

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012508.D
 Acq On : 19 Sep 2019 05:24
 Operator : JC/SP
 Sample : K4887-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157

Manual Integrations
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 9/19/2019 1:06:56 PM

Quant Time: Sep 19 15:12:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109755	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	129003	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
35) Dibromofluoromethane	5.49	113	92310	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	8.71	98	360955	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.14	95	133253	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	183631	94.292	ug/l	98
39) Methylcyclohexane	7.46	83	185894	102.206	ug/l	96
67) Ethyl Benzene	10.25	91	301437	40.560	ug/l	100
68) m/p-Xylenes	10.36	106	646168	238.960	ug/l	99
69) o-Xylene	10.70	106	1859	0.668	ug/l	93
73) Isopropylbenzene	11.01	105	356603	51.783	ug/l	100
78) n-propylbenzene	11.35	91	355547	46.324	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	514893	87.670	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1517296	251.613	ug/l	99
85) sec-Butylbenzene	11.94	105	36073m	5.202	ug/l	
86) p-Isopropyltoluene	12.06	119	27055	4.249	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	1458	0.442	ug/l	89
95) Naphthalene	13.83	128	203218	26.853	ug/l	99

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

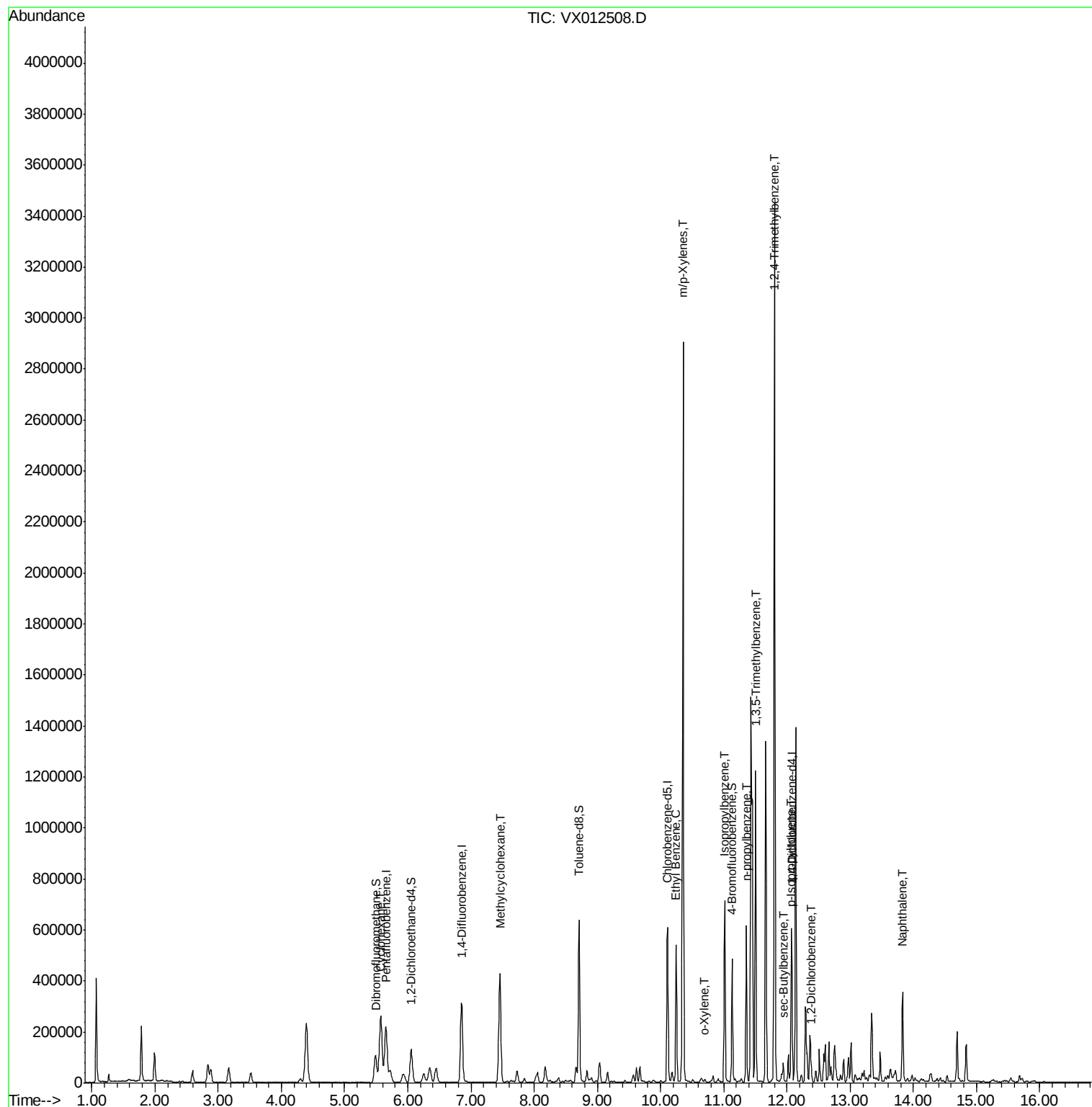
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012508.D
Acq On : 19 Sep 2019 05:24
Operator : JC/SP
Sample : K4887-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

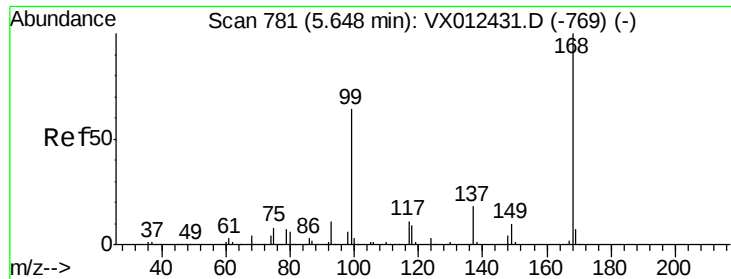
Instrument :
MSVOA_X
ClientSampleId :
Z2-0157

Manual Integrations
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Quant Time: Sep 19 15:12:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

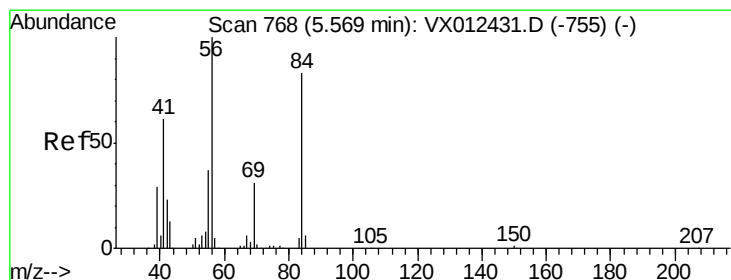
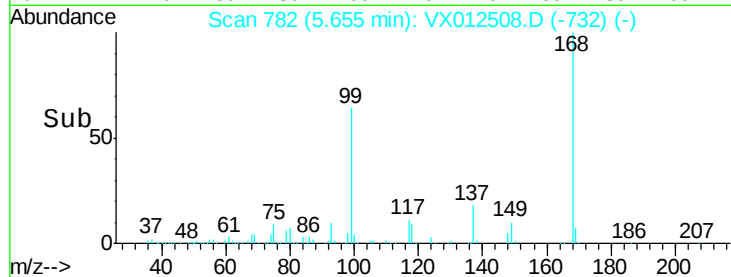
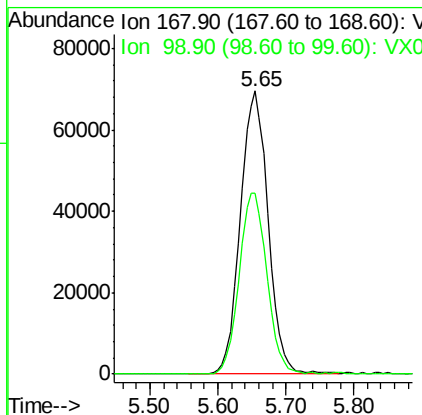
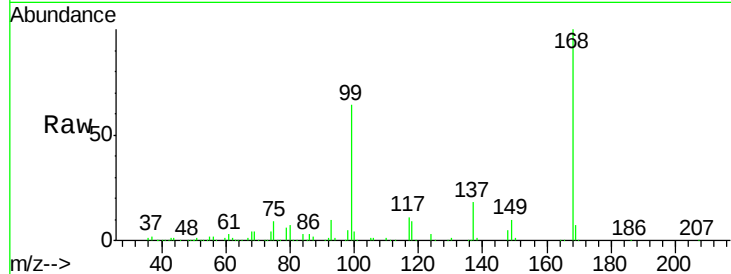
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX012508.D
 Acq: 19 Sep 2019 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157

Tot Ion	Ratio	Lower	Upper
168	100		
99	64.1	51.4	77.2

Manual Integrations
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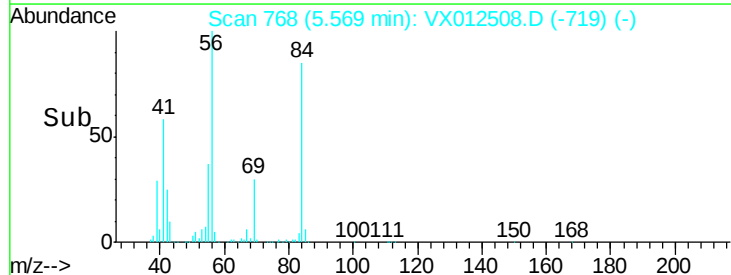
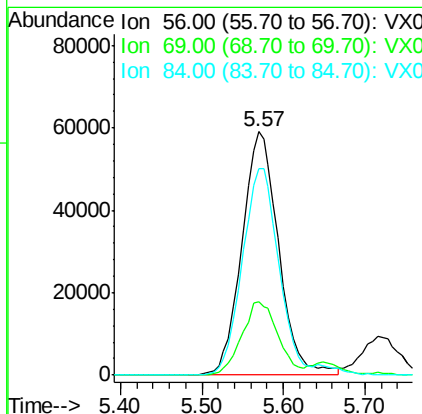
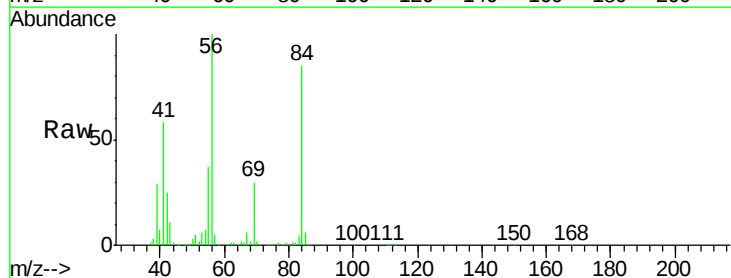
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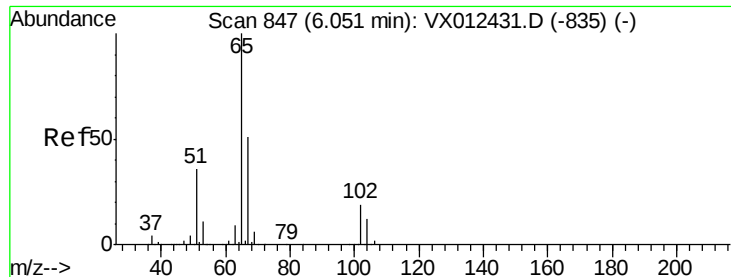


#31

Cyclohexane
 Concen: 94.292 ug/l
 RT: 5.57 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX012508.D
 Acq: 19 Sep 2019 05:24

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.0	37.6
84	85.1	66.4	99.6





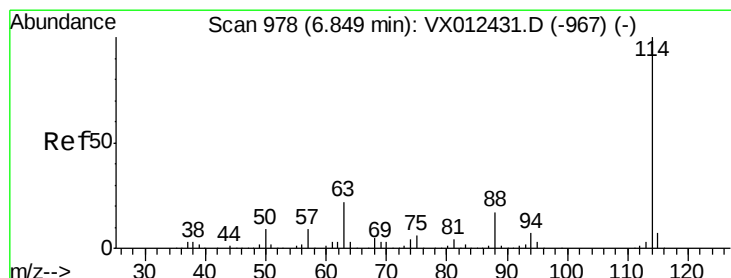
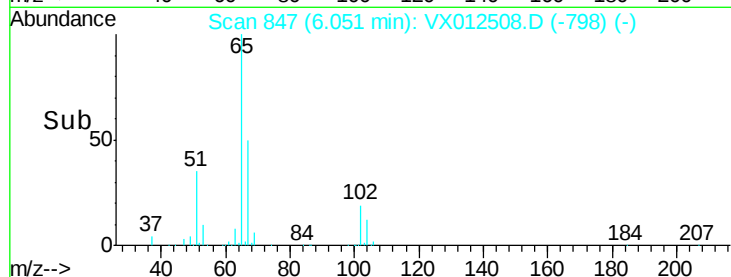
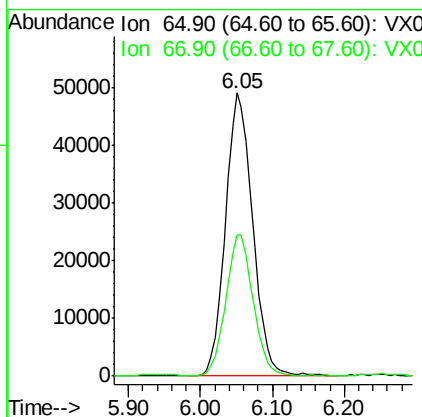
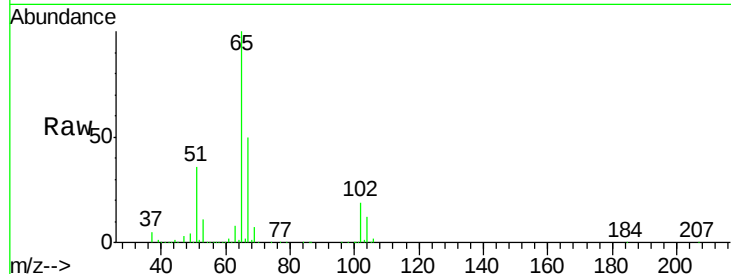
#33
 1,2-Dichloroethane-d4
 Concen: 45.751 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012508.D
 Acq: 19 Sep 2019 05:24

Instrument :
 MSVOA_X
 ClientSampled :
 Z2-0157

Tot Ion	Ratio	Resp	Lower	Upper
65	100	129003		
67	49.5	0.0	101.2	

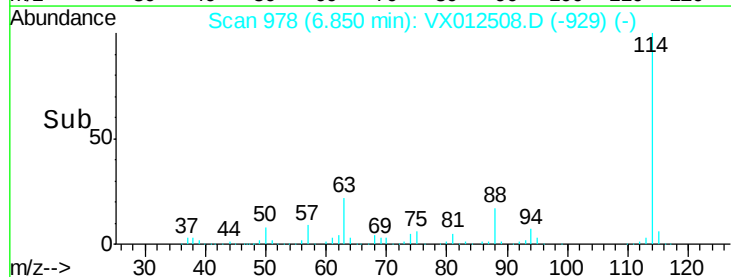
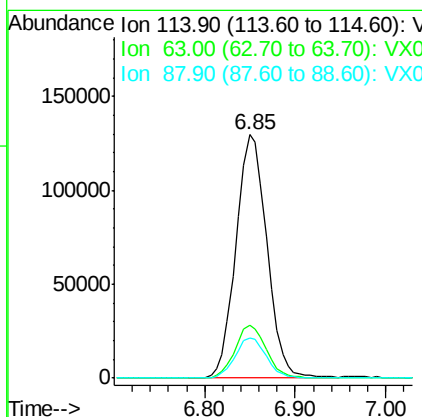
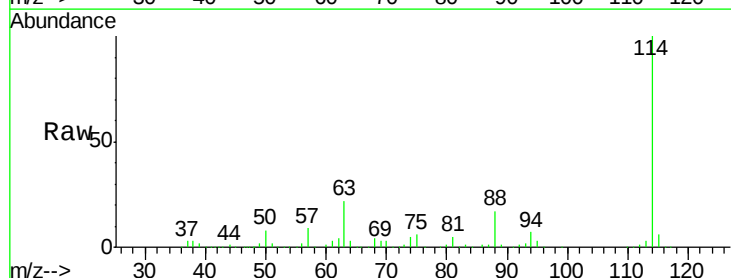
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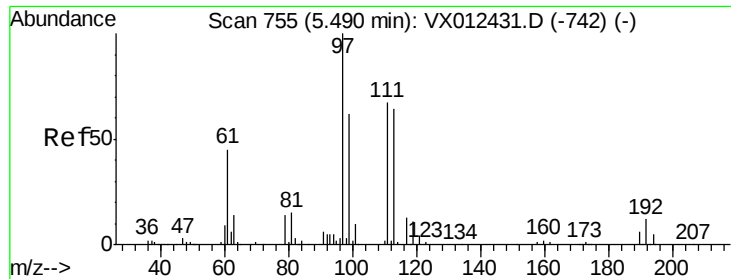
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012508.D
 Acq: 19 Sep 2019 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	307847		
63	21.8	0.0	43.2	
88	16.6	0.0	33.2	





#35

Dibromofluoromethane

Concen: 49.542 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012508.D

Acq: 19 Sep 2019 05:24

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157

Tot Ion:113 Resp: 92310

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

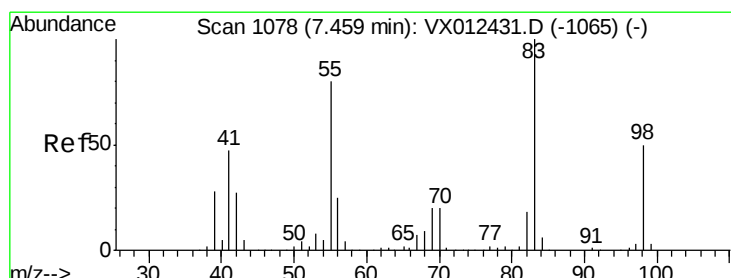
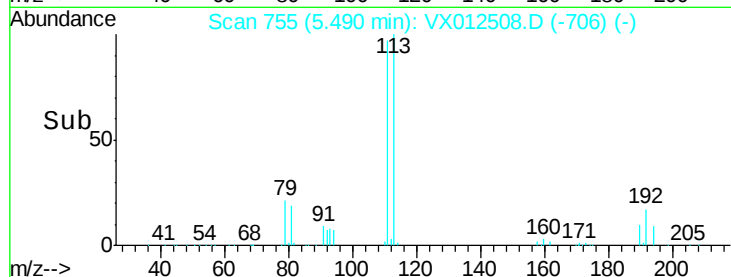
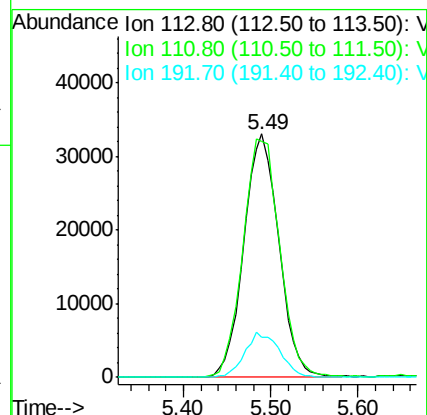
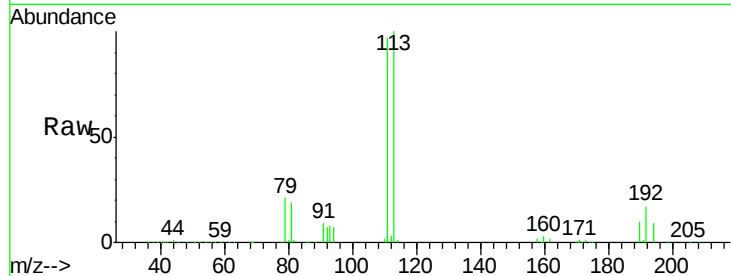
192 18.6 14.4 21.6

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#39

Methylcyclohexane

Concen: 102.206 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX012508.D

Acq: 19 Sep 2019 05:24

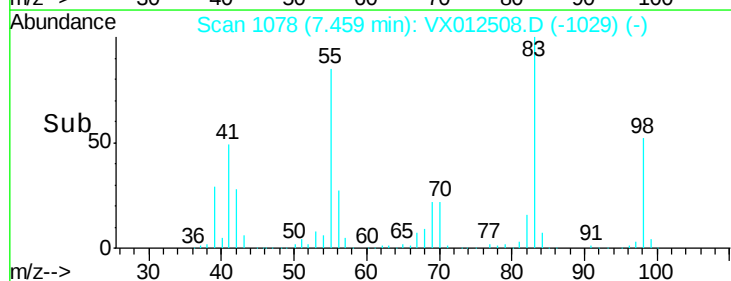
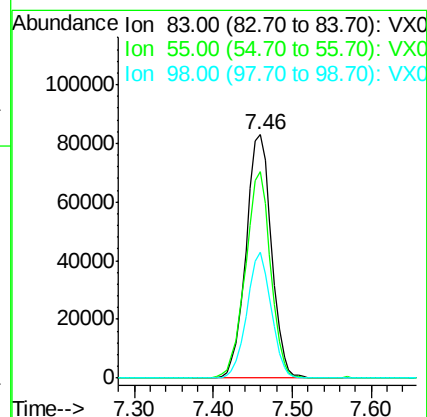
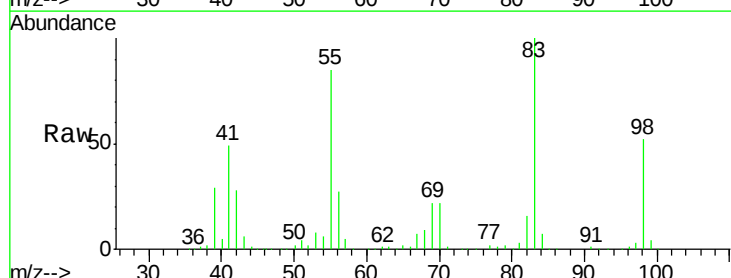
Tgt Ion: 83 Resp: 185894

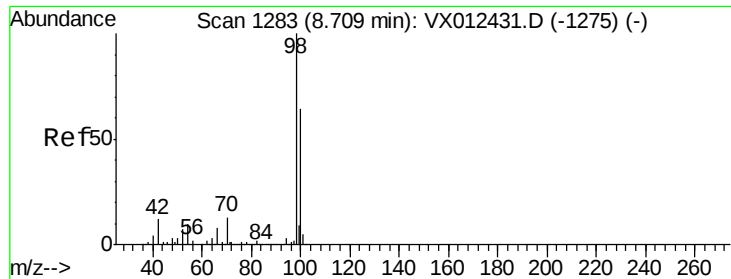
Ion Ratio Lower Upper

83 100

55 84.8 64.4 96.6

98 51.7 40.1 60.1





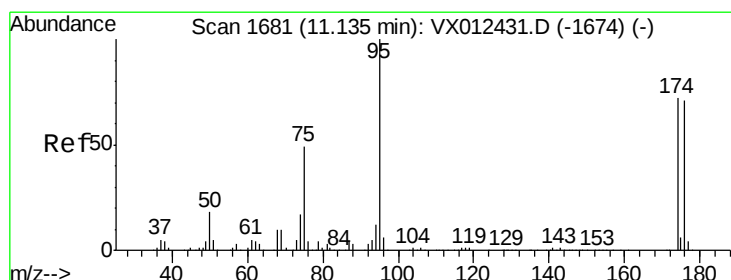
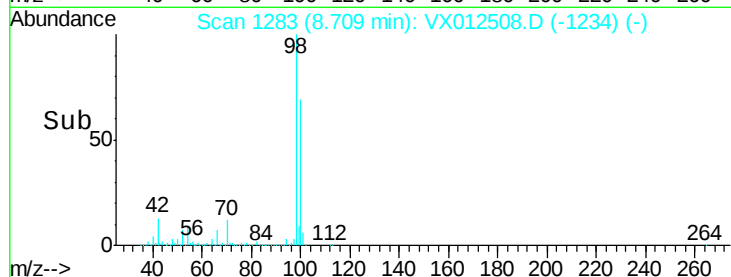
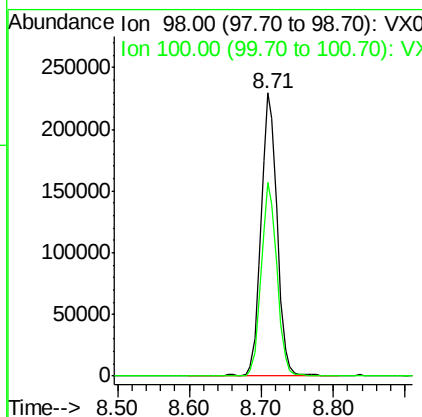
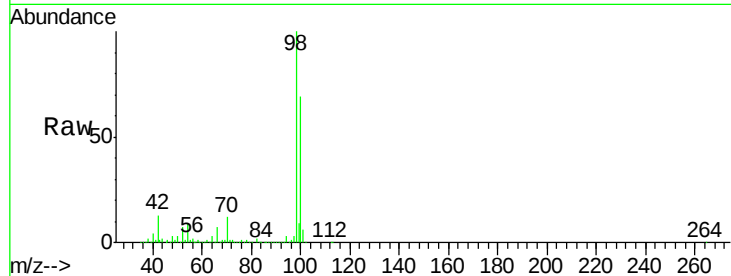
#50
Toluene-d8
Concen: 52.337 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157

Tot Ion: 98 Resp: 360955
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.2

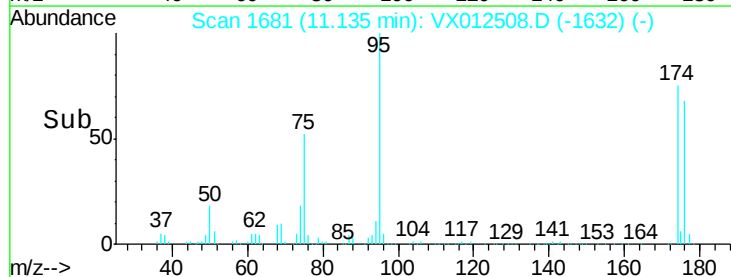
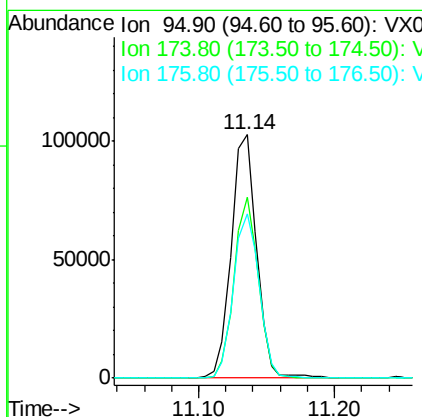
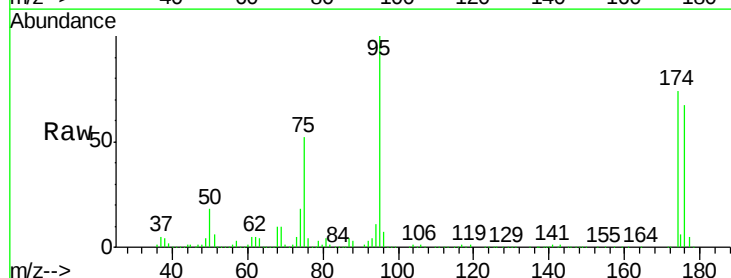
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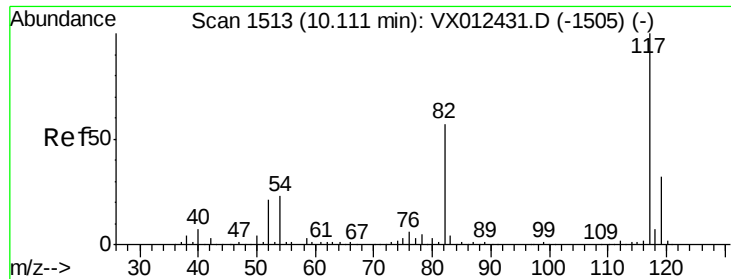
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#62
4-Bromofluorobenzene
Concen: 46.533 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Tgt Ion: 95 Resp: 133253
Ion Ratio Lower Upper
95 100
174 71.3 0.0 140.0
176 68.7 0.0 135.4





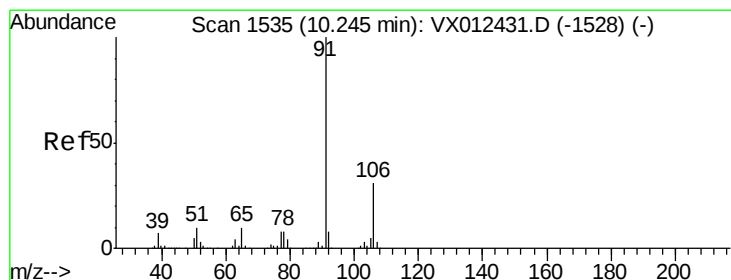
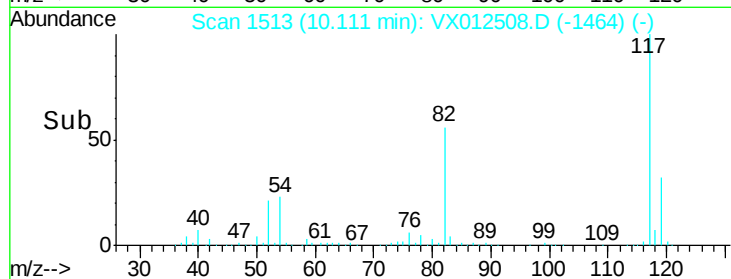
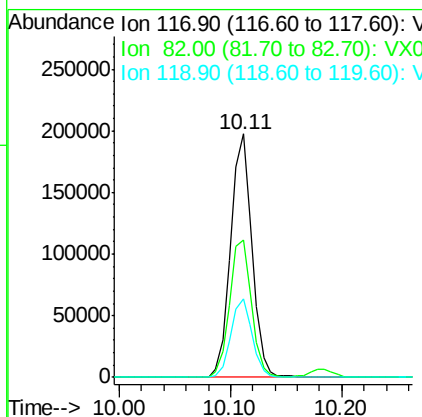
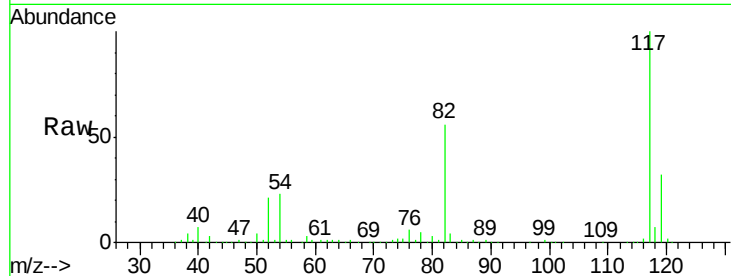
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Instrument :
MSVOA_X
ClientSampled :
Z2-0157

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.9	68.9
119	32.1	25.3	37.9

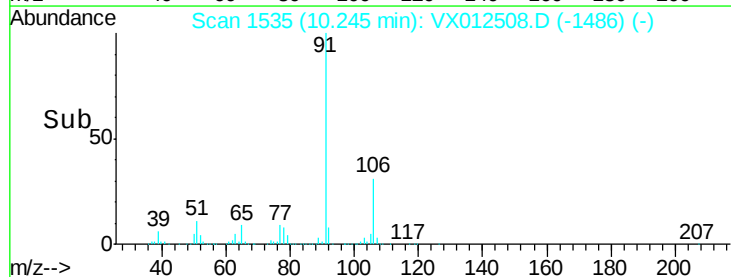
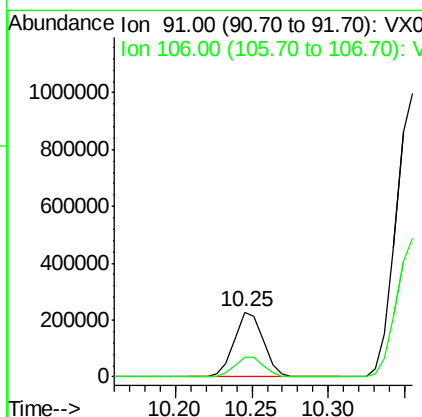
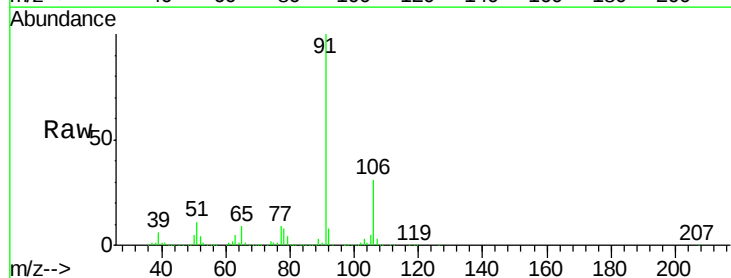
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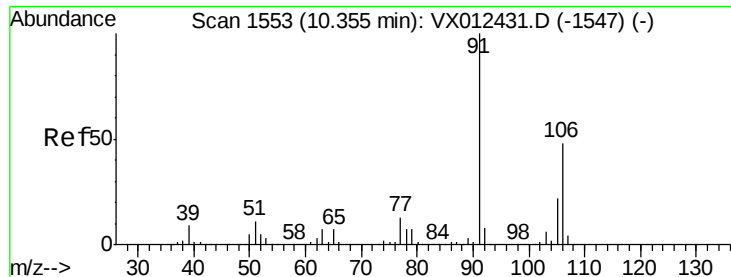
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#67
Ethyl Benzene
Concen: 40.560 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.6	37.0





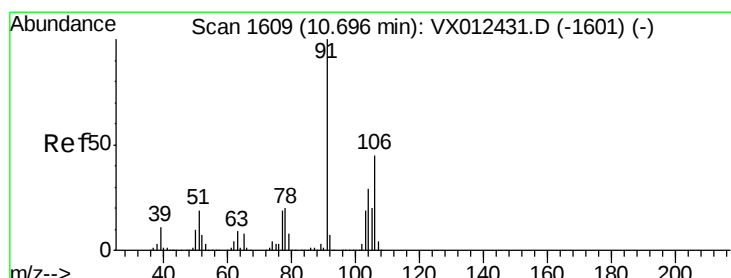
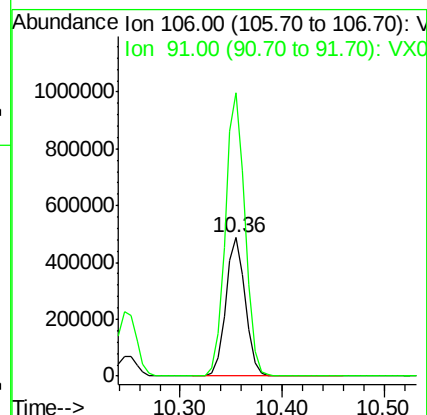
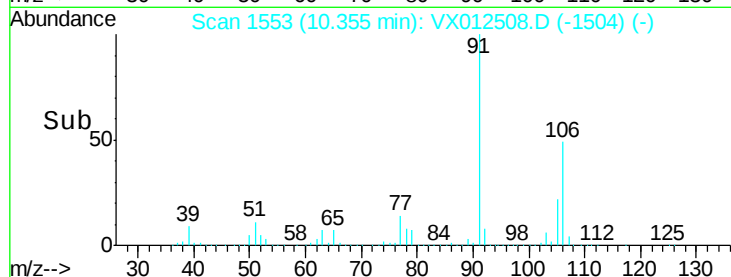
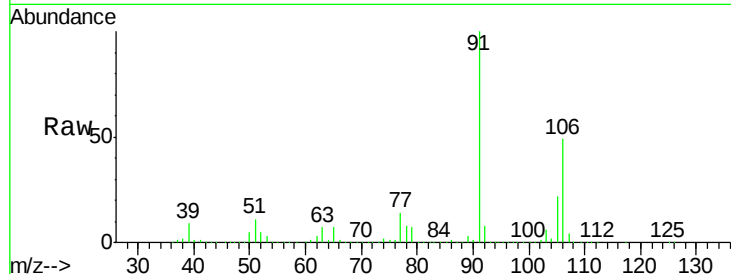
#68
m/p-Xylenes
Concen: 238.960 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Instrument :
MSVOA_X
ClientSampled :
Z2-0157

Tot Ion:106 Resp: 646168
Ion Ratio Lower Upper
106 100
91 206.9 166.6 250.0

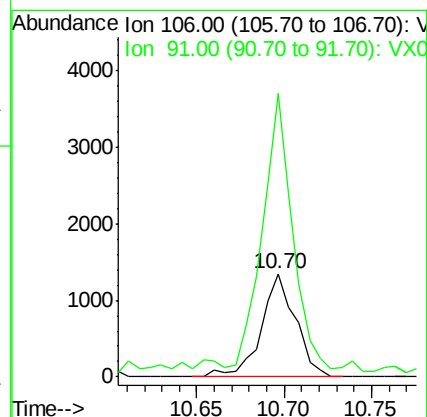
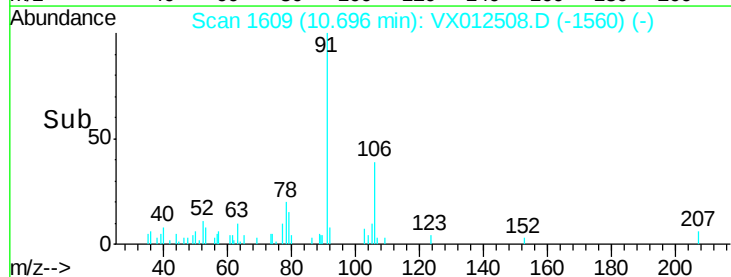
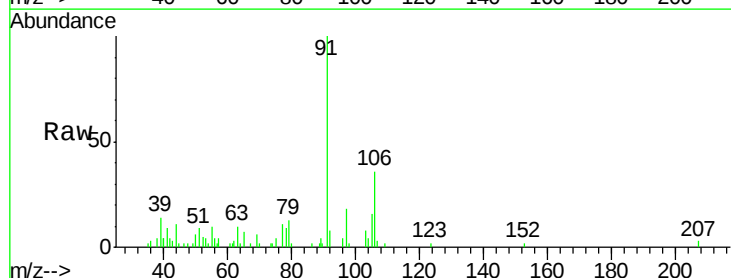
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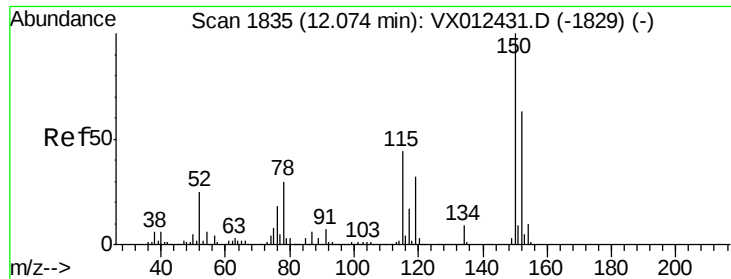
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#69
o-Xylene
Concen: 0.668 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Tgt Ion:106 Resp: 1859
Ion Ratio Lower Upper
106 100
91 229.4 109.4 328.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012508.D

Acq: 19 Sep 2019 05:24

Instrument :

MSVOA_X

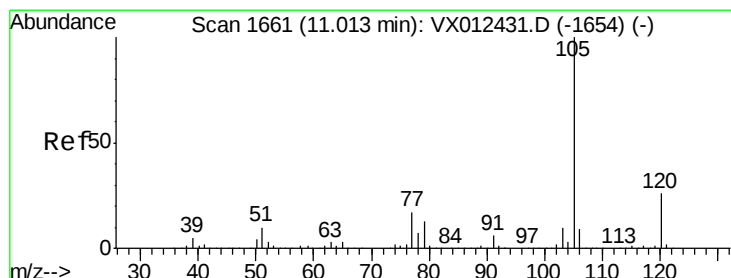
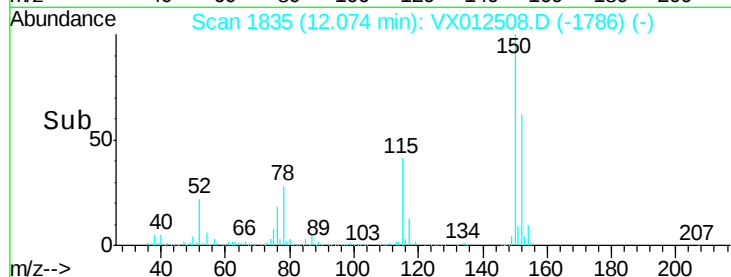
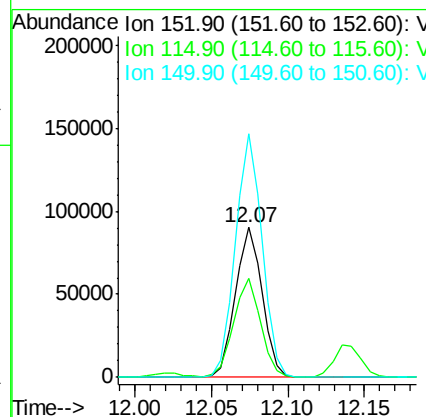
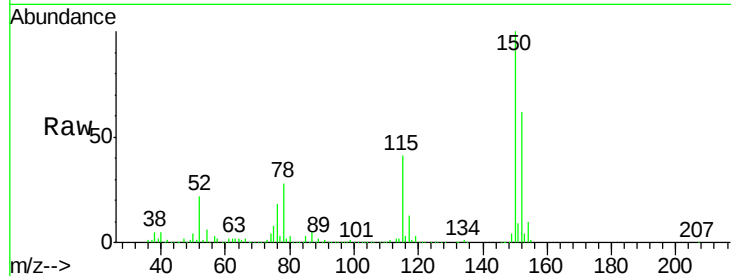
ClientSampleId :

Z2-0157

Tot Ion:	152	Resp:	109755
Ion Ratio	Lower	Upper	
152	100		
115	66.5	44.1	132.3
150	161.0	0.0	343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 51.783 ug/l

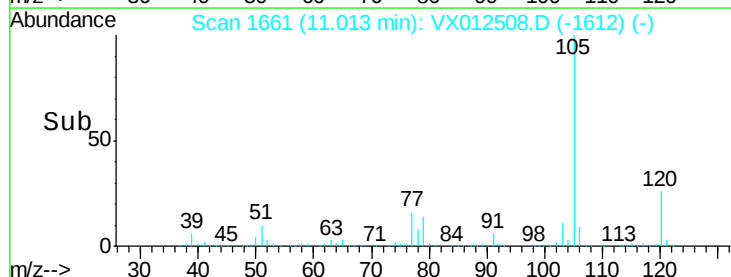
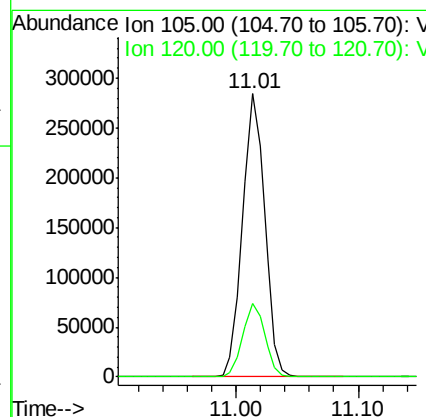
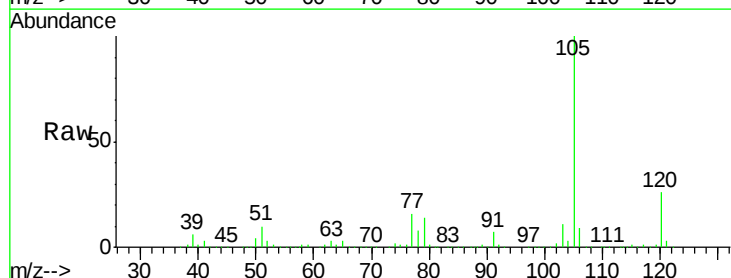
RT: 11.01 min Scan# 1661

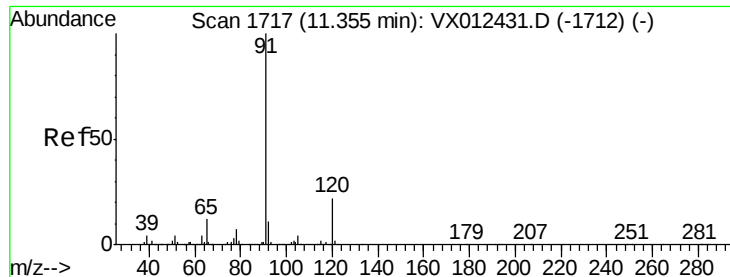
Delta R.T. 0.00 min

Lab File: VX012508.D

Acq: 19 Sep 2019 05:24

Tgt Ion:	105	Resp:	356603
Ion Ratio	Lower	Upper	
105	100		
120	26.0	12.9	38.7





#78

n-propylbenzene

Concen: 46.324 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012508.D

Acq: 19 Sep 2019 05:24

Instrument :

MSVOA_X

ClientSampleId :

Z2-0157

Tot Ion: 91 Resp: 355547

Ion Ratio Lower Upper

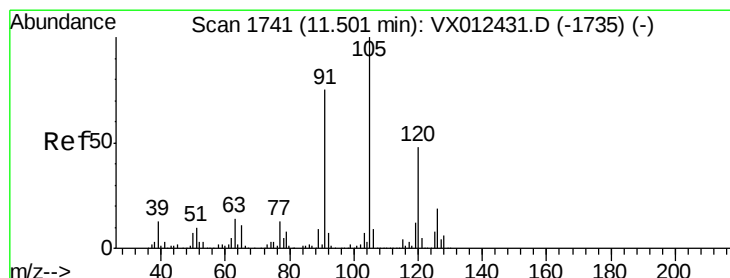
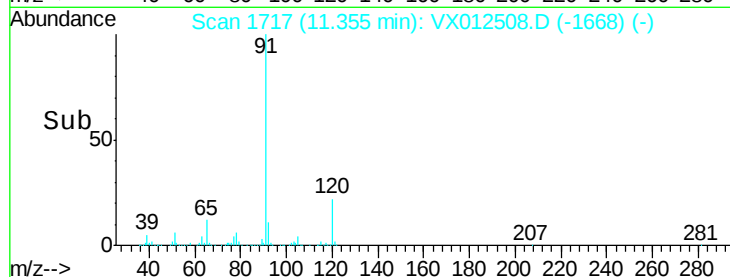
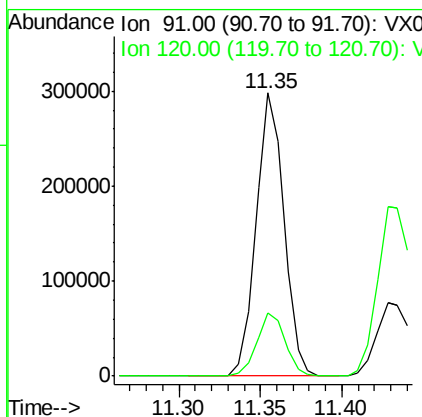
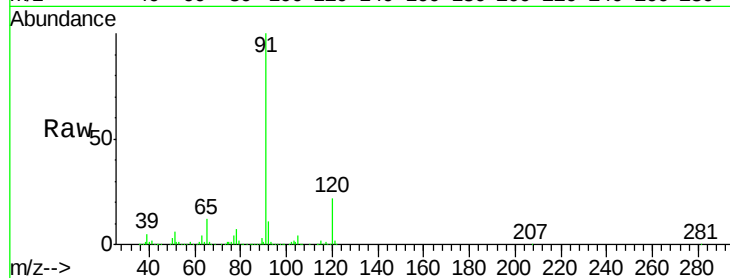
91 100

120 22.6 11.3 33.8

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#80

1,3,5-Trimethylbenzene

Concen: 87.670 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012508.D

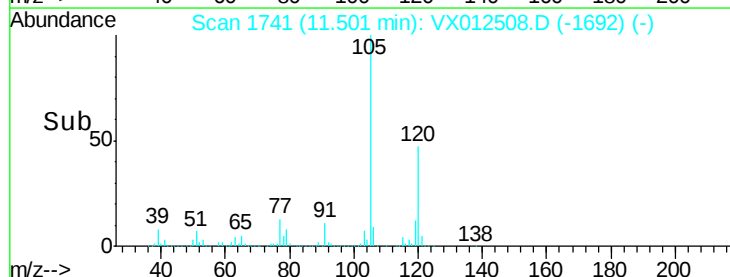
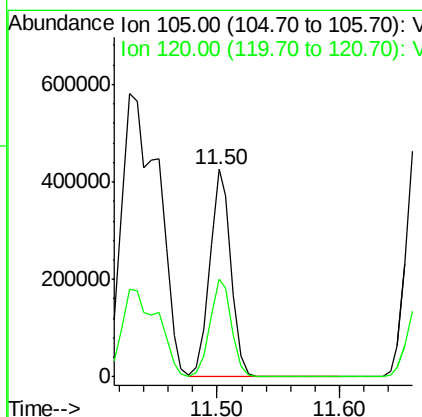
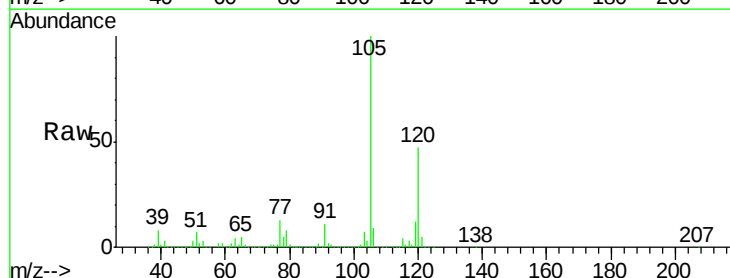
Acq: 19 Sep 2019 05:24

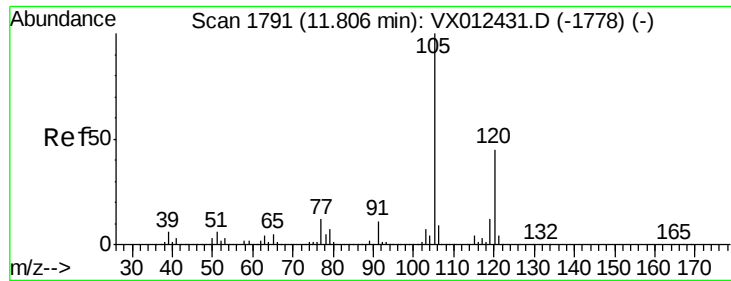
Tgt Ion: 105 Resp: 514893

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8





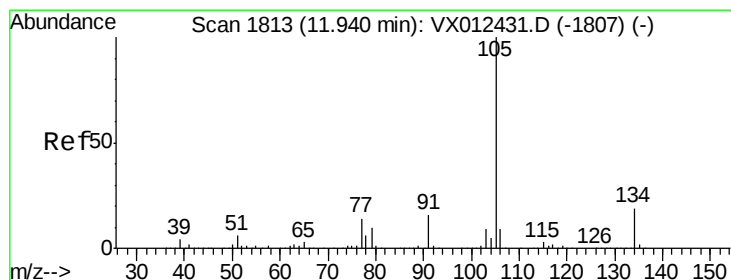
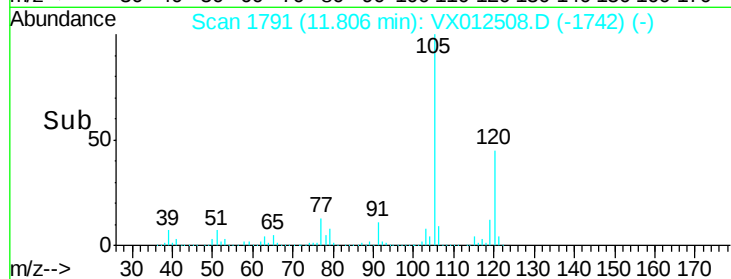
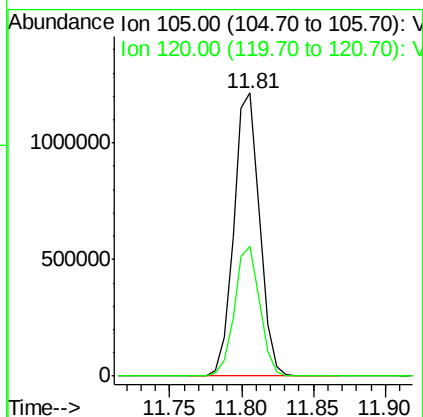
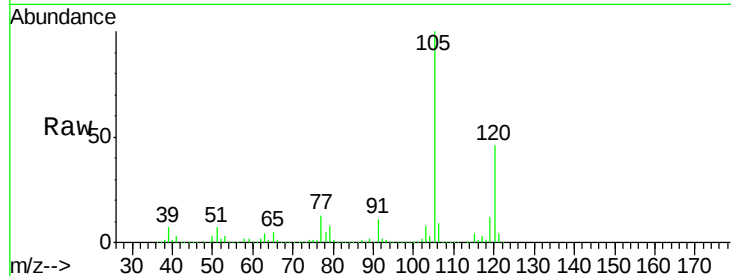
#84
1,2,4-Trimethylbenzene
Concen: 251.613 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Instrument :
MSVOA_X
ClientSampled :
Z2-0157

Tot Ion:105 Resp: 1517296
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6

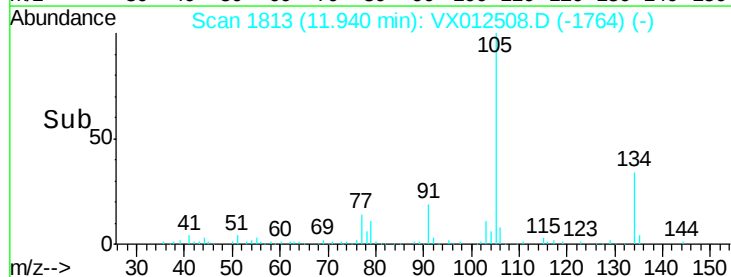
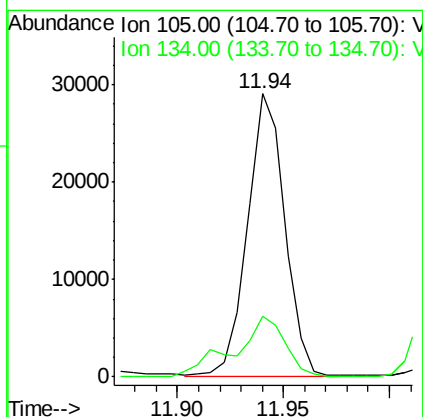
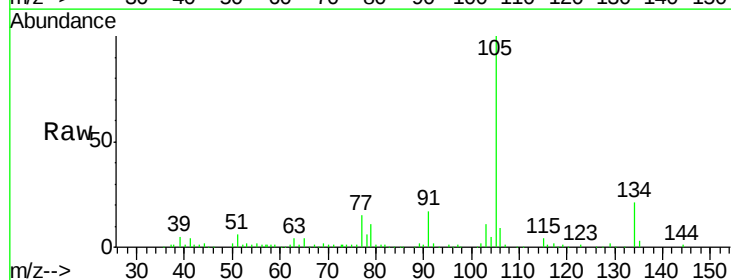
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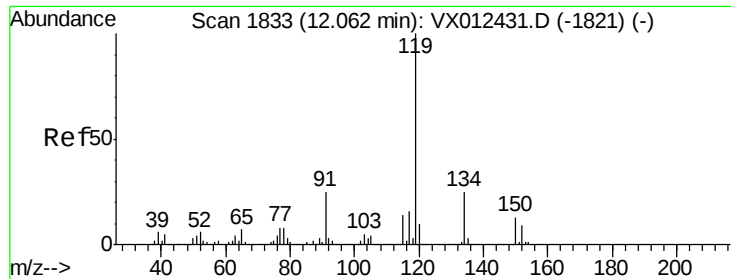
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#85
sec-Butylbenzene
Concen: 5.202 ug/l m
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Tgt Ion:105 Resp: 36073
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.4#





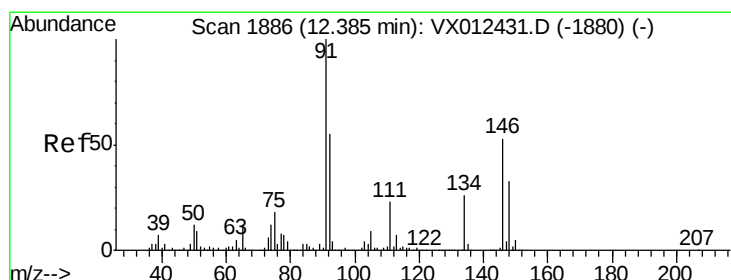
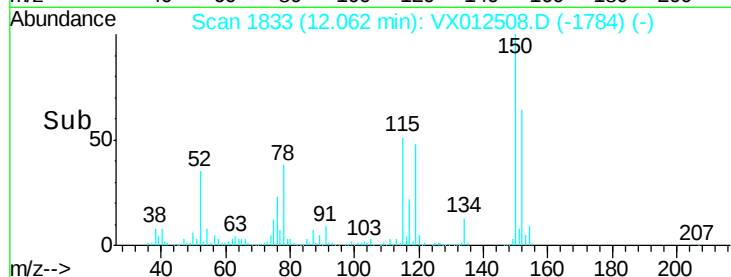
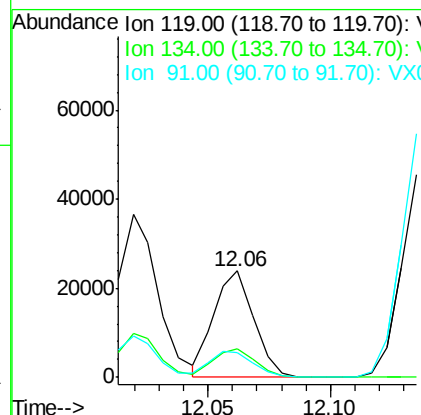
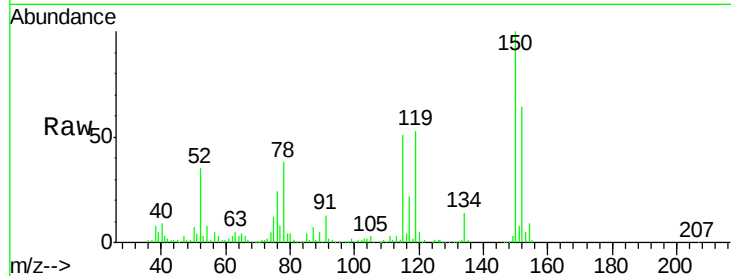
#86
 p-Isopropyltoluene
 Concen: 4.249 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012508.D
 Acq: 19 Sep 2019 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0157

Tot Ion	Ratio	Resp	Lower	Upper
119	100	27055		
134	28.6		12.7	38.1
91	26.3		12.8	38.4

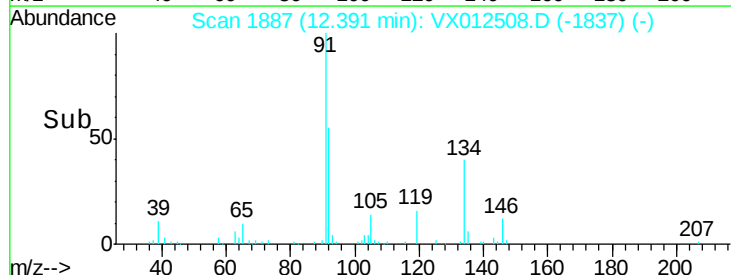
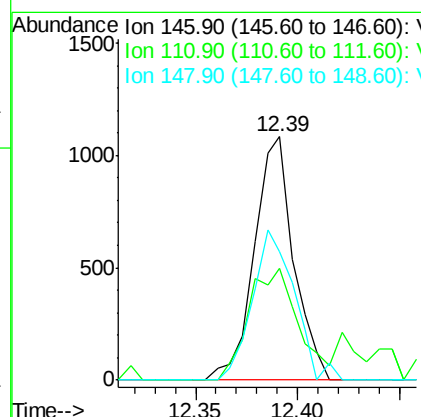
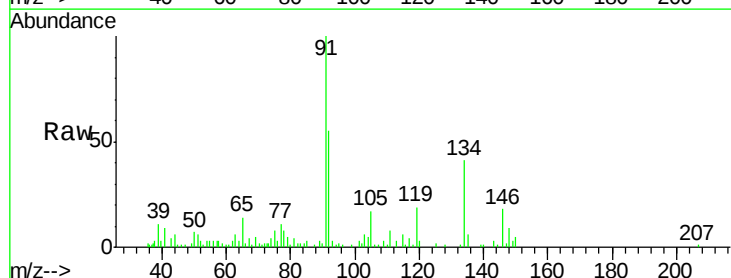
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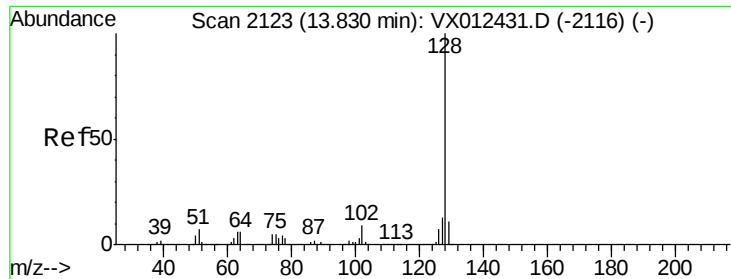
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#91
 1,2-Dichlorobenzene
 Concen: 0.442 ug/l
 RT: 12.39 min Scan# 1887
 Delta R.T. 0.01 min
 Lab File: VX012508.D
 Acq: 19 Sep 2019 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1458		
111	57.7		22.1	66.1
148	65.6		31.3	93.9





#95
Naphthalene
Concen: 26.853 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012508.D
Acq: 19 Sep 2019 05:24

Instrument :
MSVOA_X
ClientSampleId :
Z2-0157

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.3	8.8	13.2

Manual Integrations
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