

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016880.D
 Acq On : 19 Jun 2020 15:29
 Operator : JC/SP
 Sample : L3032-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-200616DL

Manual Integrations
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 6/22/2020 12:22:57 PM

Quant Time: Jun 22 03:05:03 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	5.62	168	204446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	327316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	359570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	221251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	135543	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
35) Dibromofluoromethane	5.47	113	102439	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
50) Toluene-d8	8.70	98	428504	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.12	95	178502	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	

Target Compounds

					Qvalue
11) Tert butyl alcohol	3.04	59	4740m	11.403	ug/l
16) Acetone	2.42	43	2026	2.270	ug/l
20) Methylene Chloride	2.84	84	2437	1.139	ug/l #
22) Diisopropyl ether	3.82	45	6280	1.134	ug/l #
25) 2-Butanone	4.67	43	1166	0.949	ug/l
40) Benzene	6.11	78	10974	1.210	ug/l
44) Trichloroethene	7.18	130	1331	0.479	ug/l
65) Chlorobenzene	10.12	112	1013482	139.190	ug/l
87) 1,3-Dichlorobenzene	12.01	146	10035	1.414	ug/l
88) 1,4-Dichlorobenzene	12.09	146	93479	13.022	ug/l
91) 1,2-Dichlorobenzene	12.38	146	358031	52.251	ug/l

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

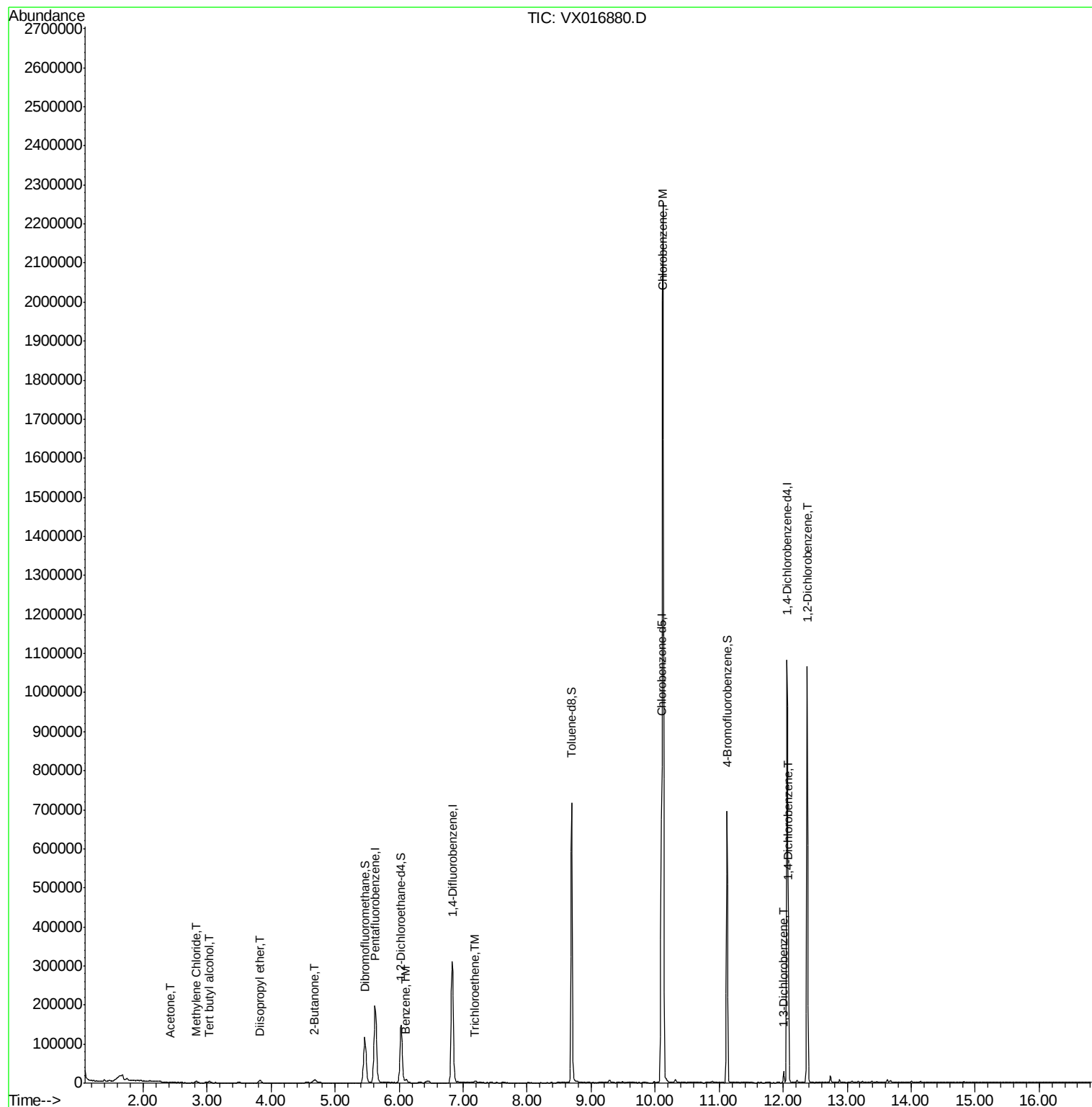
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061920\
Data File : VX016880.D
Acq On : 19 Jun 2020 15:29
Operator : JC/SP
Sample : L3032-02DL 10X
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ALS Vial : 10 Sample Multiplier: 1

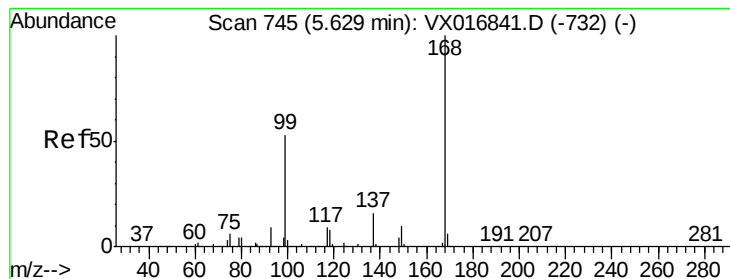
Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Manual Integrations
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Quant Time: Jun 22 03:05:03 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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

Tot Ion:168 Resp: 204446

Ion Ratio Lower Upper

168 100

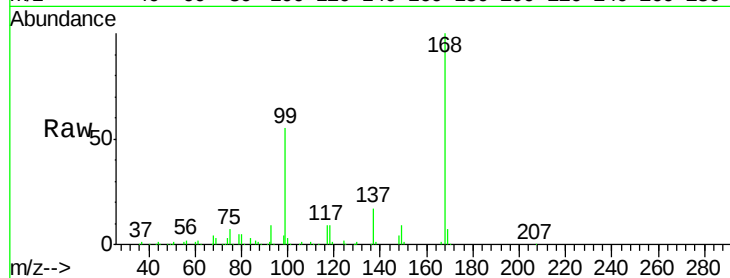
99 55.5 42.2 63.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

80000

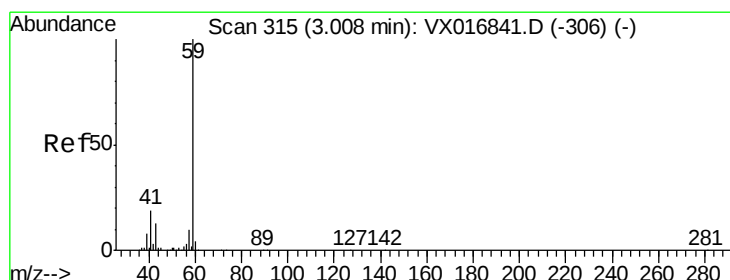
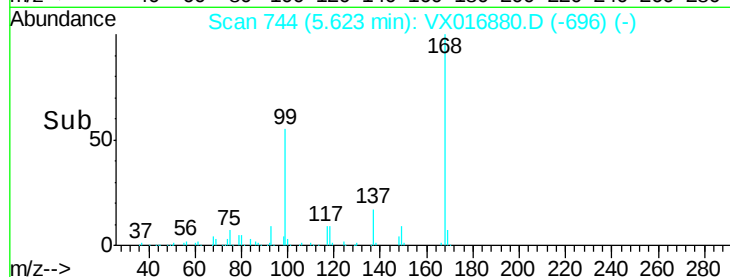
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.403 ug/l m

RT: 3.04 min Scan# 321

Delta R.T. 0.04 min

Lab File: VX016880.D

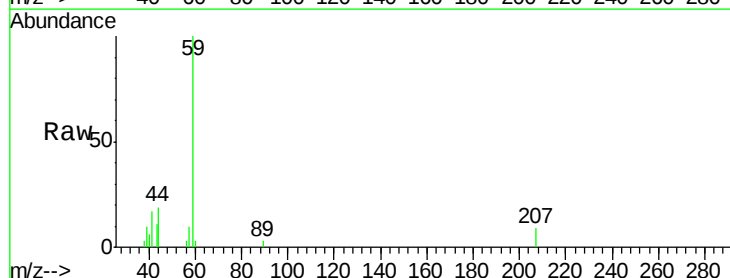
Acq: 19 Jun 2020 15:29

Tgt Ion: 59 Resp: 4740

Ion Ratio Lower Upper

59 100

57 11.2 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.04

2000

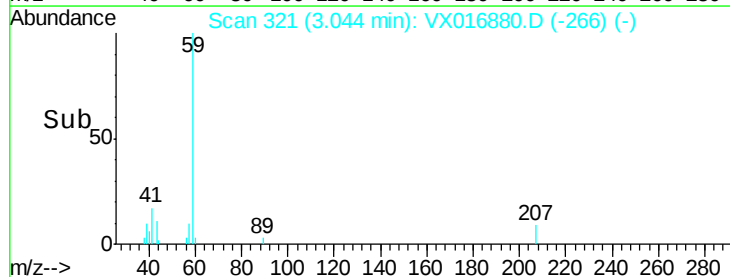
1500

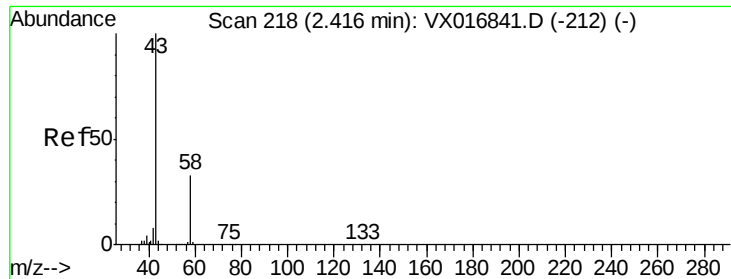
1000

500

0

Time-->





#16

Acetone

Concen: 2.270 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

Tot Ion: 43 Resp: 2026

Ion Ratio Lower Upper

43 100

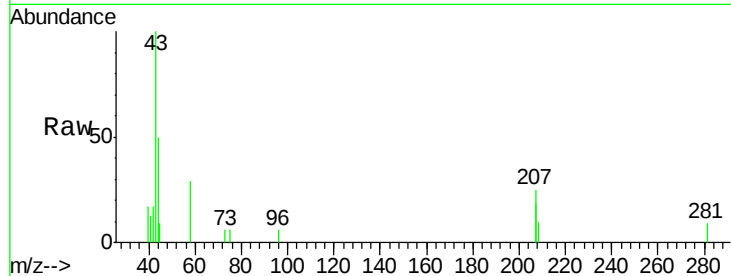
58 29.3 26.6 39.8

Manual Integrations

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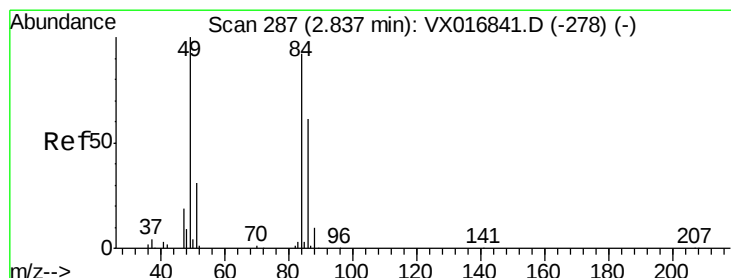
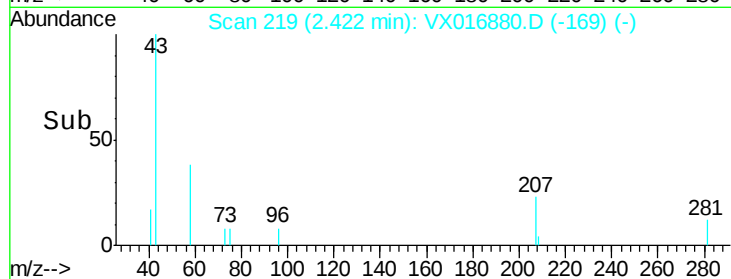
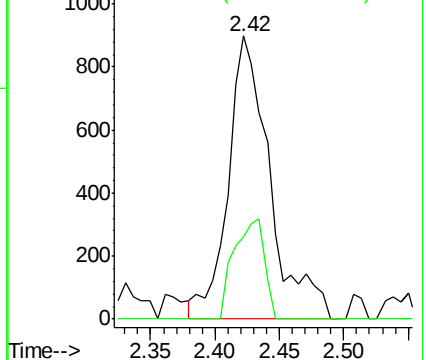
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 1.139 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Tgt Ion: 84 Resp: 2437

Ion Ratio Lower Upper

84 100

49 108.1 86.6 129.8

51 54.3 27.1 40.7#

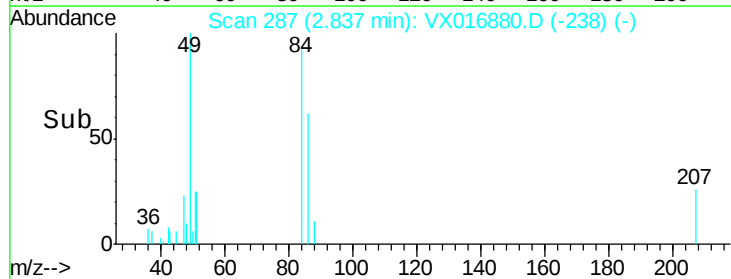
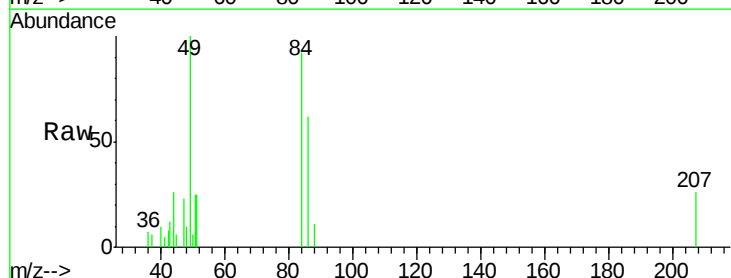
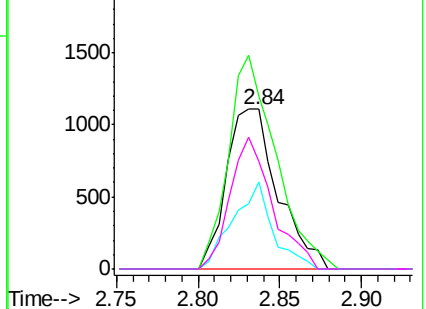
86 67.5 53.1 79.7

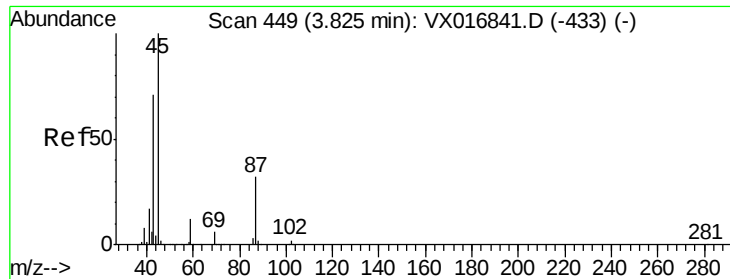
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#22

Diisopropyl ether

Concen: 1.134 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Instrument :

MSVOA_X

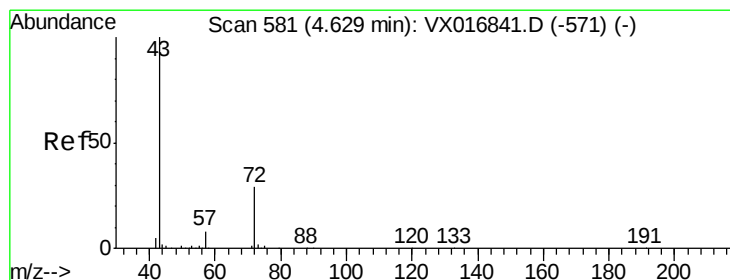
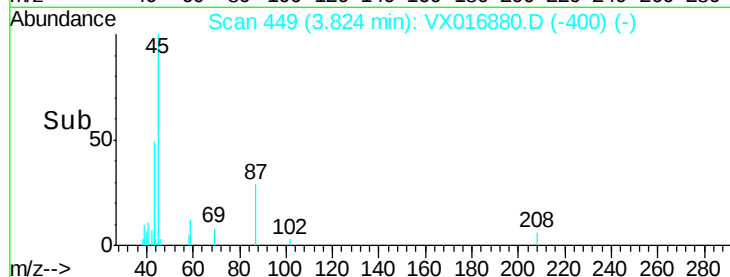
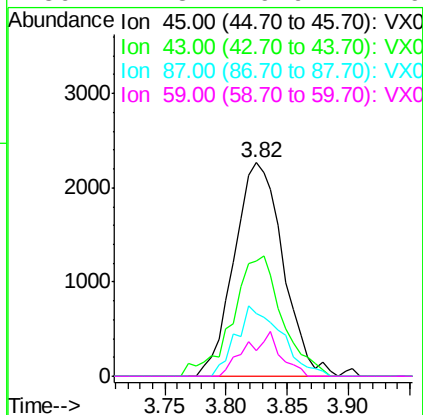
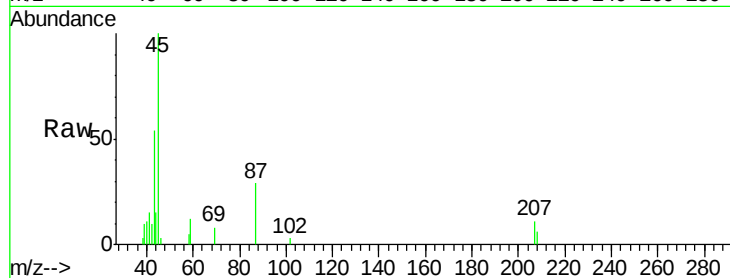
ClientSampleId :

LF015MW047-200616DL

Tot Ion	45	Resp:	6280
Ion Ratio	Lower	Upper	
45	100		
43	54.2	57.0	85.4#
87	29.2	25.2	37.8
59	11.8	9.9	14.9

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#25

2-Butanone

Concen: 0.949 ug/l

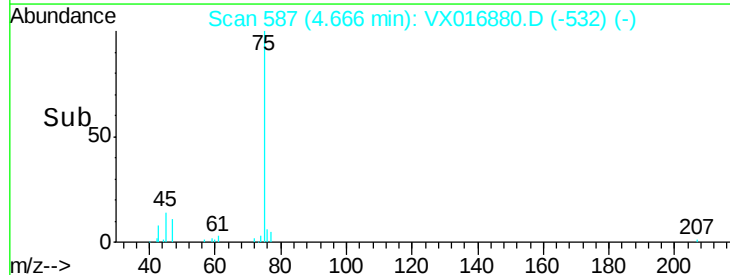
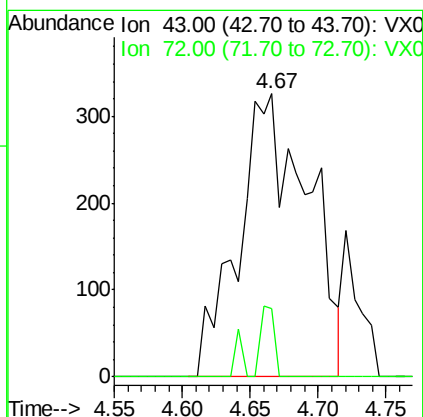
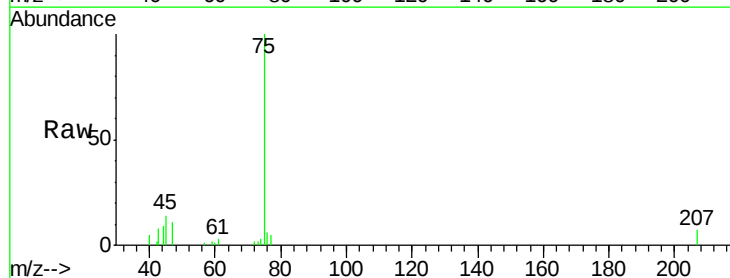
RT: 4.67 min Scan# 587

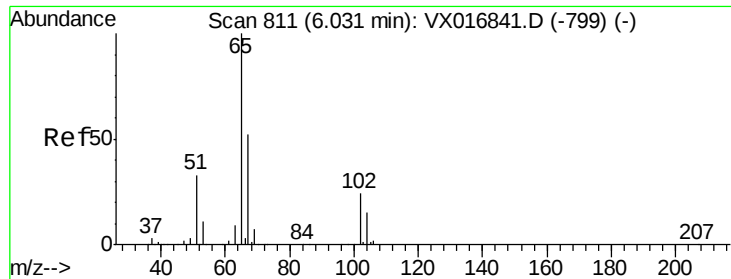
Delta R.T. 0.04 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Tgt Ion	43	Resp:	1166
Ion Ratio	Lower	Upper	
43	100		
72	23.9	23.5	35.3





#33

1,2-Dichloroethane-d4

Concen: 55.125 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

Tot Ion: 65 Resp: 135543

Ion Ratio Lower Upper

65 100

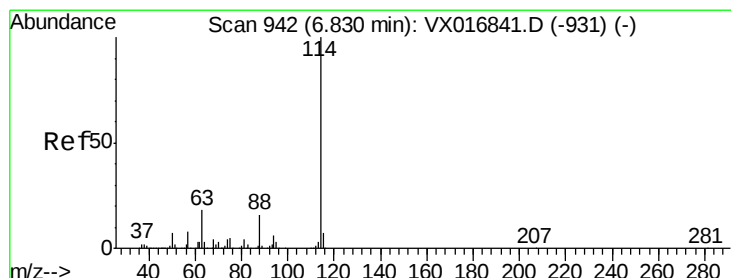
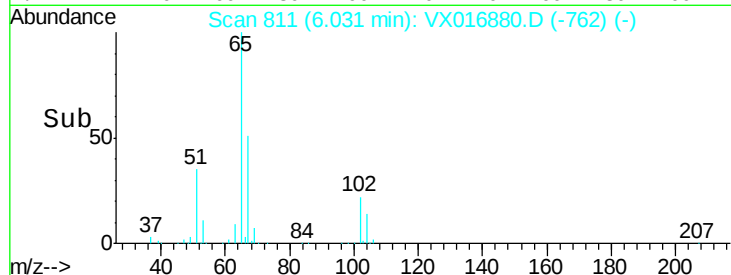
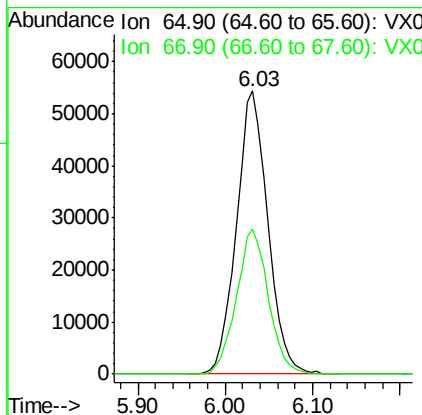
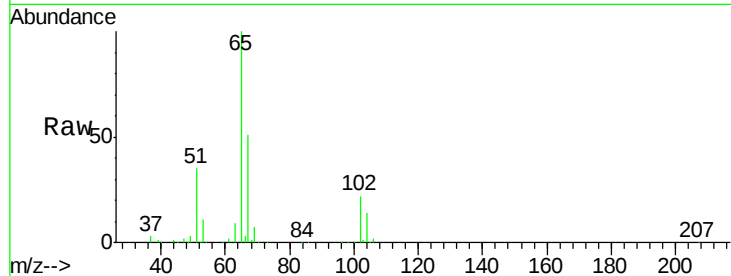
67 52.2 0.0 102.6

Manual Integrations

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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: VX016880.D

Acq: 19 Jun 2020 15:29

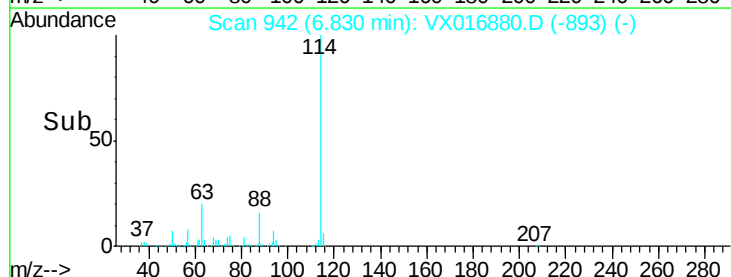
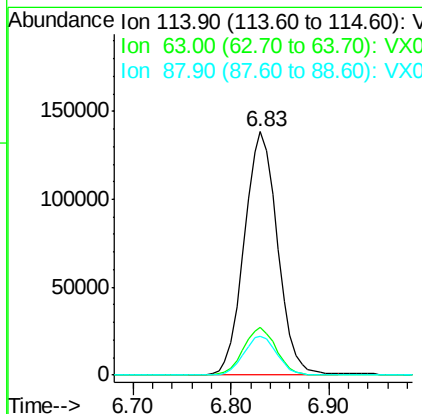
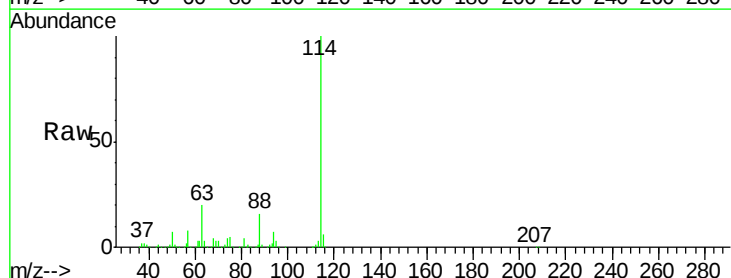
Tgt Ion: 114 Resp: 327316

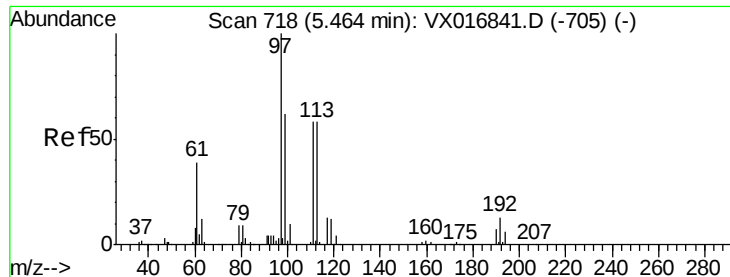
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

88 15.9 0.0 32.0





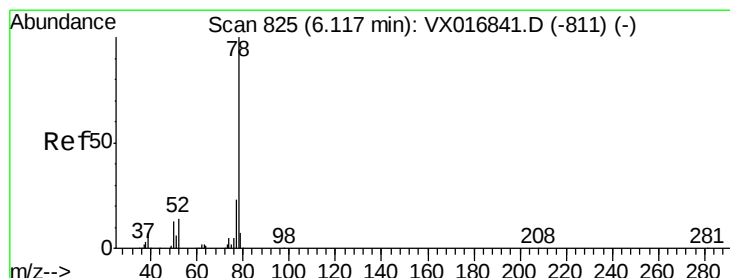
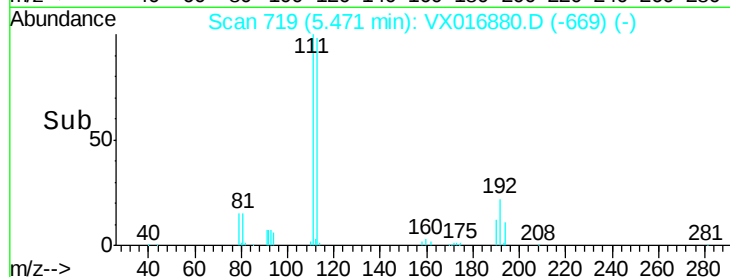
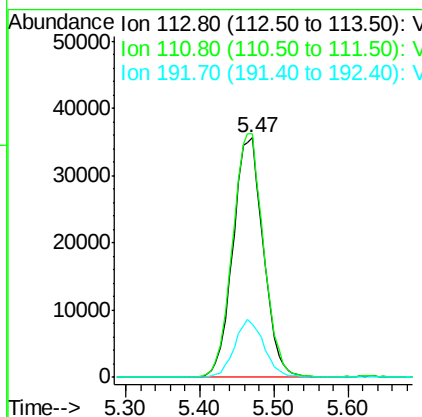
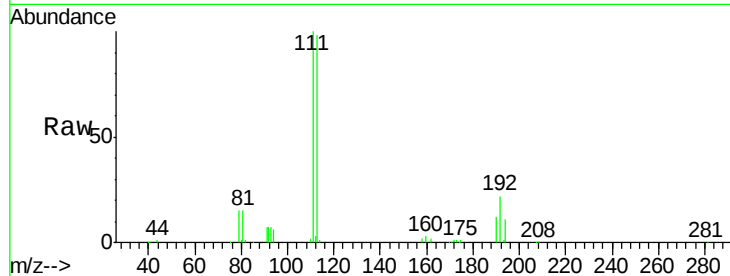
#35
Dibromofluoromethane
Concen: 48.924 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016880.D
Acq: 19 Jun 2020 15:29

Instrument :
MSVOA_X
ClientSampleId :
LF015MW047-200616DL

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.0	121.4
192	23.2	18.5	27.7

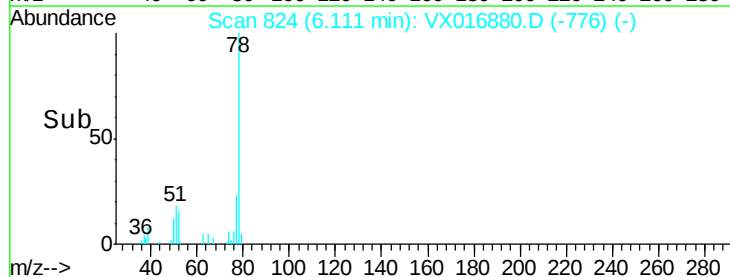
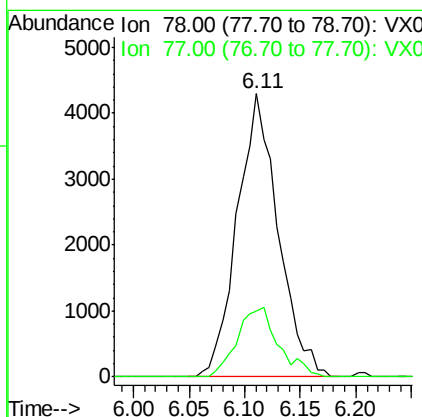
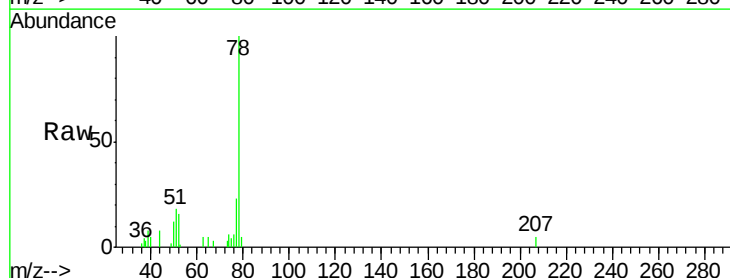
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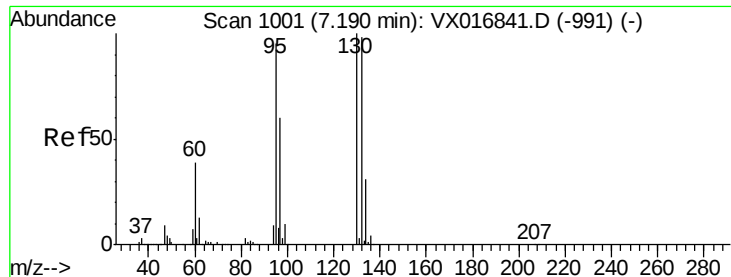
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#40
Benzene
Concen: 1.210 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016880.D
Acq: 19 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.6	27.8





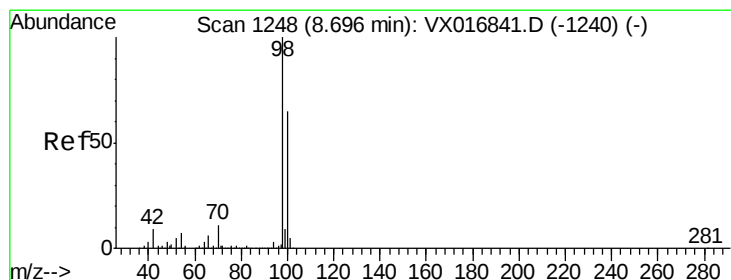
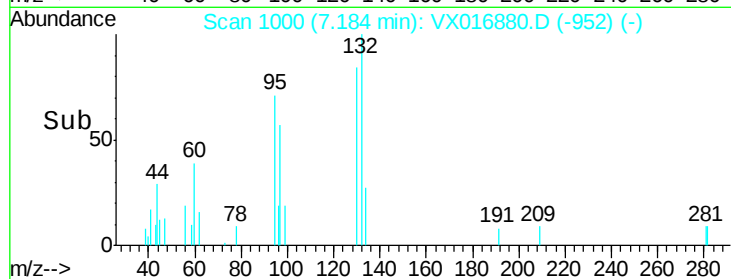
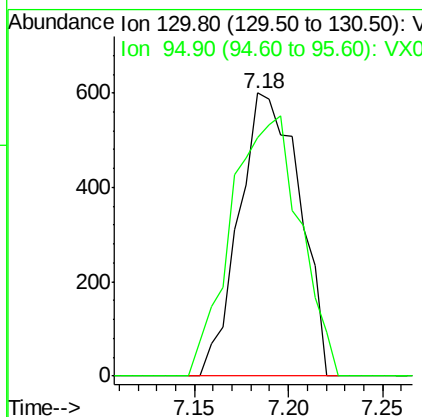
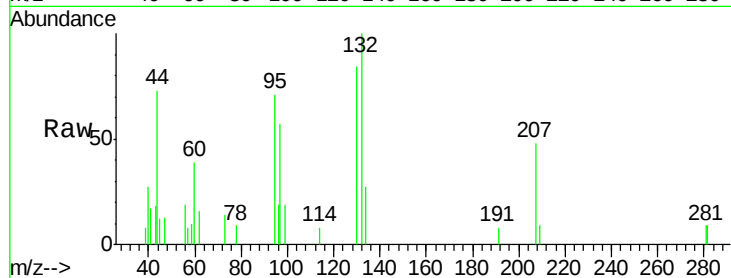
#44
 Trichloroethene
 Concen: 0.479 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016880.D
 Acq: 19 Jun 2020 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-200616DL

Tot Ion	Ratio	Lower	Upper
130	100		
95	84.2	0.0	190.8

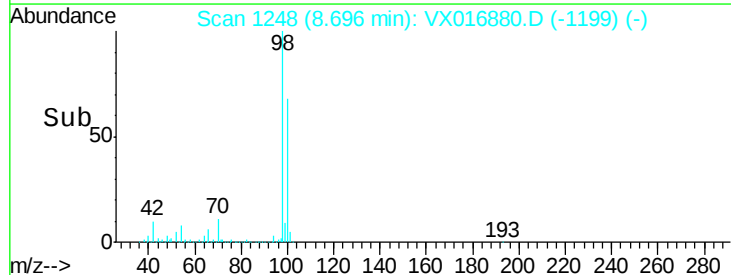
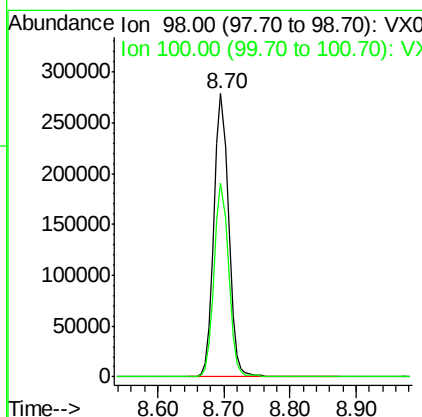
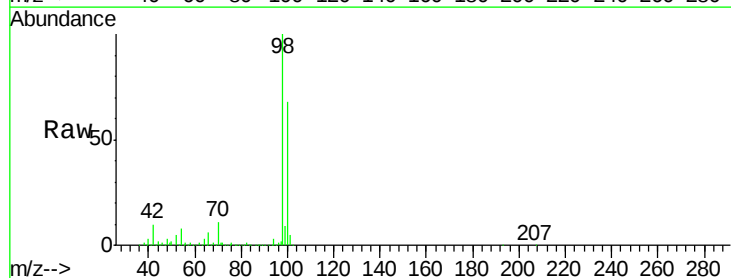
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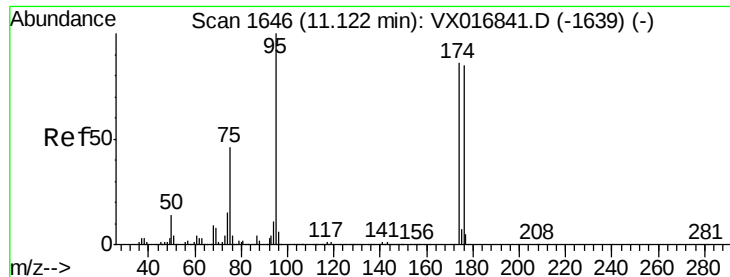
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#50
 Toluene-d8
 Concen: 51.151 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016880.D
 Acq: 19 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	54.0	81.0





#62

4-Bromofluorobenzene

Concen: 55.614 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Instrument :

MSVOA_X

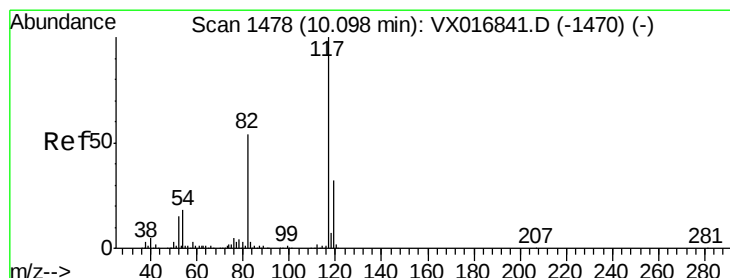
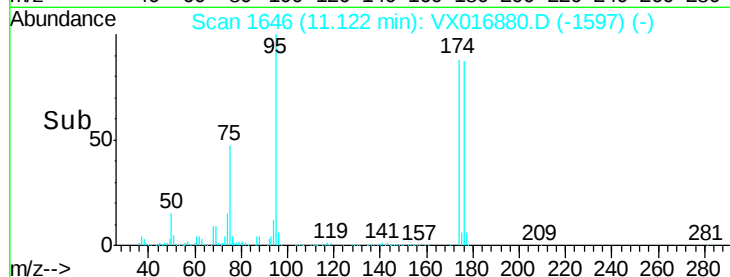
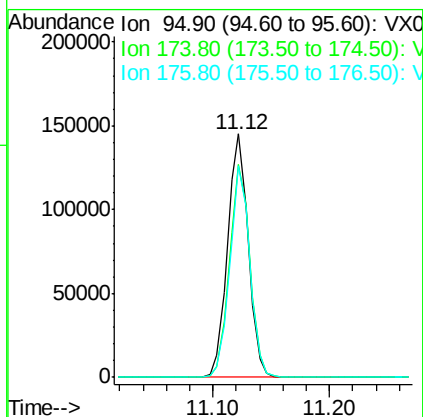
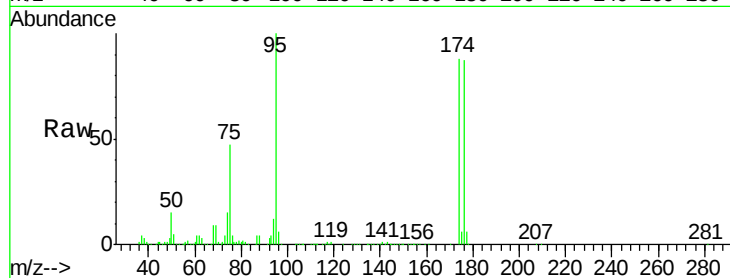
ClientSampleId :

LF015MW047-200616DL

Tot Ion:	95	Resp:	178502
Ion Ratio	Lower	Upper	
95	100		
174	86.6	0.0	174.2
176	84.3	0.0	170.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

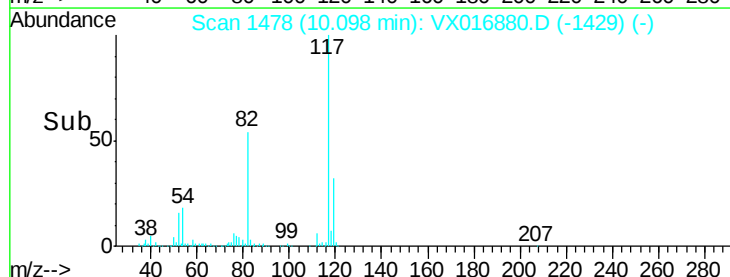
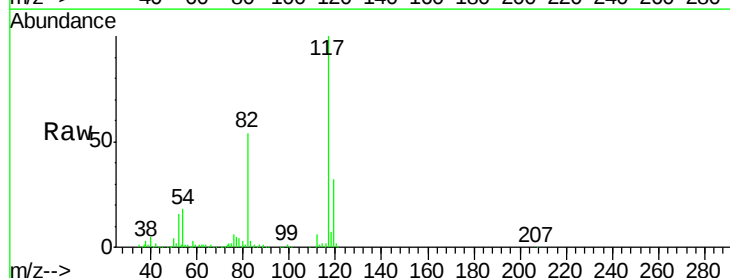
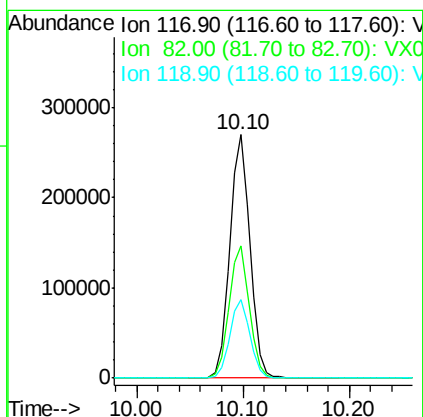
RT: 10.10 min Scan# 1478

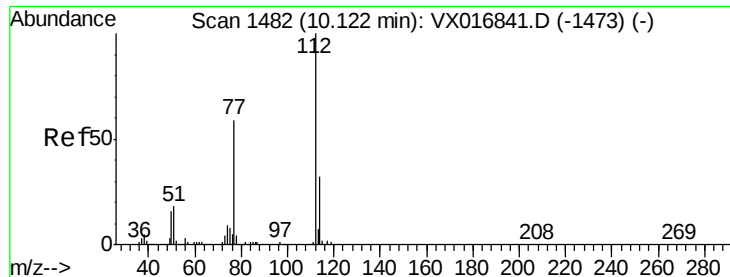
Delta R.T. -0.00 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Tgt Ion:	117	Resp:	359570
Ion Ratio	Lower	Upper	
117	100		
82	54.1	43.4	65.0
119	32.5	25.7	38.5





#65

Chlorobenzene

Concen: 139.190 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

Instrument :

MSVOA_X

ClientSampleId :

LF015MW047-200616DL

Tot Ion:112 Resp: 1013482

Ion Ratio Lower Upper

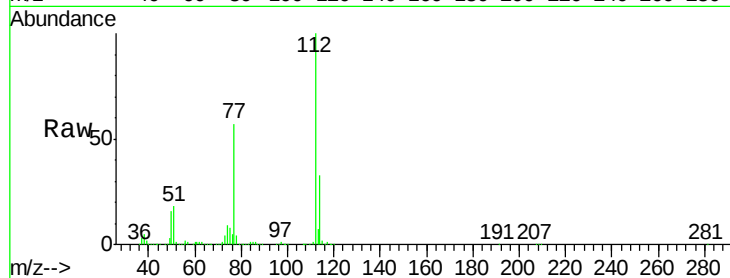
112 100

114 32.5 25.5 38.3

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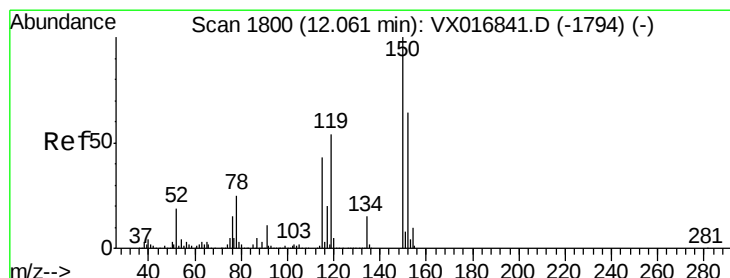
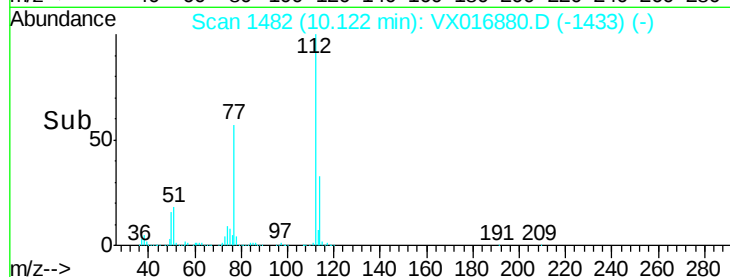
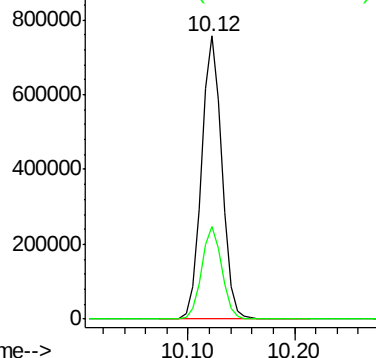
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016880.D

Acq: 19 Jun 2020 15:29

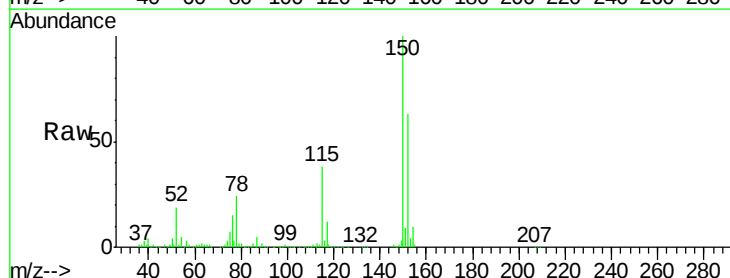
Tgt Ion:152 Resp: 221251

Ion Ratio Lower Upper

152 100

115 58.6 40.9 122.8

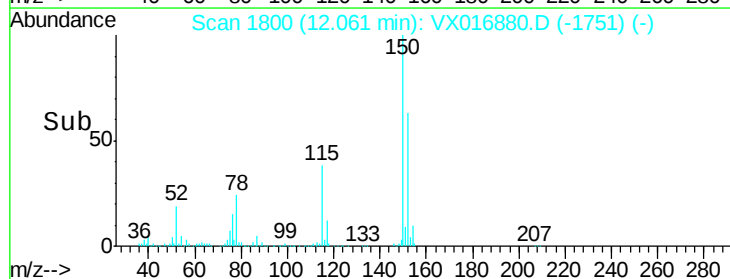
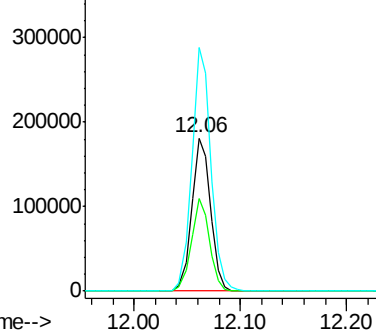
150 162.0 0.0 344.2

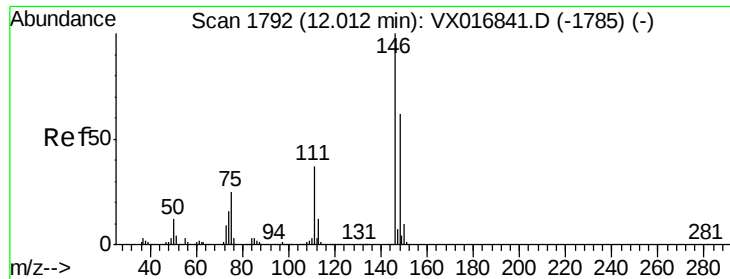


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





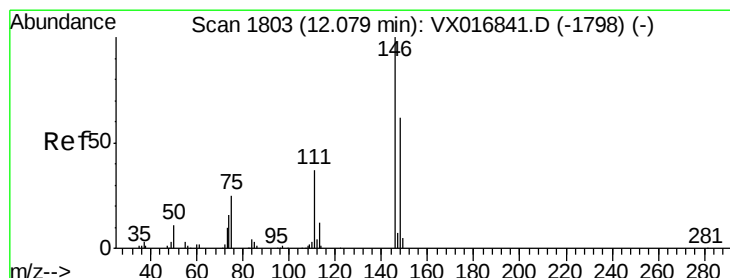
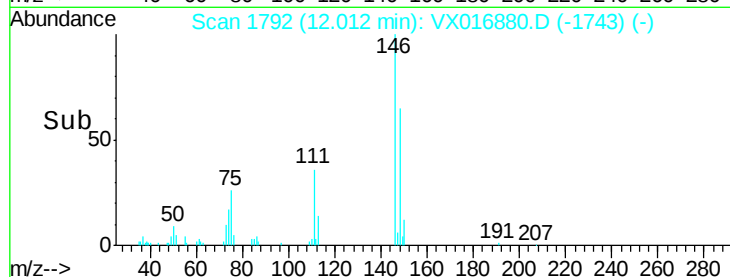
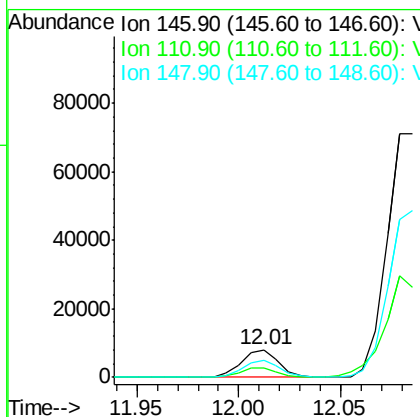
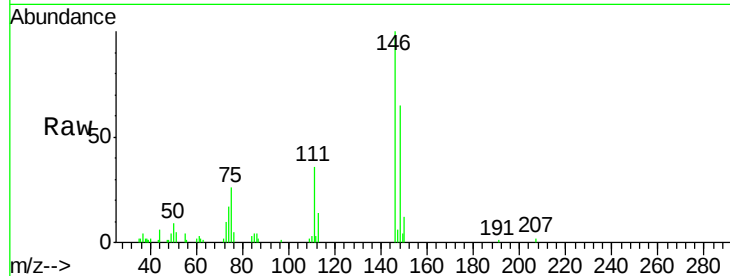
#87
 1,3-Dichlorobenzene
 Concen: 1.414 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016880.D
 Acq: 19 Jun 2020 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-200616DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	19.4	58.2
148	63.6	31.8	95.3

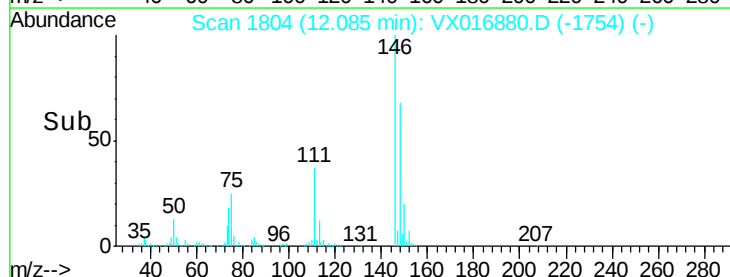
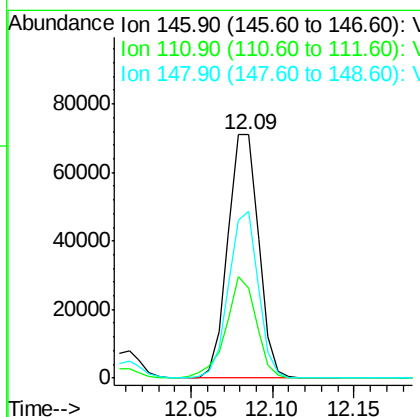
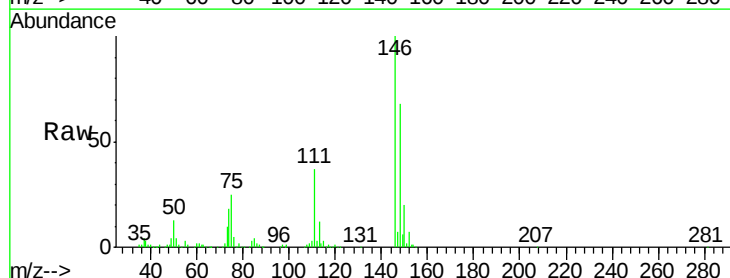
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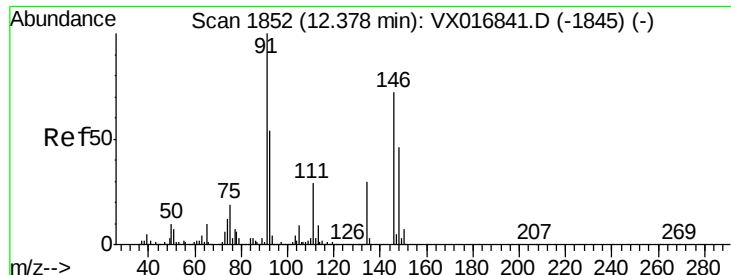
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#88
 1,4-Dichlorobenzene
 Concen: 13.022 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016880.D
 Acq: 19 Jun 2020 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.0	57.0
148	65.7	31.6	95.0





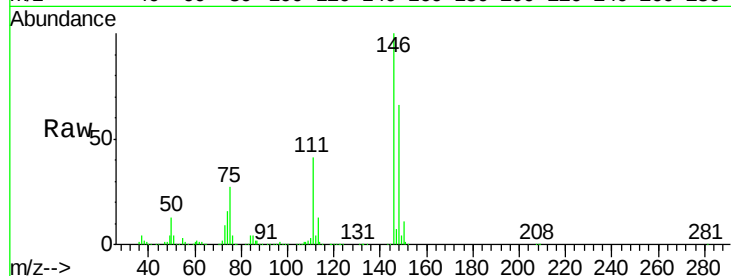
#91
 1,2-Dichlorobenzene
 Concen: 52.251 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016880.D
 Acq: 19 Jun 2020 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW047-200616DL

Tot Ion	Ratio	Resp	Lower	Upper
146	100	358031		
111	41.7	20.9	62.7	
148	63.6	32.9	98.6	

Manual Integrations
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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

