17.7	26.5





#40

Benzene

Concen: 0.321 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX016585.D

Acq: 04 Jun 2020 16:45

Instrument :

MSVOA_X

ClientSampleId :

SS032MW008-200602

Tot Ion: 78 Resp: 3526

Ion Ratio Lower Upper

78 100

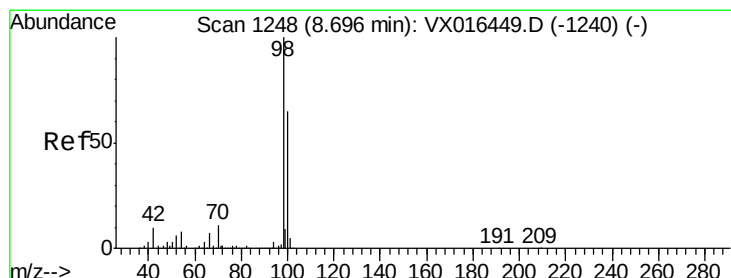
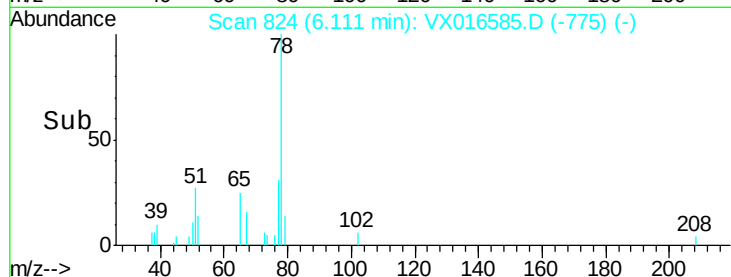
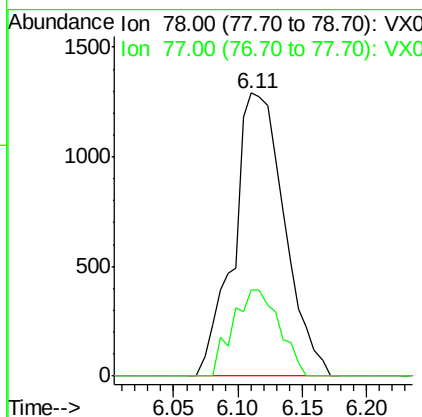
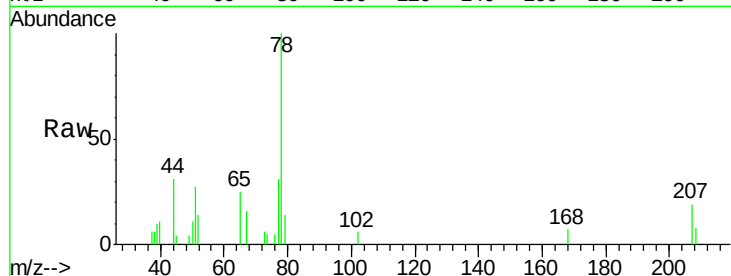
77 30.5 18.9 28.3#

Manual Integrations

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#50

Toluene-d8

Concen: 51.695 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016585.D

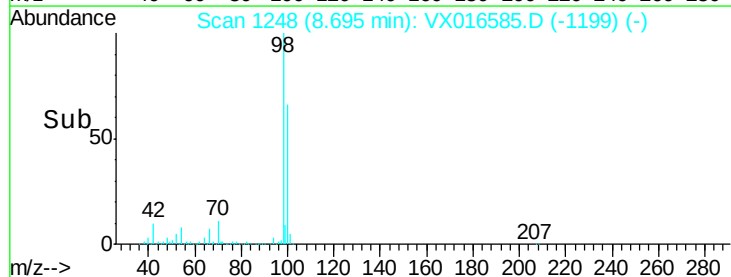
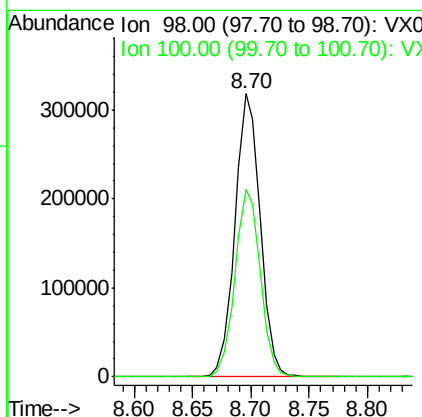
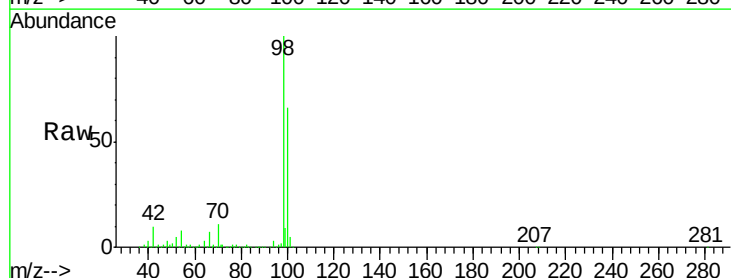
Acq: 04 Jun 2020 16:45

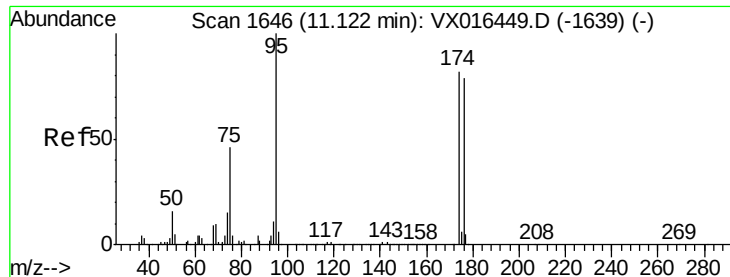
Tgt Ion: 98 Resp: 482326

Ion Ratio Lower Upper

98 100

100 66.5 53.8 80.6





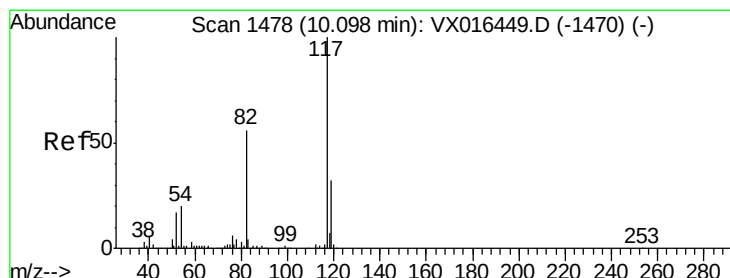
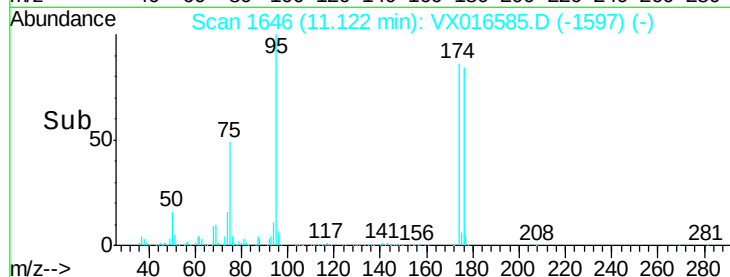
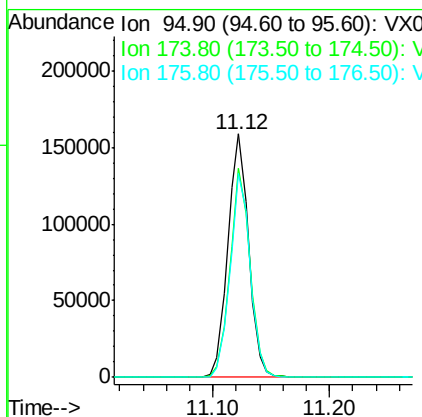
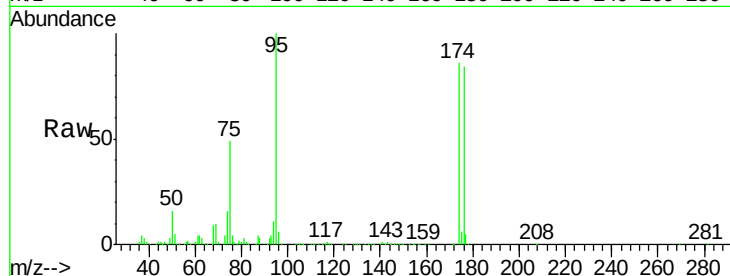
#62
4-Bromofluorobenzene
Concen: 54.424 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602

Tot Ion	Ratio	Resp	Lower	Upper
95	100	196209		
174	83.3	0.0	163.0	
176	81.7	0.0	156.8	

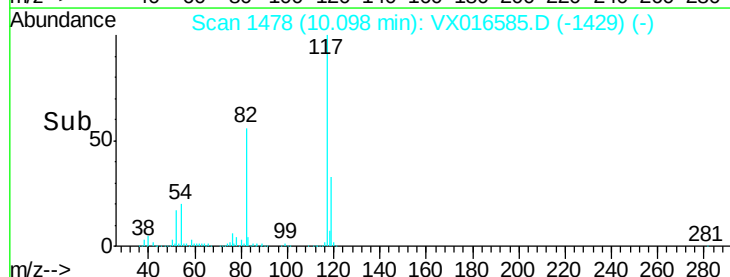
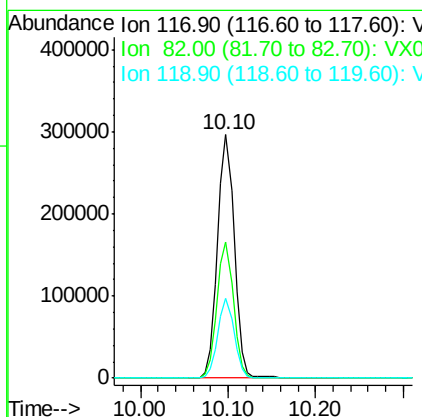
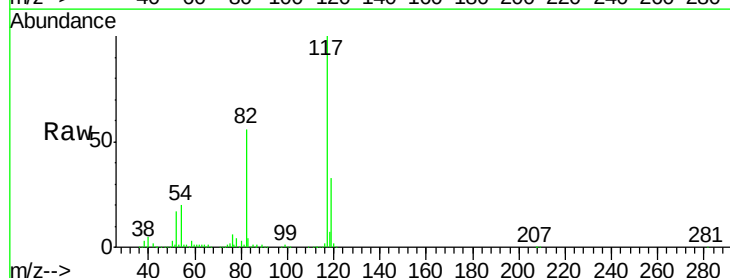
Manual Integrations
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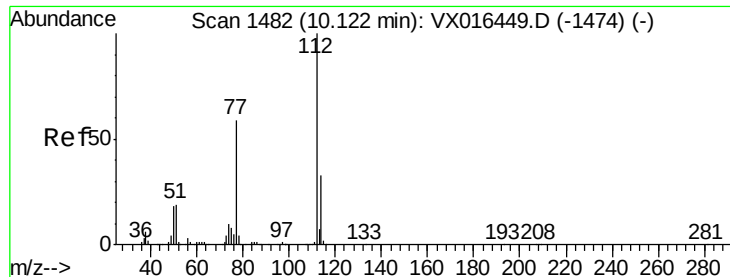
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6/5/2020 10:12:16 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	392877		
82	56.0	45.0	67.6	
119	32.8	25.8	38.8	





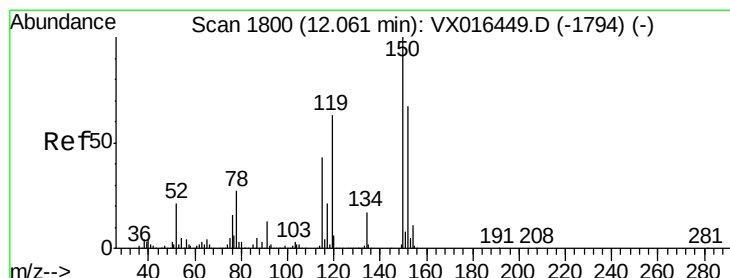
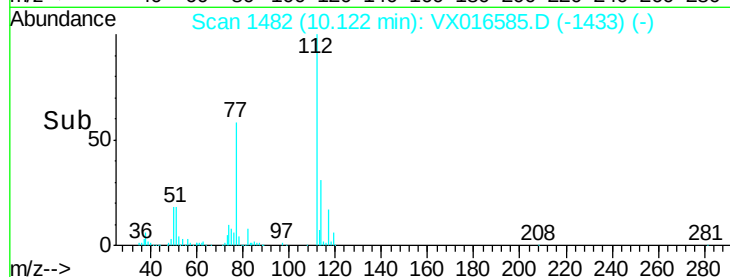
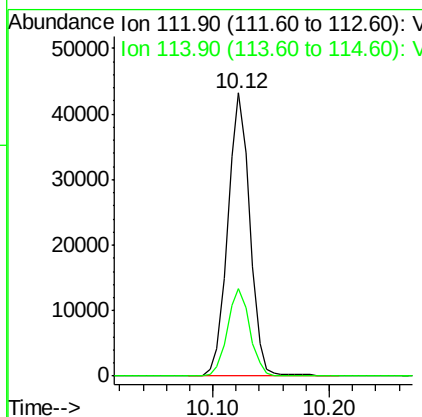
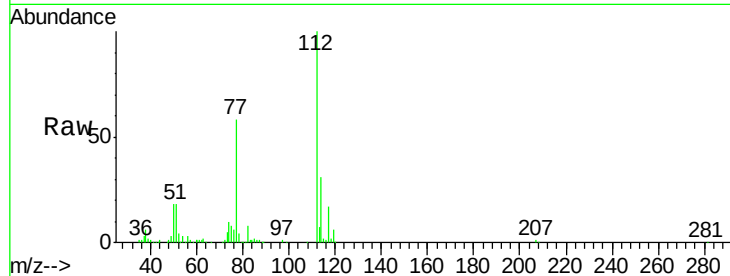
#65
Chlorobenzene
Concen: 7.117 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Instrument :
MSVOA_X
ClientSampleId :
SS032MW008-200602

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	26.0	39.0

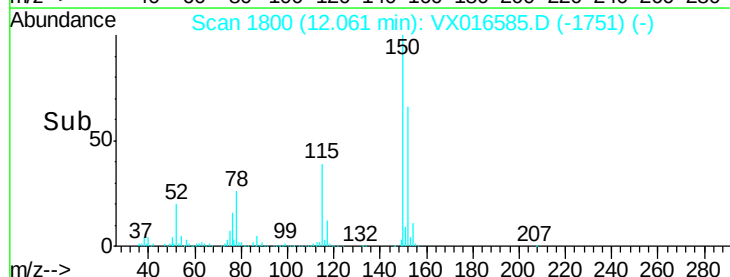
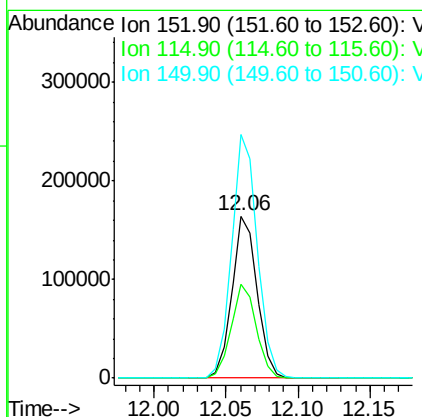
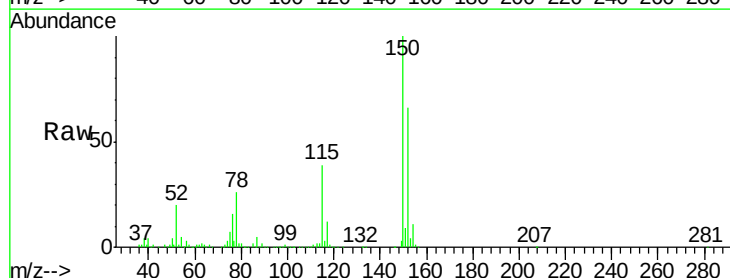
Manual Integrations
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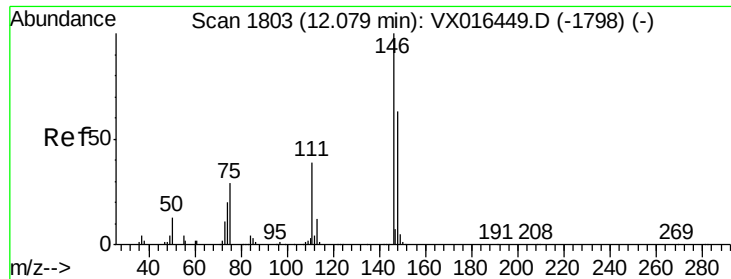
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6/5/2020 10:12:16 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016585.D
Acq: 04 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	39.9	119.6
150	153.0	0.0	341.0





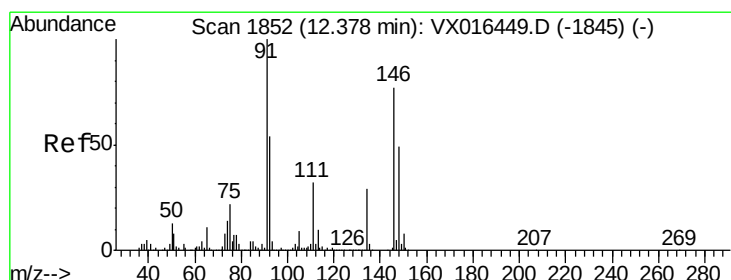
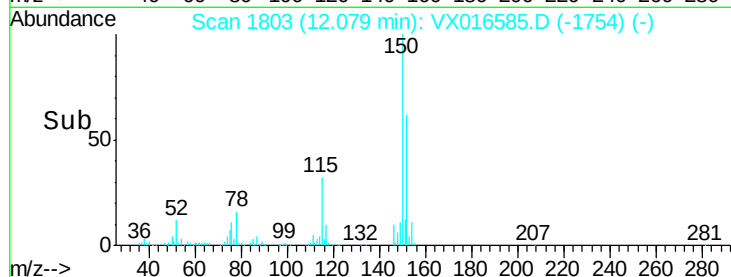
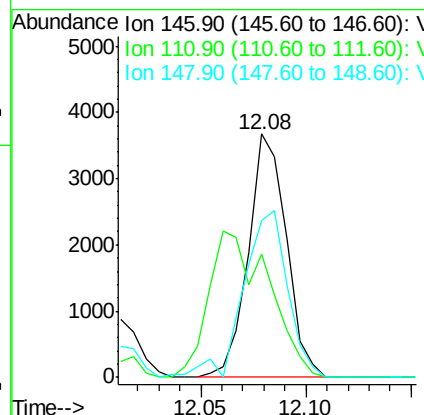
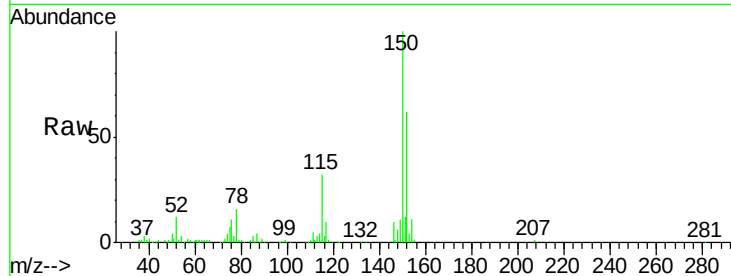
#88
 1,4-Dichlorobenzene
 Concen: 0.713 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016585.D
 Acq: 04 Jun 2020 16:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SS032MW008-200602

Tot Ion	Ratio	Lower	Upper
146	100		
111	8.5	19.4	58.2#
148	14.8	31.4	94.3#

Manual Integrations
 APPROVED

MMDadoda
 6/5/2020 10:12:16 AM



#91
 1,2-Dichlorobenzene
 Concen: 2.468 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016585.D
 Acq: 04 Jun 2020 16:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.4	64.3
148	61.4	31.9	95.7

