

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017751.D
 Acq On : 03 Aug 2020 17:40
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 9:51:34 AM

Quant Time: Aug 04 07:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	595981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	858917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	787876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	393564	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	364523	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
35) Dibromofluoromethane	5.47	113	289258	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	
50) Toluene-d8	8.70	98	1036839	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.12	95	373335	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	3695	1.097	ug/l	94
17) Carbon Disulfide	2.56	76	7254	0.388	ug/l #	87
21) trans-1,2-Dichloroethene	3.14	96	2082	0.316	ug/l #	57
27) cis-1,2-Dichloroethene	4.57	96	2032	0.284	ug/l	57
44) Trichloroethene	7.18	130	3770	0.546	ug/l	47
64) Tetrachloroethene	9.32	164	1677	0.237	ug/l #	75
87) 1,3-Dichlorobenzene	12.01	146	3200	0.247	ug/l	71
88) 1,4-Dichlorobenzene	12.08	146	3479m	0.259	ug/l	
89) n-Butylbenzene	12.37	91	5845	0.268	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	3837	0.441	ug/l	90
94) Hexachlorobutadiene	13.76	225	2993	0.747	ug/l	99
95) Naphthalene	13.82	128	8401	0.323	ug/l #	87
96) 1,2,3-Trichlorobenzene	14.01	180	3921	0.456	ug/l	93

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

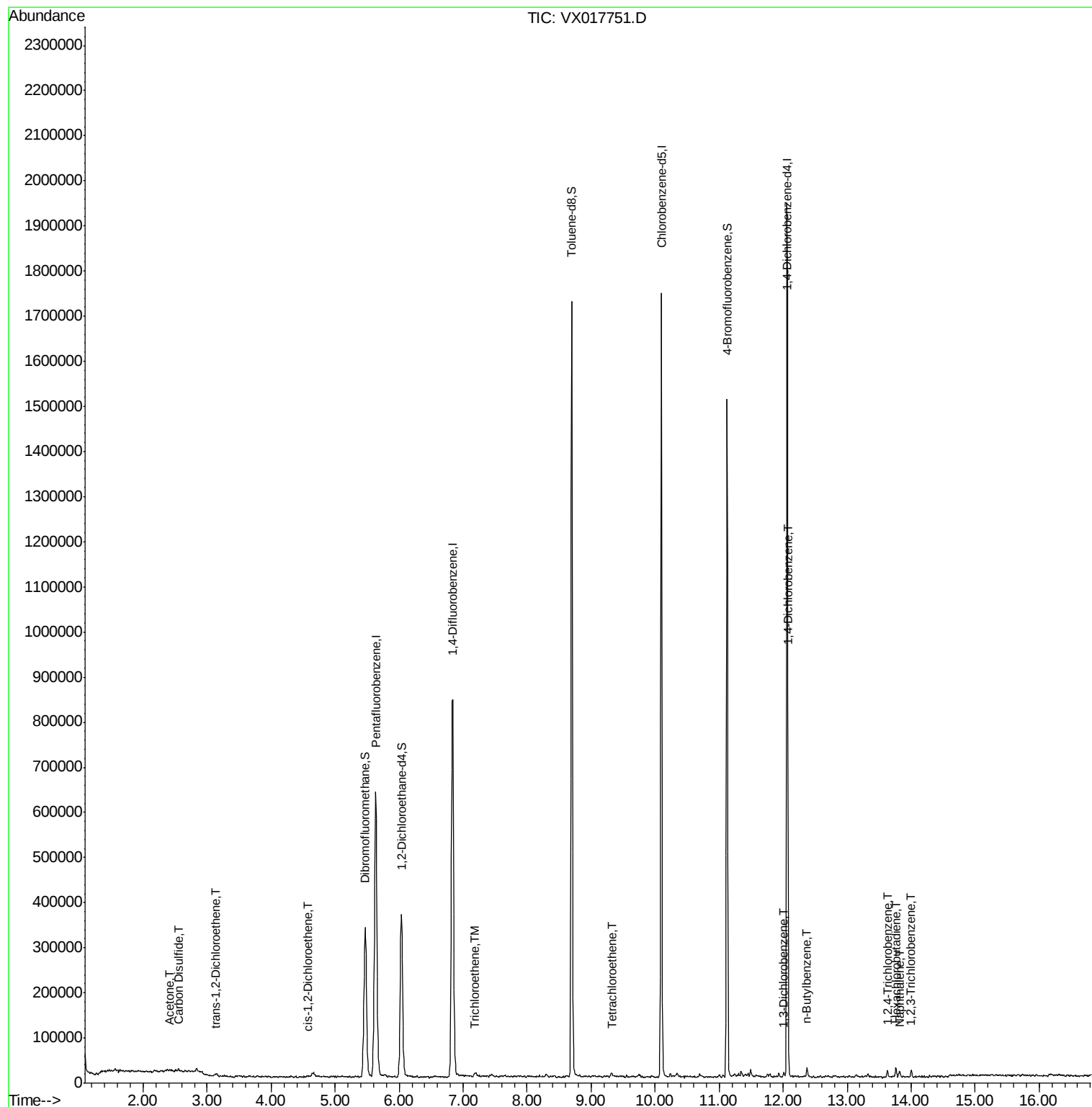
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080320\
Data File : VX017751.D
Acq On : 03 Aug 2020 17:40
Operator : JC/SP
Sample : IBLK
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

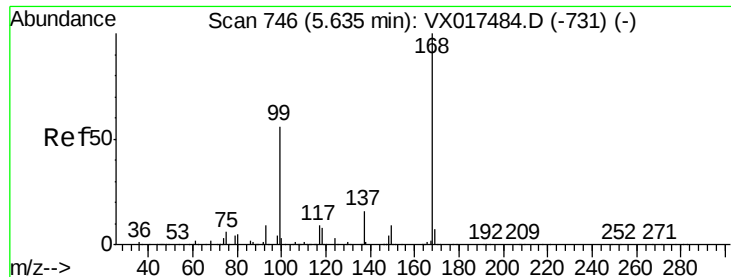
Instrument :
MSVOA_X
ClientSampled :
IBLK

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8/4/2020 9:51:34 AM

Quant Time: Aug 04 07:38:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampled :

IBLK

Tot Ion:168 Resp: 595981

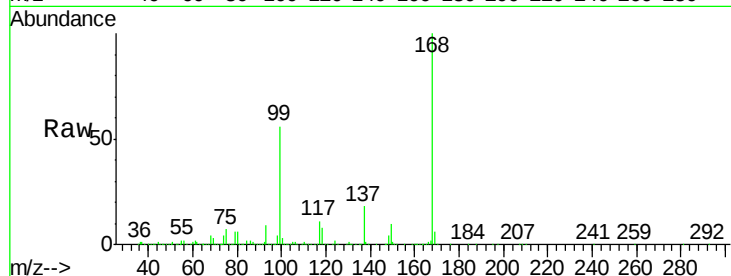
Ion Ratio Lower Upper

168 100

99 55.7 43.4 65.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

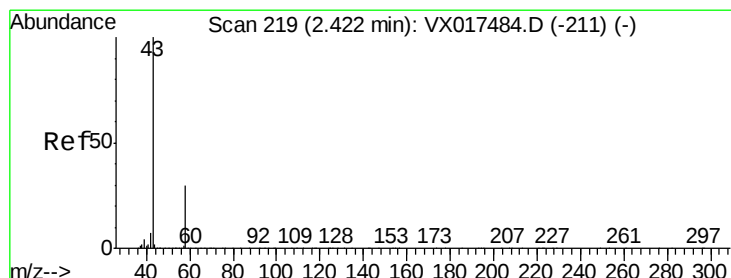
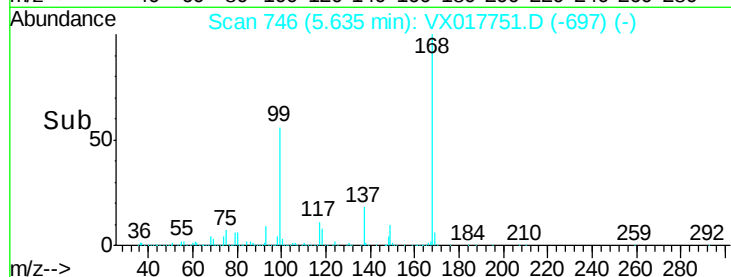
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.097 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017751.D

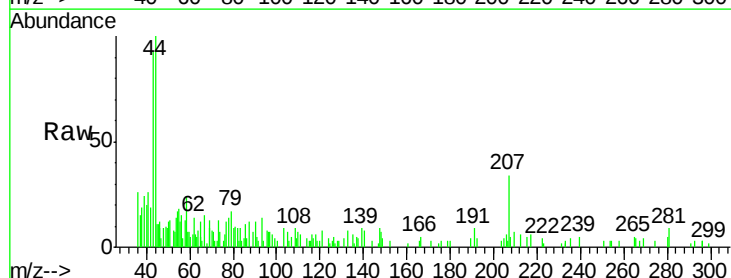
Acq: 03 Aug 2020 17:40

Tgt Ion: 43 Resp: 3695

Ion Ratio Lower Upper

43 100

58 33.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

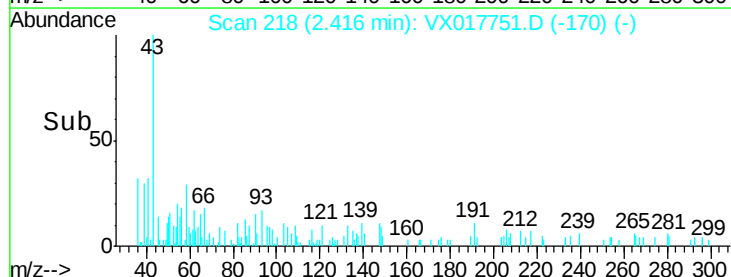
1500

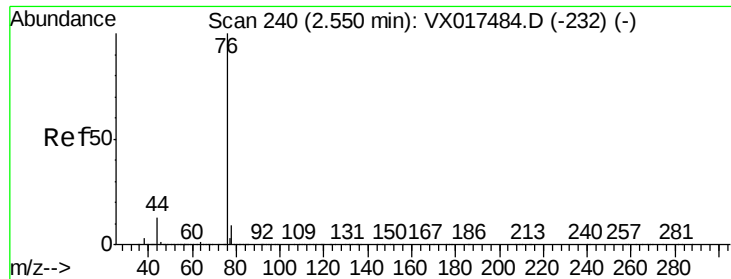
1000

500

0

Time-->





#17

Carbon Disulfide

Concen: 0.388 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tot Ion: 76 Resp: 7254

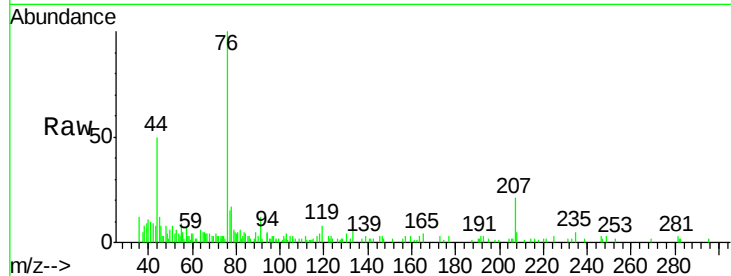
Ion Ratio Lower Upper

76 100

78 4.5 7.5 11.3#

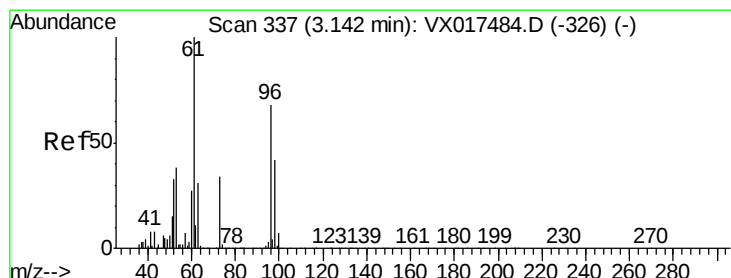
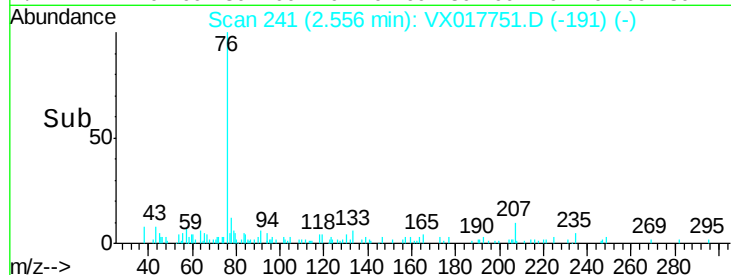
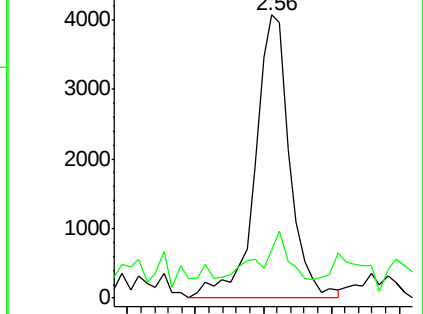
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.316 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

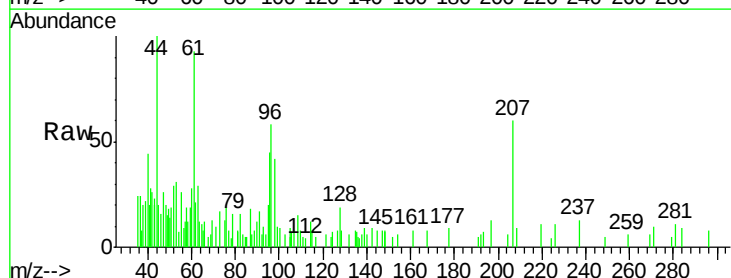
Tgt Ion: 96 Resp: 2082

Ion Ratio Lower Upper

96 100

61 79.5 113.0 169.4#

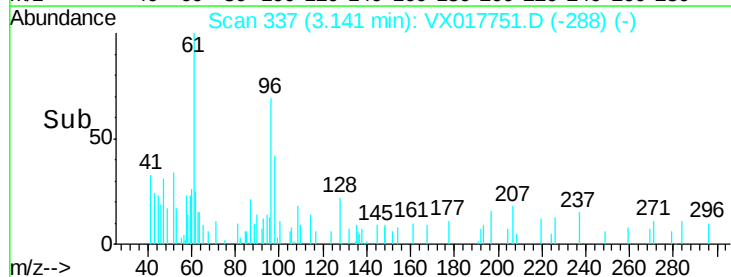
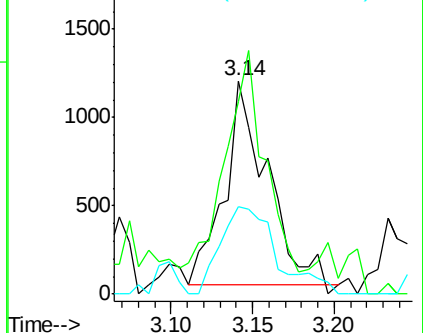
98 43.0 51.8 77.8#

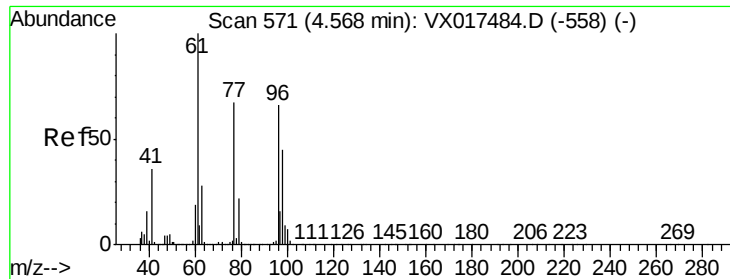


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#27

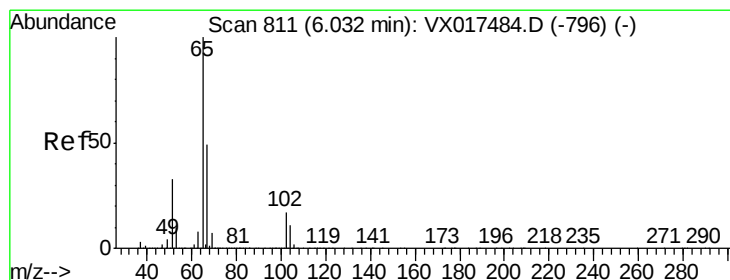
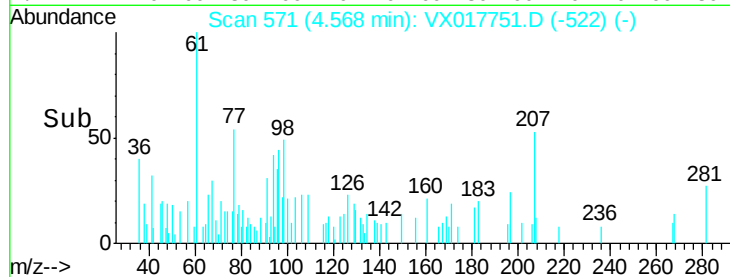
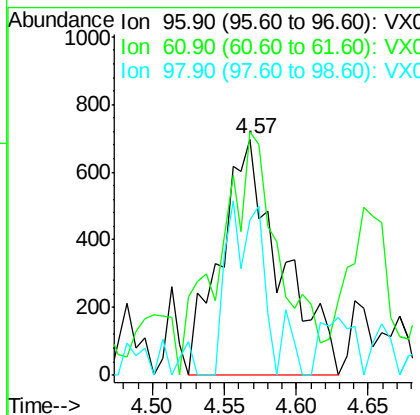
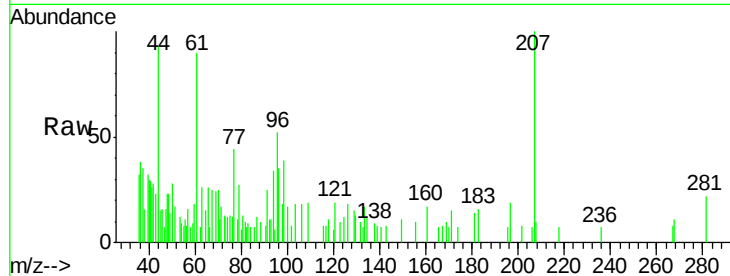
cis-1,2-Dichloroethene
Concen: 0.284 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tot Ion	Ratio	Lower	Upper
96	100		
61	102.0	0.0	301.2
98	21.3	0.0	130.0

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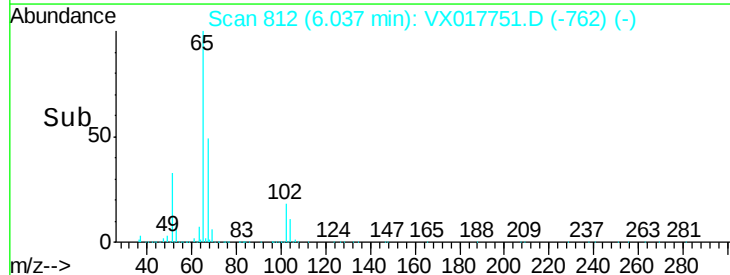
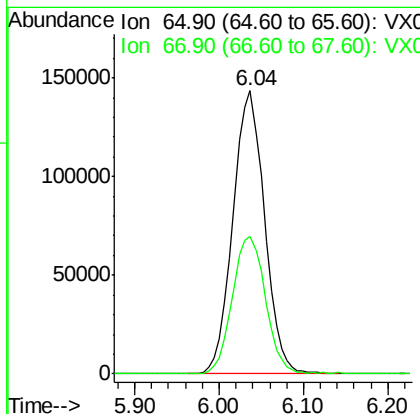
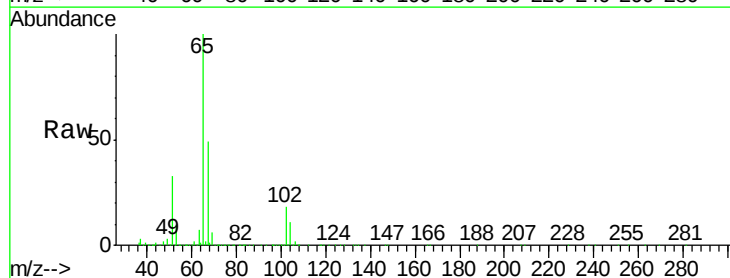
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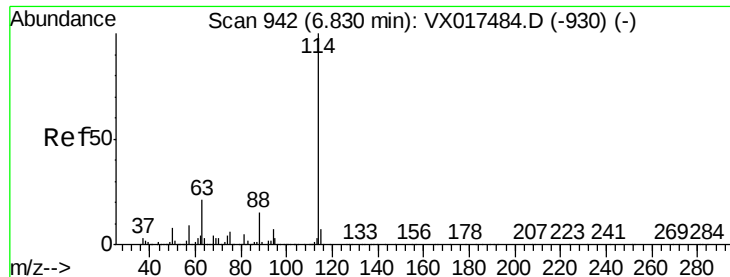


#33

1,2-Dichloroethane-d4
Concen: 47.615 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

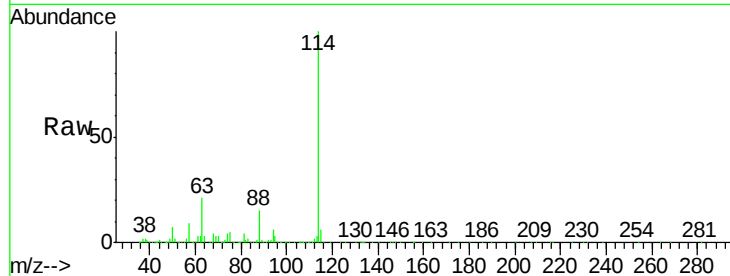
ClientSampled :

IBLK

Tot Ion:	114	Resp:	858917
Ion Ratio		Lower	Upper
114	100		
63	21.0	0.0	40.6
88	14.9	0.0	33.4

Manual Integrations
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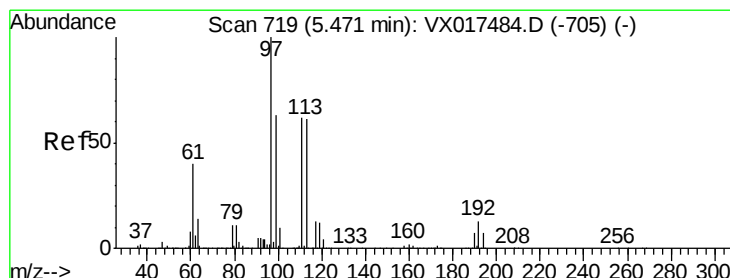
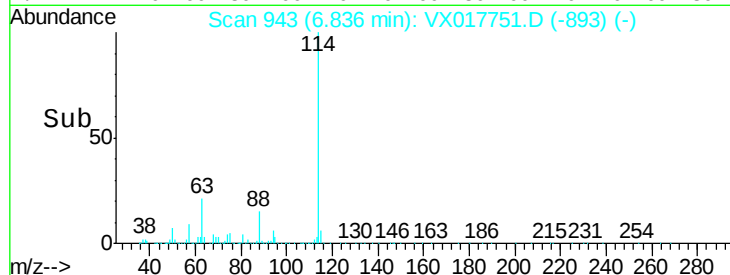
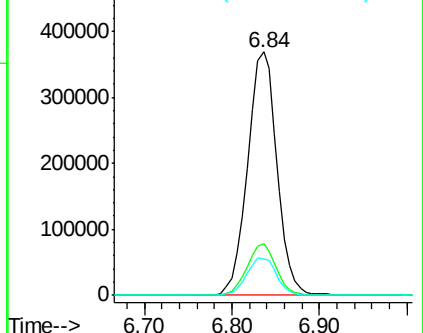
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.354 ug/l

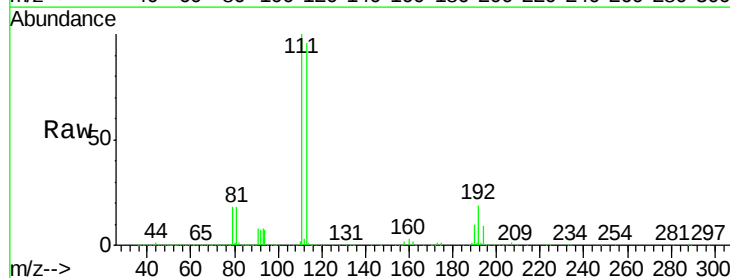
RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

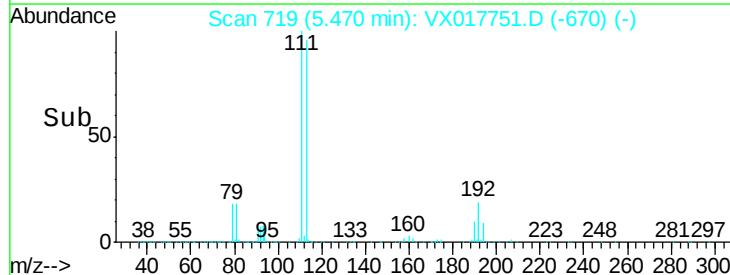
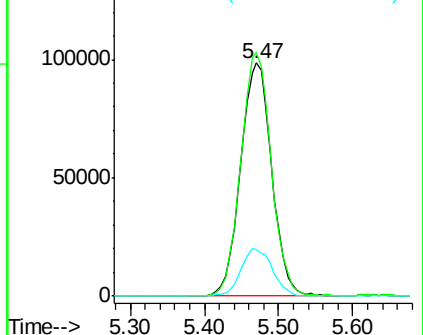
Tgt Ion:	113	Resp:	289258
Ion Ratio		Lower	Upper
113	100		
111	102.2	80.7	121.1
192	20.7	16.9	25.3

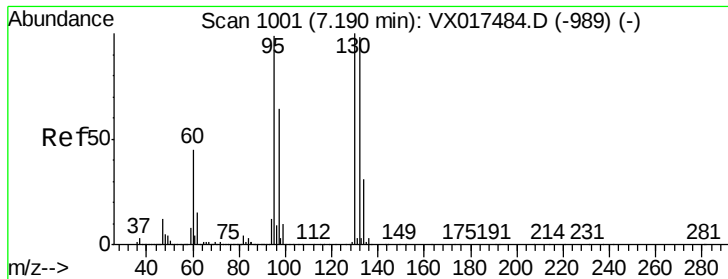


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.546 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tot Ion:130 Resp: 3770

Ion Ratio Lower Upper

130 100

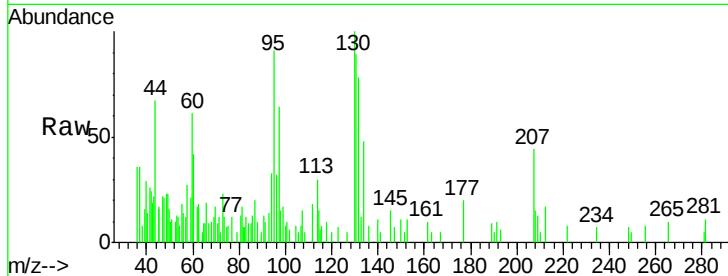
95 43.6 0.0 189.0

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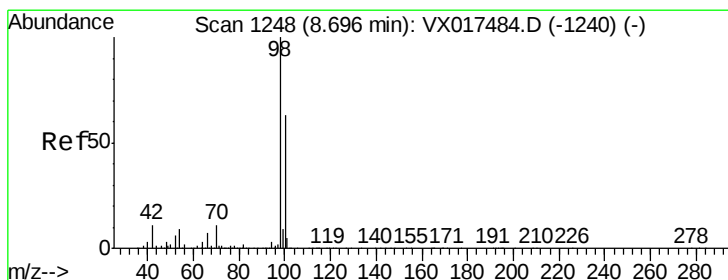
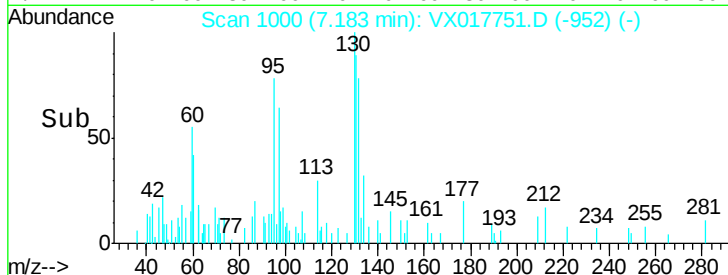
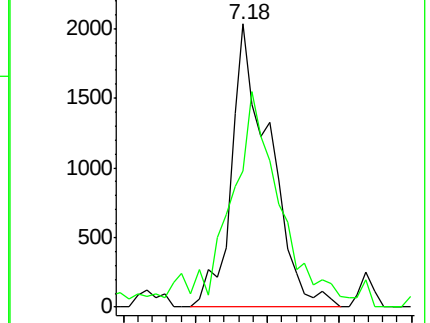
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.033 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017751.D

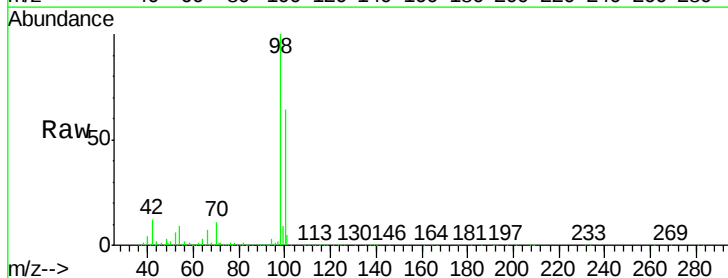
Acq: 03 Aug 2020 17:40

Tgt Ion: 98 Resp: 1036839

Ion Ratio Lower Upper

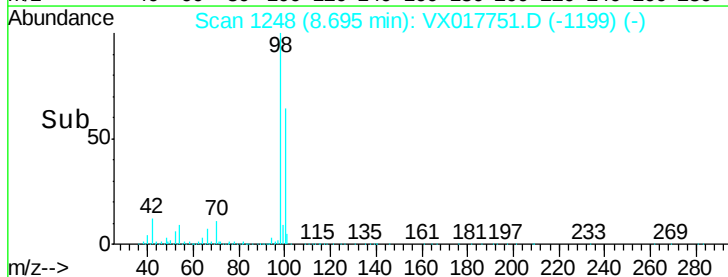
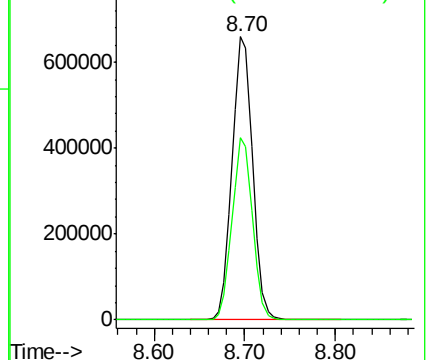
98 100

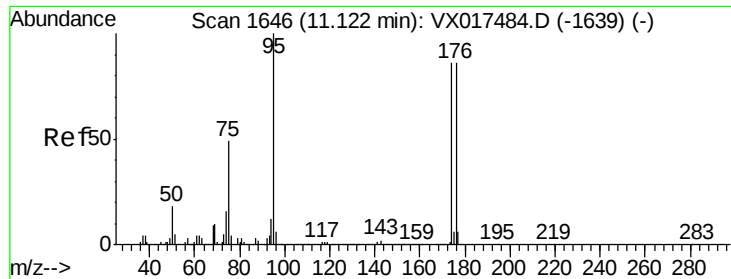
100 63.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





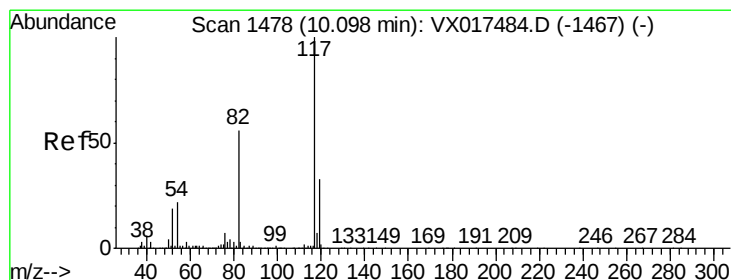
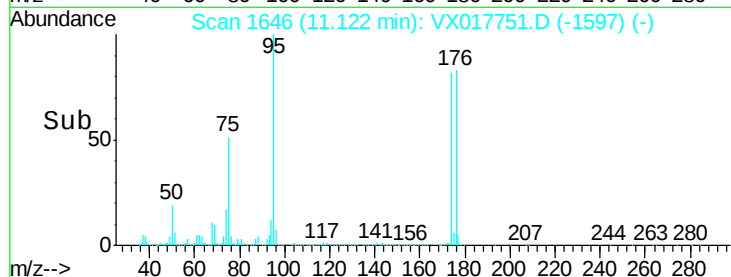
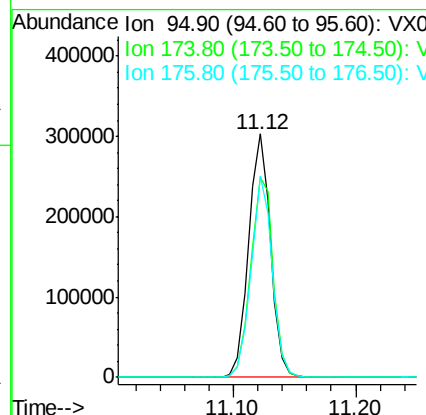
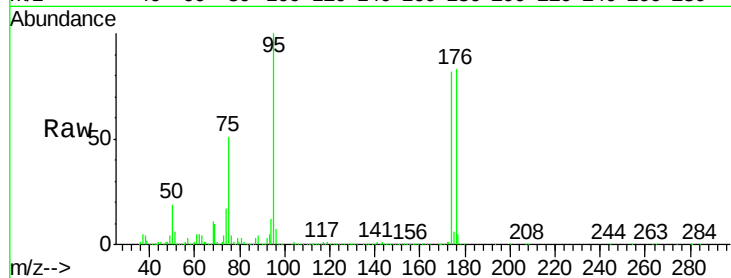
#62
4-Bromofluorobenzene
Concen: 45.016 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion	Ratio	Resp	Lower	Upper
95	100	373335		
174	85.4	0.0	169.0	
176	80.5	0.0	161.0	

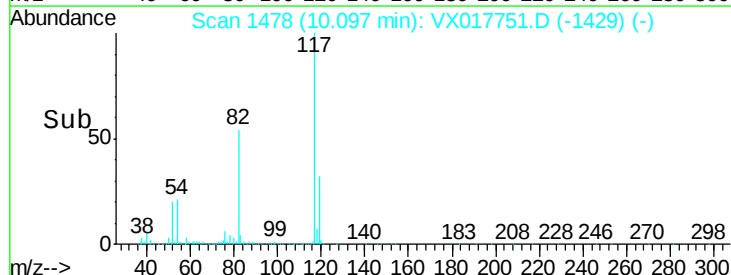
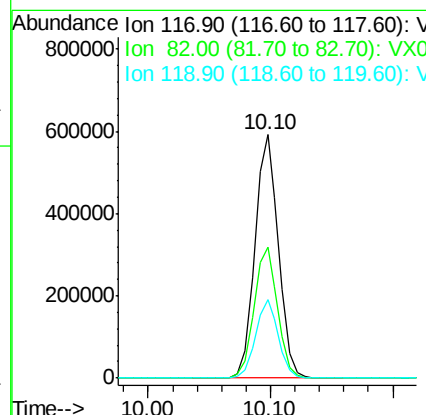
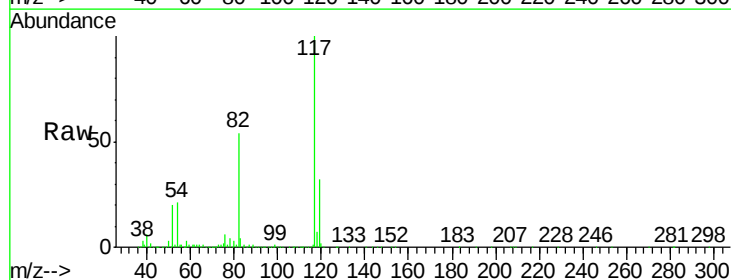
Manual Integrations
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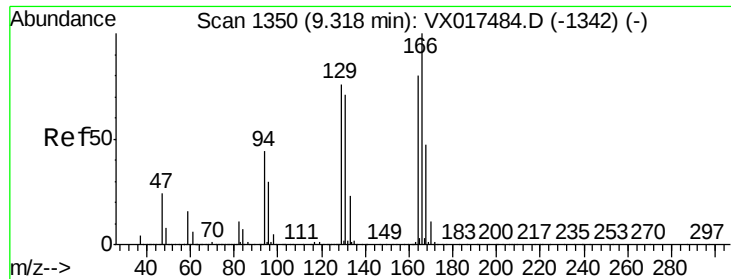
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	787876		
82	53.7	44.0	66.0	
119	32.1	25.4	38.0	





#64

Tetrachloroethene

Concen: 0.237 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

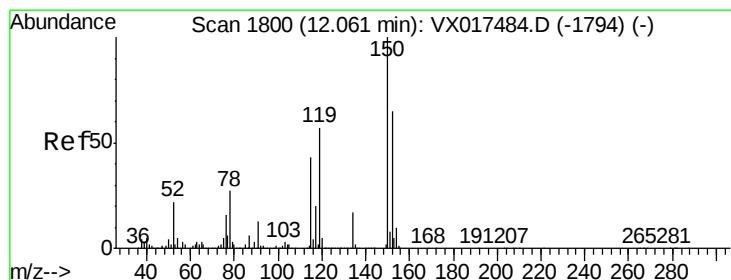
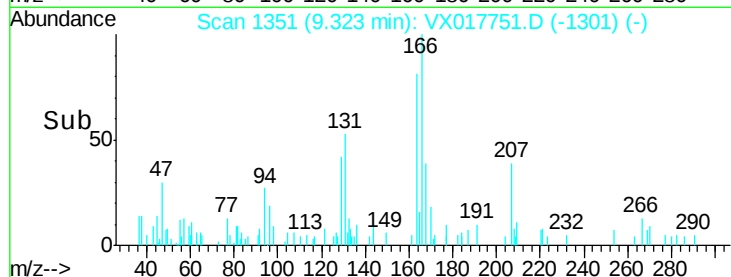
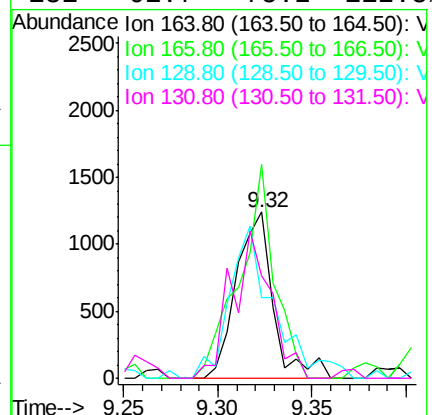
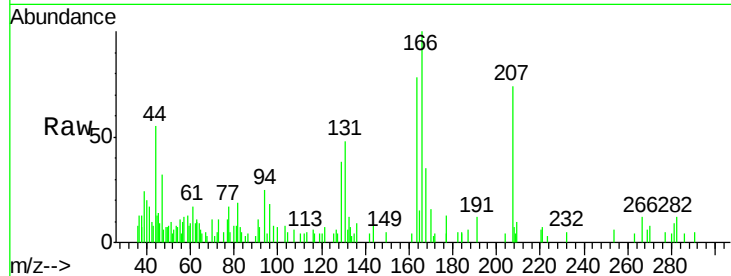
ClientSampled :

IBLK

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.5	100.6	150.8
129	48.8	75.0	112.6
131	61.7	75.2	112.8

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

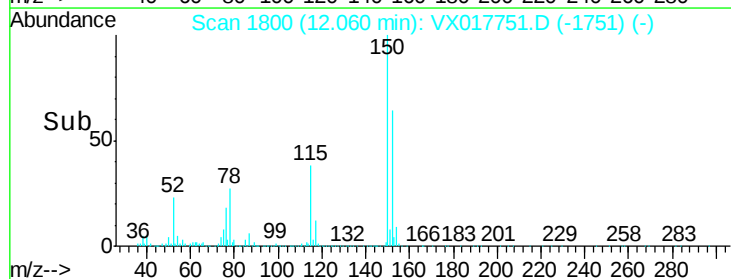
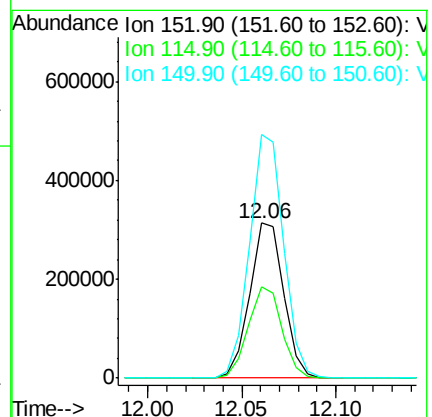
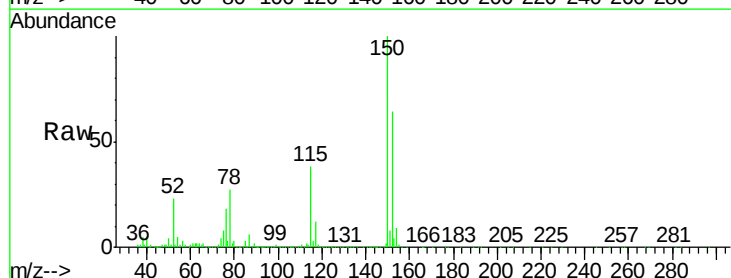
RT: 12.06 min Scan# 1800

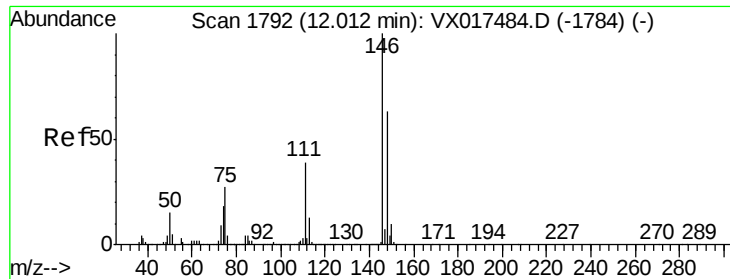
Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	65.5	196.6
150	156.9	0.0	412.6





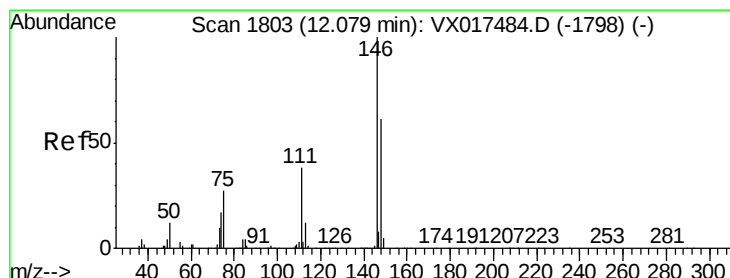
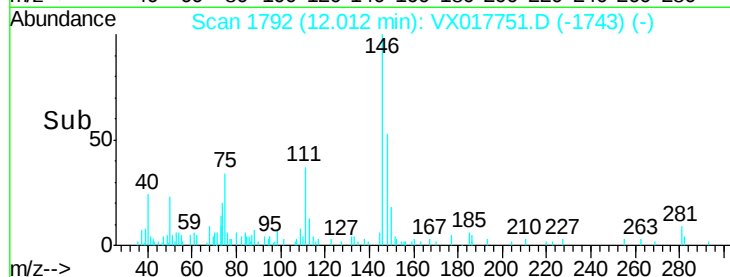
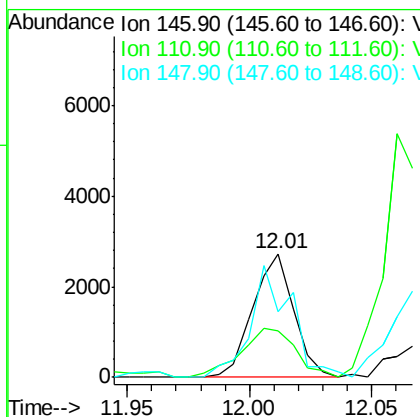
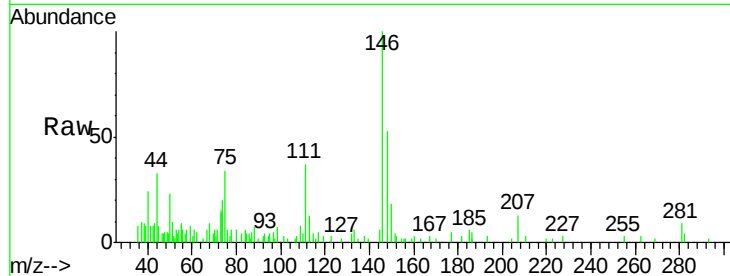
#87
 1,3-Dichlorobenzene
 Concen: 0.247 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017751.D
 Acq: 03 Aug 2020 17:40

Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

Tot Ion	Ratio	Lower	Upper
146	100		
111	52.8	19.9	59.7
148	90.3	31.6	95.0

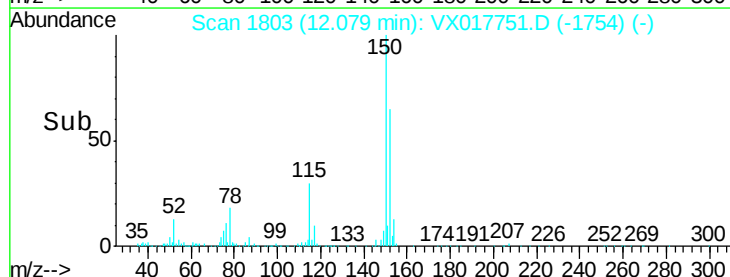
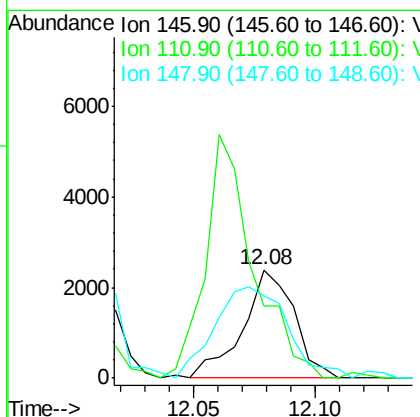
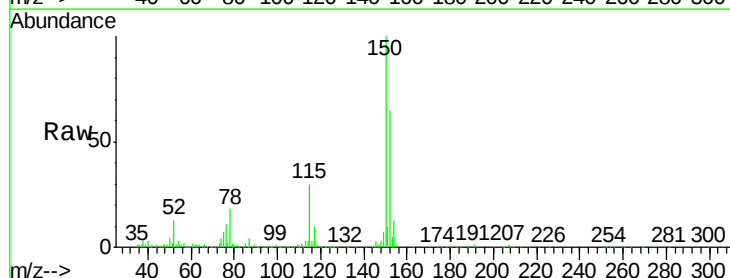
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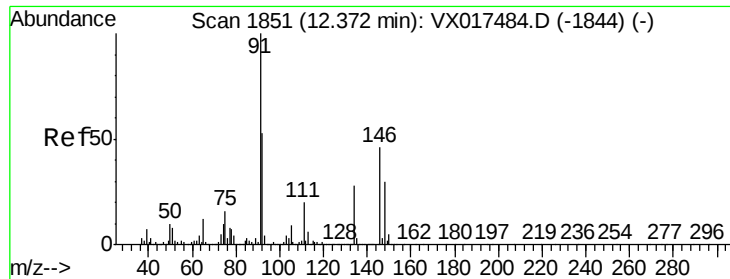
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#88
 1,4-Dichlorobenzene
 Concen: 0.259 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017751.D
 Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.6	19.3	57.8
148	83.0	32.2	96.6





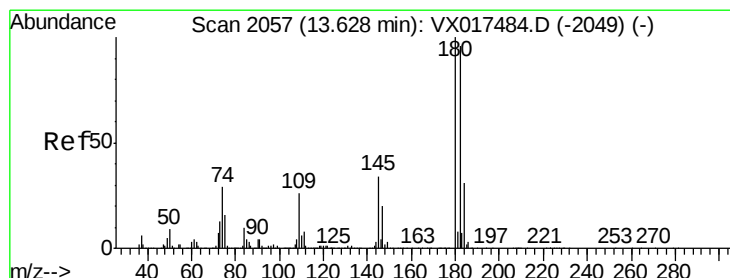
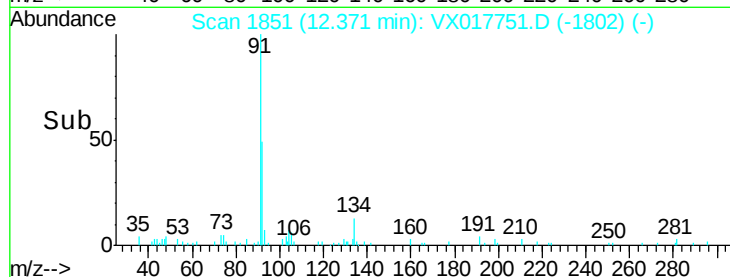
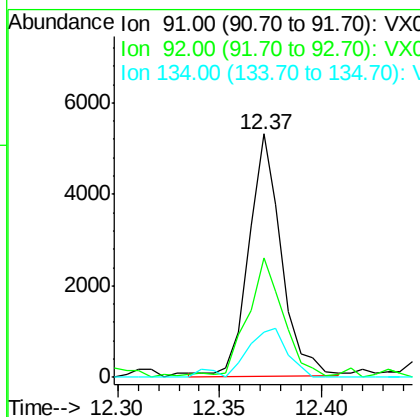
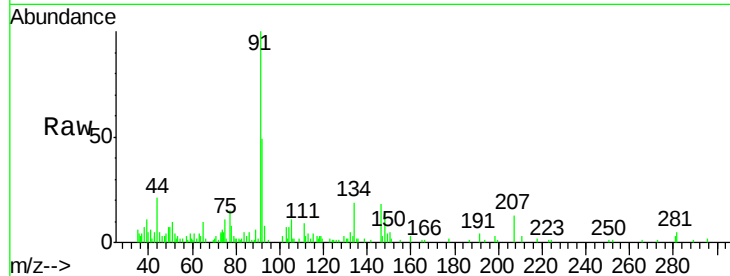
#89
n-Butylbenzene
Concen: 0.268 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tot Ion	Ratio	Resp	Lower	Upper
91	100	5845		
92	55.4		26.7	80.1
134	26.0		13.6	40.7

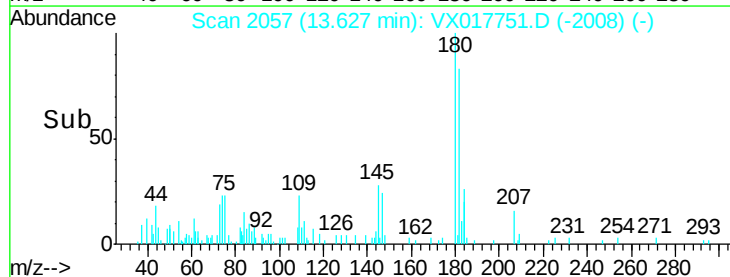
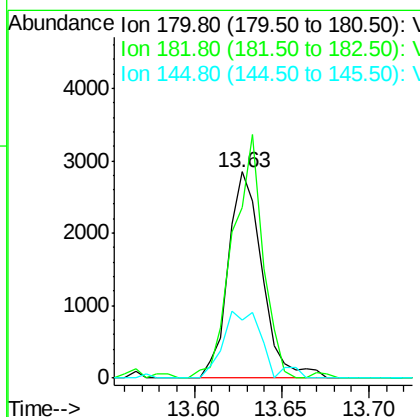
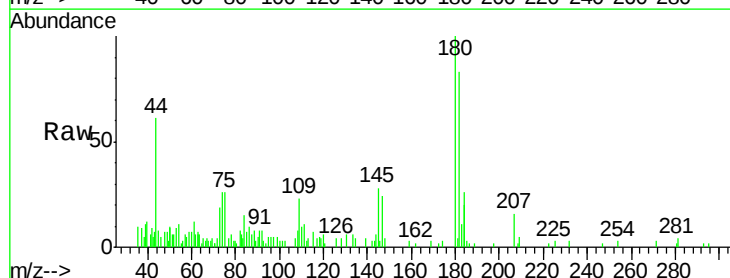
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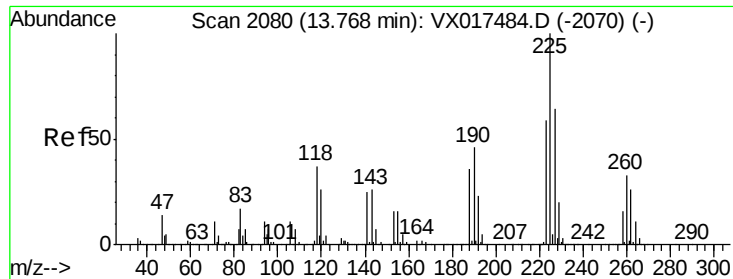
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#93
1,2,4-Trichlorobenzene
Concen: 0.441 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017751.D
Acq: 03 Aug 2020 17:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	3837		
182	104.6		47.5	142.6
145	37.3		15.4	46.4





#94

Hexachlorobutadiene

Concen: 0.747 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Instrument :

MSVOA_X

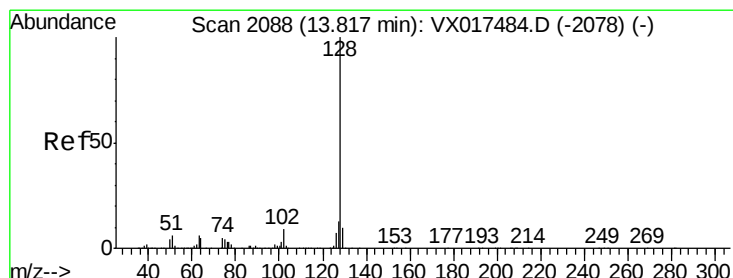
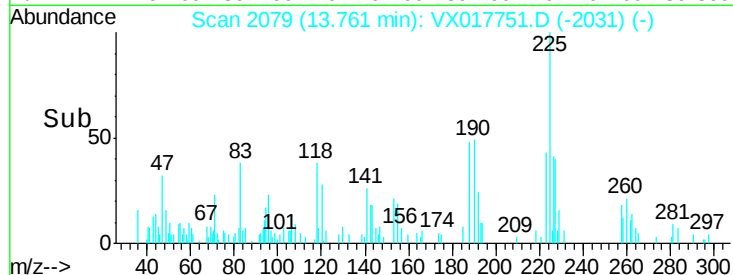
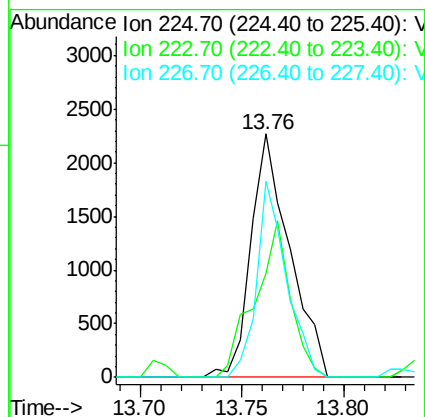
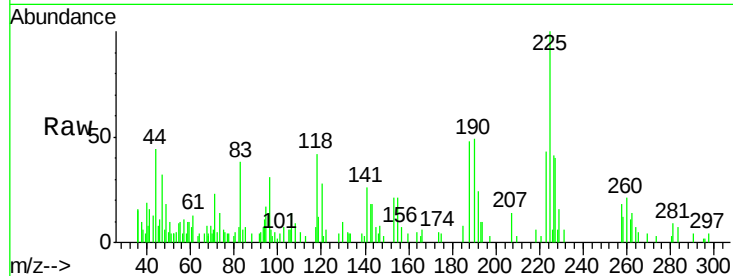
ClientSampleId :

IBLK

Tot Ion:	225	Resp:	2993
Ion Ratio	Lower	Upper	
225	100		
223	59.5	30.3	90.9
227	62.4	31.1	93.2

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#95

Naphthalene

Concen: 0.323 ug/l

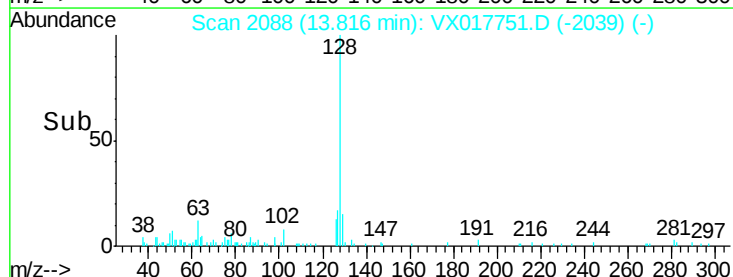
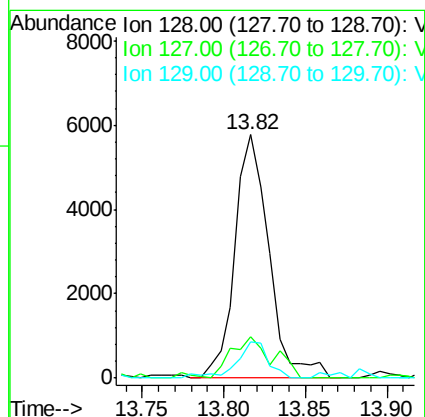
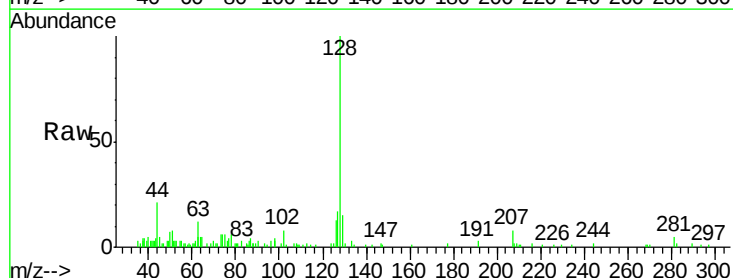
RT: 13.82 min Scan# 2088

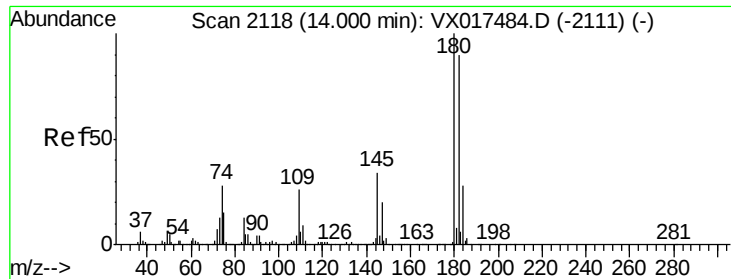
Delta R.T. -0.00 min

Lab File: VX017751.D

Acq: 03 Aug 2020 17:40

Tgt Ion:	128	Resp:	8401
Ion Ratio	Lower	Upper	
128	100		
127	20.4	10.4	15.6#
129	13.8	8.9	13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.456 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX017751.D
 Acq: 03 Aug 2020 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Tot Ion:	180	Resp:	3921
Ion Ratio	Lower	Upper	
180	100		
182	87.5	47.4	142.3
145	35.9	16.3	48.9

Manual Integrations
 APPROVED

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 8/4/2020 9:51:34 AM

