

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017426.D
 Acq On : 17 Jul 2020 17:42
 Operator : JC/SP
 Sample : L3334-02DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LGC-4DL

Manual Integrations
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 7/20/2020 11:50:20 AM

Quant Time: Jul 18 08:03:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	232958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	451877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	440109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	168781	57.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.46%	
35) Dibromofluoromethane	5.46	113	147138	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	8.70	98	524104	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.12	95	208755	47.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.72%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	70270	67.367	ug/l	99
17) Carbon Disulfide	2.55	76	539573	87.247	ug/l	98
20) Methylene Chloride	2.84	84	3134	1.231	ug/l	95
25) 2-Butanone	4.64	43	7484	4.517	ug/l #	82
30) Chloroform	5.18	83	13044	2.948	ug/l	89
40) Benzene	6.12	78	10127	0.848	ug/l	97
52) Toluene	8.77	92	1918m	0.250	ug/l	
68) m/p-Xylenes	10.34	106	1633	0.288	ug/l	80
95) Naphthalene	13.82	128	139548	10.092	ug/l	98

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

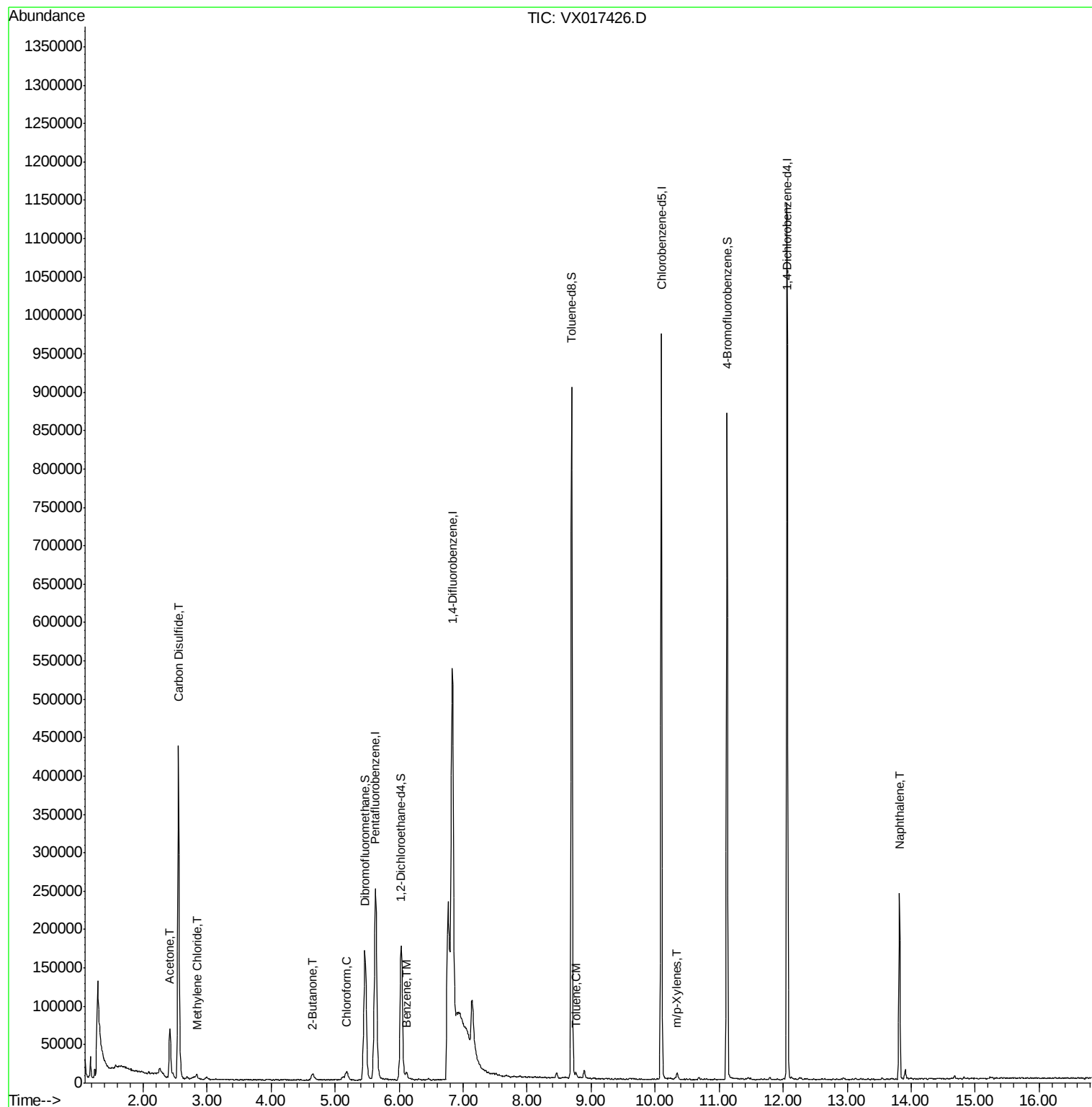
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071720\
Data File : VX017426.D
Acq On : 17 Jul 2020 17:42
Operator : JC/SP
Sample : L3334-02DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

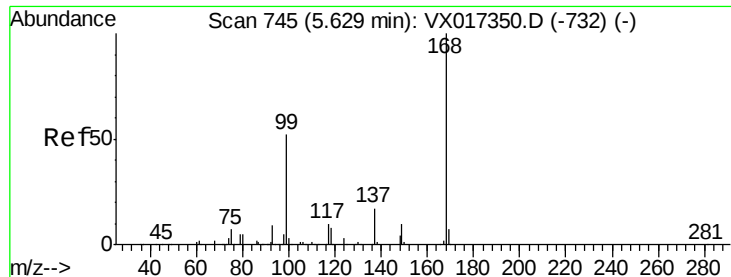
Instrument :
MSVOA_X
ClientSampleId :
I-LGC-4DL

Manual Integrations
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7/20/2020 11:50:20 AM

Quant Time: Jul 18 08:03:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

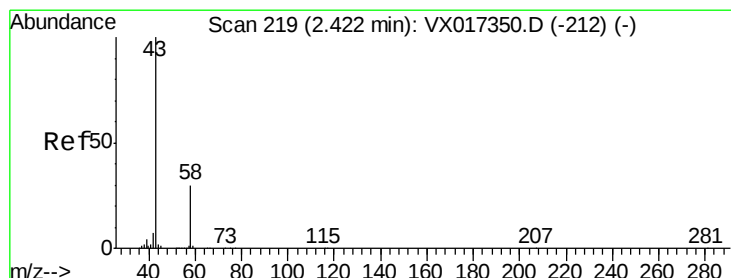
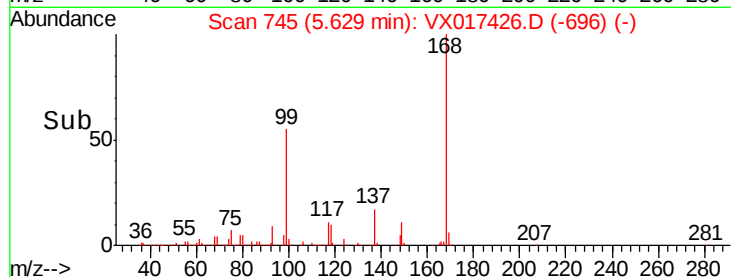
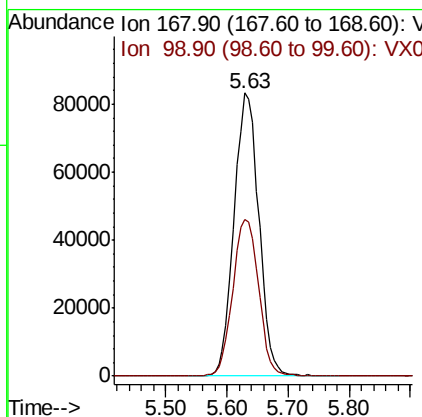
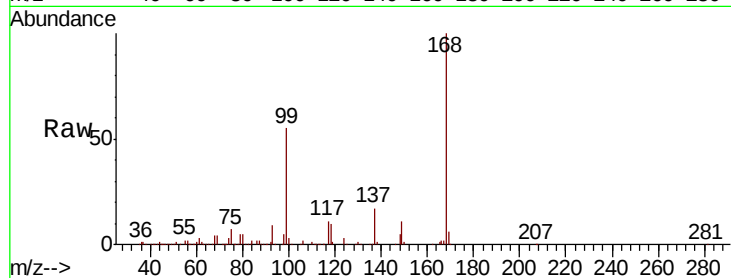
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX017426.D
 Acq: 17 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LGC-4DL

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.3	41.6	62.4

Manual Integrations
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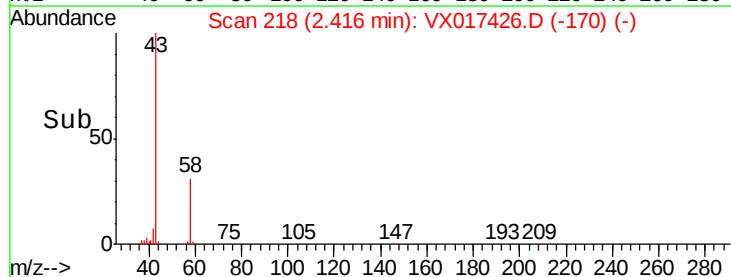
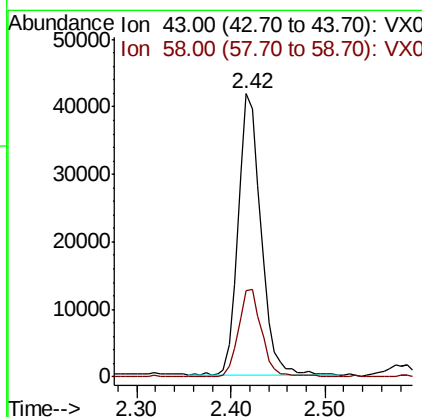
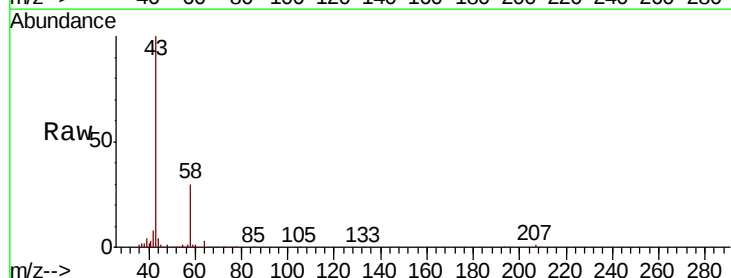
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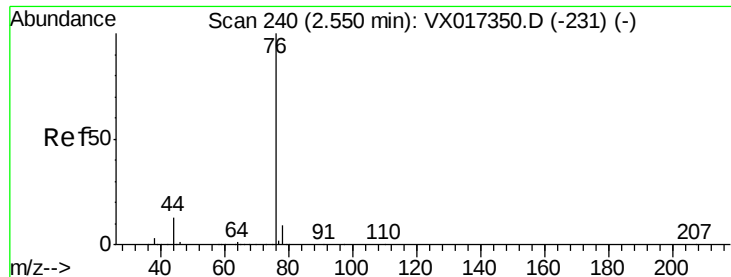


#16

Acetone
 Concen: 67.367 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017426.D
 Acq: 17 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.2	36.2





#17

Carbon Disulfide

Concen: 87.247 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017426.D

Acq: 17 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

I-LGC-4DL

Tot Ion: 76 Resp: 539573

Ion Ratio Lower Upper

76 100

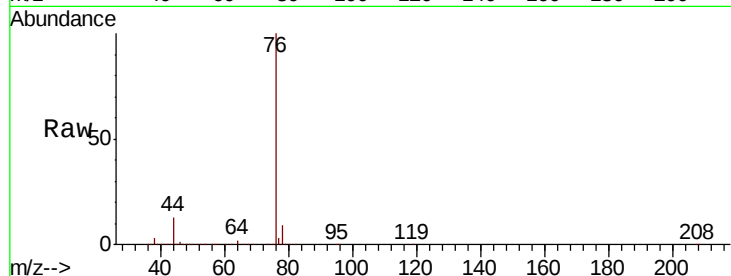
78 8.6 7.3 10.9

Manual Integrations

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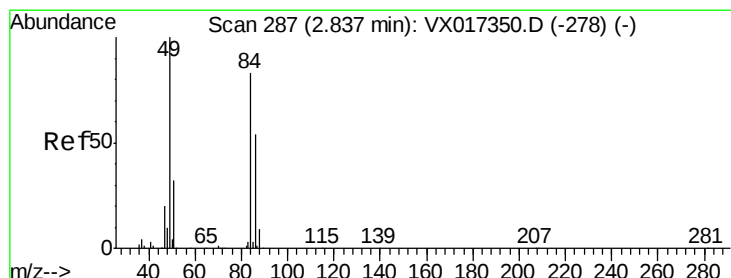
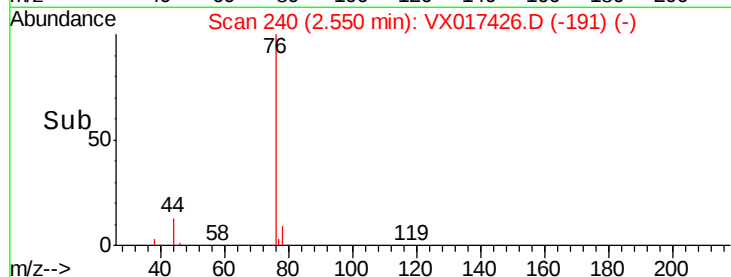
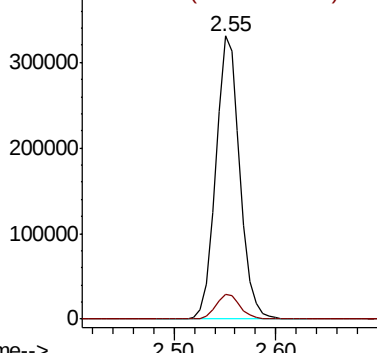
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#20

Methylene Chloride

Concen: 1.231 ug/l

RT: 2.84 min Scan# 287

Delta R.T. -0.00 min

Lab File: VX017426.D

Acq: 17 Jul 2020 17:42

Tgt Ion: 84 Resp: 3134

Ion Ratio Lower Upper

84 100

49 126.2 95.8 143.8

51 36.4 31.0 46.4

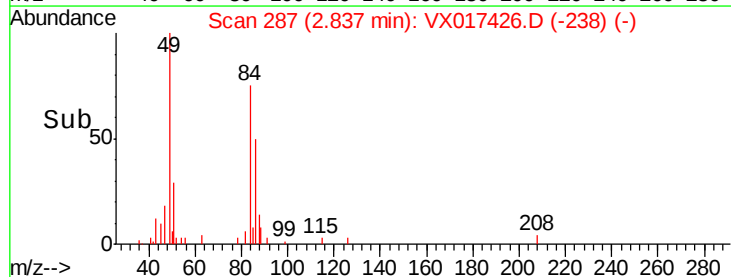
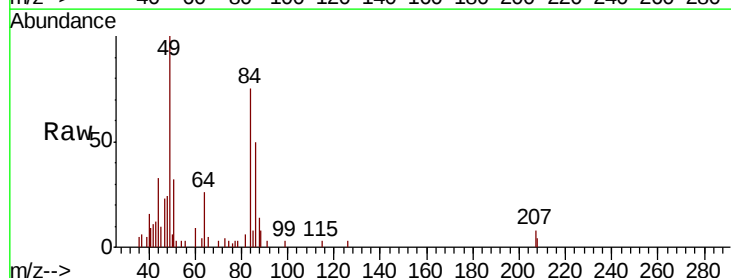
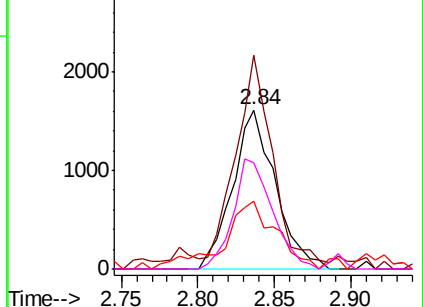
86 66.9 51.8 77.8

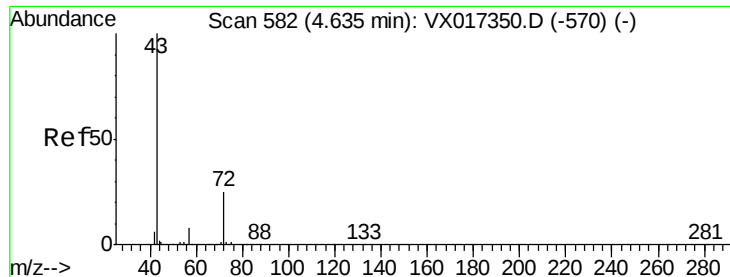
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#25

2-Butanone

Concen: 4.517 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017426.D

Acq: 17 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

I-LGC-4DL

Tot Ion: 43 Resp: 7484

Ion Ratio Lower Upper

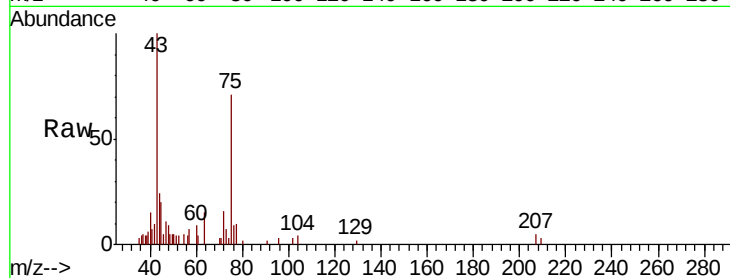
43 100

72 16.6 20.4 30.6#

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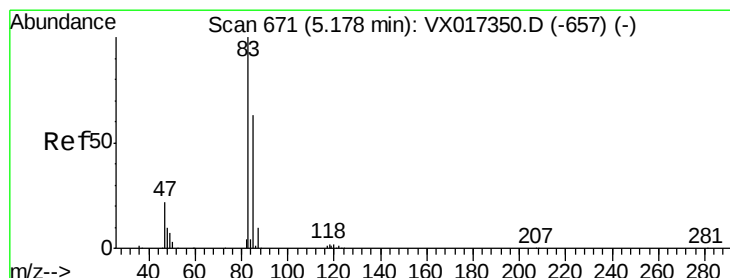
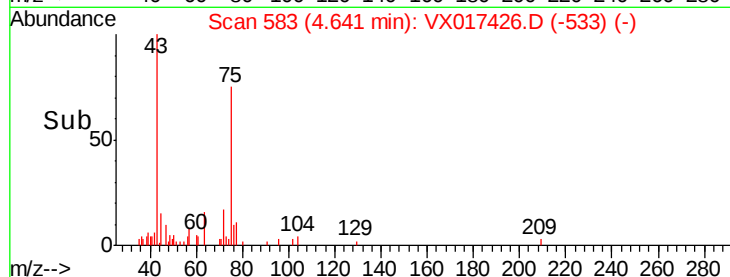
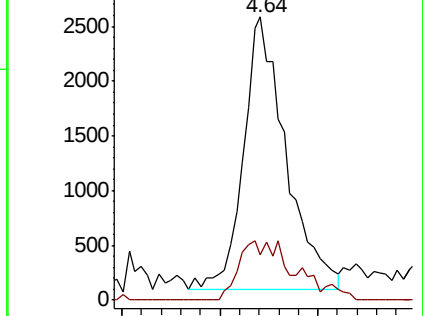
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#30

Chloroform

Concen: 2.948 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX017426.D

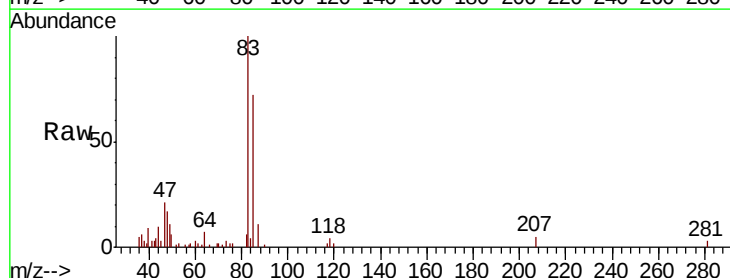
Acq: 17 Jul 2020 17:42

Tgt Ion: 83 Resp: 13044

Ion Ratio Lower Upper

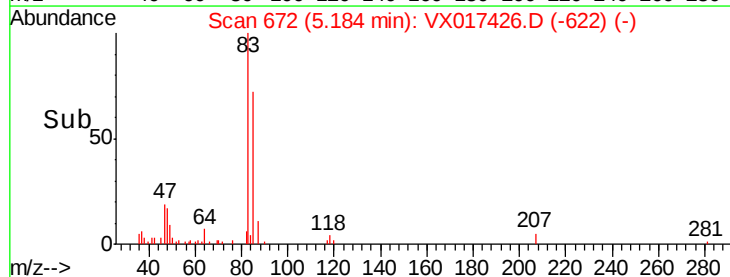
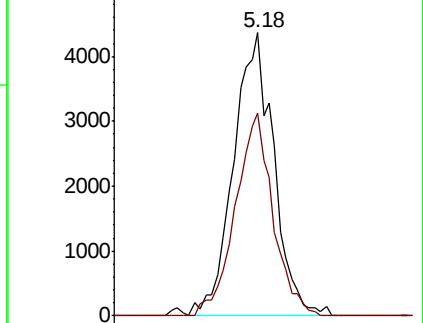
83 100

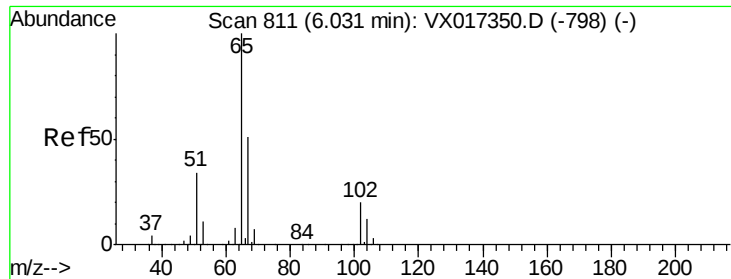
85 71.6 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





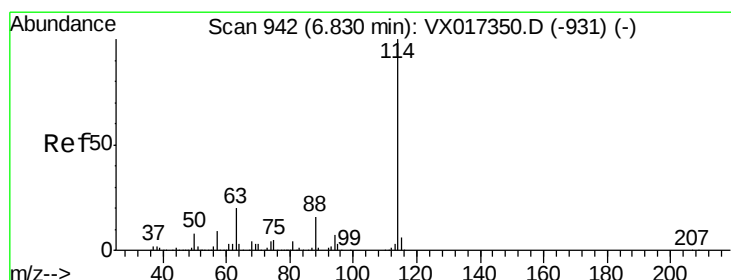
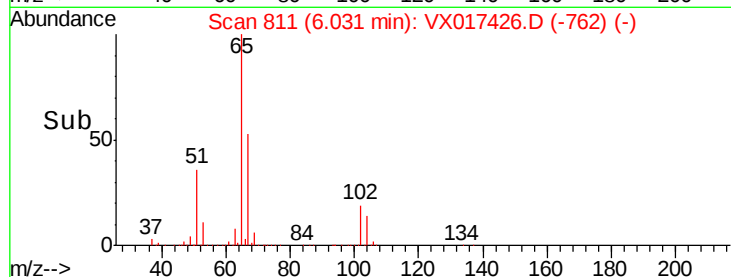
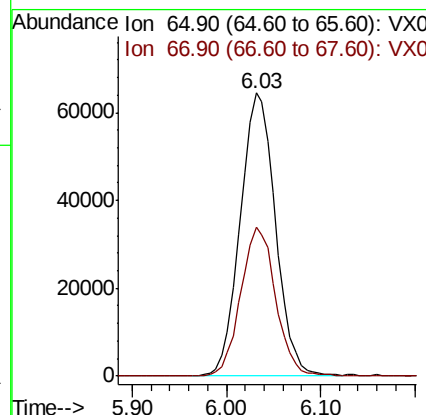
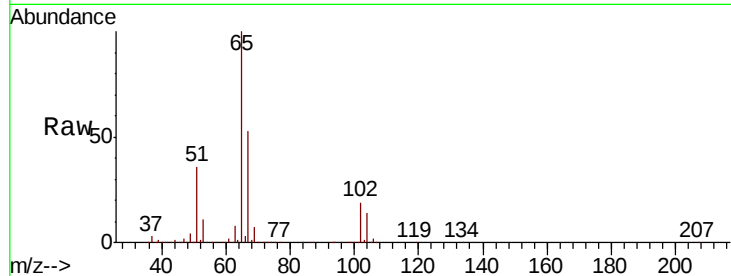
#33
 1,2-Dichloroethane-d4
 Concen: 57.726 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017426.D
 Acq: 17 Jul 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LGC-4DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168781		
67	52.1	0.0	101.6	

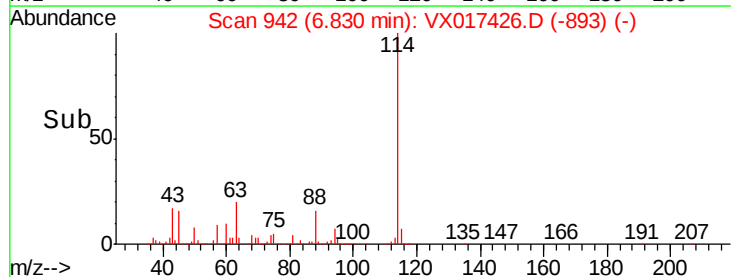
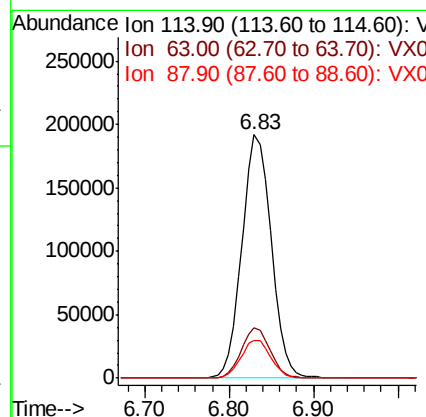
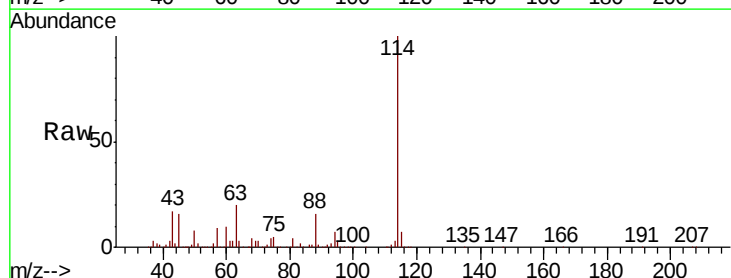
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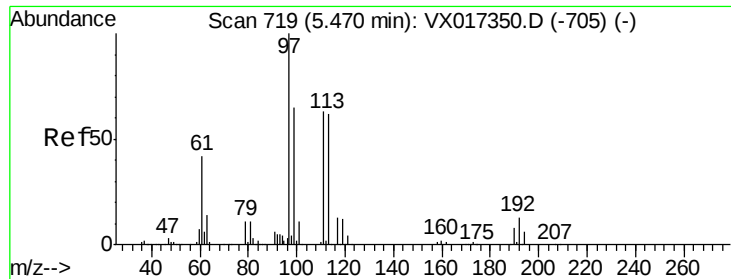
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017426.D
 Acq: 17 Jul 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451877		
63	20.4	0.0	40.0	
88	15.6	0.0	32.8	





#35

Dibromofluoromethane

Concen: 48.338 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017426.D

Acq: 17 Jul 2020 17:42

Instrument :

MSVOA_X

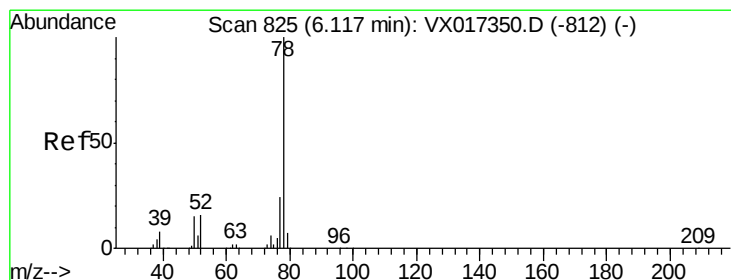
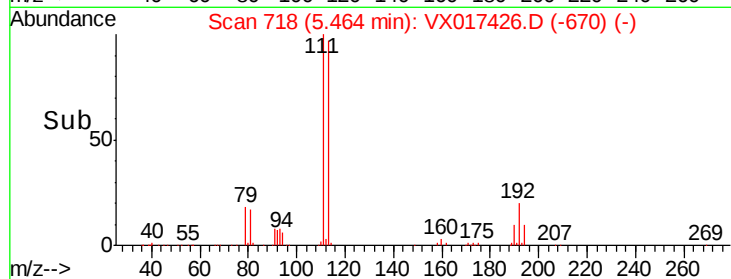
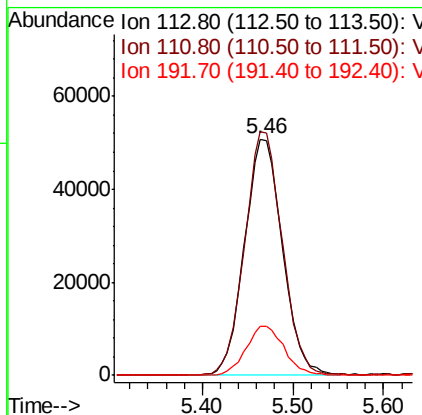
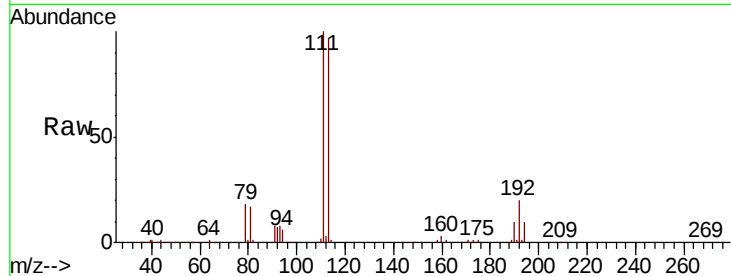
ClientSampleId :

I-LGC-4DL

Tot Ion:	113	Resp:	147138
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.4	123.6
192	20.7	17.2	25.8

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#40

Benzene

Concen: 0.848 ug/l

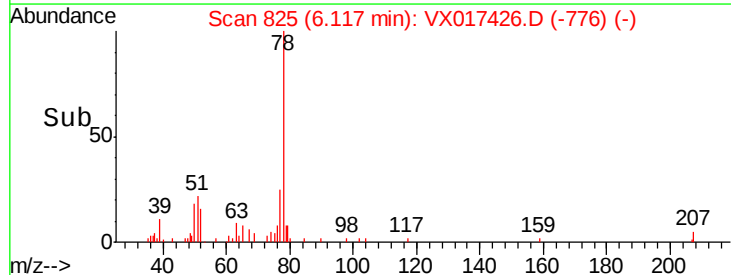
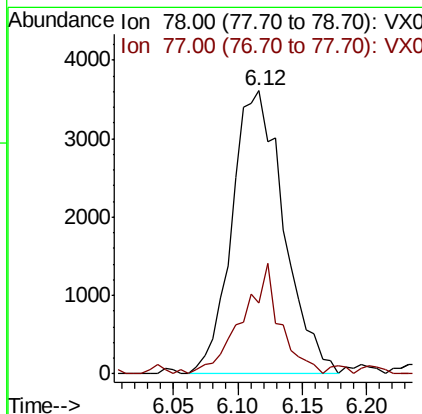
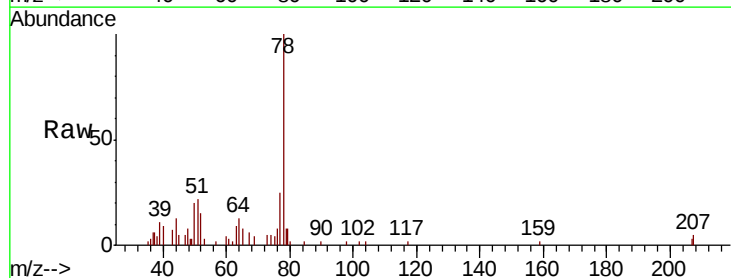
RT: 6.12 min Scan# 825

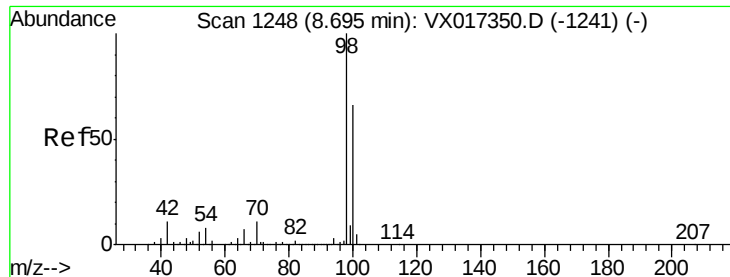
Delta R.T. -0.00 min

Lab File: VX017426.D

Acq: 17 Jul 2020 17:42

Tgt Ion:	78	Resp:	10127
Ion Ratio	Lower	Upper	
78	100		
77	25.1	18.9	28.3





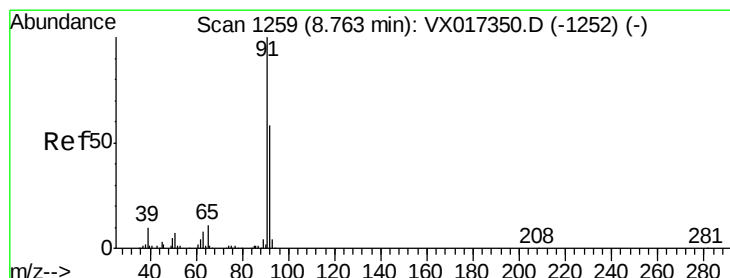
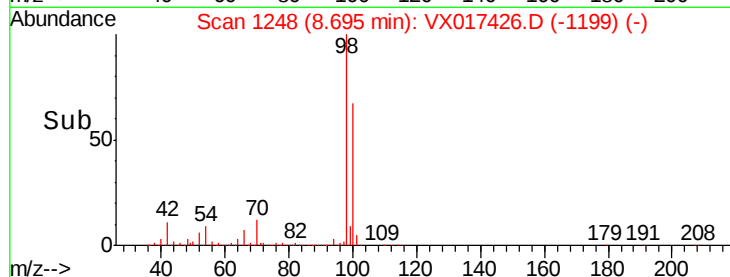
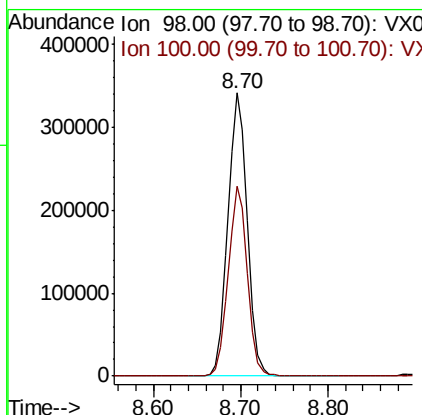
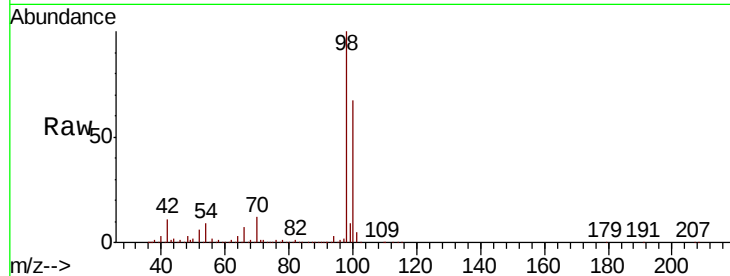
#50
Toluene-d8
Concen: 47.733 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017426.D
Acq: 17 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-4DL

Tot Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.4	80.2

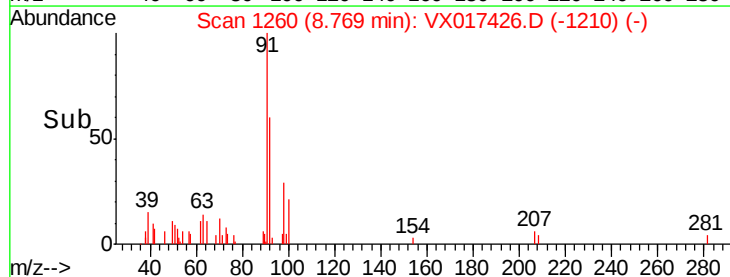
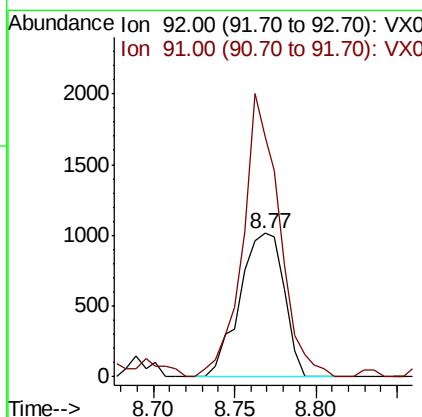
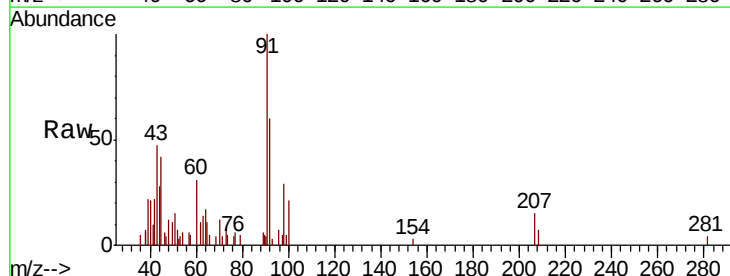
Manual Integrations
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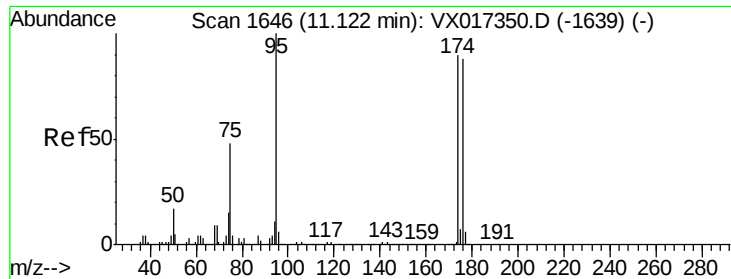
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#52
Toluene
Concen: 0.250 ug/l m
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017426.D
Acq: 17 Jul 2020 17:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	0.0	136.7	205.1#





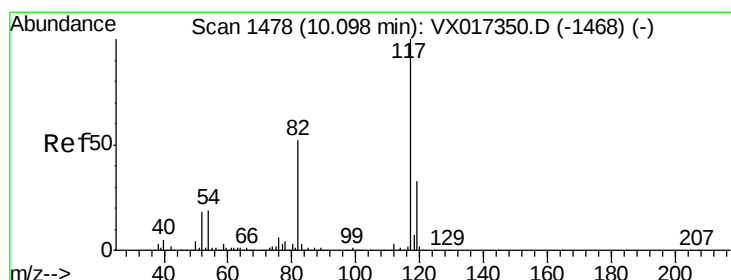
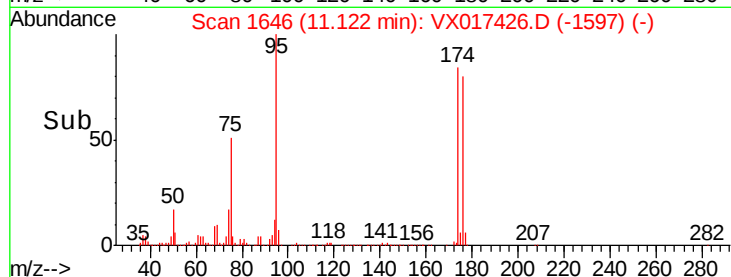
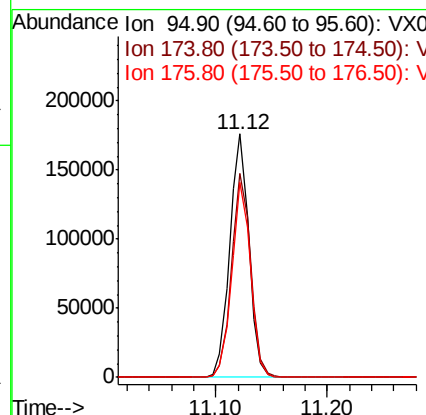
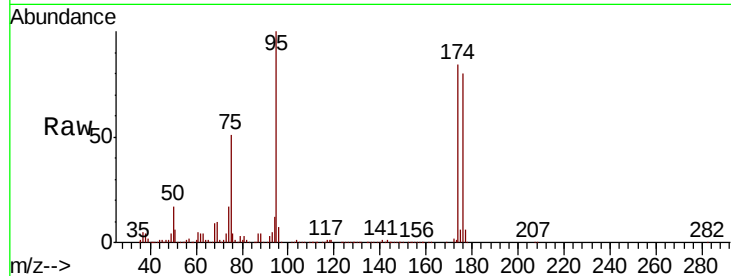
#62
4-Bromofluorobenzene
Concen: 47.864 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017426.D
Acq: 17 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
I-LGC-4DL

Tot Ion	Ratio	Resp	Lower	Upper
95	100	208755		
174	84.3	0.0	175.8	
176	78.5	0.0	164.6	

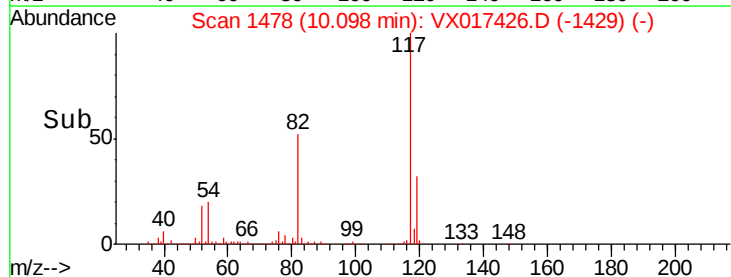
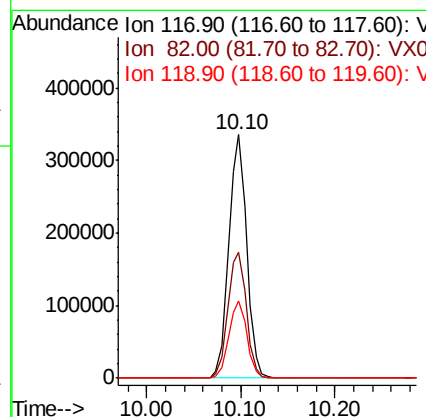
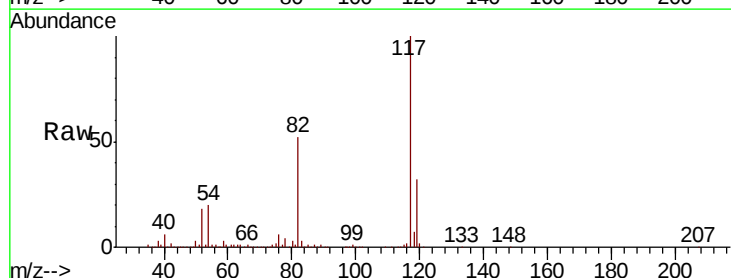
Manual Integrations
APPROVED

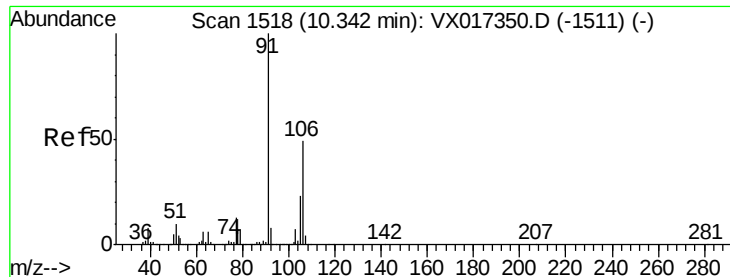
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017426.D
Acq: 17 Jul 2020 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	440109		
82	51.6	42.0	63.0	
119	31.9	26.3	39.5	





#68

m/p-Xvlenes

Concen: 0.288 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017426.D

Acq: 17 Jul 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

I-LGC-4DL

Tot Ion:106 Resp: 1633

Ion Ratio Lower Upper

106 100

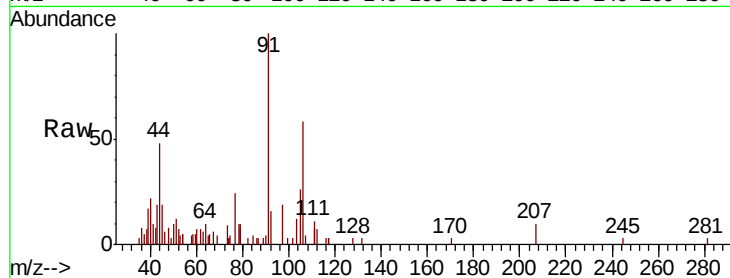
91 172.3 162.5 243.7

Manual Integrations

APPROVED

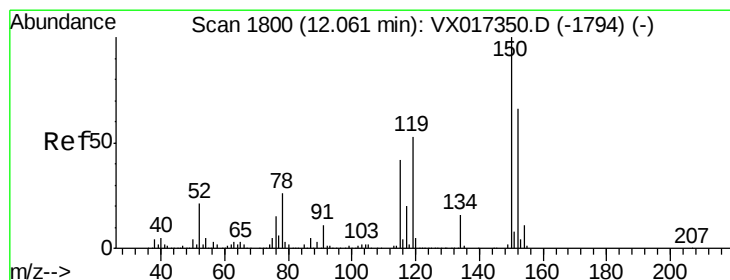
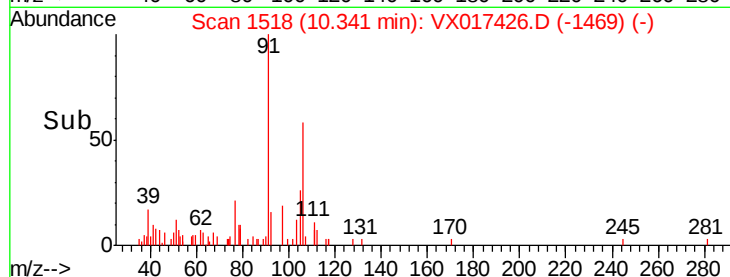
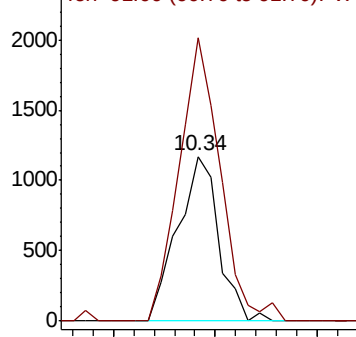
MMDadoda

7/20/2020 11:50:20 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017426.D

Acq: 17 Jul 2020 17:42

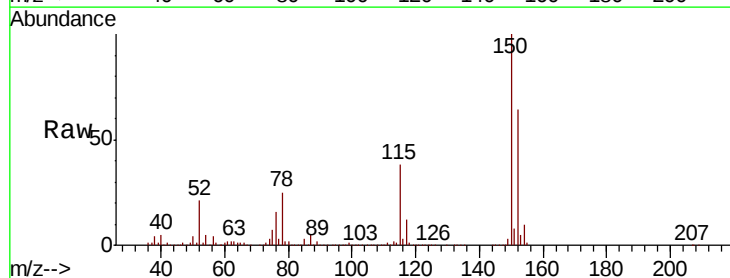
Tgt Ion:152 Resp: 225726

Ion Ratio Lower Upper

152 100

115 58.8 39.9 119.7

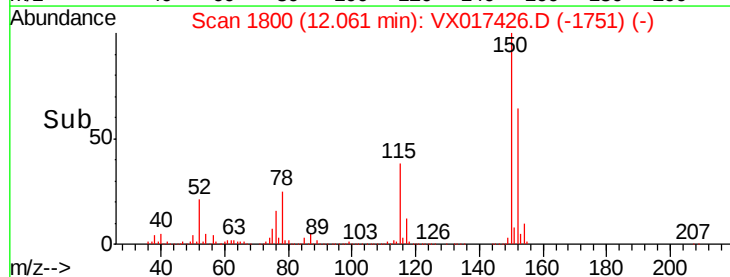
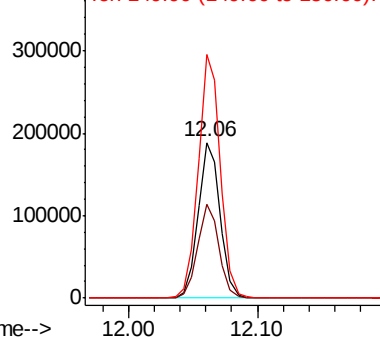
150 157.4 0.0 343.4

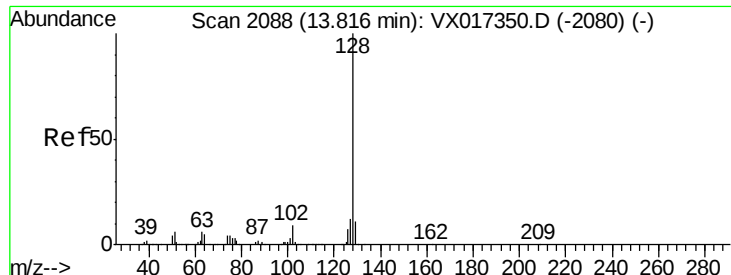


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 10.092 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017426.D
Acq: 17 Jul 2020 17:42

Instrument :
MSVOA_X
ClientSampled :
I-LGC-4DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/20/2020 11:50:20 AM

