

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016876.D
 Acq On : 19 Jun 2020 13:58
 Operator : JC/SP
 Sample : L3005-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW001-200611

Manual Integrations
 APPROVED

MMDadoda
 6/22/2020 10:48:12 AM

Quant Time: Jun 22 13:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	414452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	159181	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	5.46	113	132868	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	8.70	98	475218	44.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.60%	
62) 4-Bromofluorobenzene	11.12	95	195548	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.17	74	3180	1.580	ug/l	100
11) Tert butyl alcohol	3.00	59	9544	17.790	ug/l	98
16) Acetone	2.42	43	13589	11.796	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	2536	0.848	ug/l	76
29) Tetrahydrofuran	5.10	42	5258	5.266	ug/l	93
49) 1,4-Dioxane	7.71	88	1885	30.287	ug/l #	87
65) Chlorobenzene	10.12	112	122767	15.081	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	5411m	0.798	ug/l	
91) 1,2-Dichlorobenzene	12.38	146	2802	0.433	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	1387	0.319	ug/l #	90
95) Naphthalene	13.82	128	2966	0.232	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	1235	0.285	ug/l	94

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

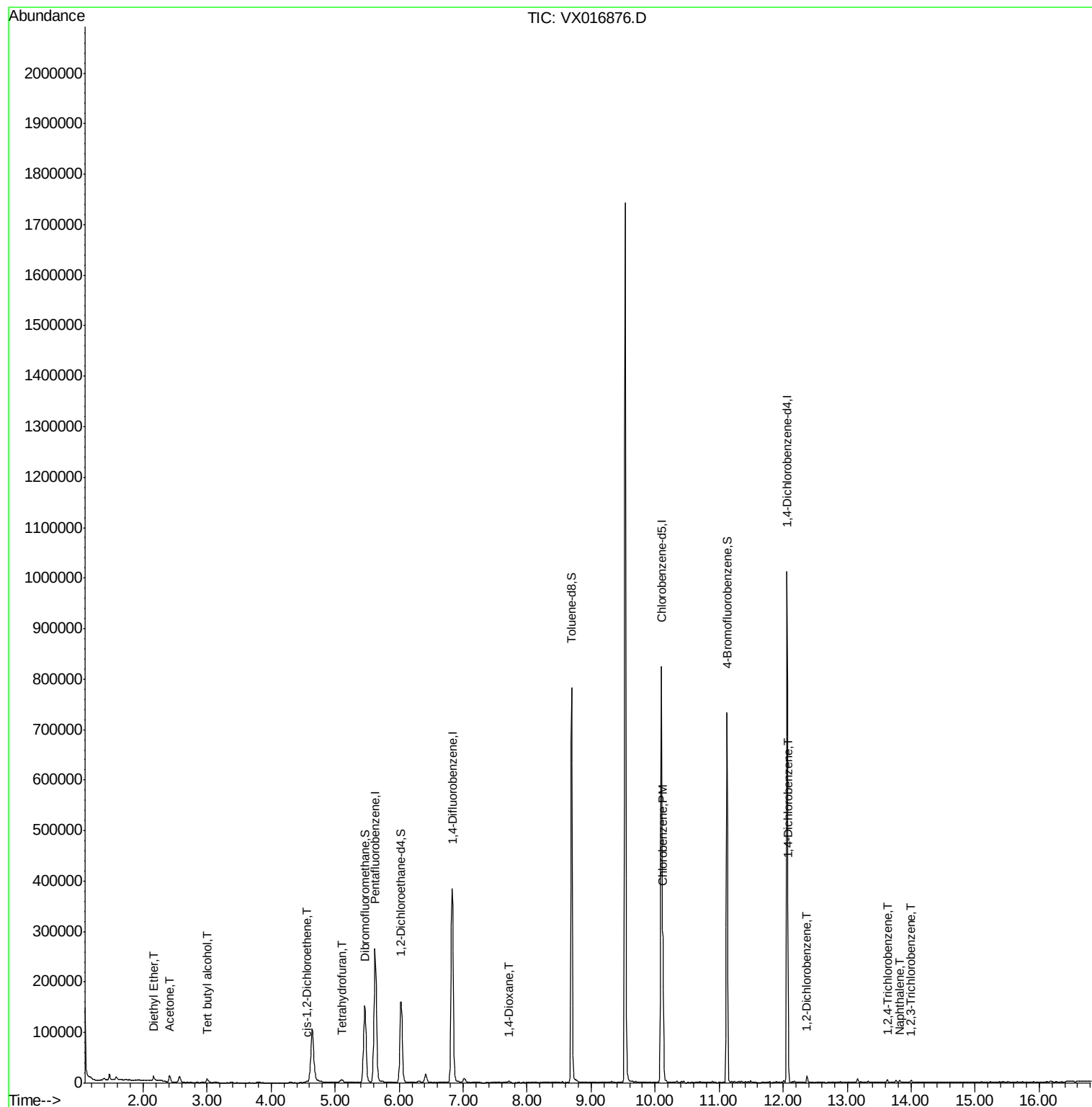
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016876.D
Acq On : 19 Jun 2020 13:58
Operator : JC/SP
Sample : L3005-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

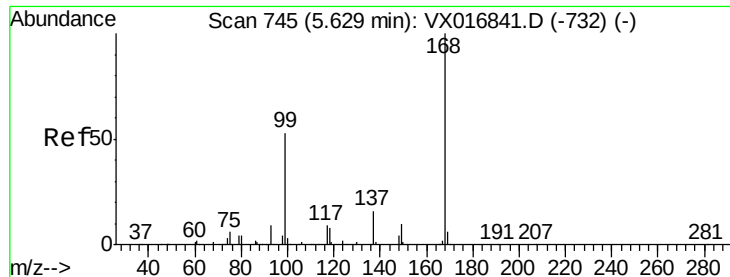
Instrument :
MSVOA_X
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Quant Time: Jun 22 13:21:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016876.D

Acq: 19 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampleId :

LF017MW001-200611

Tot Ion:168 Resp: 263863

Ion Ratio Lower Upper

168 100

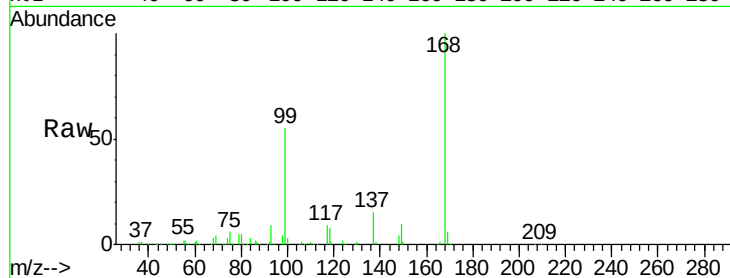
99 55.1 42.2 63.2

Manual Integrations

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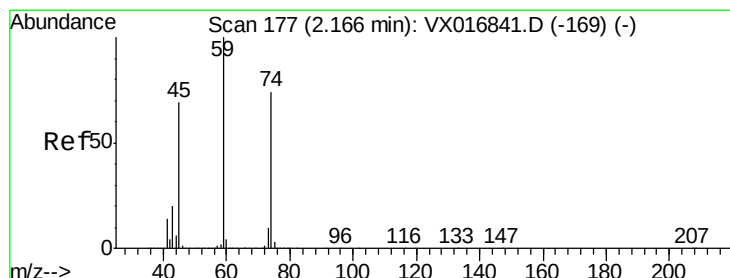
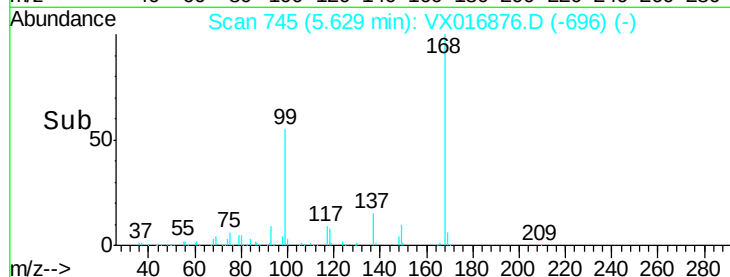
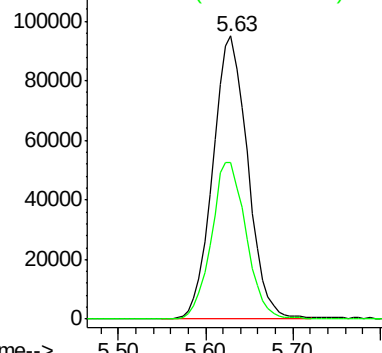
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.580 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016876.D

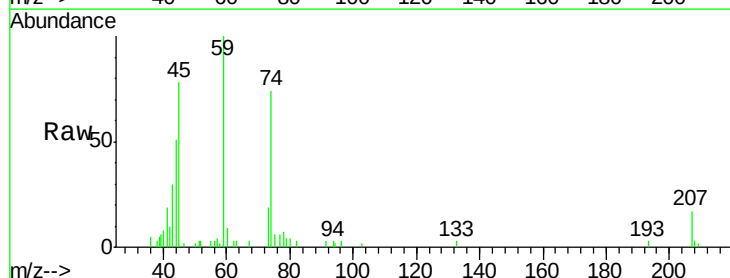
Acq: 19 Jun 2020 13:58

Tgt Ion: 74 Resp: 3180

Ion Ratio Lower Upper

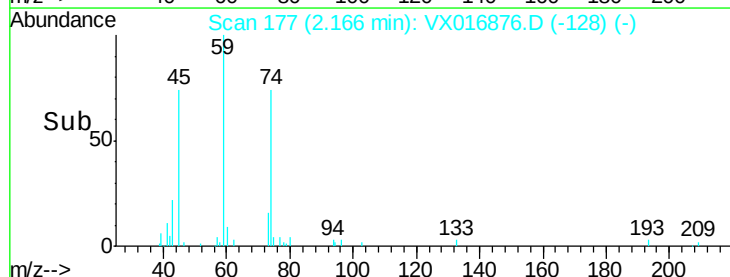
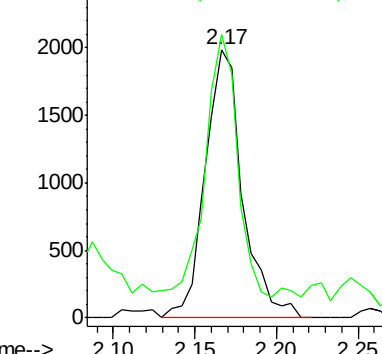
74 100

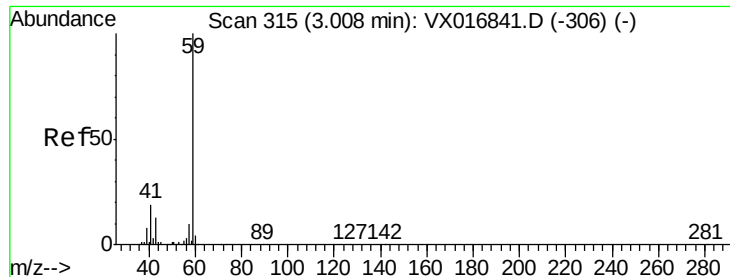
45 90.4 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#11

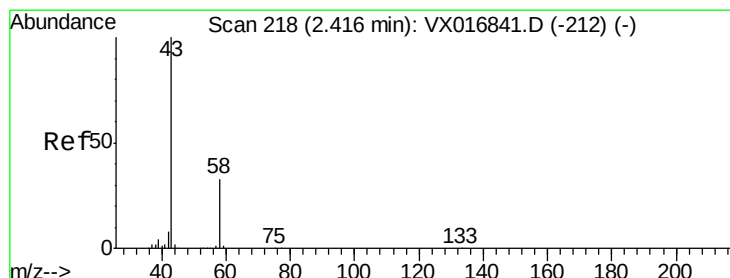
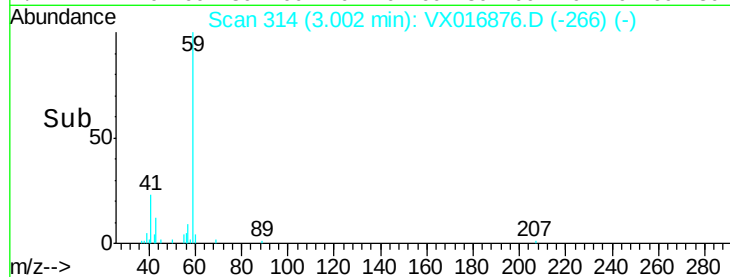
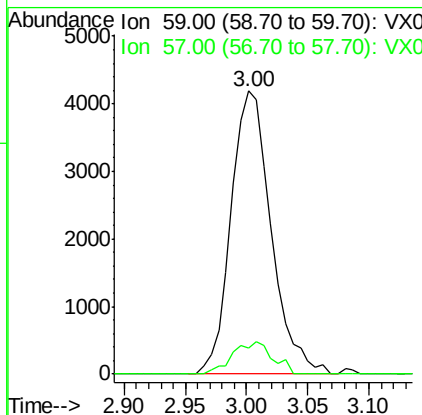
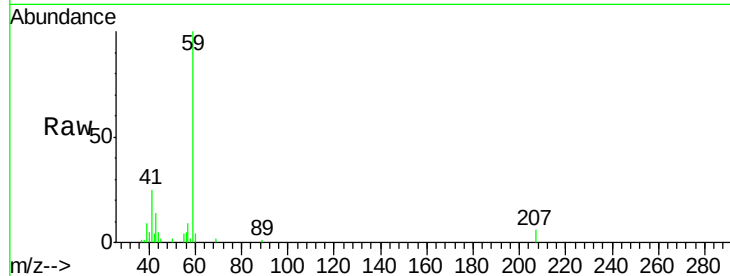
Tert butyl alcohol
 Concen: 17.790 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX016876.D
 Acq: 19 Jun 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW001-200611

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.4	12.6

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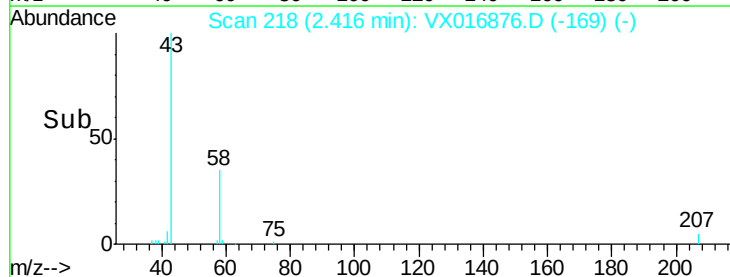
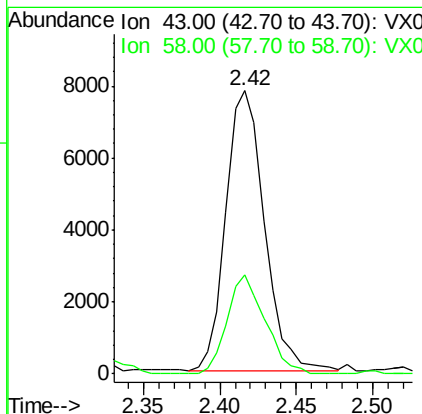
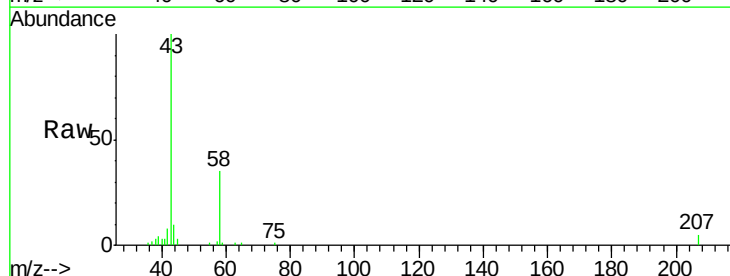
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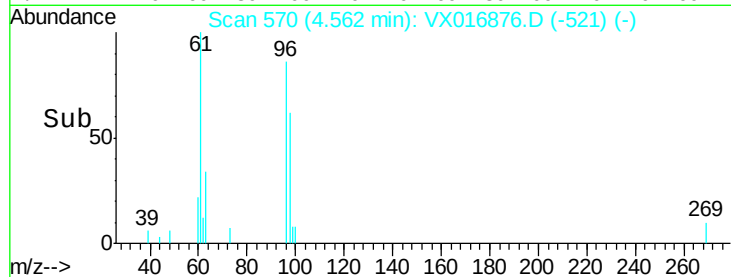
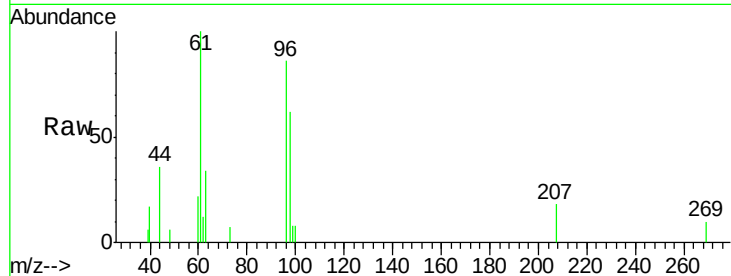
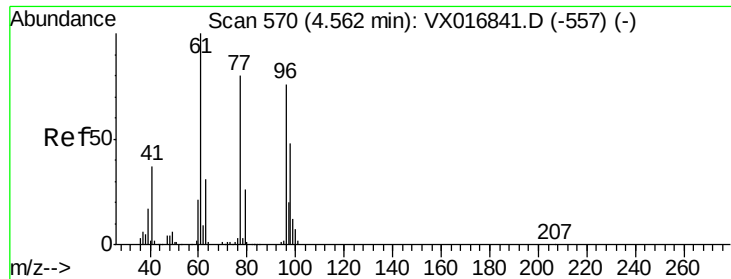


#16

Acetone
 Concen: 11.796 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016876.D
 Acq: 19 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.6	26.6	39.8





#27

cis-1,2-Dichloroethene

Concen: 0.848 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016876.D

Acq: 19 Jun 2020 13:58

Tot Ion	96	Resp:	2536
Ion	Ratio	Lower	Upper
96	100		
61	98.8	0.0	273.8
98	58.0	0.0	129.0

Instrument :

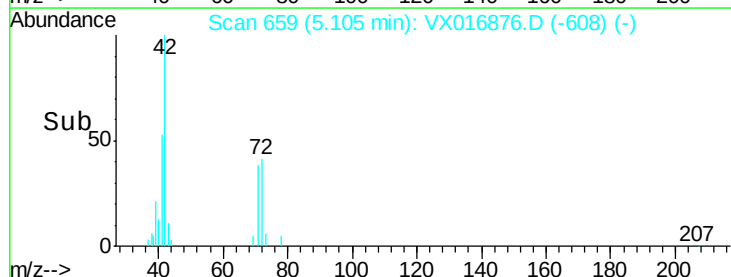
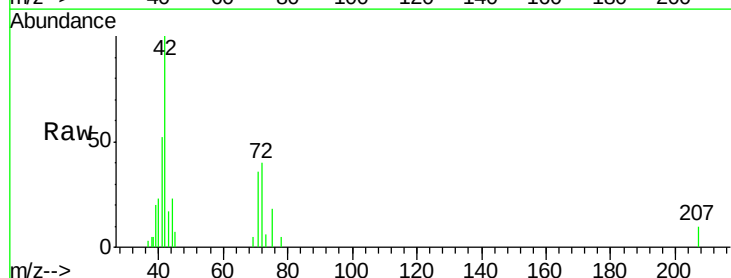
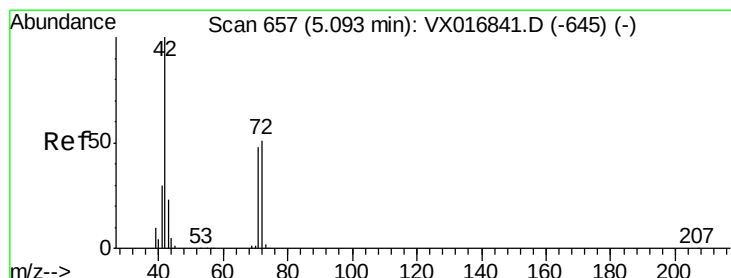
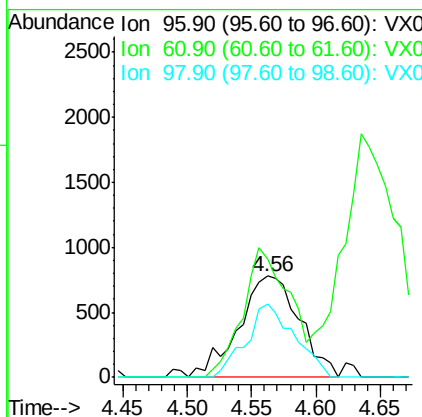
MSVOA_X

ClientSampleId :

LF017MW001-200611

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#29

Tetrahydrofuran

Concen: 5.266 ug/l

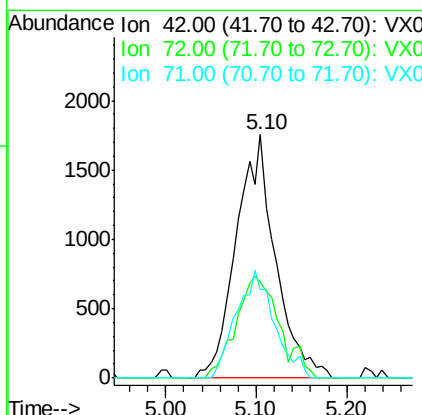
RT: 5.10 min Scan# 659

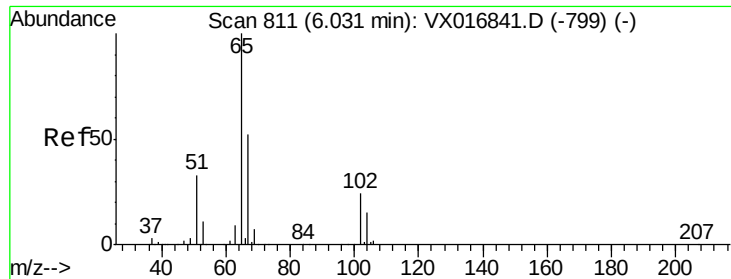
Delta R.T. 0.01 min

Lab File: VX016876.D

Acq: 19 Jun 2020 13:58

Tgt Ion	42	Resp:	5258
Ion	Ratio	Lower	Upper
42	100		
72	46.4	41.1	61.7
71	43.0	38.4	57.6





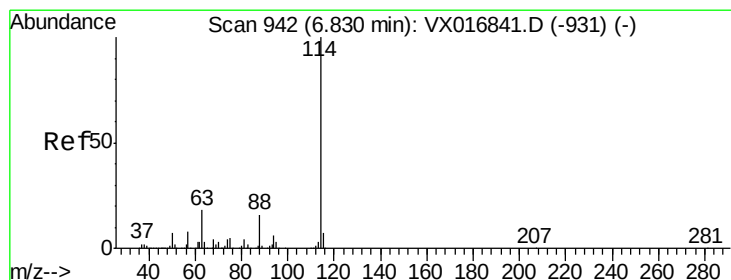
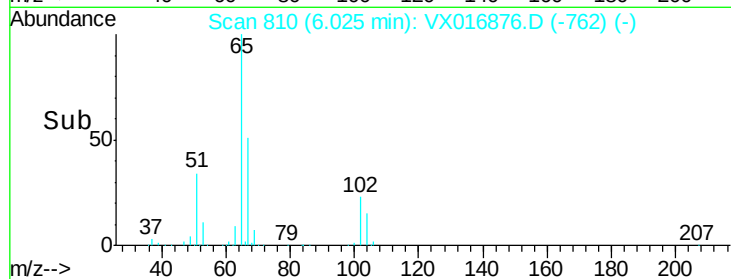
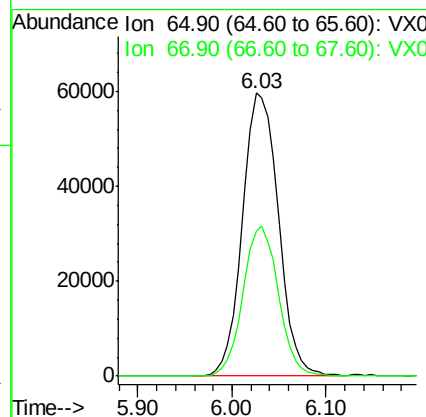
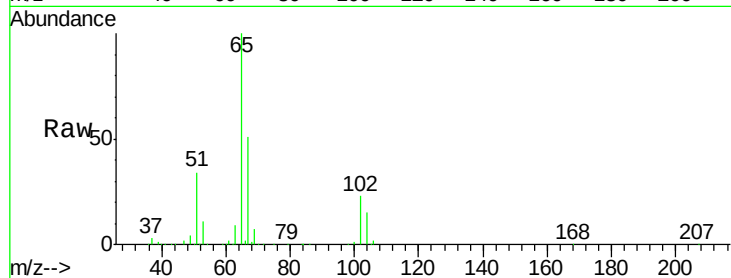
#33
 1,2-Dichloroethane-d4
 Concen: 50.161 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016876.D
 Acq: 19 Jun 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW001-200611

Tot Ion	Ratio	Resp	Lower	Upper
65	100	159181		
67	52.1	0.0	102.6	

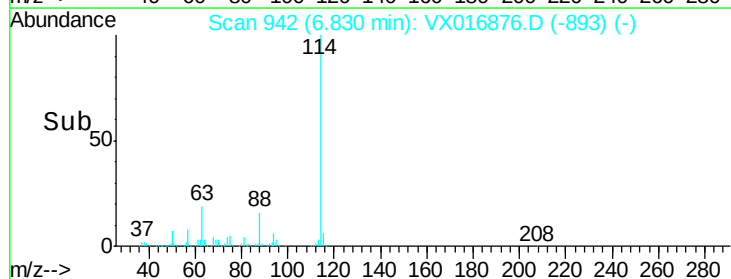
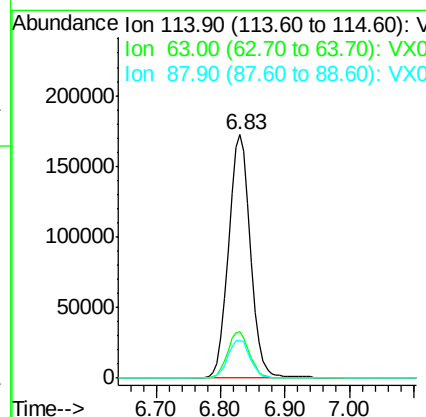
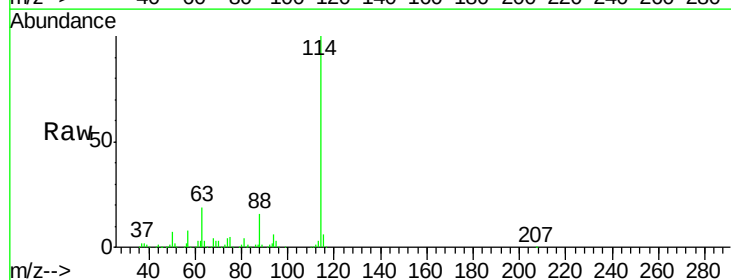
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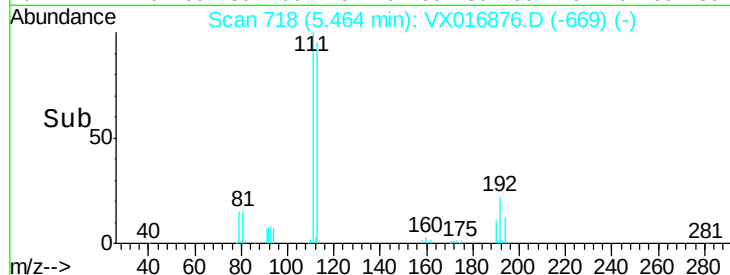
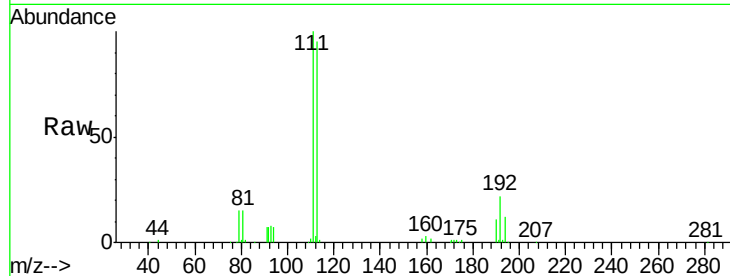
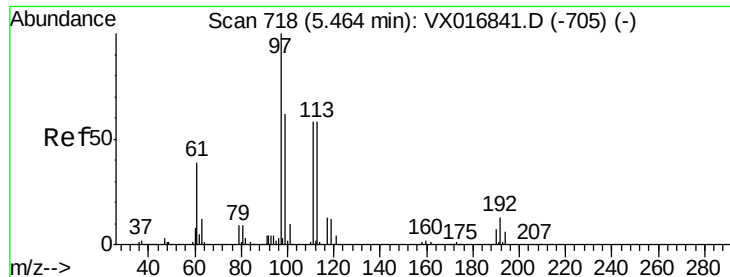
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016876.D
 Acq: 19 Jun 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	414452		
63	19.1	0.0	37.0	
88	15.6	0.0	32.0	





#35

Dibromofluoromethane

Concen: 50.115 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016876.D

Acq: 19 Jun 2020 13:58

Tot Ion:	113	Resp:	132868
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.0	121.4
192	22.5	18.5	27.7

Instrument :

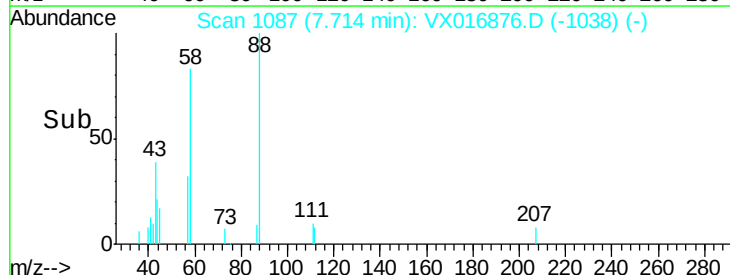
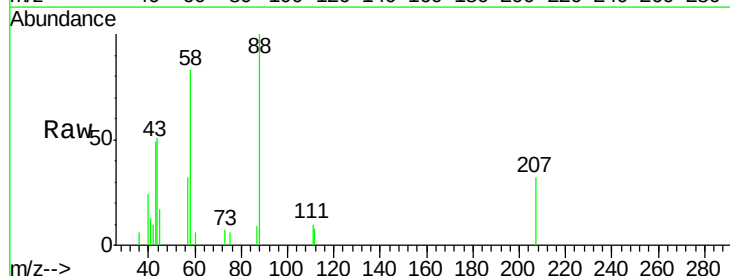
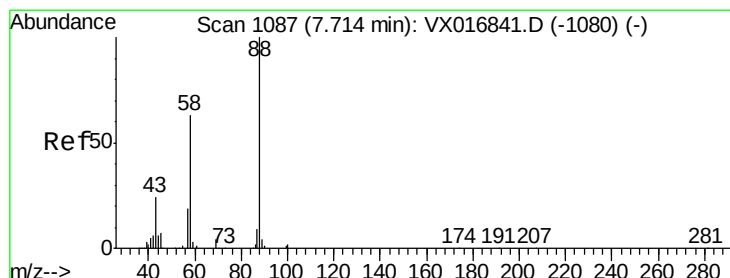
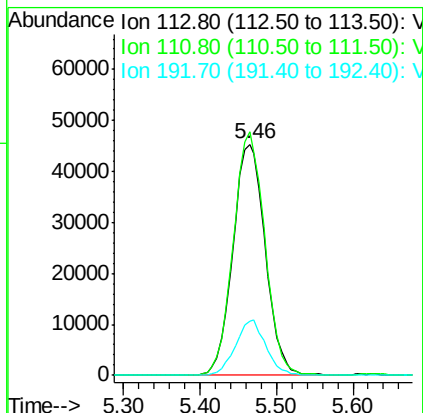
MSVOA_X

ClientSampleId :

LF017MW001-200611

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#49

1,4-Dioxane

Concen: 30.287 ug/l

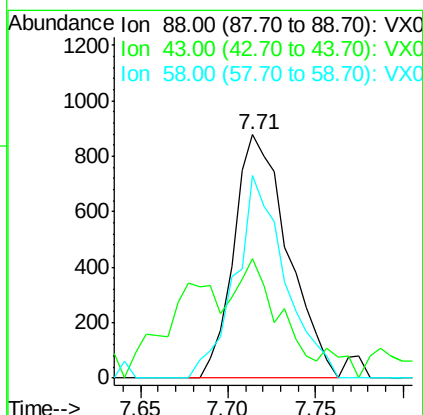
RT: 7.71 min Scan# 1087

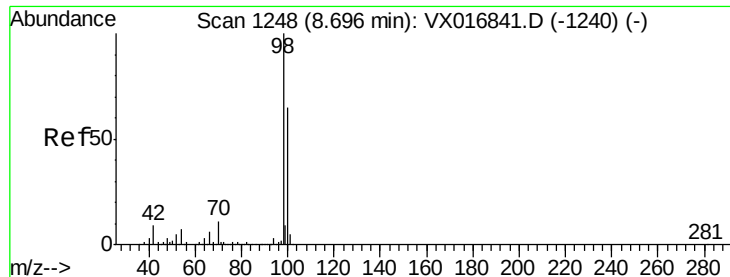
Delta R.T. -0.00 min

Lab File: VX016876.D

Acq: 19 Jun 2020 13:58

Tgt Ion:	88	Resp:	1885
Ion Ratio	Lower	Upper	
88	100		
43	34.9	22.7	34.1#
58	76.8	53.1	79.7





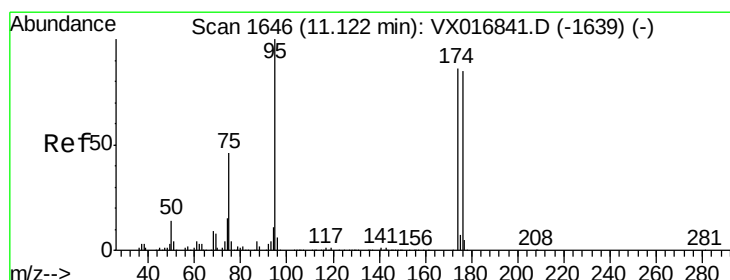
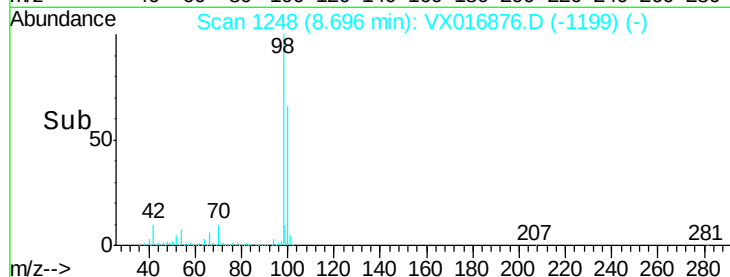
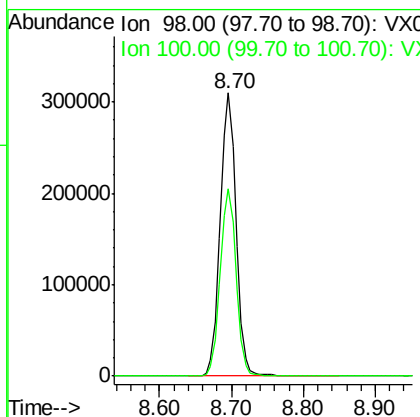
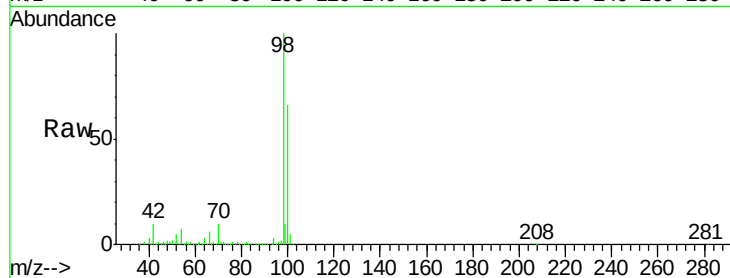
#50
Toluene-d8
Concen: 44.801 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016876.D
Acq: 19 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion: 98 Resp: 475218
Ion Ratio Lower Upper
98 100
100 66.4 54.0 81.0

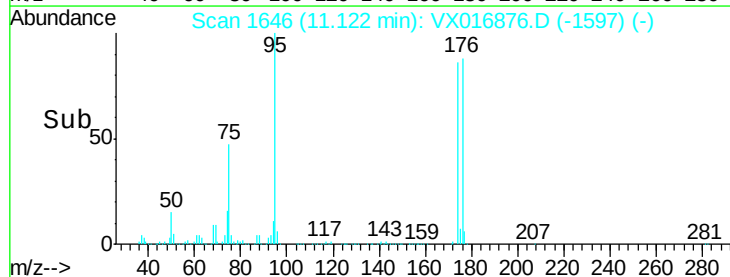
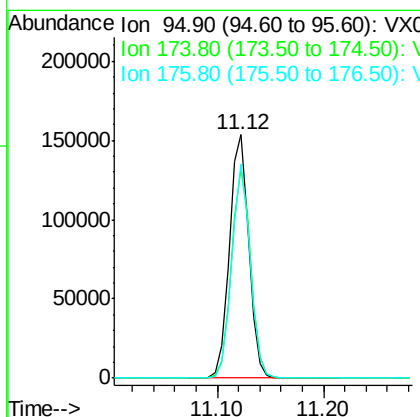
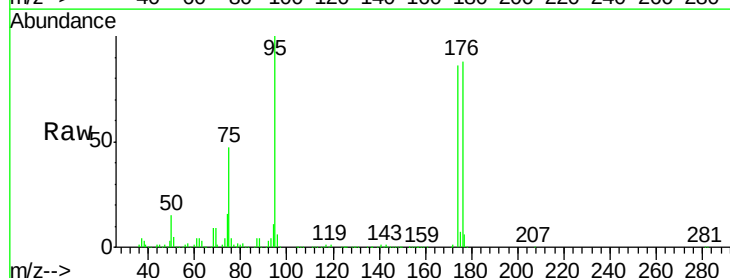
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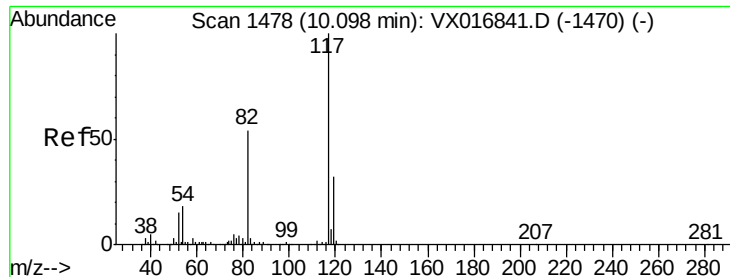
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#62
4-Bromofluorobenzene
Concen: 48.116 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016876.D
Acq: 19 Jun 2020 13:58

Tgt Ion: 95 Resp: 195548
Ion Ratio Lower Upper
95 100
174 85.8 0.0 174.2
176 84.0 0.0 170.0





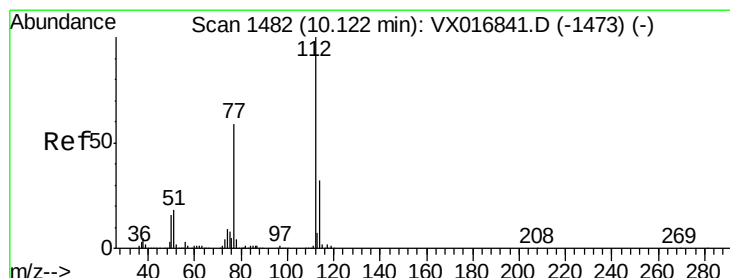
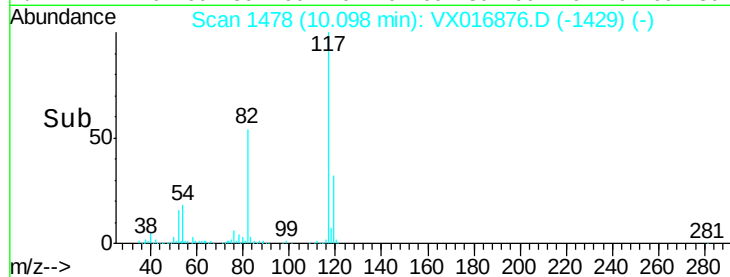
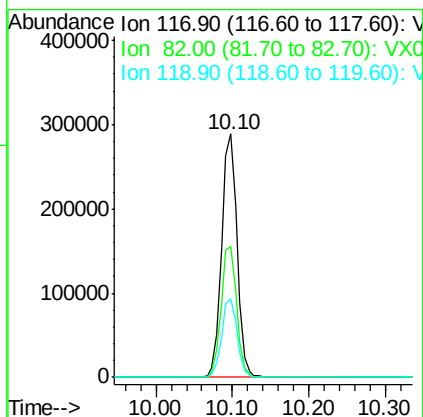
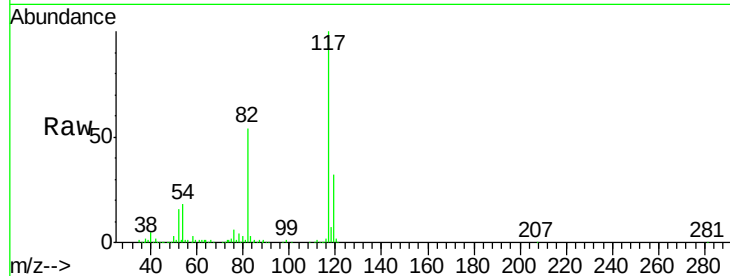
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016876.D
Acq: 19 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
117	100	401998		
82	53.7		43.4	65.0
119	32.2		25.7	38.5

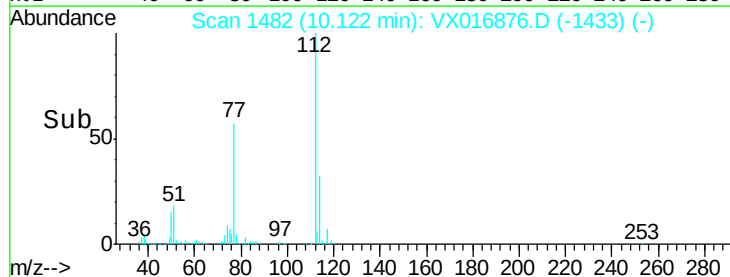
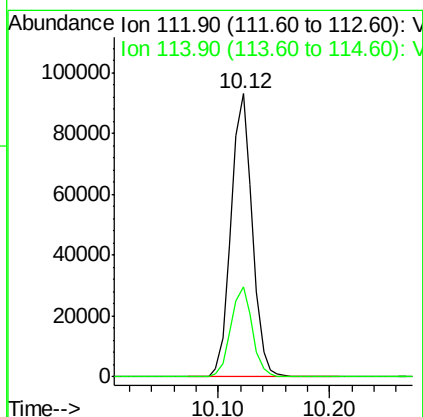
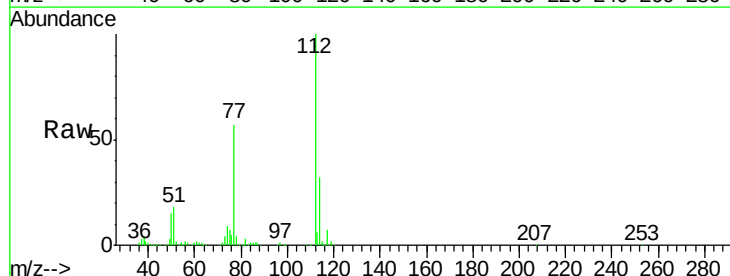
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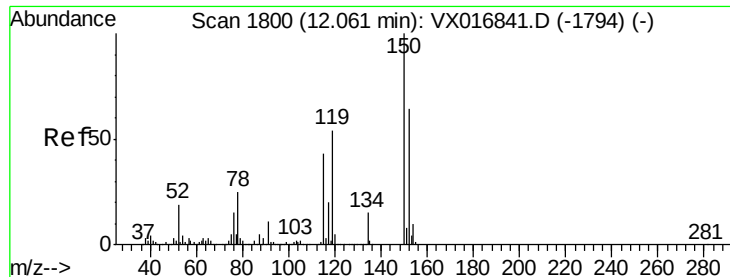
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#65
Chlorobenzene
Concen: 15.081 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016876.D
Acq: 19 Jun 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	122767		
114	31.9		25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016876.D

Acq: 19 Jun 2020 13:58

Instrument :

MSVOA_X

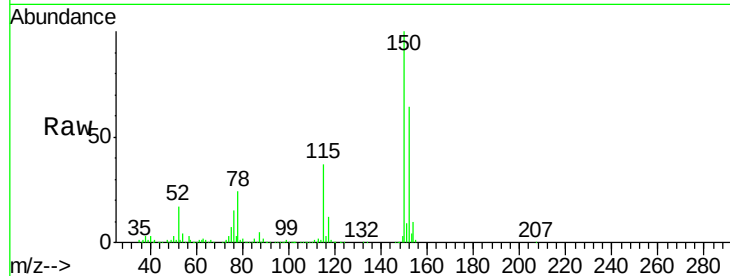
ClientSampleId :

LF017MW001-200611

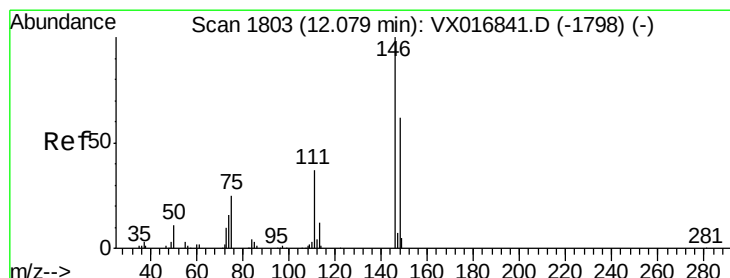
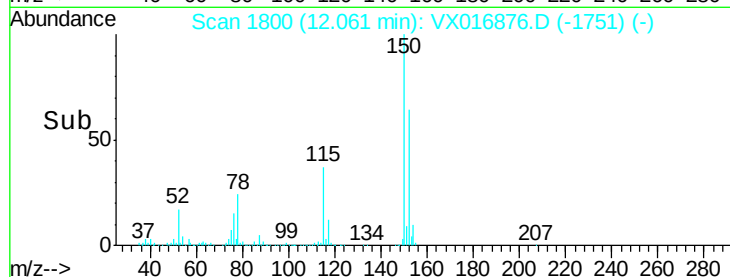
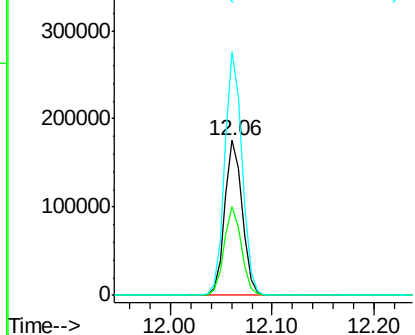
Tot Ion:	152	Resp:	209089
Ion Ratio	Lower	Upper	
152	100		
115	56.6	40.9	122.8
150	155.6	0.0	344.2

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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



#88

1,4-Dichlorobenzene

Concen: 0.798 ug/l m

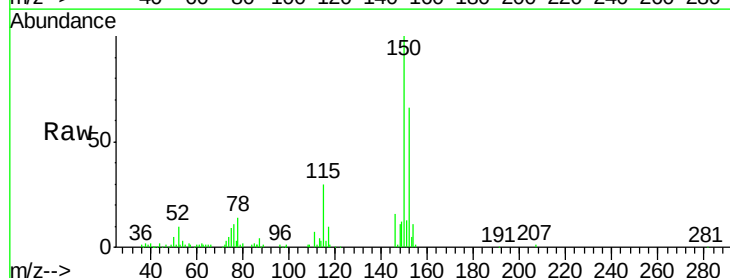
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

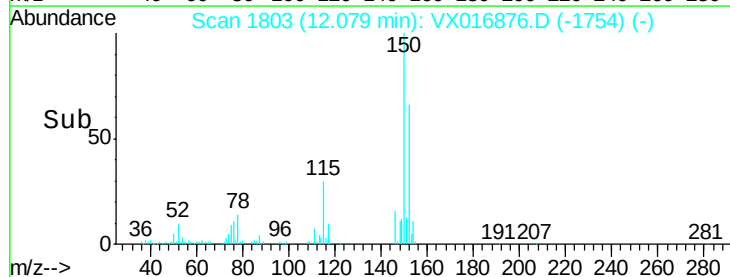
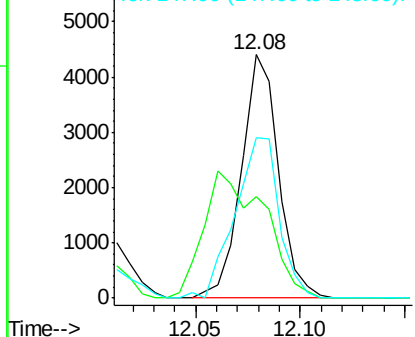
Lab File: VX016876.D

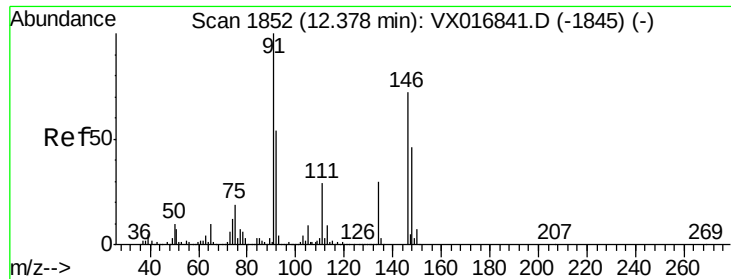
Acq: 19 Jun 2020 13:58

Tgt Ion:	146	Resp:	5411
Ion Ratio	Lower	Upper	
146	100		
111	12.2	19.0	57.0#
148	15.4	31.6	95.0#



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





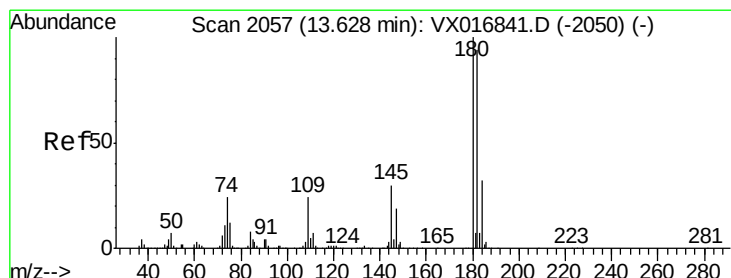
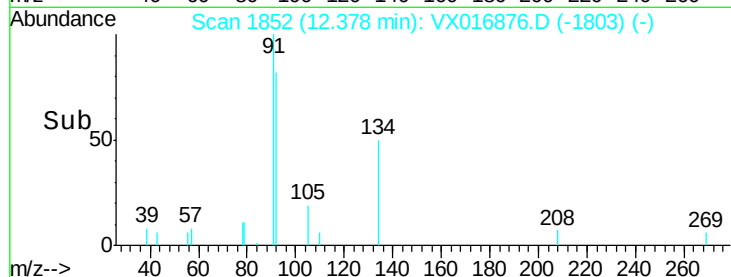
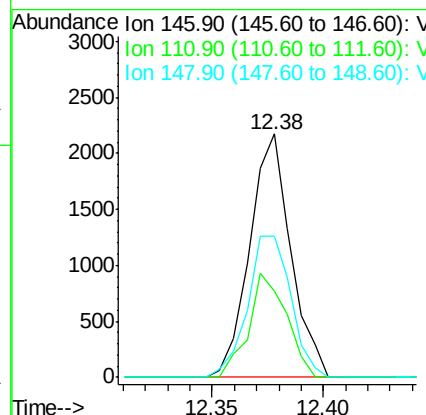
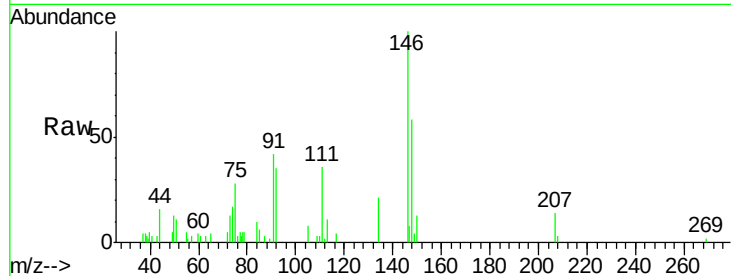
#91
 1,2-Dichlorobenzene
 Concen: 0.433 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016876.D
 Acq: 19 Jun 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW001-200611

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.9	62.7
148	61.2	32.9	98.6

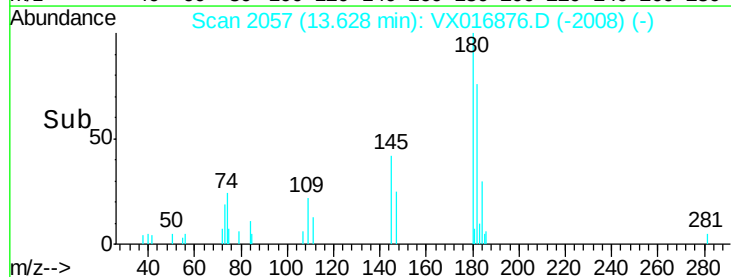
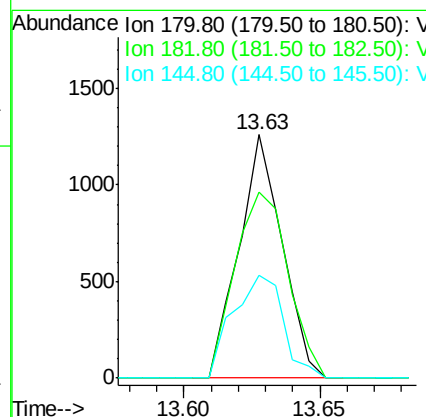
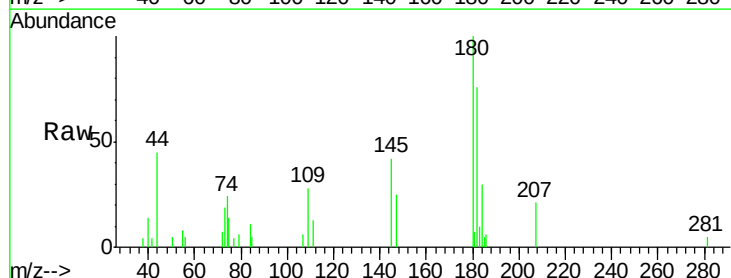
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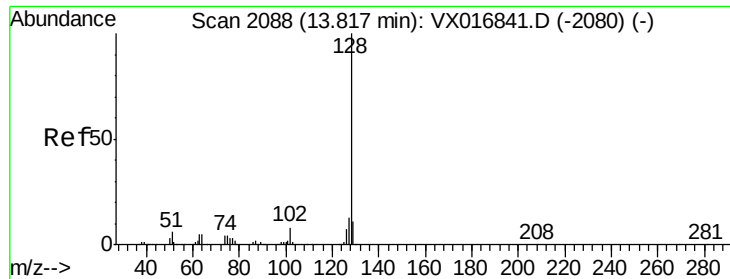
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.319 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016876.D
 Acq: 19 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	49.2	15.0	45.1#





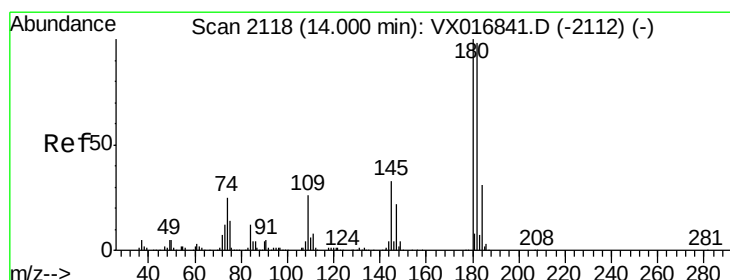
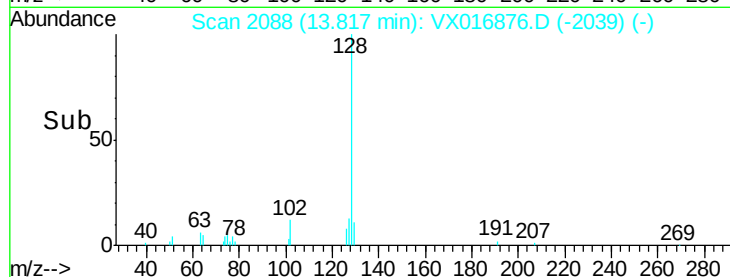
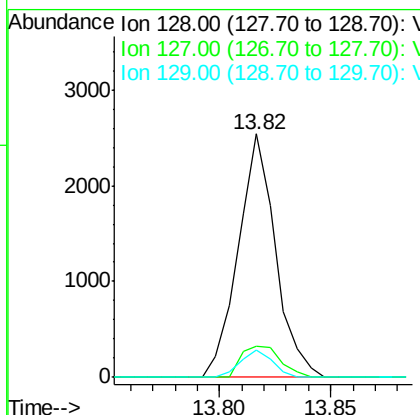
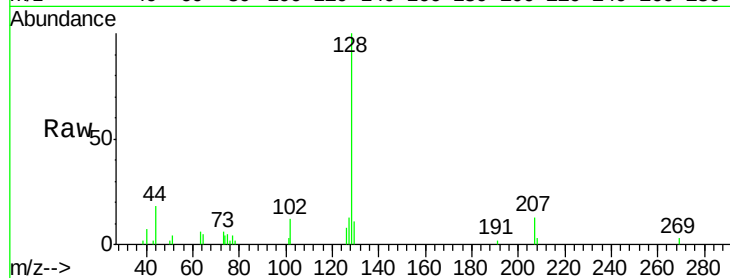
#95
Naphthalene
Concen: 0.232 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016876.D
Acq: 19 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
LF017MW001-200611

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	9.6	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.285 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016876.D
Acq: 19 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.4	142.3
145	38.6	16.0	48.0

