

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
 Data File : VX016980.D
 Acq On : 26 Jun 2020 13:58
 Operator : JC/SP
 Sample : L3066-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:41 PM

Quant Time: Jul 03 06:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 08:34:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218286	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	396025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215400	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	179431	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
35) Dibromofluoromethane	5.47	113	132659	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	8.70	98	500996	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.12	95	227946	61.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.96%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	5019	3.895	ug/l	95
39) Methylcyclohexane	7.45	83	2664	0.628	ug/l	98
44) Trichloroethene	7.19	130	808	0.269	ug/l	72
52) Toluene	8.76	92	1770	0.254	ug/l	97
67) Ethyl Benzene	10.24	91	212777	14.622	ug/l	100
68) m/p-Xylenes	10.35	106	163941	30.324	ug/l	94
69) o-Xylene	10.68	106	8233	1.596	ug/l	66
73) Isopropylbenzene	11.01	105	3184687	214.734	ug/l	99
78) n-propylbenzene	11.35	91	6366223	363.685	ug/l	100
83) tert-Butylbenzene	11.76	119	354586	29.535	ug/l	87
84) 1,2,4-Trimethylbenzene	11.79	105	6803535	545.646	ug/l	97
85) sec-Butylbenzene	11.93	105	1623146	115.957	ug/l	99
86) p-Isopropyltoluene	12.05	119	112719m	8.813	ug/l	
89) n-Butylbenzene	12.37	91	694896	57.723	ug/l #	82
95) Naphthalene	13.82	128	355115	25.345	ug/l	99

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

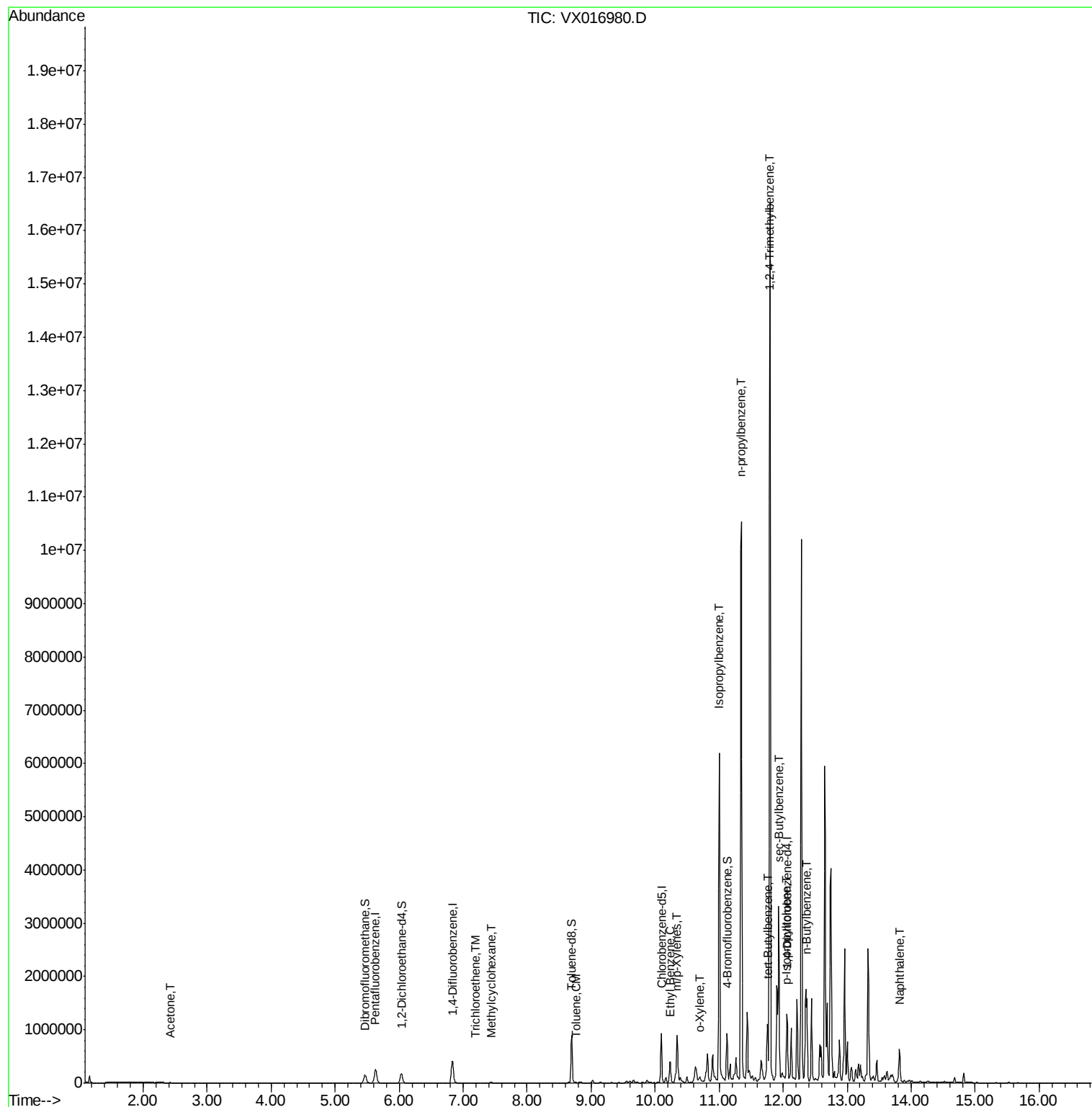
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX062620\
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Quant Time: Jul 03 06:43:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062620W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 26 08:34:16 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tgt Ion:168 Resp: 218286

Ion Ratio Lower Upper

168 100

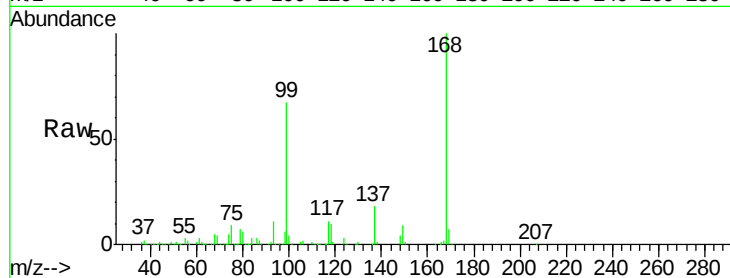
99 66.7 50.2 75.2

Manual Integrations

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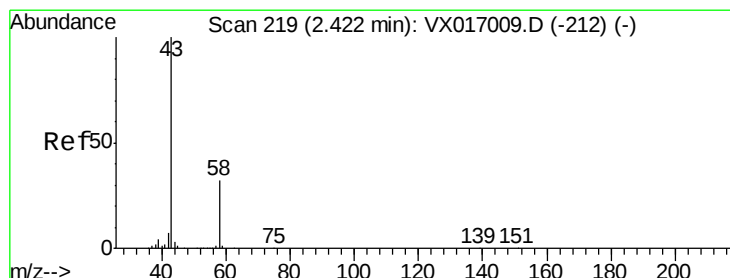
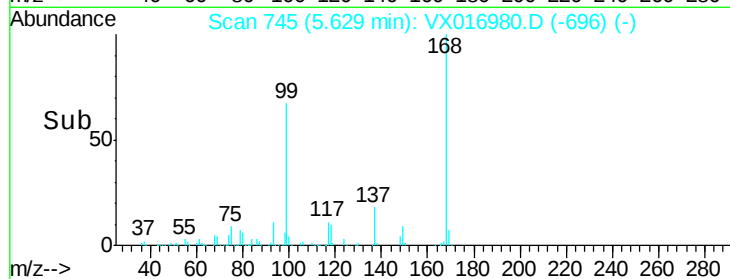
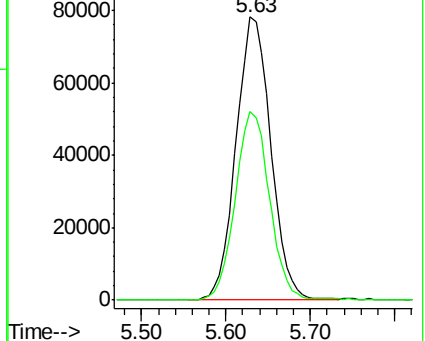
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.895 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016980.D

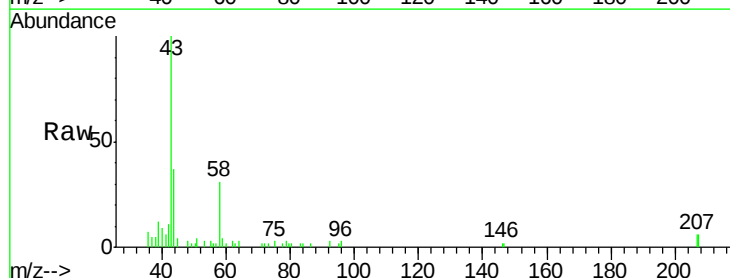
Acq: 26 Jun 2020 13:58

Tgt Ion: 43 Resp: 5019

Ion Ratio Lower Upper

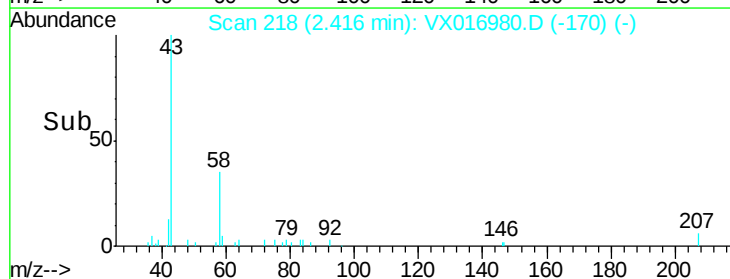
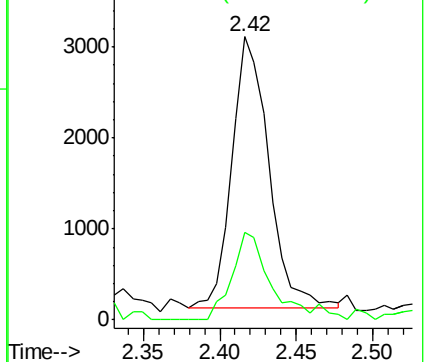
43 100

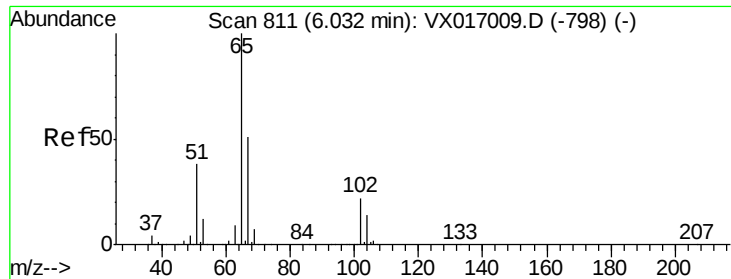
58 32.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.433 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tgt Ion: 65 Resp: 179431

Ion Ratio Lower Upper

65 100

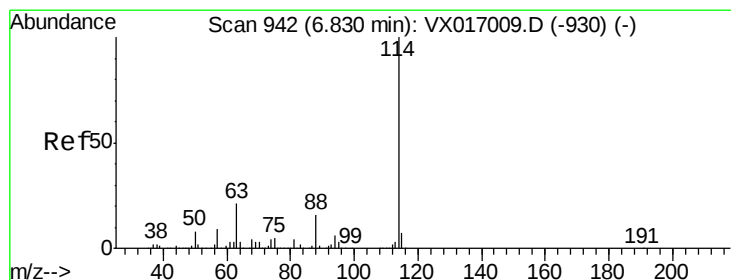
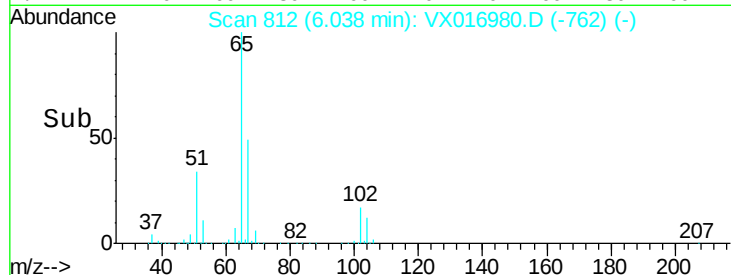
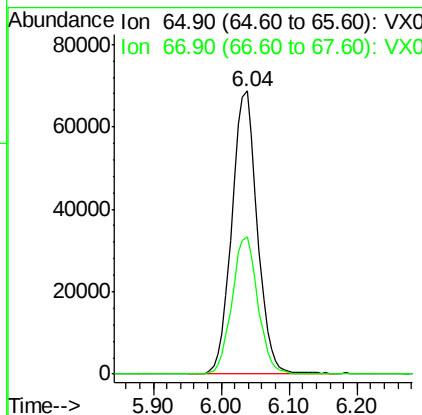
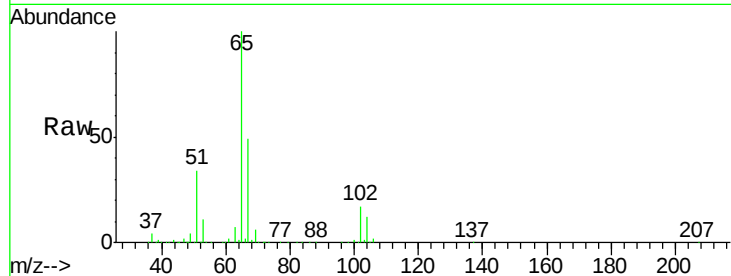
67 49.1 0.0 102.8

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: VX016980.D

Acq: 26 Jun 2020 13:58

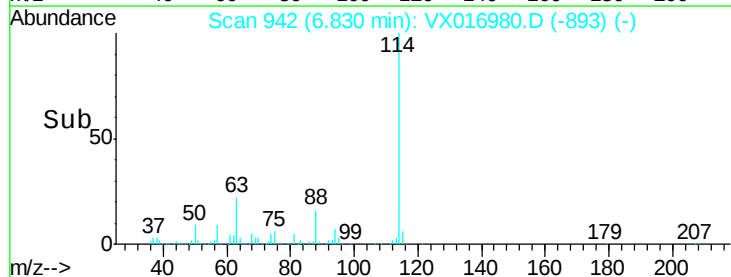
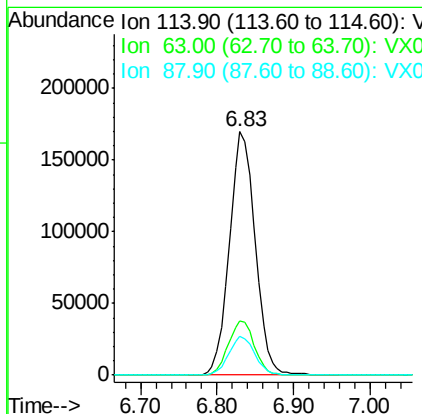
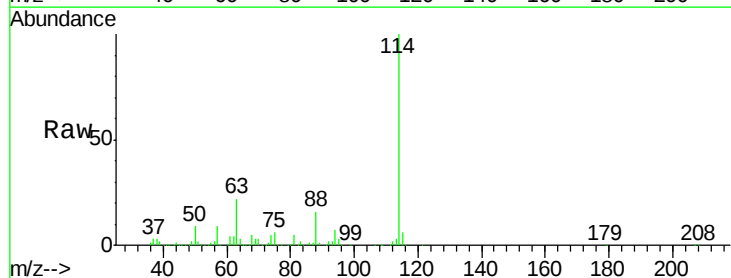
Tgt Ion: 114 Resp: 396025

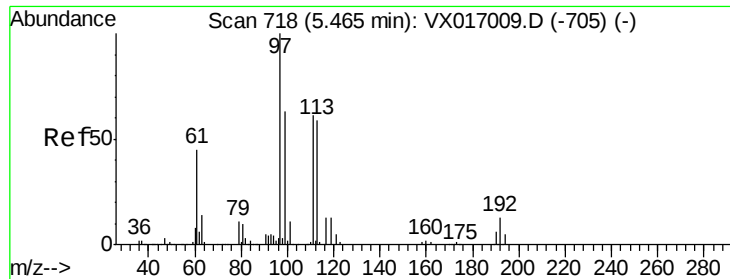
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.4

88 16.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.717 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

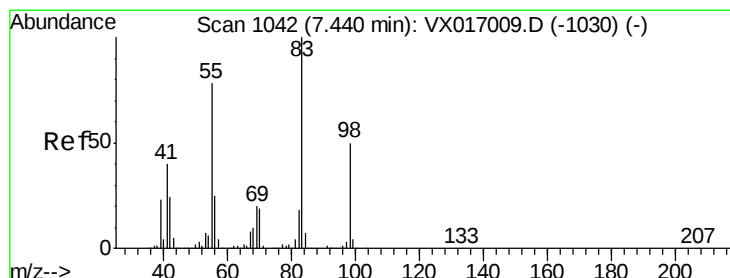
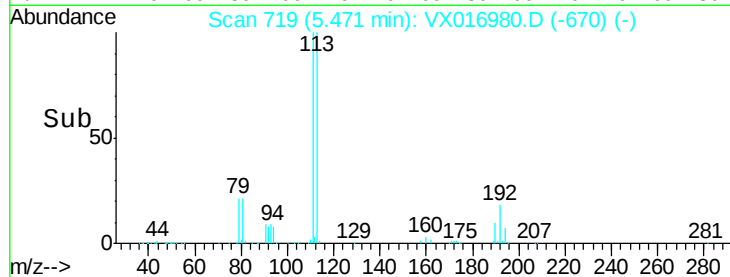
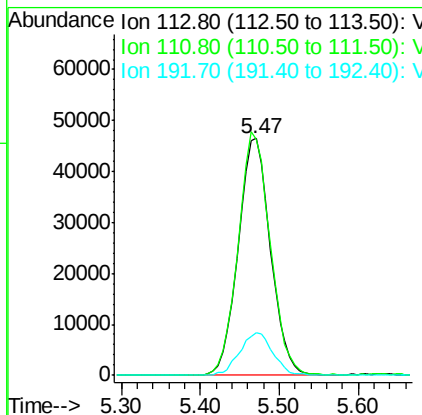
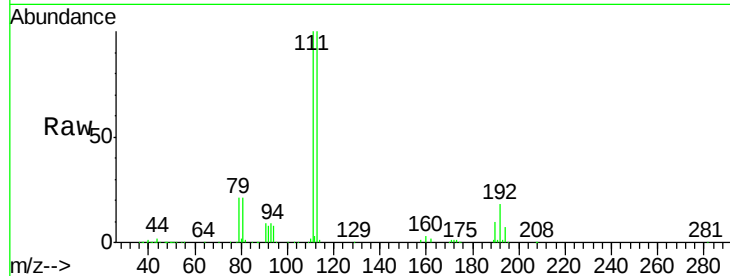
ClientSampled :

MW-1

Tgt Ion:	113	Resp:	132659
Ion Ratio	Lower	Upper	
113	100		
111	102.0	84.3	126.5
192	18.6	15.2	22.8

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#39

Methylcyclohexane

Concen: 0.628 ug/l

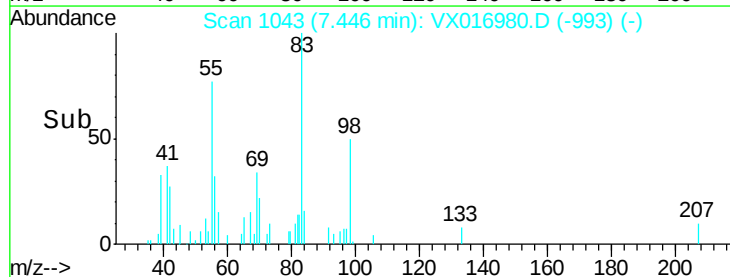
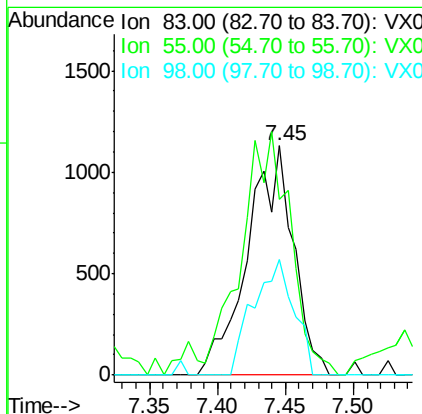
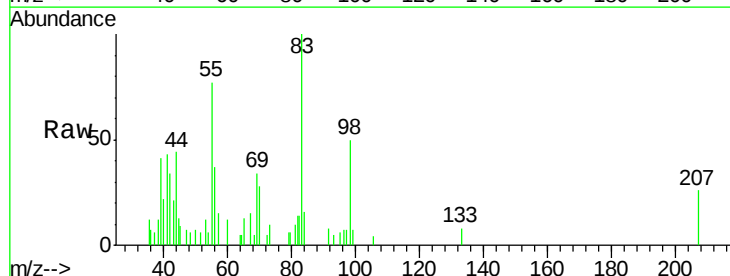
RT: 7.45 min Scan# 1043

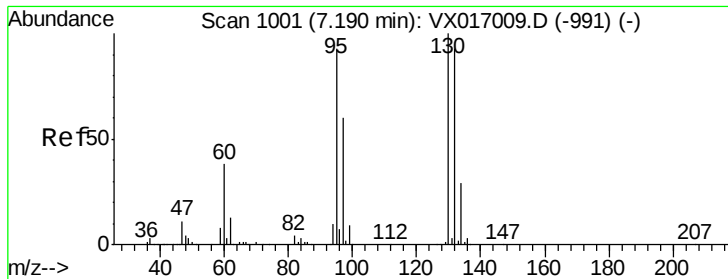
Delta R.T. 0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Tgt Ion:	83	Resp:	2664
Ion Ratio	Lower	Upper	
83	100		
55	76.7	62.4	93.6
98	50.4	39.4	59.0





#44

Trichloroethene

Concen: 0.269 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tgt Ion: 130 Resp: 808

Ion Ratio Lower Upper

130 100

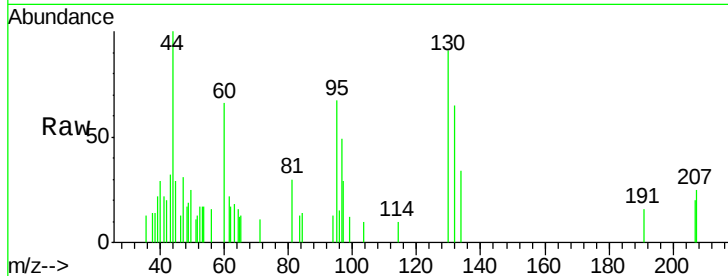
95 74.4 0.0 206.6

Manual Integrations

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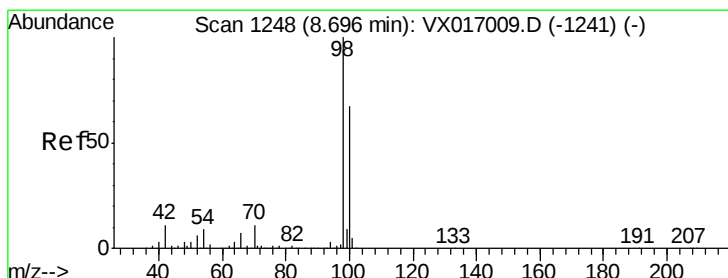
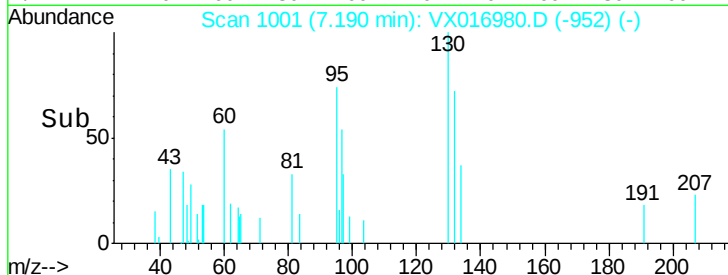
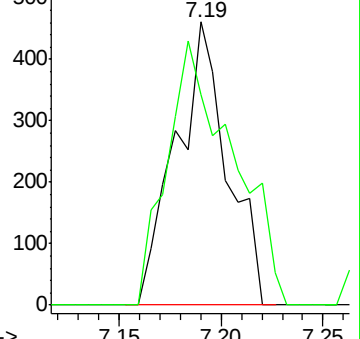
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.253 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016980.D

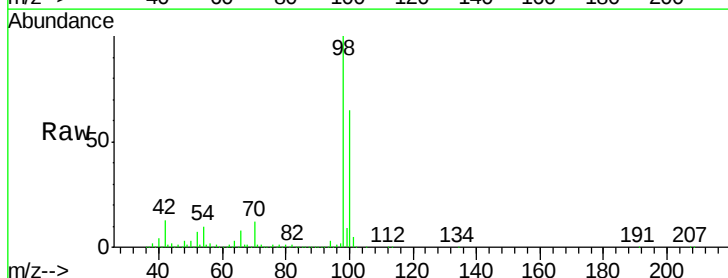
Acq: 26 Jun 2020 13:58

Tgt Ion: 98 Resp: 500996

Ion Ratio Lower Upper

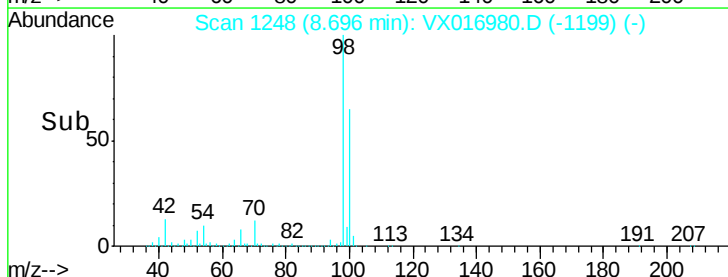
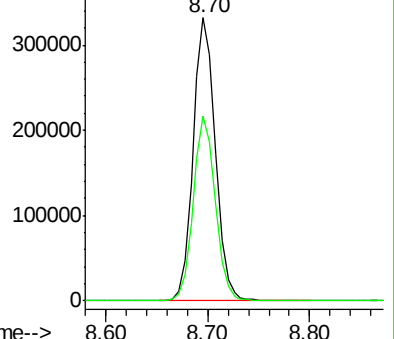
98 100

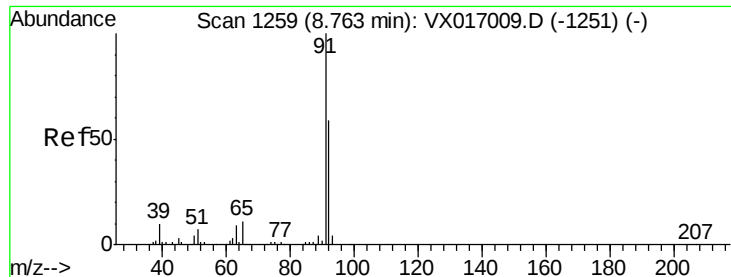
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.254 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

ClientSampled :

MW-1

Tgt Ion: 92 Resp: 1770

Ion Ratio Lower Upper

92 100

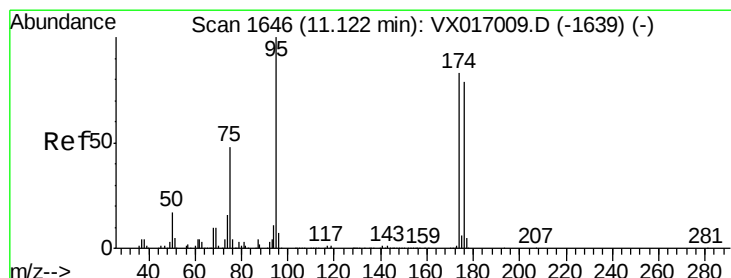
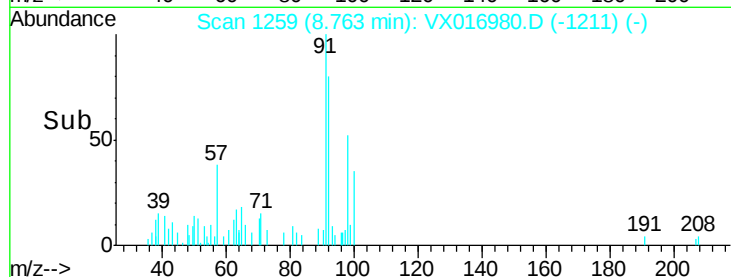
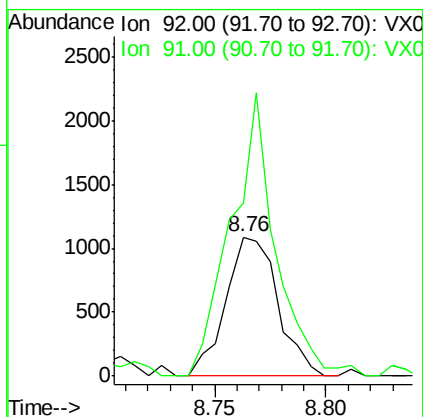
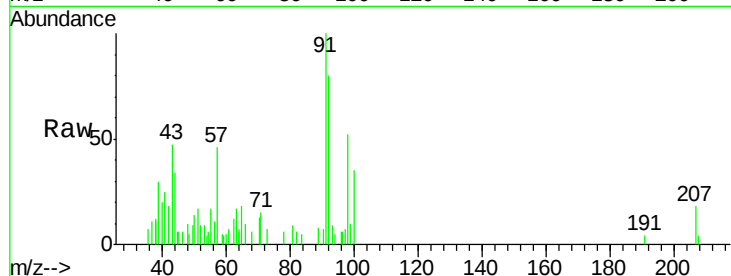
91 174.9 136.7 205.1

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 61.482 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

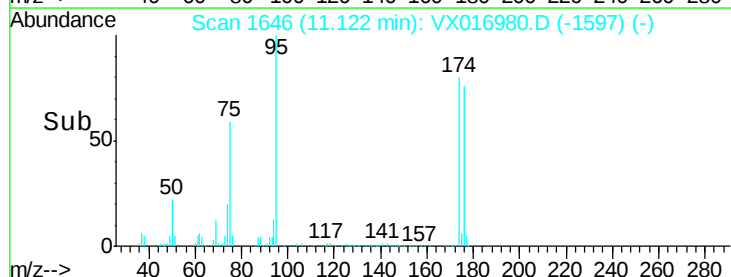
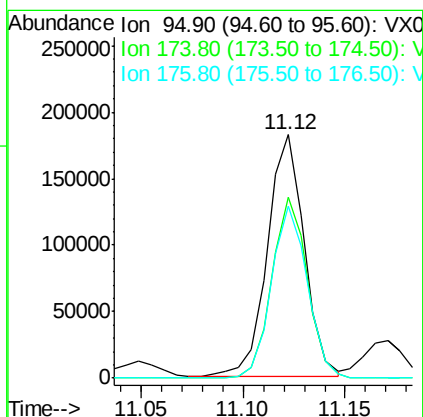
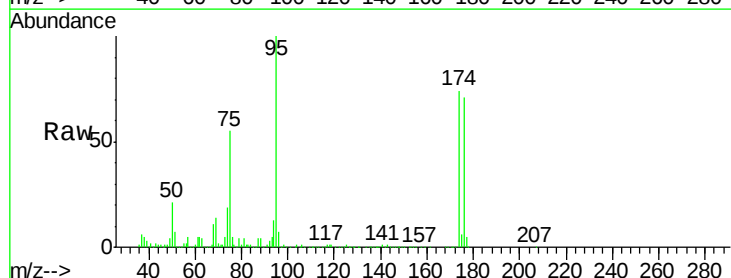
Tgt Ion: 95 Resp: 227946

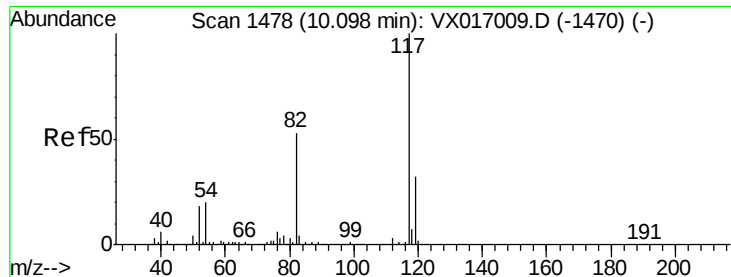
Ion Ratio Lower Upper

95 100

174 72.3 0.0 149.6

176 69.7 0.0 148.2





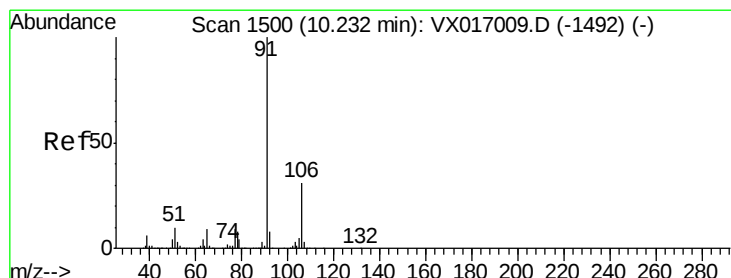
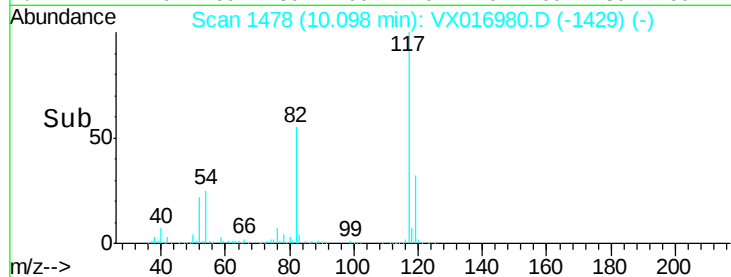
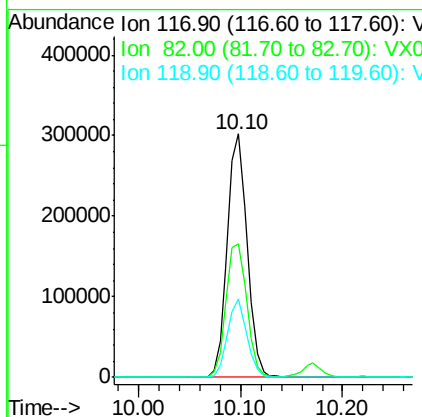
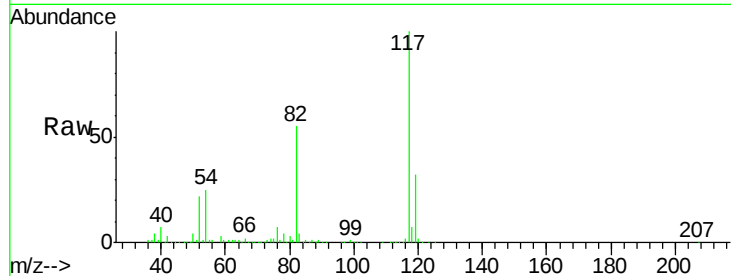
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.6	46.8	70.2
119	32.0	27.3	40.9

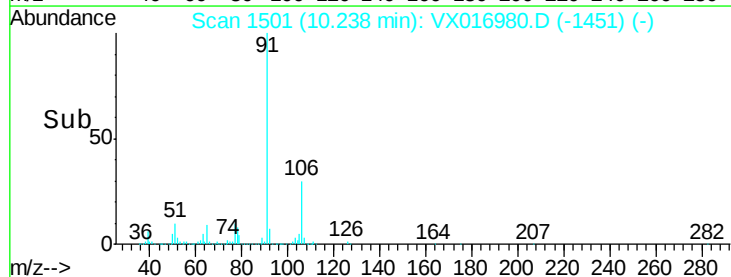
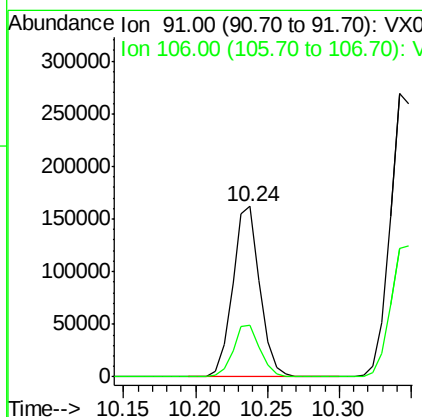
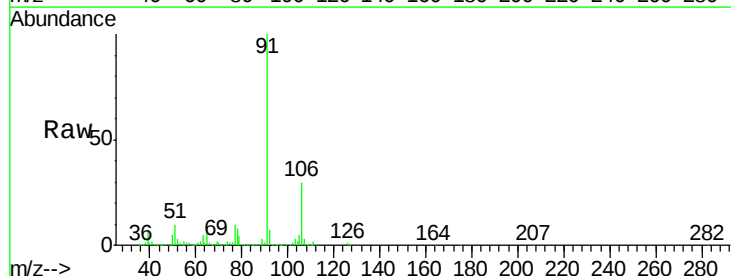
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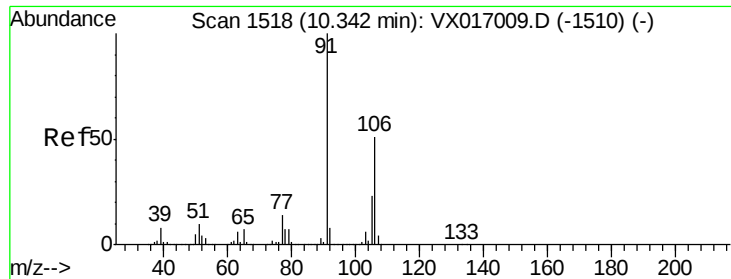
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#67
Ethyl Benzene
Concen: 14.622 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.1	36.1





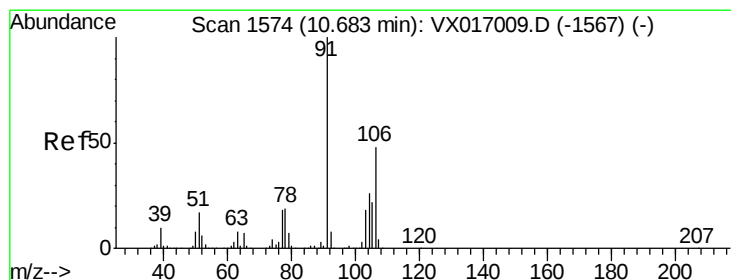
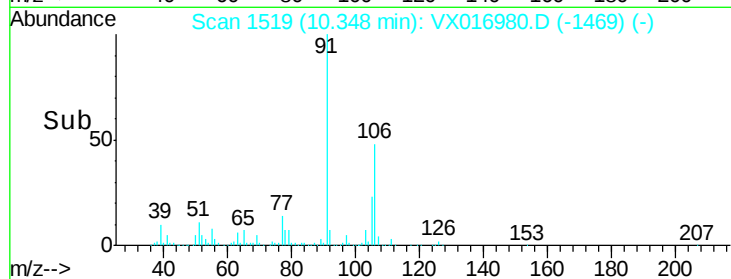
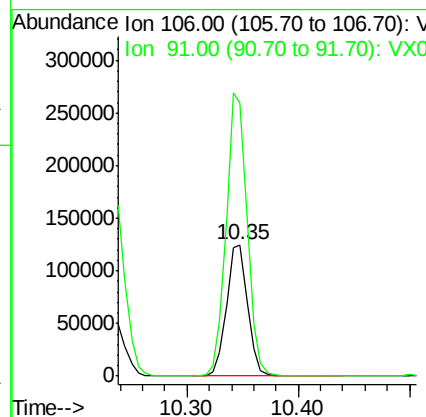
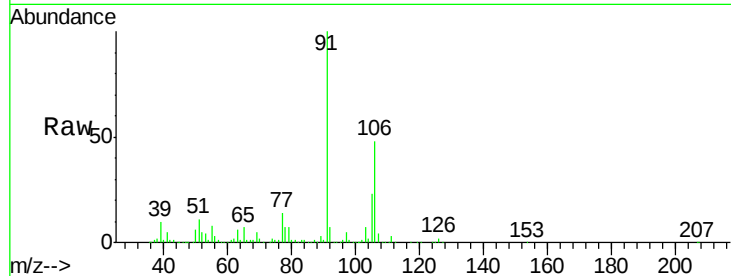
#68
m/p-Xylenes
Concen: 30.324 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion:106 Resp: 163941
Ion Ratio Lower Upper
106 100
91 213.7 164.1 246.1

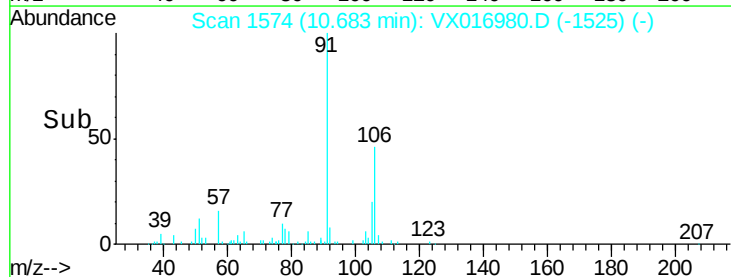
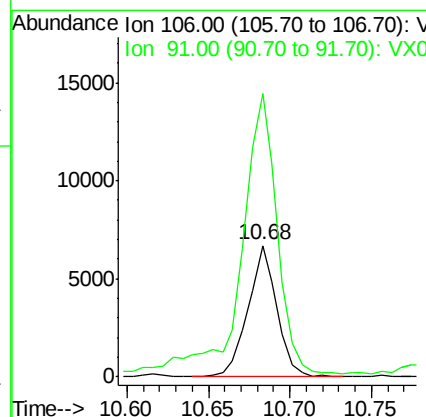
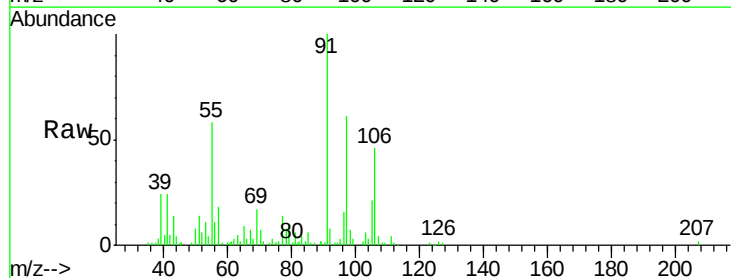
Manual Integrations
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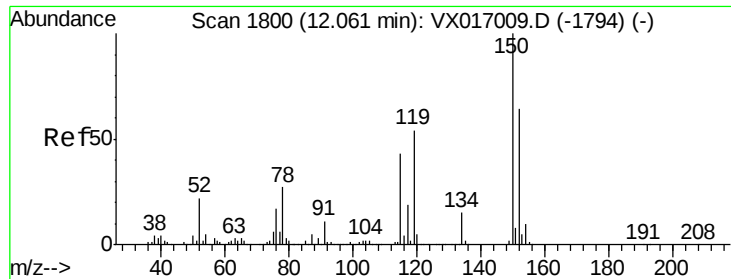
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#69
o-Xylene
Concen: 1.596 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion:106 Resp: 8233
Ion Ratio Lower Upper
106 100
91 272.0 109.1 327.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Instrument :

MSVOA_X

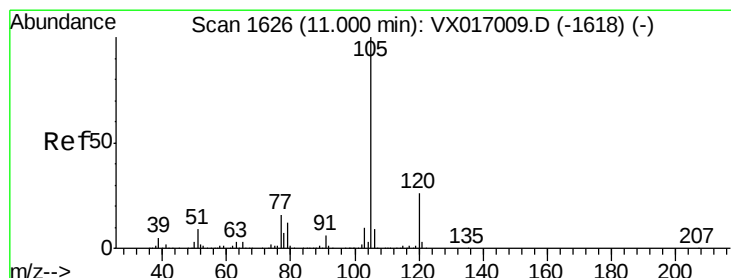
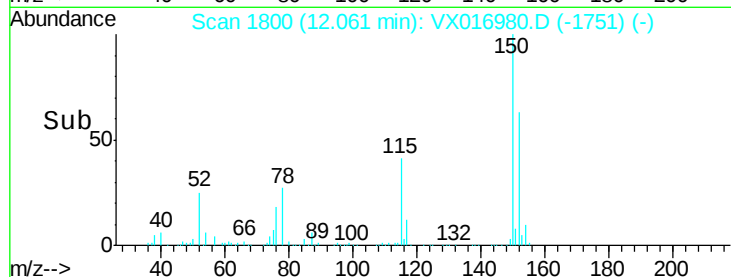
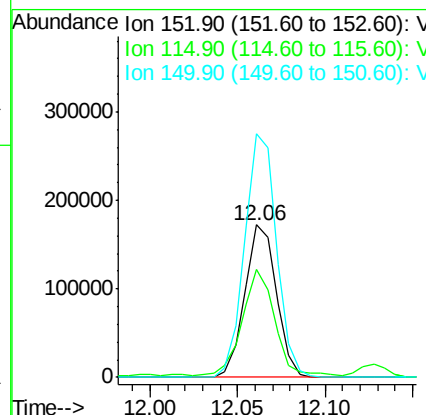
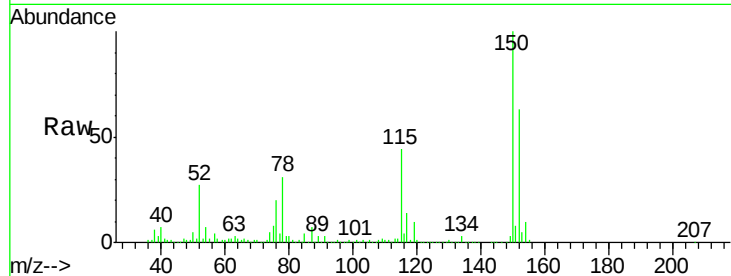
ClientSampled :

MW-1

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	215400		
115	70.6	42.8	128.4	
150	161.3	0.0	347.8	

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#73

Isopropylbenzene

Concen: 214.734 ug/l

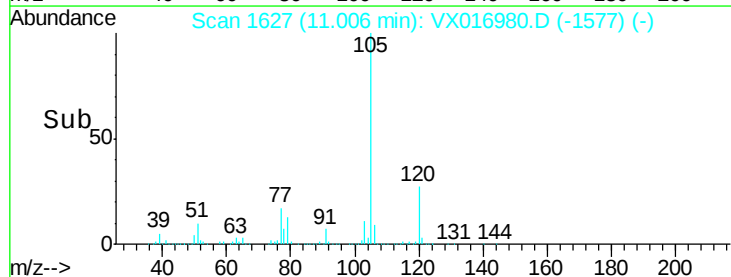
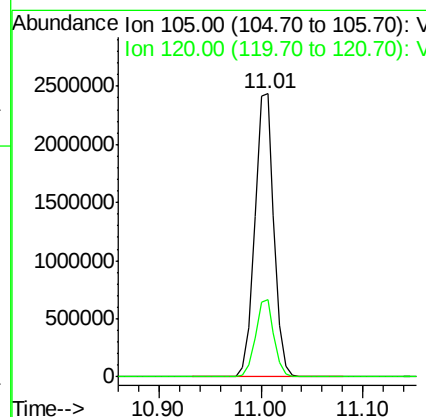
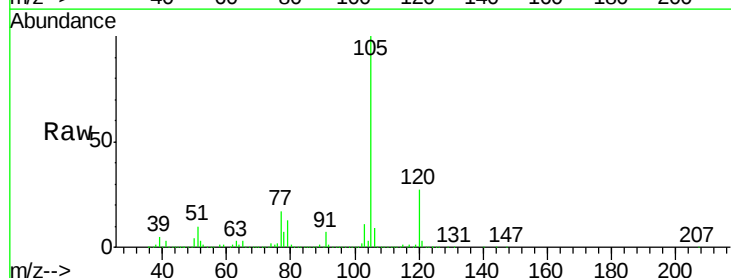
RT: 11.01 min Scan# 1627

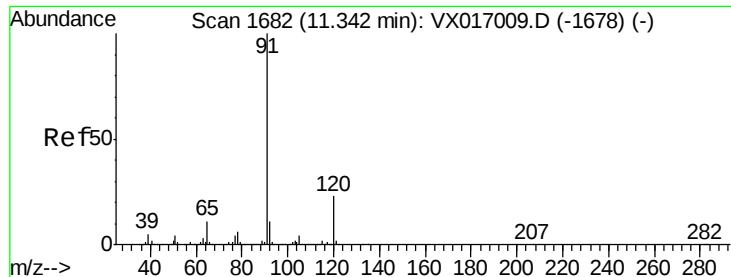
Delta R.T. 0.01 min

Lab File: VX016980.D

Acq: 26 Jun 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	3184687		
120	26.4	13.1	39.1	





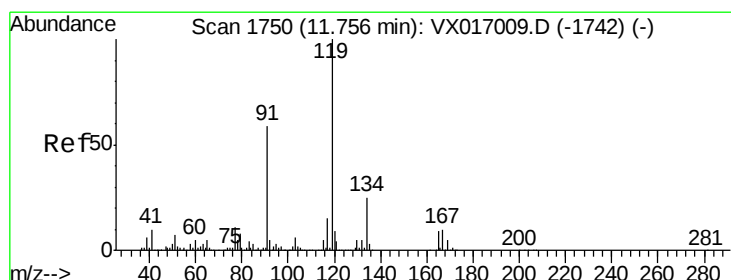
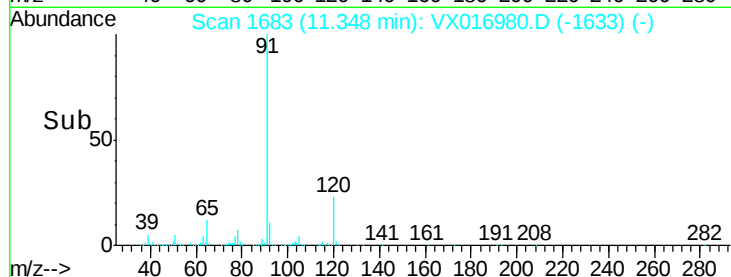
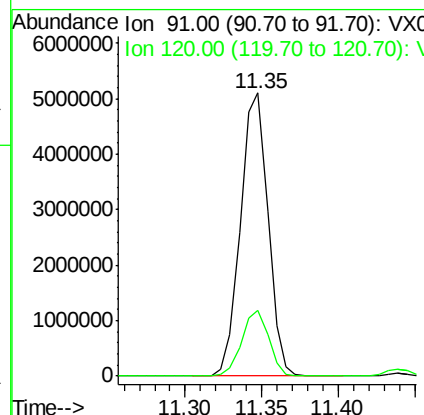
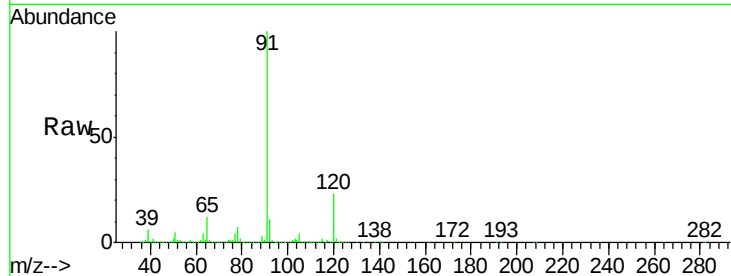
#78
n-propylbenzene
Concen: 363.685 ug/l
RT: 11.35 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion: 91 Resp: 6366223
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

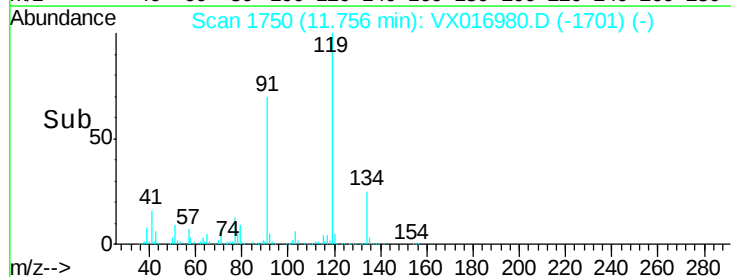
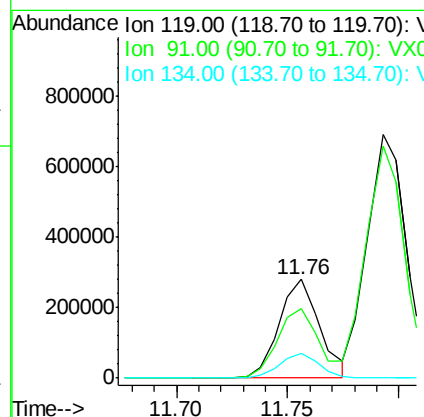
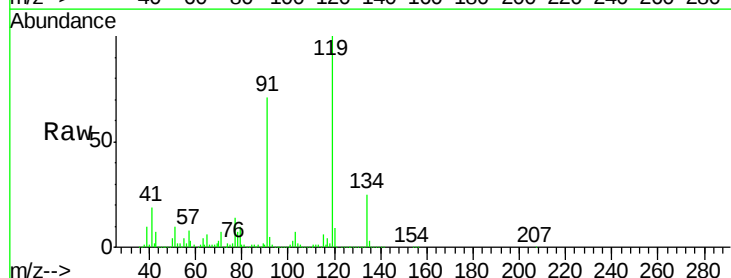
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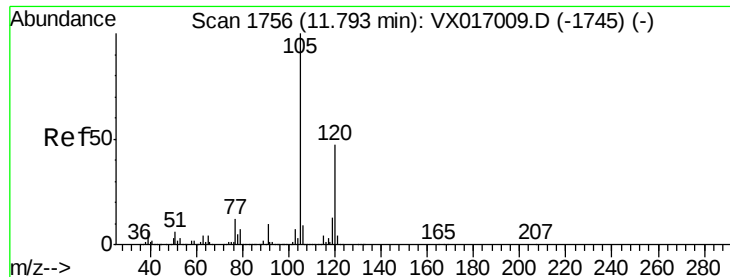
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#83
tert-Butylbenzene
Concen: 29.535 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion: 119 Resp: 354586
Ion Ratio Lower Upper
119 100
91 73.6 30.0 90.0
134 23.9 11.8 35.3





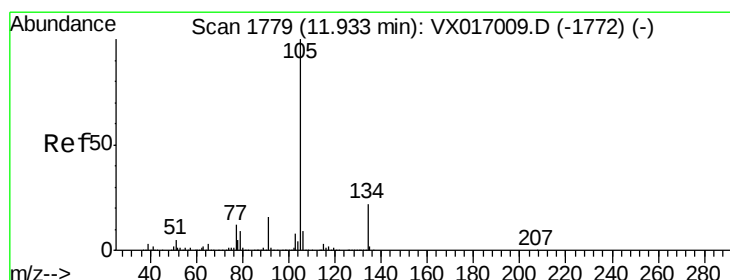
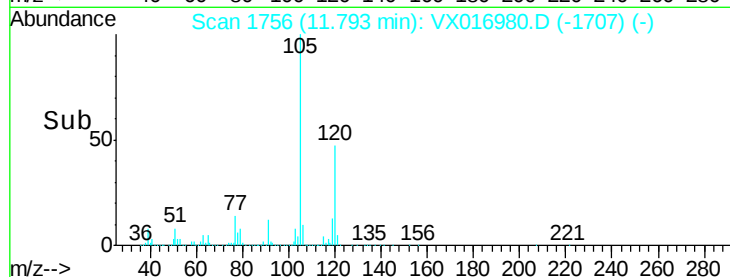
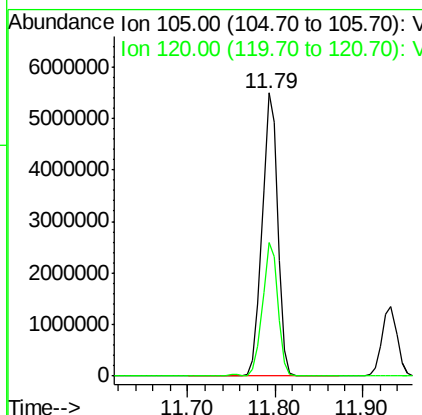
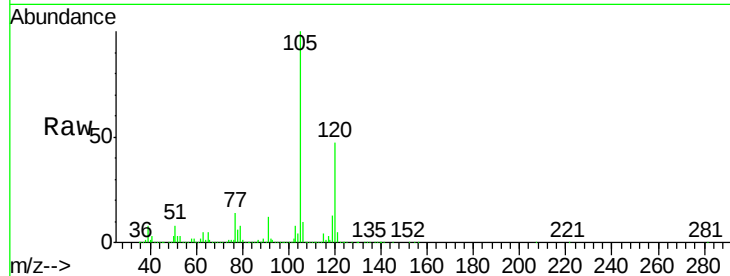
#84
 1,2,4-Trimethylbenzene
 Concen: 545.646 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016980.D
 Acq: 26 Jun 2020 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tgt Ion:105 Resp: 6803535
 Ion Ratio Lower Upper
 105 100
 120 47.0 22.4 67.3

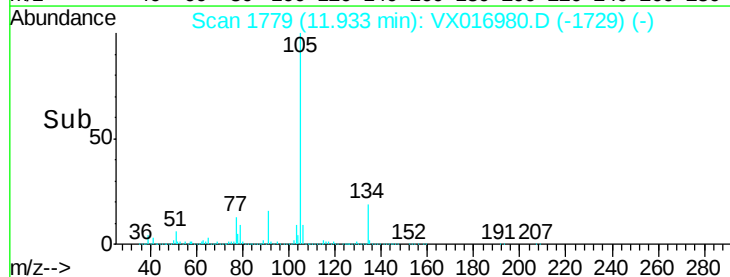
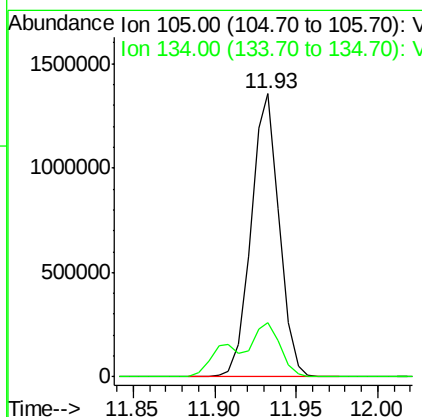
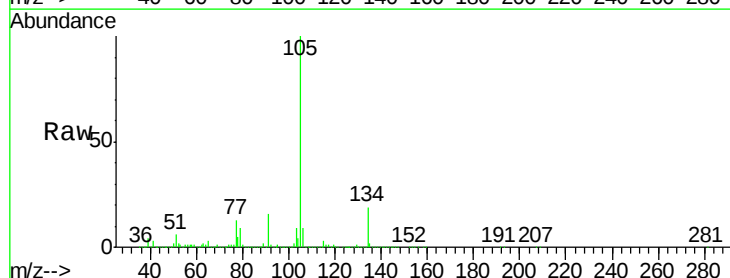
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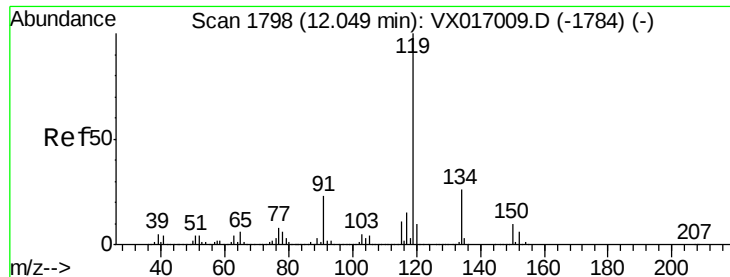
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#85
 sec-Butylbenzene
 Concen: 115.957 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX016980.D
 Acq: 26 Jun 2020 13:58

Tgt Ion:105 Resp: 1623146
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1





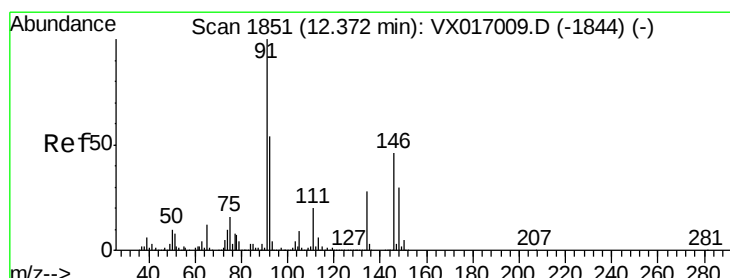
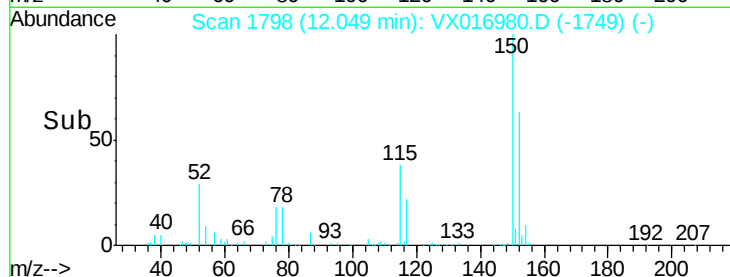
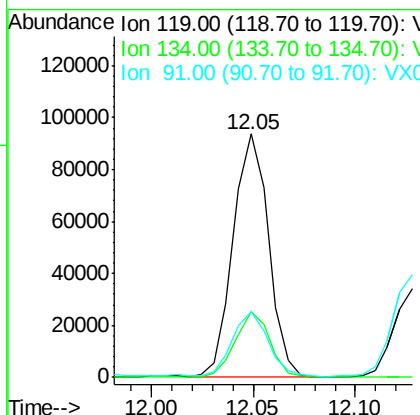
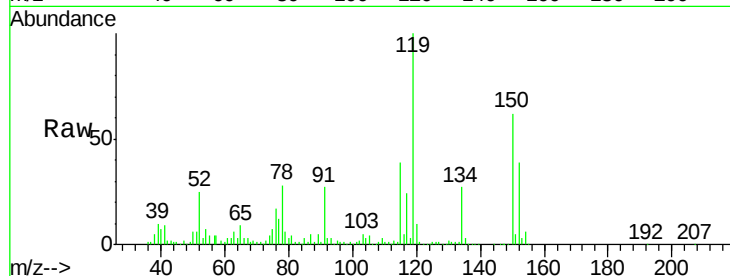
#86
p-Isopropyltoluene
Concen: 8.813 ug/l m
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	112719		
134	159.0	13.1	39.3#	
91	152.9	12.4	37.4#	

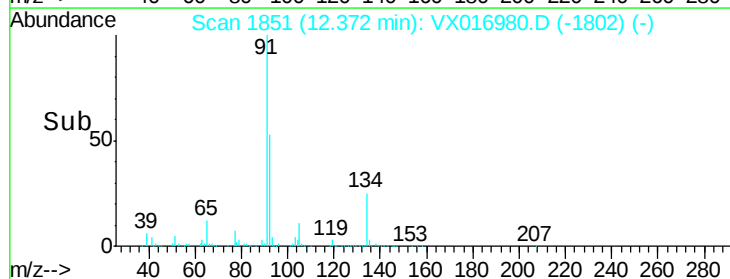
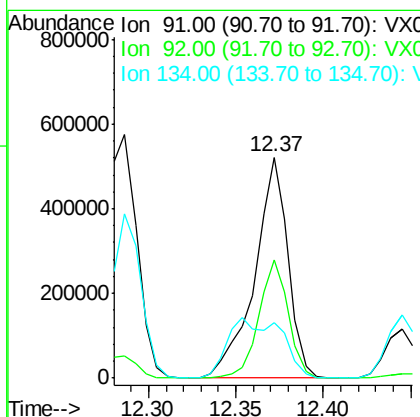
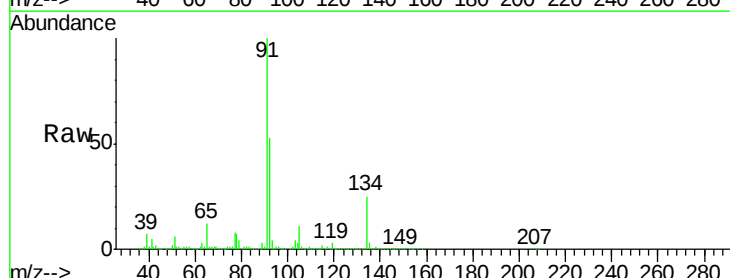
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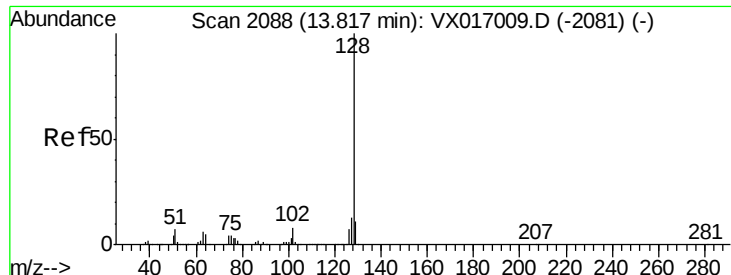
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#89
n-Butylbenzene
Concen: 57.723 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	694896		
92	47.2	26.6	79.7	
134	44.1	12.6	37.8#	





#95
Naphthalene
Concen: 25.345 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016980.D
Acq: 26 Jun 2020 13:58

Instrument :
MSVOA_X
ClientSampleId :
MW-1

Tgt	Ion:128	Resp:	355115
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.6	8.7	13.1

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