

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016319.D
 Acq On : 18 May 2020 23:21
 Operator : JC/SP
 Sample : L2672-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW011-200514

Manual Integrations
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 5/19/2020 2:27:24 PM

Quant Time: May 19 14:40:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	257109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	427178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	152226	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
35) Dibromofluoromethane	5.47	113	123772	45.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.46%	
50) Toluene-d8	8.70	98	529856	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.12	95	213314	53.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.56%	
Target Compounds						
3) Chloromethane	1.31	50	1235	0.391	ug/l	95
4) Vinyl Chloride	1.39	62	67050	19.885	ug/l	99
16) Acetone	2.42	43	4731	3.134	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	50078	15.380	ug/l	85
44) Trichloroethene	7.19	130	11069	2.532	ug/l	95
65) Chlorobenzene	10.12	112	20798	2.353	ug/l	95
87) 1,3-Dichlorobenzene	12.01	146	1688	0.233	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	4714m	0.641	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	10519	1.509	ug/l	98

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

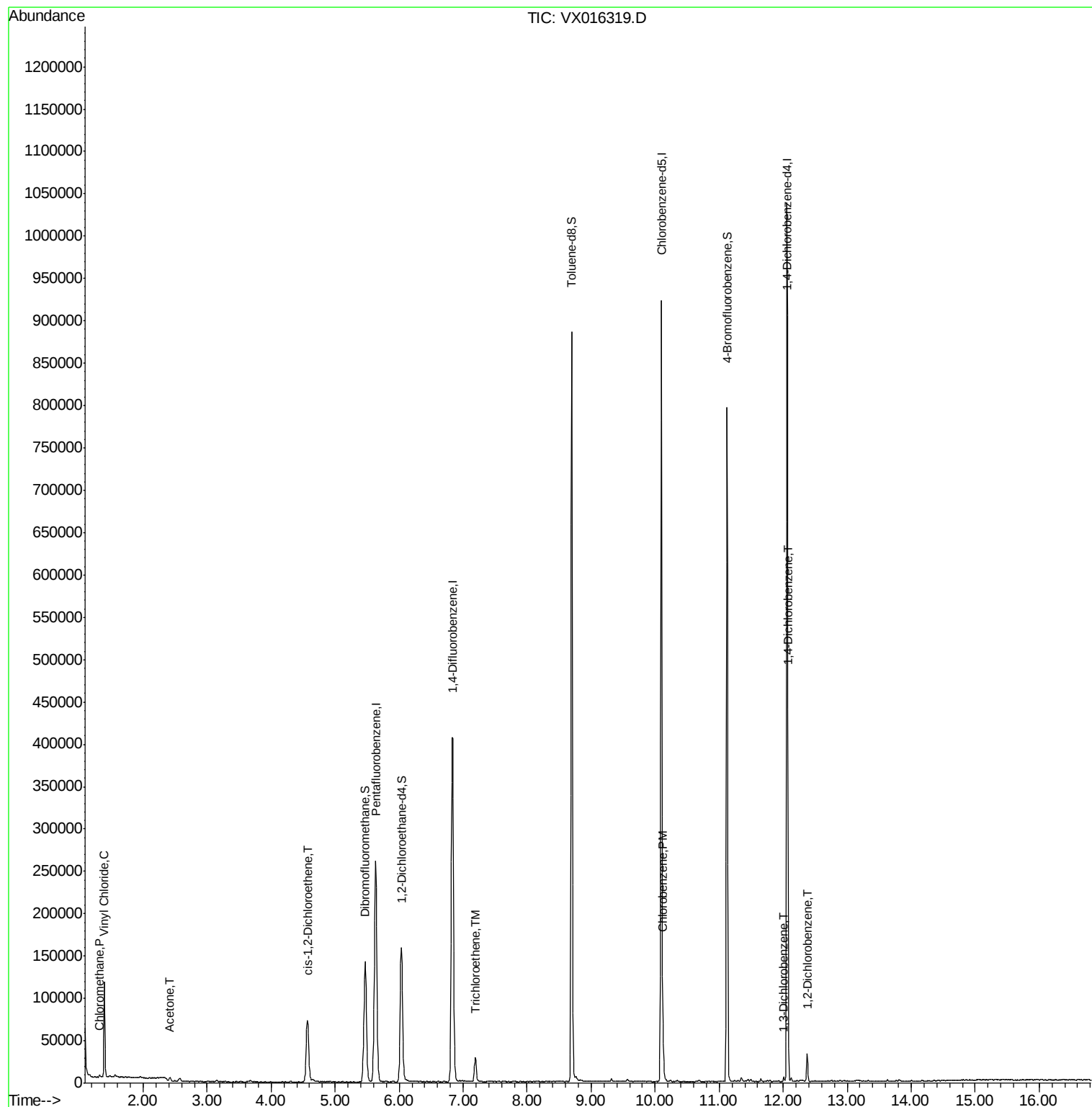
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051820\
Data File : VX016319.D
Acq On : 18 May 2020 23:21
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WP021MW011-200514

Manual Integrations
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Quant Time: May 19 14:40:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016319.D

Acq: 18 May 2020 23:21

Instrument :

MSVOA_X

ClientSampleId :

WP021MW011-200514

Tot Ion:168 Resp: 257109

Ion Ratio Lower Upper

168 100

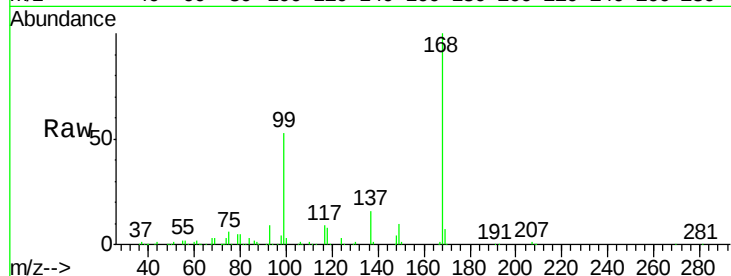
99 53.2 45.0 67.4

Manual Integrations

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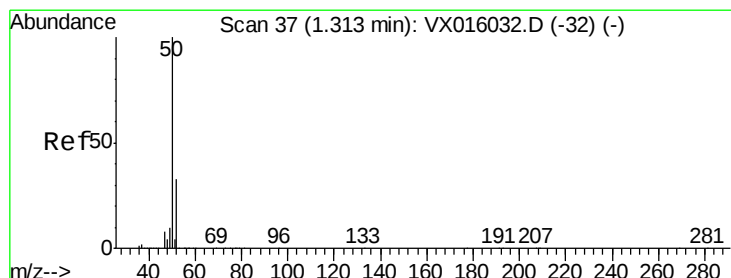
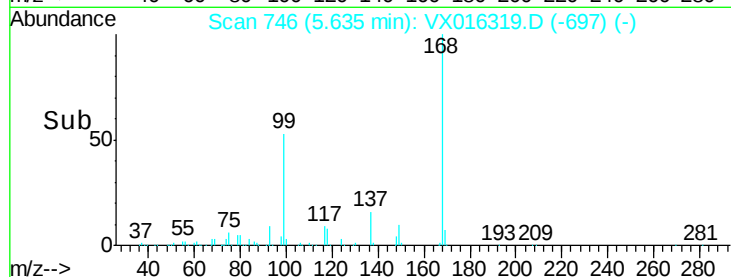
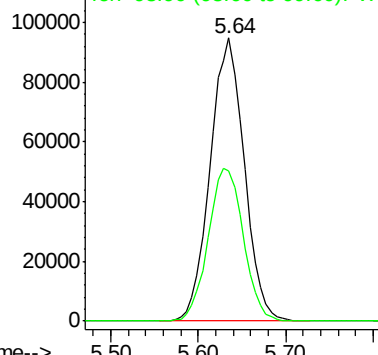
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.391 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016319.D

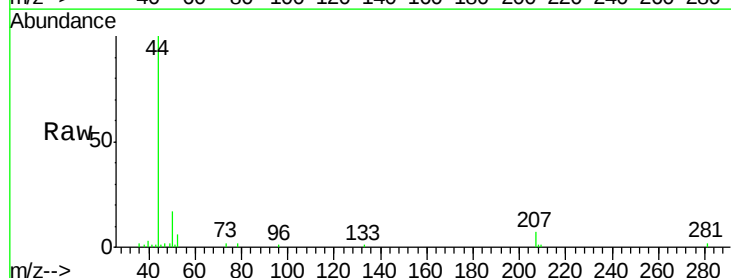
Acq: 18 May 2020 23:21

Tgt Ion: 50 Resp: 1235

Ion Ratio Lower Upper

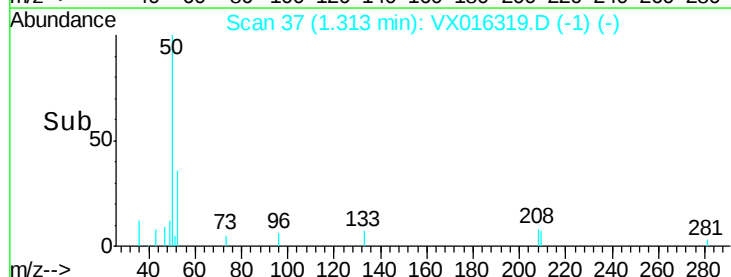
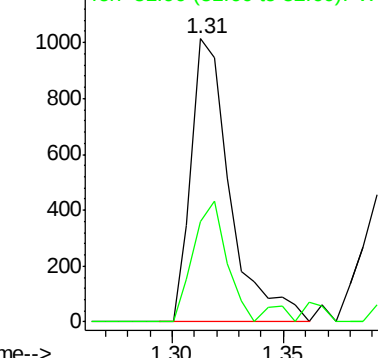
50 100

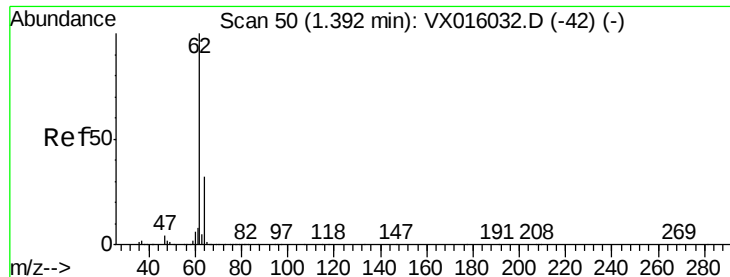
52 35.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 19.885 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016319.D

Acq: 18 May 2020 23:21

Instrument :

MSVOA_X

ClientSampleId :

WP021MW011-200514

Tot Ion: 62 Resp: 67050

Ion Ratio Lower Upper

62 100

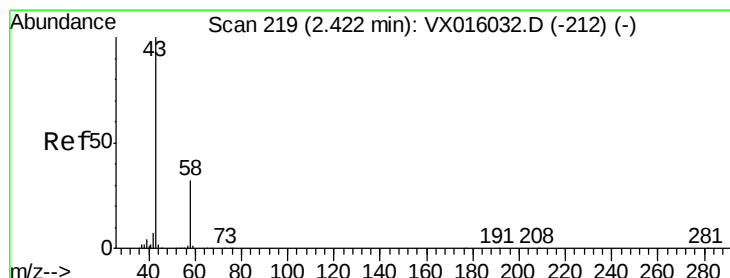
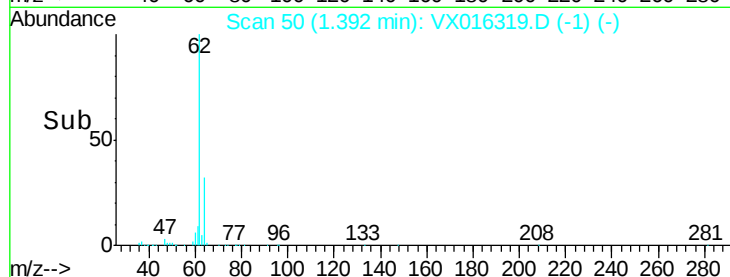
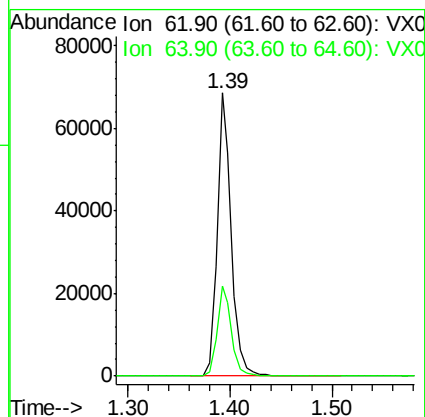
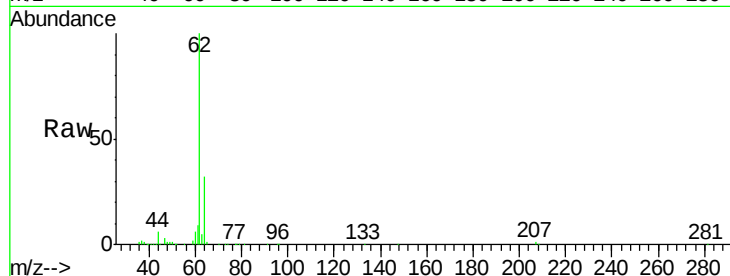
64 31.7 25.7 38.5

Manual Integrations

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#16

Acetone

Concen: 3.134 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016319.D

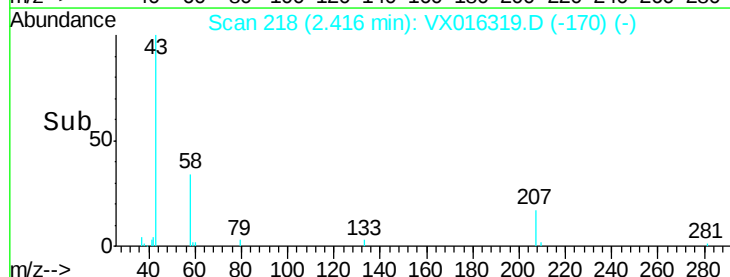
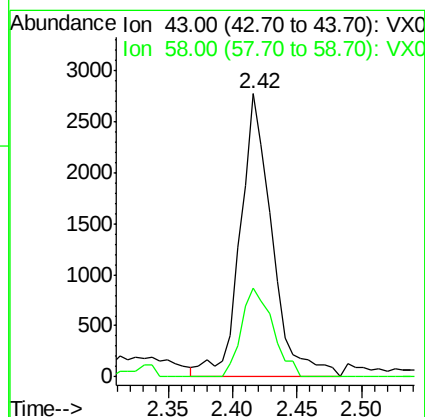
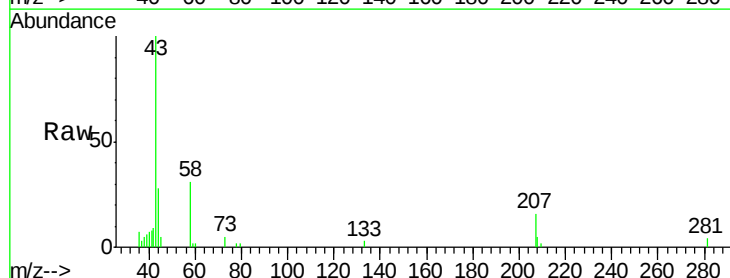
Acq: 18 May 2020 23:21

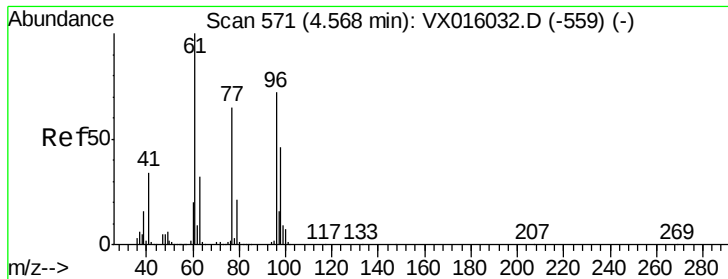
Tgt Ion: 43 Resp: 4731

Ion Ratio Lower Upper

43 100

58 31.3 25.4 38.0





#27

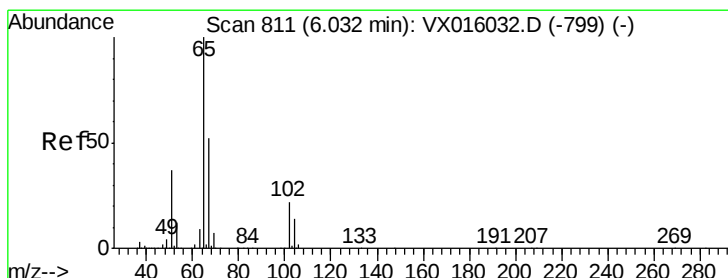
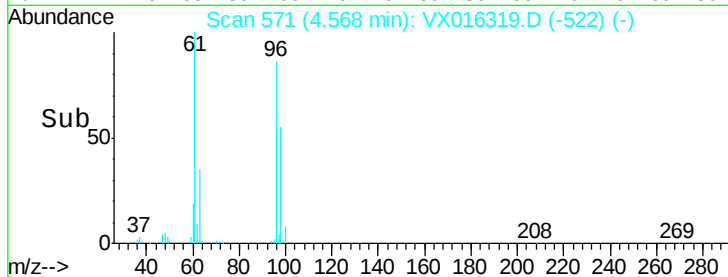
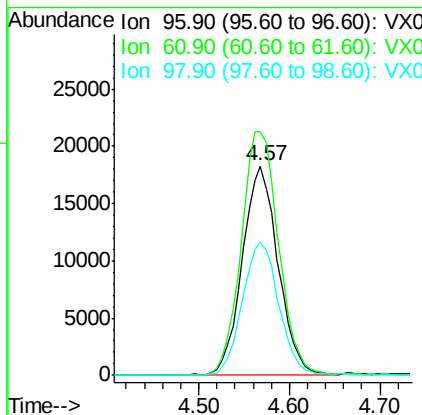
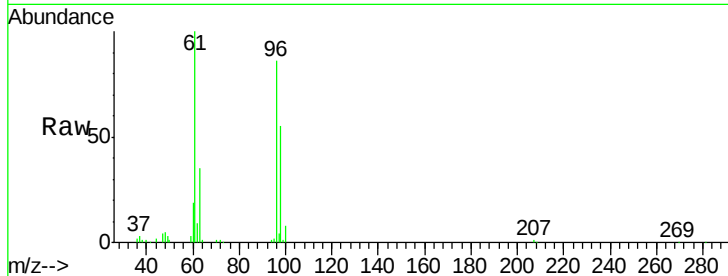
cis-1,2-Dichloroethene
Concen: 15.380 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016319.D
Acq: 18 May 2020 23:21

Instrument :
MSVOA_X
ClientSampleId :
WP021MW011-200514

Tot Ion	Ratio	Resp	Lower	Upper
96	100	50078		
61	121.4		0.0	296.2
98	64.3		0.0	129.4

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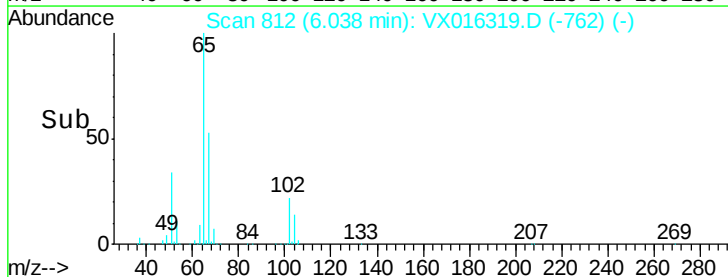
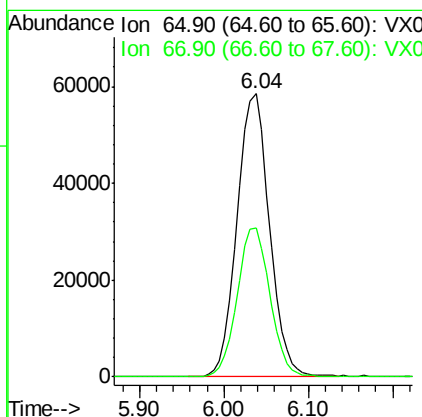
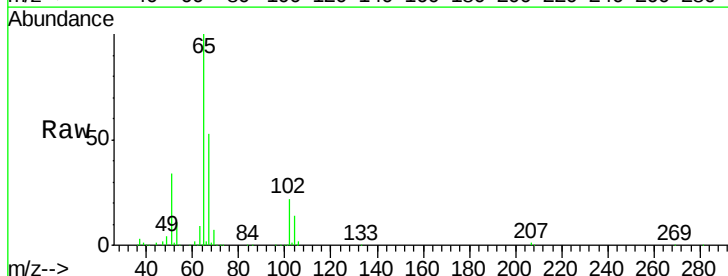
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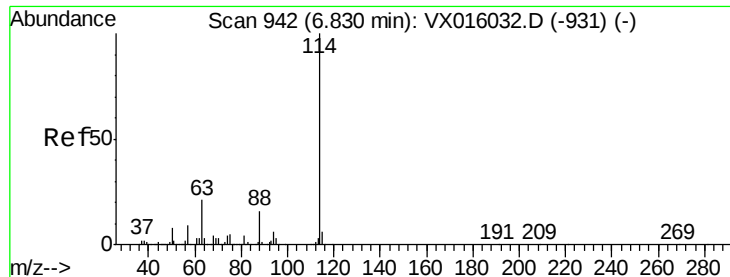


#33

1,2-Dichloroethane-d4
Concen: 44.993 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016319.D
Acq: 18 May 2020 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	152226		
67	53.6		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: VX016319.D

Acq: 18 May 2020 23:21

Instrument :

MSVOA_X

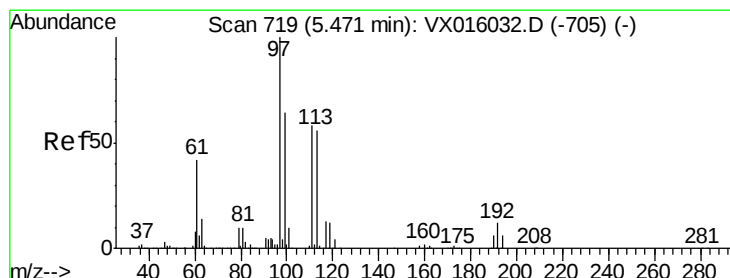
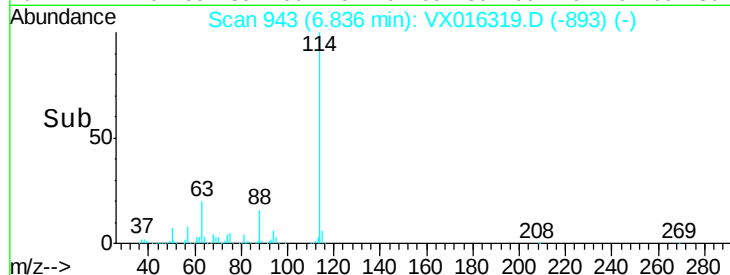
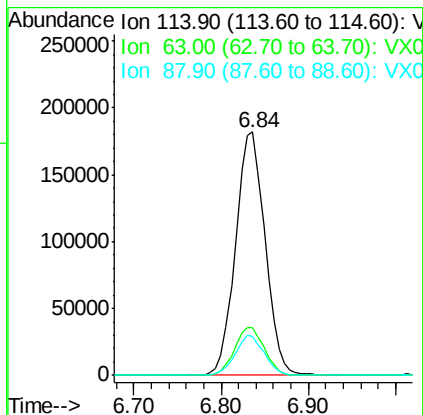
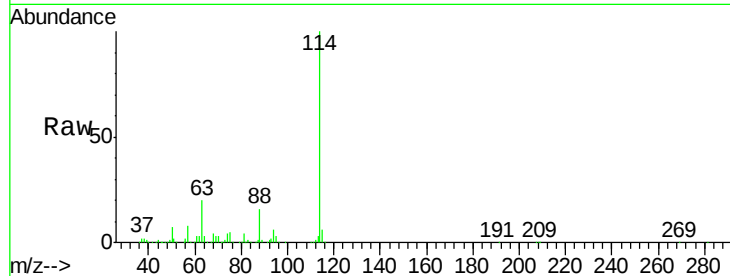
ClientSampleId :

WP021MW011-200514

Tot Ion	Ratio	Resp	Lower	Upper
114	100	427178		
63	19.8	0.0	42.8	
88	16.0	0.0	31.4	

Manual Integrations
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#35

Dibromofluoromethane

Concen: 45.734 ug/l

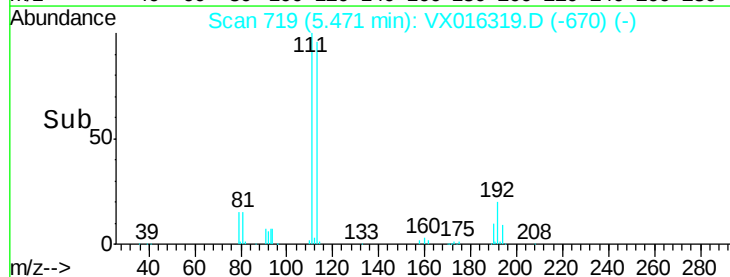
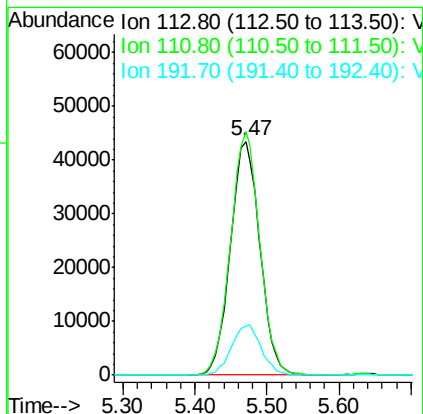
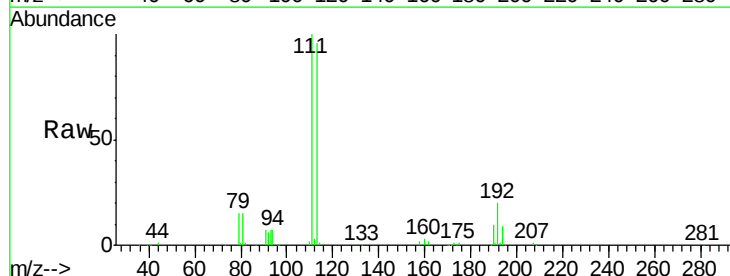
RT: 5.47 min Scan# 719

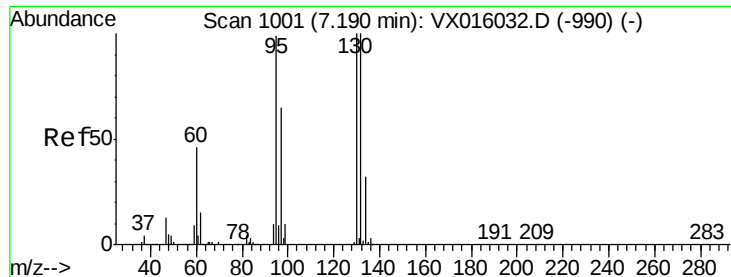
Delta R.T. -0.00 min

Lab File: VX016319.D

Acq: 18 May 2020 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	123772		
111	103.1	81.6	122.4	
192	21.6	17.0	25.4	





#44

Trichloroethene

Concen: 2.532 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016319.D

Acq: 18 May 2020 23:21

Instrument :

MSVOA_X

ClientSampleId :

WP021MW011-200514

Tot Ion:130 Resp: 11069

Ion Ratio Lower Upper

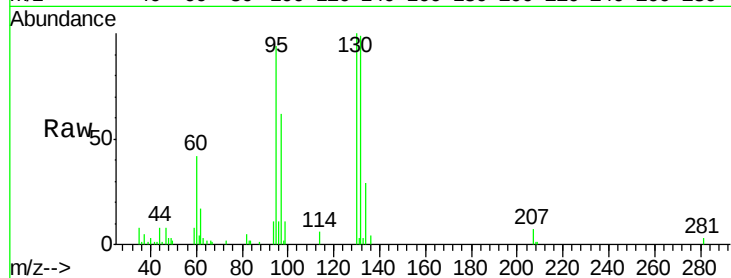
130 100

95 94.0 0.0 197.4

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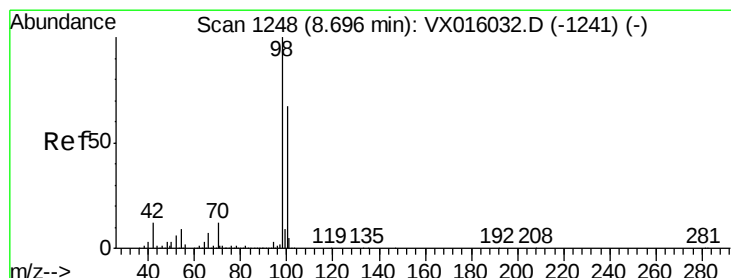
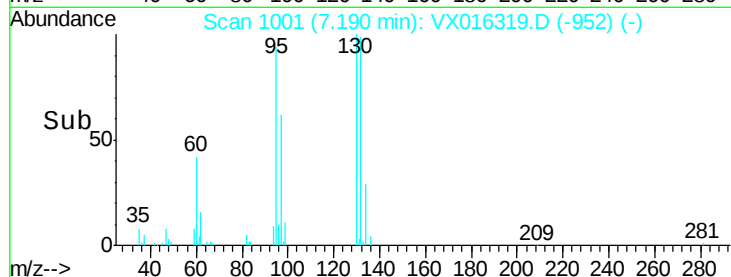
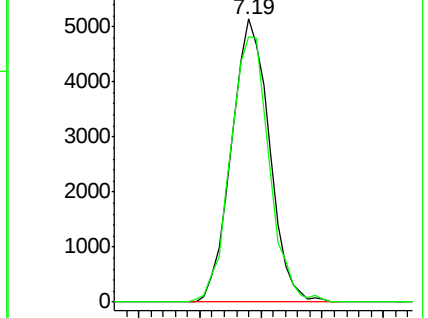
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.812 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016319.D

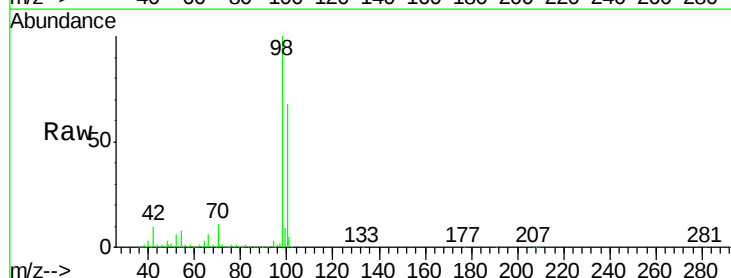
Acq: 18 May 2020 23:21

Tgt Ion: 98 Resp: 529856

Ion Ratio Lower Upper

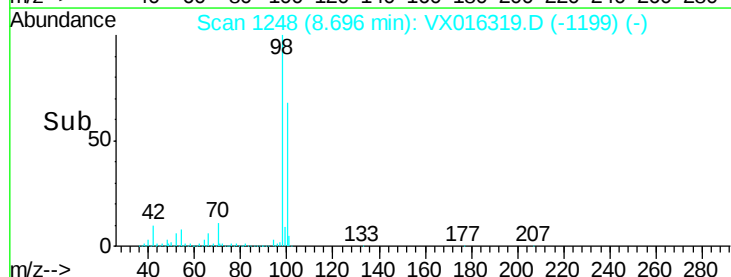
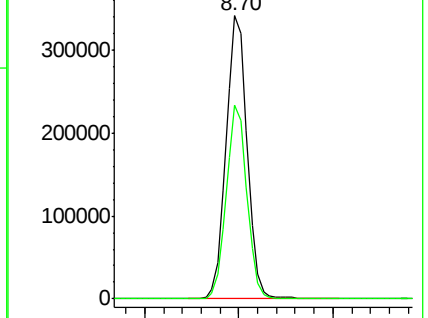
98 100

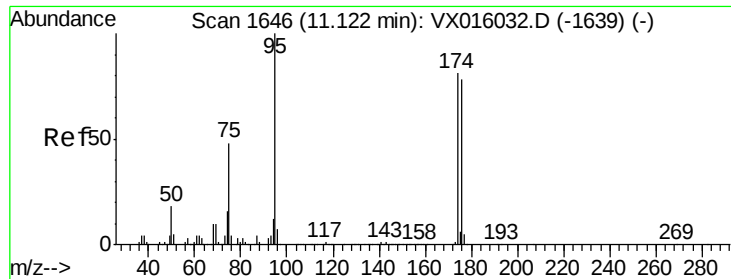
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





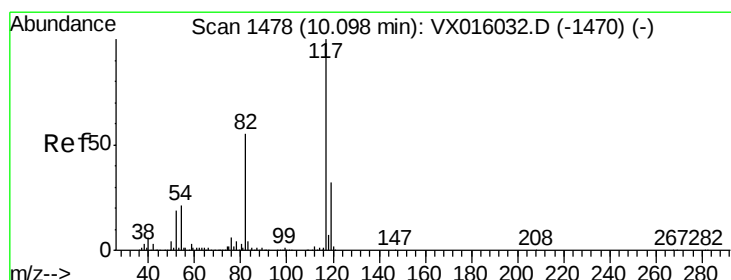
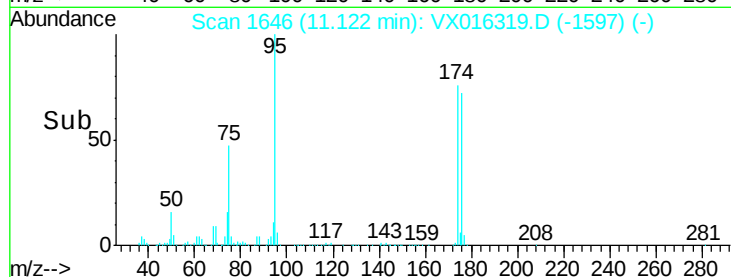
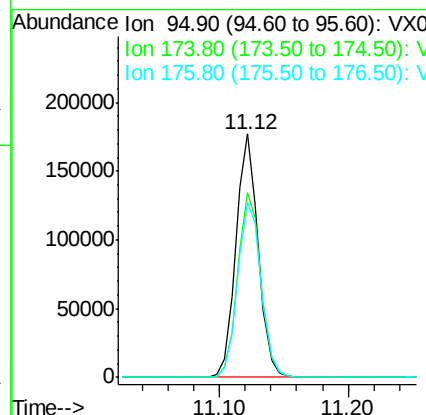
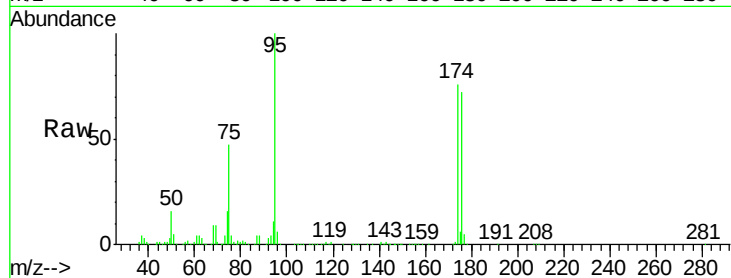
#62
4-Bromofluorobenzene
Concen: 53.783 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016319.D
Acq: 18 May 2020 23:21

Instrument :
MSVOA_X
ClientSampleId :
WP021MW011-200514

Tot Ion	Ratio	Resp	Lower	Upper
95	100	213314		
174	79.2	0.0	159.4	
176	76.0	0.0	157.6	

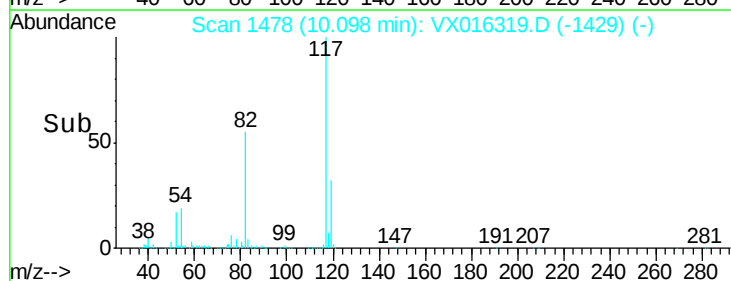
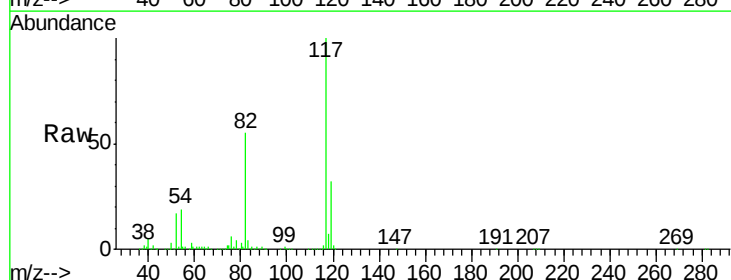
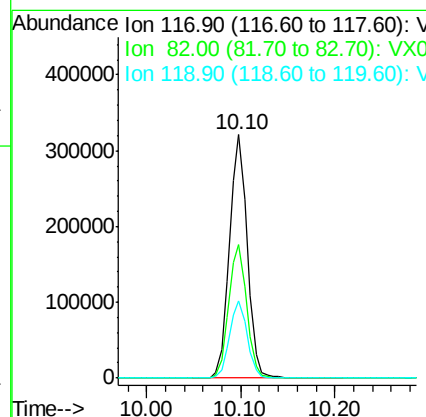
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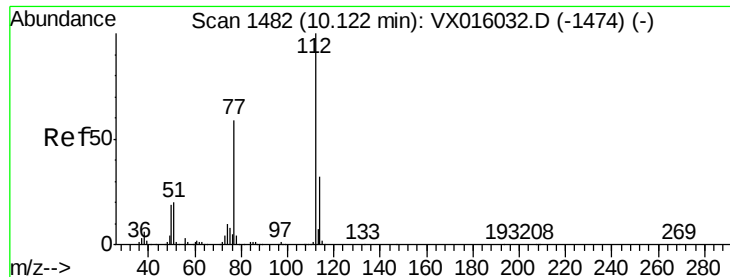
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016319.D
Acq: 18 May 2020 23:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	422155		
82	54.8	44.4	66.6	
119	31.9	25.5	38.3	





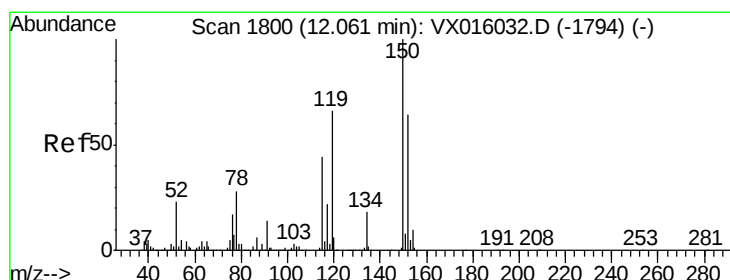
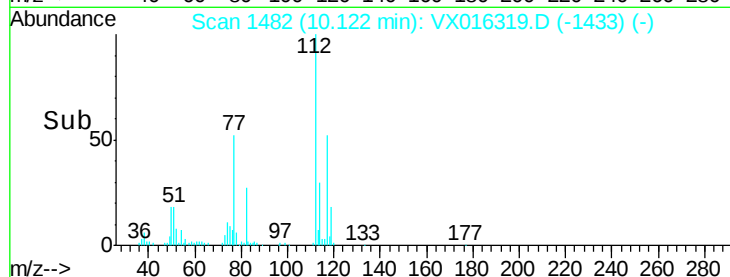
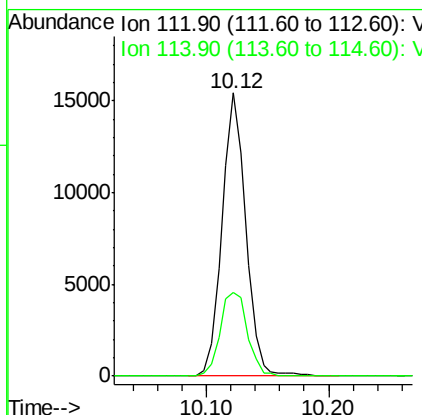
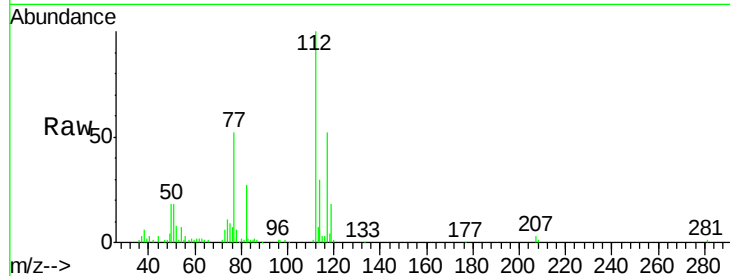
#65
Chlorobenzene
Concen: 2.353 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016319.D
Acq: 18 May 2020 23:21

Instrument :
MSVOA_X
ClientSampleId :
WP021MW011-200514

Tot Ion:112 Resp: 20798
Ion Ratio Lower Upper
112 100
114 29.5 25.7 38.5

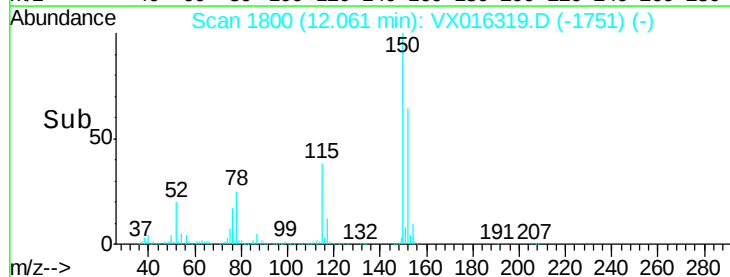
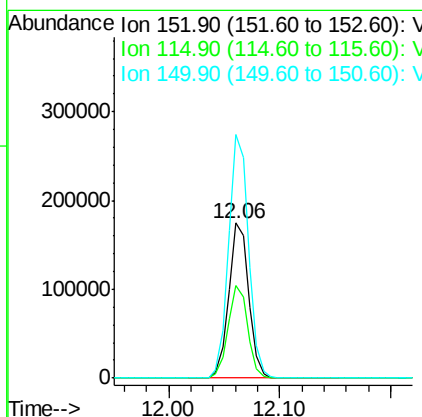
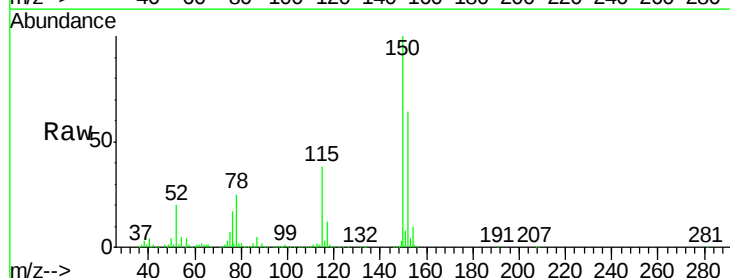
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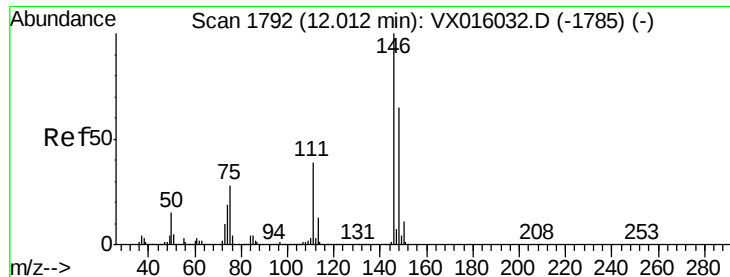
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016319.D
Acq: 18 May 2020 23:21

Tgt Ion:152 Resp: 214829
Ion Ratio Lower Upper
152 100
115 58.9 41.3 124.1
150 157.4 0.0 352.2





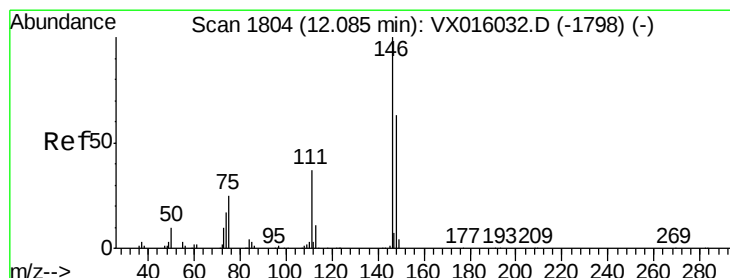
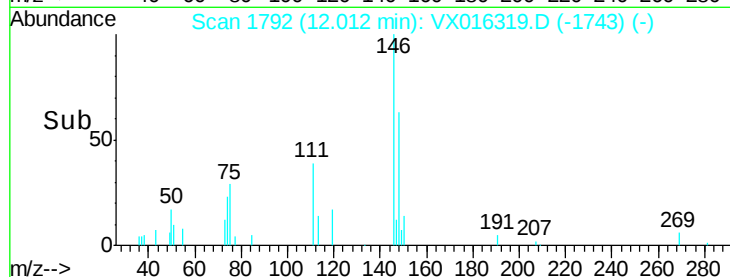
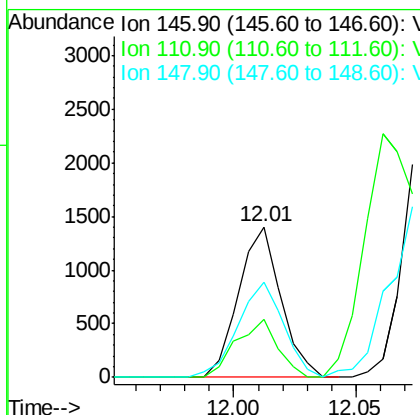
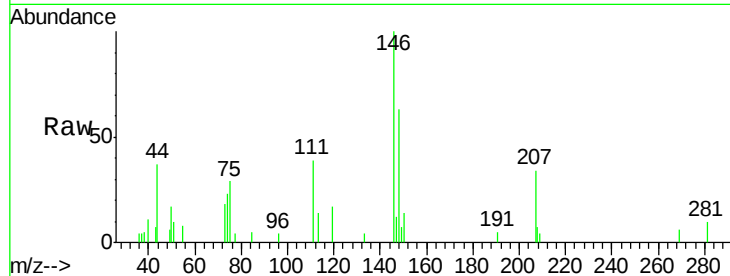
#87
 1,3-Dichlorobenzene
 Concen: 0.233 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016319.D
 Acq: 18 May 2020 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW011-200514

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	20.2	60.6
148	68.2	32.1	96.3

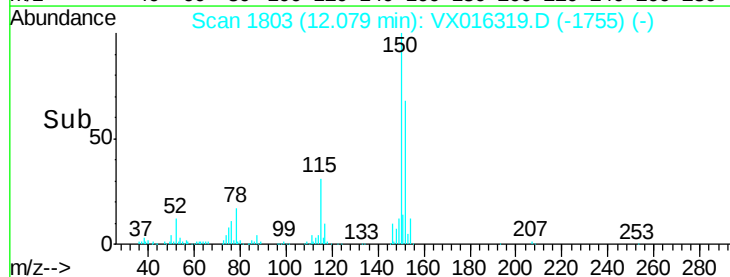
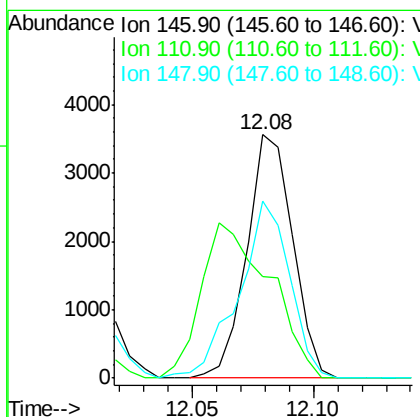
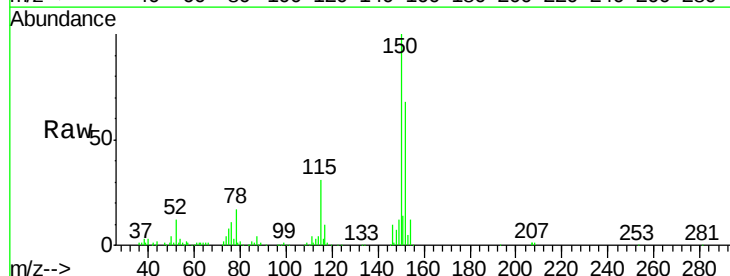
Manual Integrations
 APPROVED

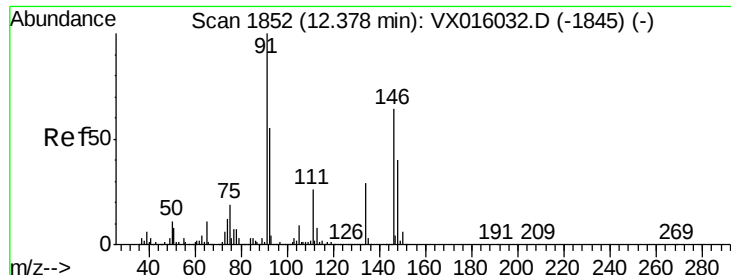
MMDadoda
 5/19/2020 2:27:24 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.641 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016319.D
 Acq: 18 May 2020 23:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	13.6	19.6	58.7#
148	24.4	31.8	95.3#





#91
 1,2-Dichlorobenzene
 Concen: 1.509 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016319.D
 Acq: 18 May 2020 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 WP021MW011-200514

Tot Ion:	146	Resp:	10519
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.1	63.1
148	62.3	32.4	97.0

Manual Integrations
 APPROVED

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