

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082318\
 Data File : VX004225.D
 Acq On : 23 Aug 2018 14:33
 Operator : JC/MD
 Sample : J4579-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0543

Manual Integrations
 APPROVED

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 8/24/2018 11:35:33 AM

Quant Time: Aug 24 07:21:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	322262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	501396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	424912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	279810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	203948	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	174721	46.84	ug/l	0.00
Spiked Amount			Recovery	=	93.68%	
50) Toluene-d8	8.71	98	714089	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.14	95	259142	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.57	56	2884524	489.83	ug/l	99
39) Methylcyclohexane	7.46	83	2463284	382.75	ug/l	99
52) Toluene	8.79	92	445652	42.27	ug/l	100
67) Ethyl Benzene	10.26	91	3702471	213.78	ug/l	96
68) m/p-Xylenes	10.36	106	5244023	774.36	ug/l	92
69) o-Xylene	10.70	106	1578830	246.47	ug/l	97
73) Isopropylbenzene	11.02	105	877769	47.76	ug/l	100
78) n-propylbenzene	11.36	91	1742458	82.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	3695502	242.82	ug/l	100
83) tert-Butylbenzene	11.77	119	77426	5.06	ug/l	87
84) 1,2,4-Trimethylbenzene	11.81	105	8354420	534.78	ug/l	93
85) sec-Butylbenzene	11.95	105	129630m	7.13	ug/l	
86) p-Isopropyltoluene	12.07	119	131995	8.10	ug/l	98
95) Naphthalene	13.83	128	1538508	84.28	ug/l	99

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

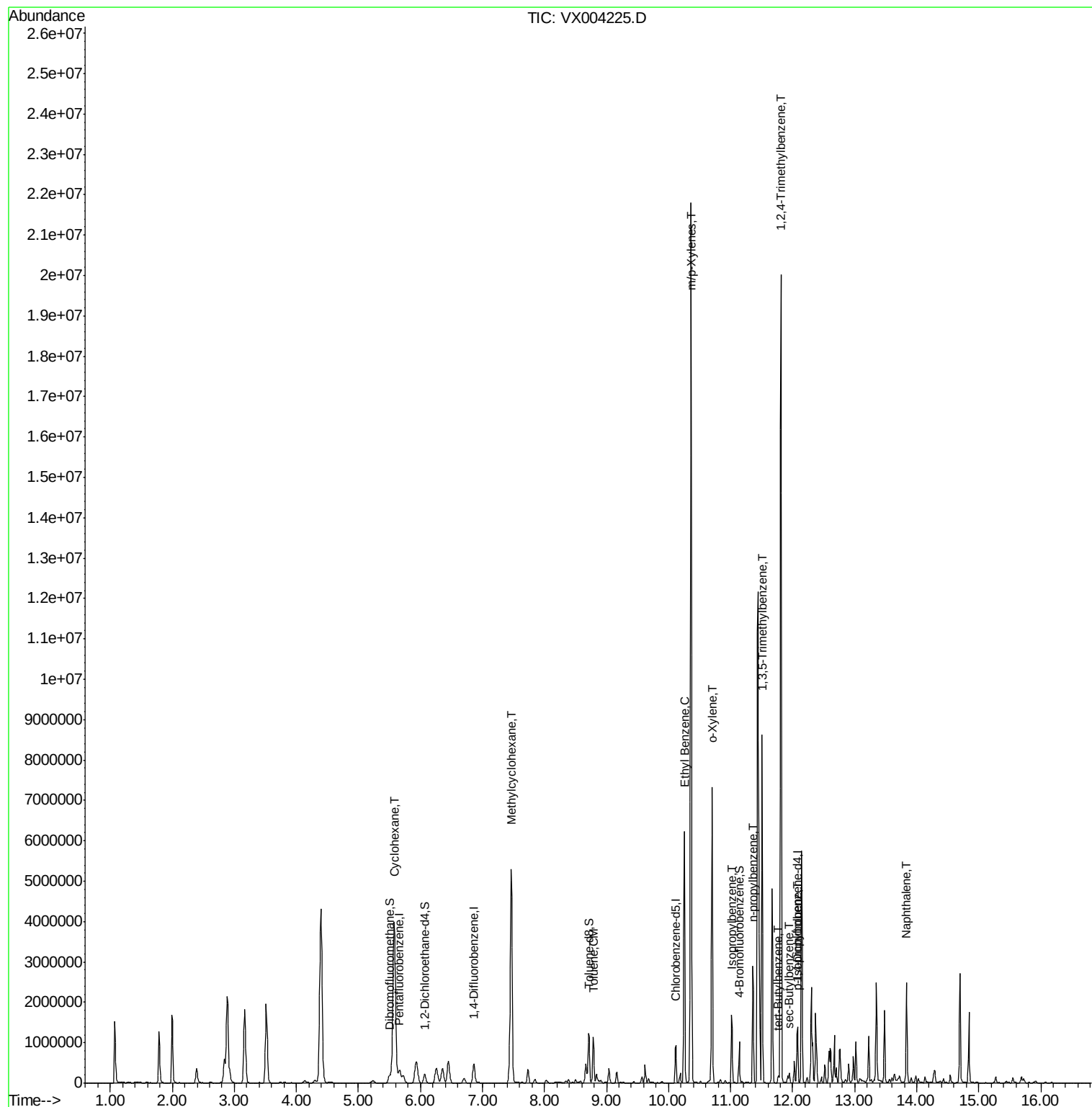
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX082318\
Data File : VX004225.D
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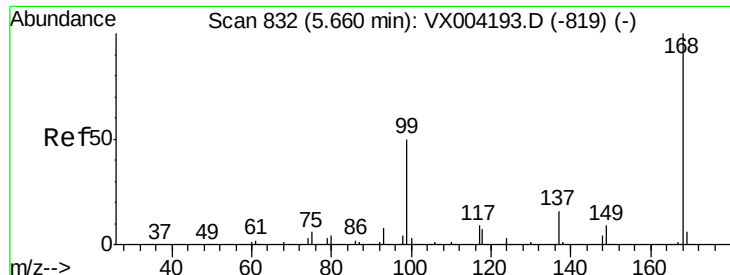
Instrument :
MSVOA_X
ClientSampleId :
FL-0543

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Quant Time: Aug 24 07:21:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
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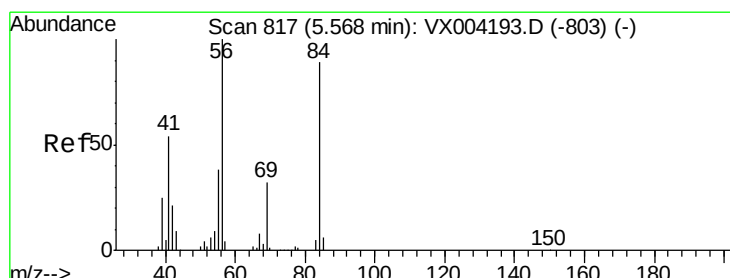
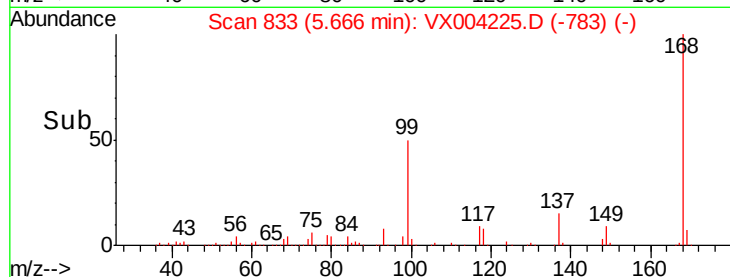
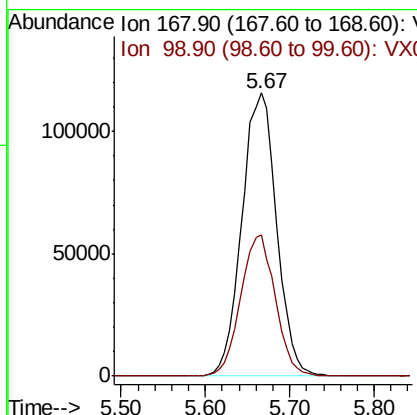
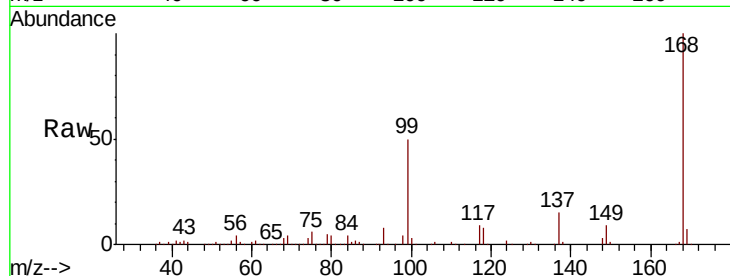
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Instrument :
MSVOA_X
ClientSampled :
FL-0543

Tot Ion	Ratio	Resp	Lower	Upper
168	100	322262		
99	49.8	39.9	59.9	

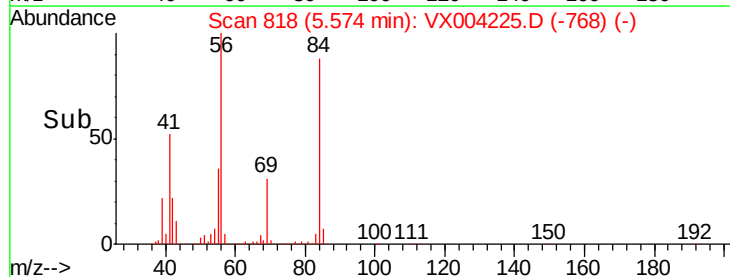
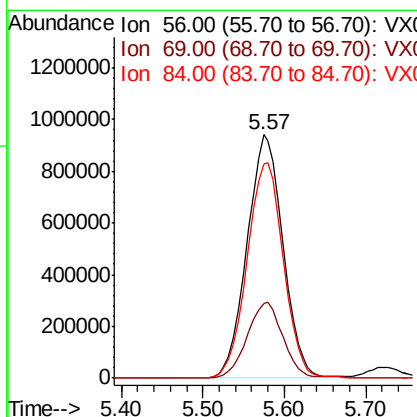
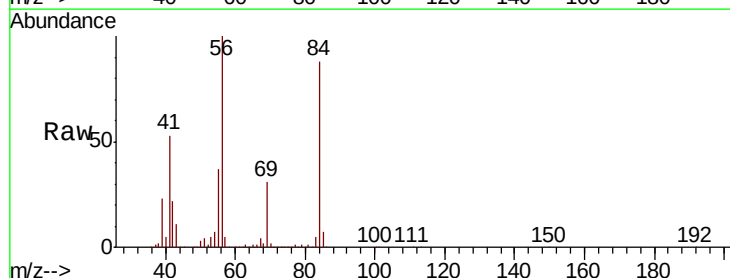
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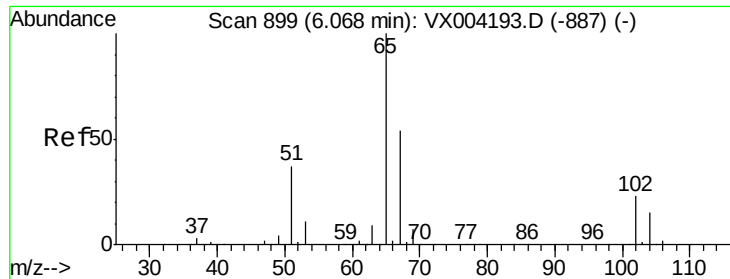
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#31
Cyclohexane
Concen: 489.83 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	2884524		
69	30.9	25.4	38.2	
84	88.0	71.4	107.2	





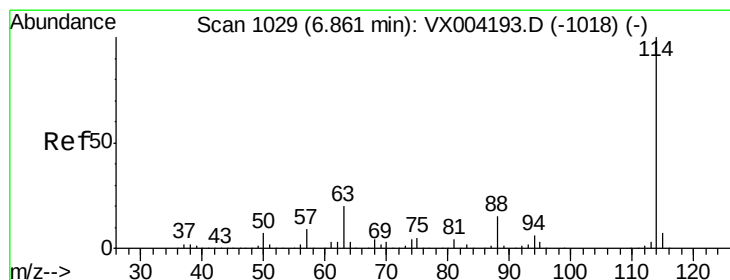
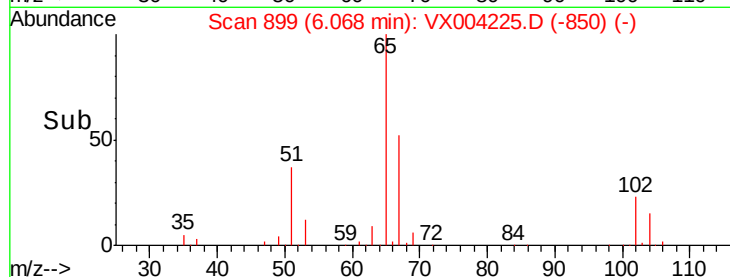
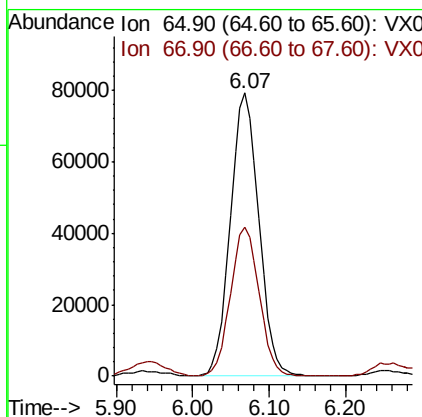
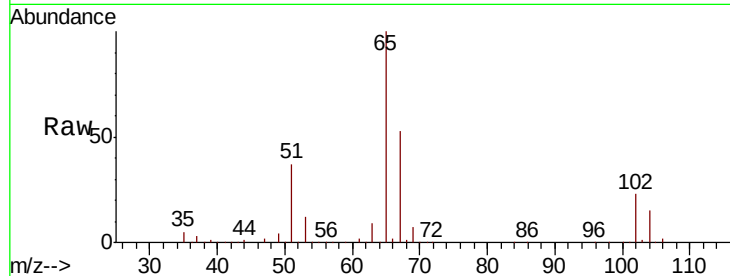
#33
 1,2-Dichloroethane-d4
 Concen: 48.56 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004225.D
 Acq: 23 Aug 2018 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0543

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203948		
67	52.7	0.0	106.8	

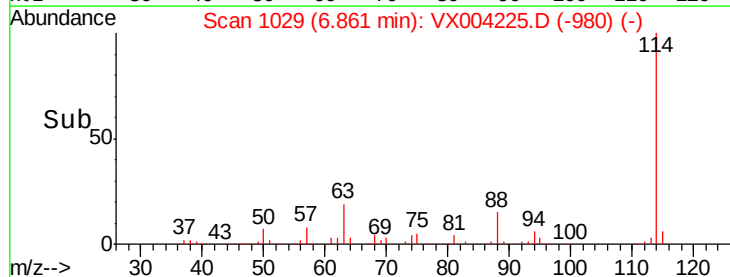
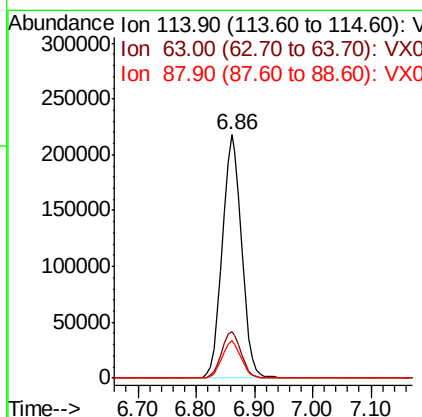
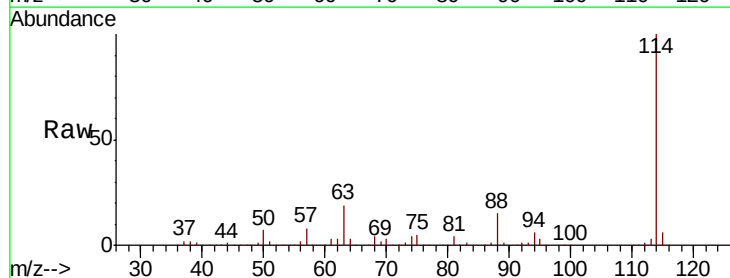
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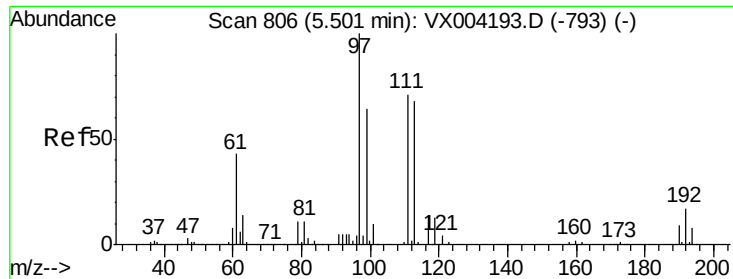
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004225.D
 Acq: 23 Aug 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	501396		
63	18.9	0.0	39.0	
88	15.3	0.0	30.4	





#35

Dibromofluoromethane

Concen: 46.84 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004225.D

Acq: 23 Aug 2018 14:33

Instrument :

MSVOA_X

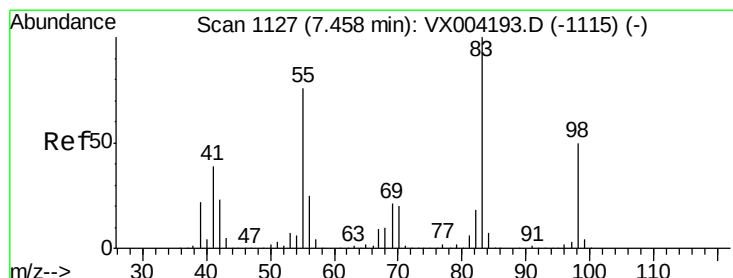
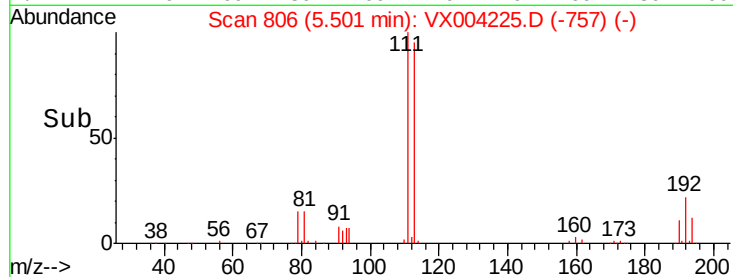
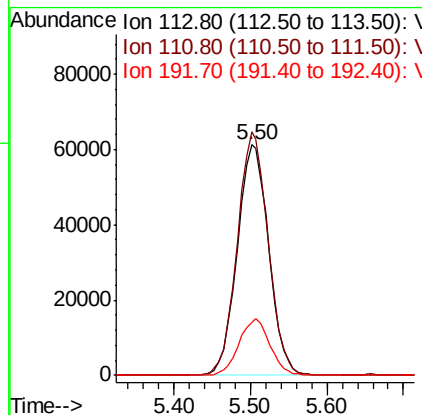
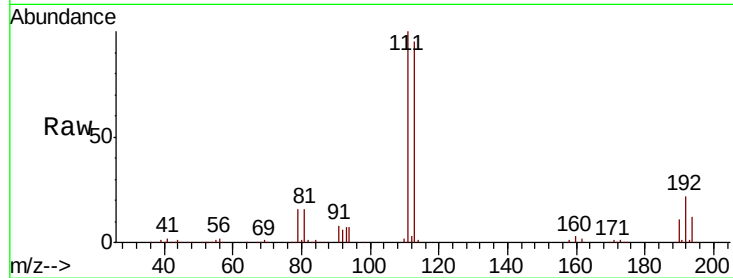
ClientSampleId :

FL-0543

Tot Ion:	113	Resp:	174721
Ion Ratio	Lower	Upper	
113	100		
111	103.5	82.4	123.6
192	24.2	19.4	29.2

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#39

Methylcyclohexane

Concen: 382.75 ug/l

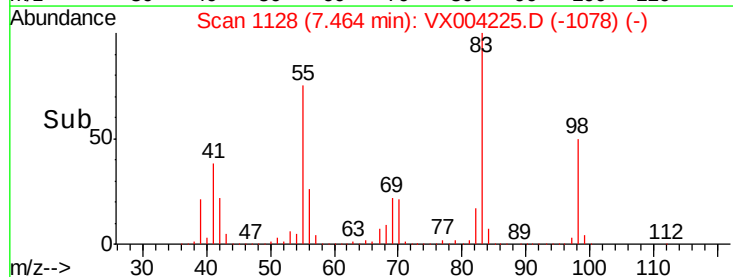
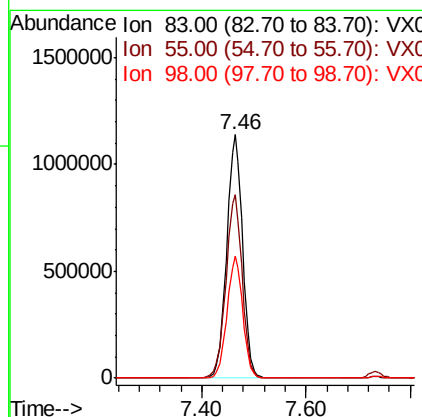
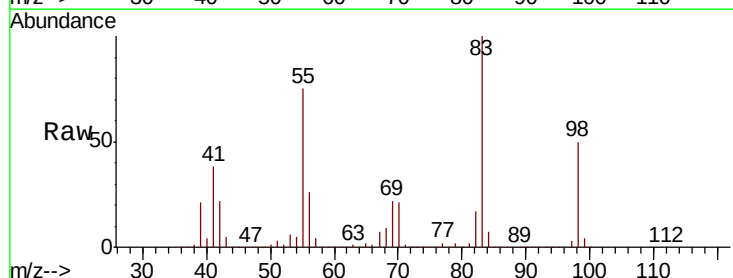
RT: 7.46 min Scan# 1128

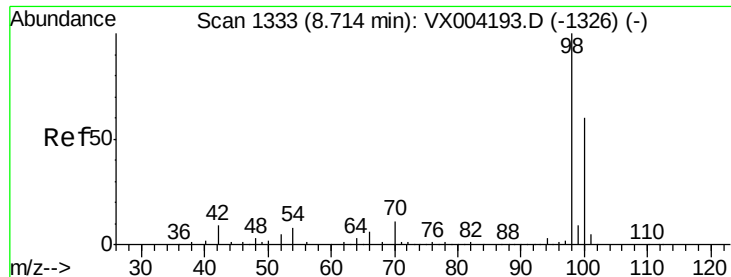
Delta R.T. 0.01 min

Lab File: VX004225.D

Acq: 23 Aug 2018 14:33

Tgt Ion:	83	Resp:	2463284
Ion Ratio	Lower	Upper	
83	100		
55	75.4	61.0	91.4
98	49.9	39.6	59.4





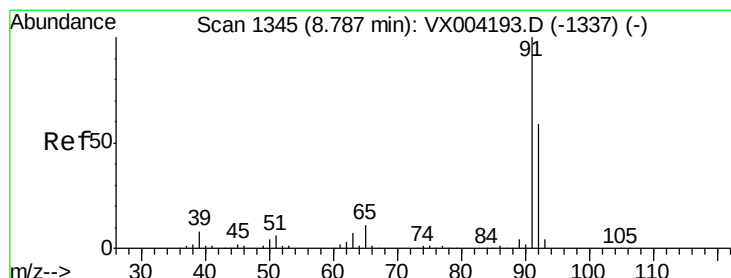
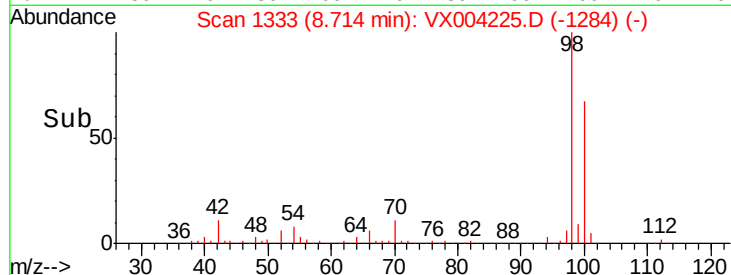
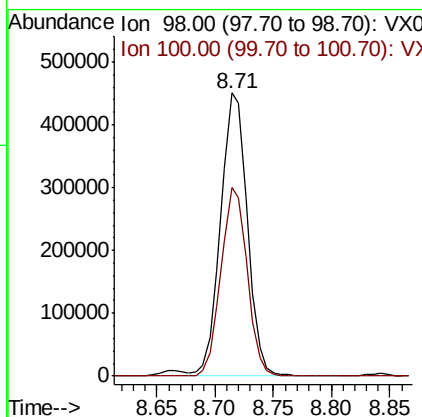
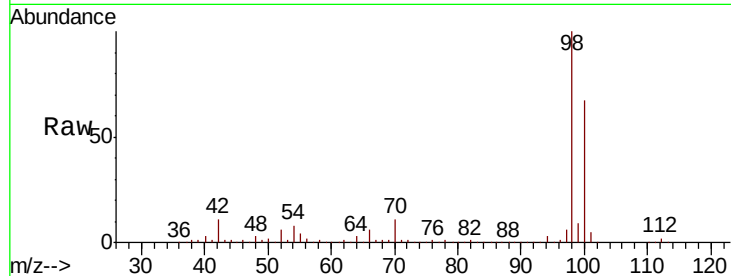
#50
Toluene-d8
Concen: 50.72 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Instrument :
MSVOA_X
ClientSampleId :
FL-0543

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	65.7	52.9	79.3	

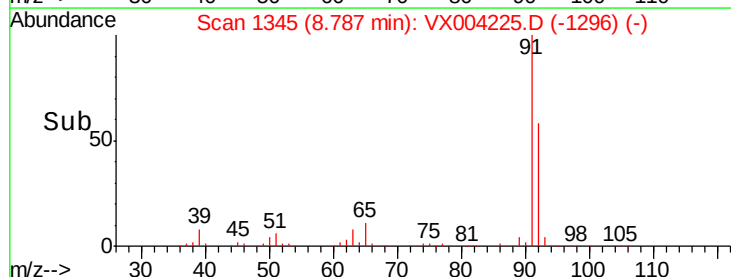
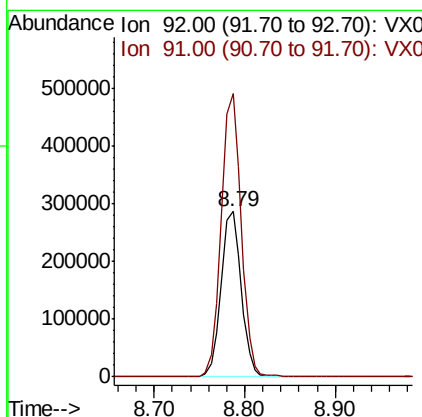
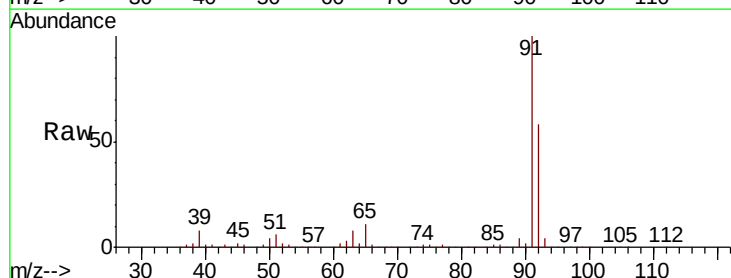
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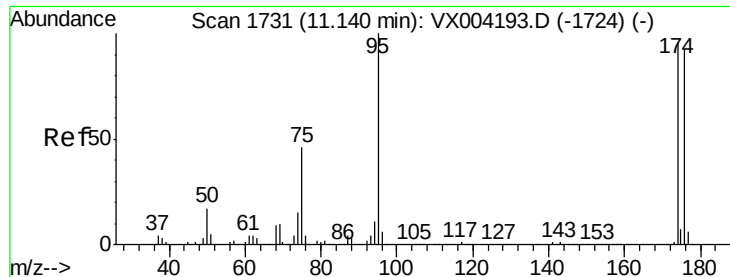
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#52
Toluene
Concen: 42.27 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Tgt Ion	Ion	Ratio	Lower	Upper
92	100			
91	169.8	136.4	204.6	





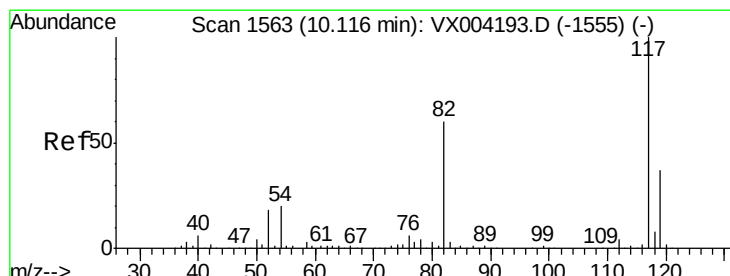
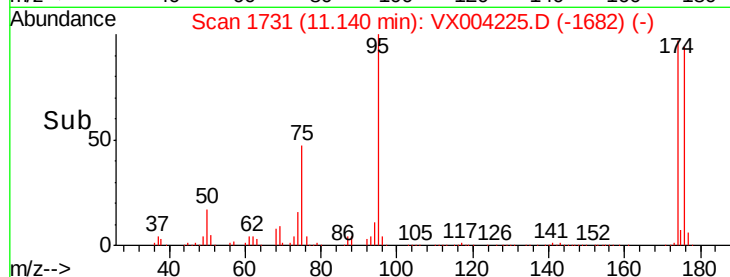
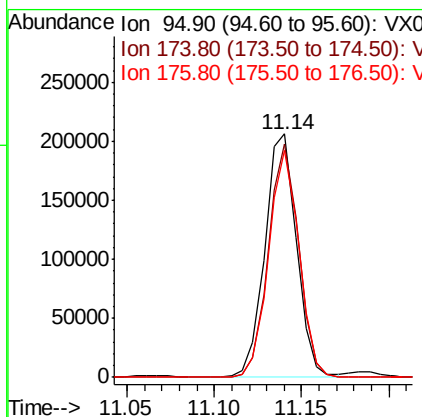
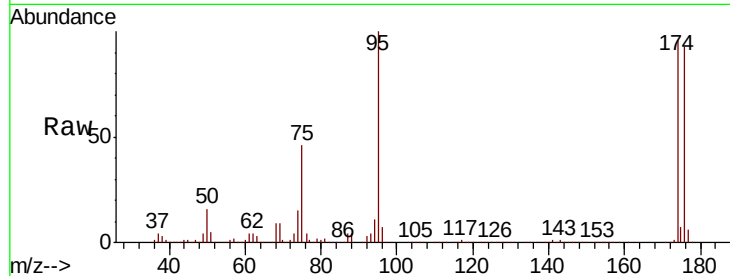
#62
4-Bromofluorobenzene
Concen: 49.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Instrument :
MSVOA_X
ClientSampled :
FL-0543

Tot Ion	Ratio	Resp	Lower	Upper
95	100	259142		
174	92.0	0.0	185.2	
176	89.5	0.0	178.6	

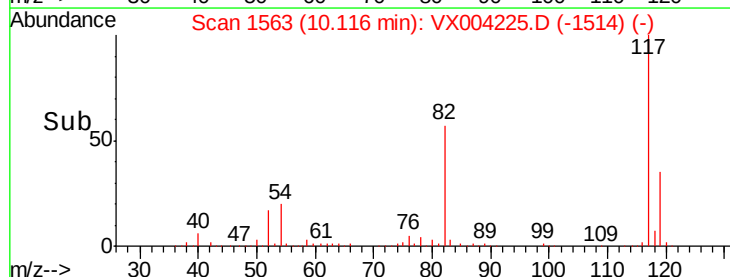
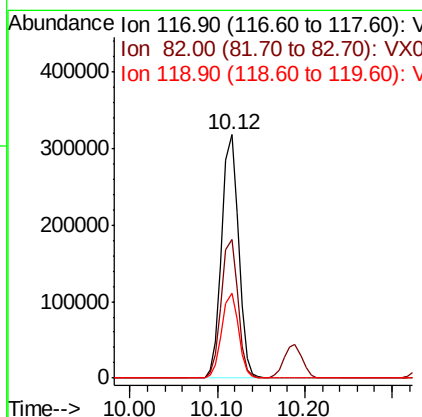
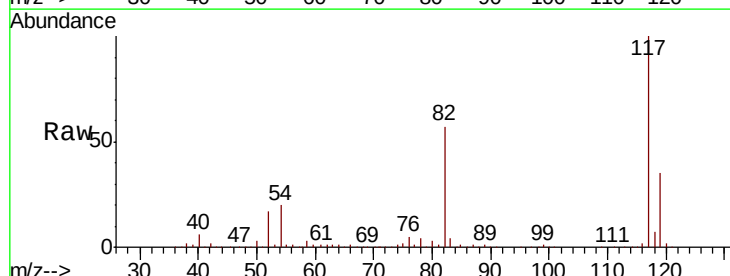
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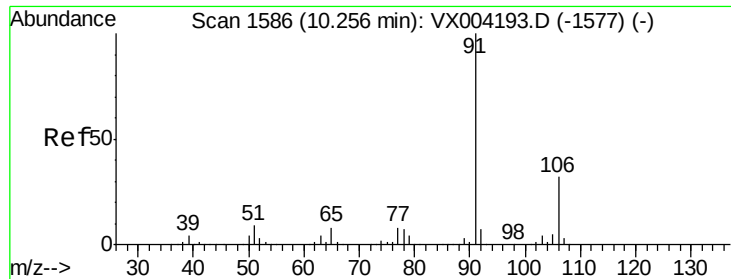
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	424912		
82	57.0	47.8	71.6	
119	35.0	29.3	43.9	





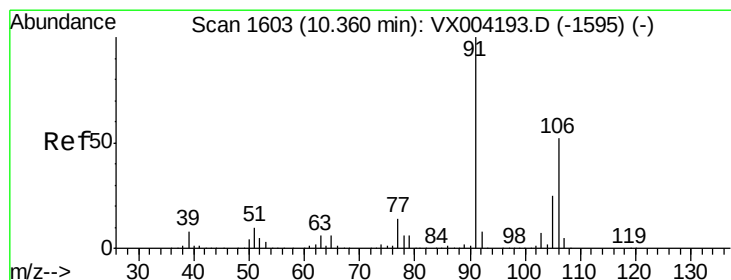
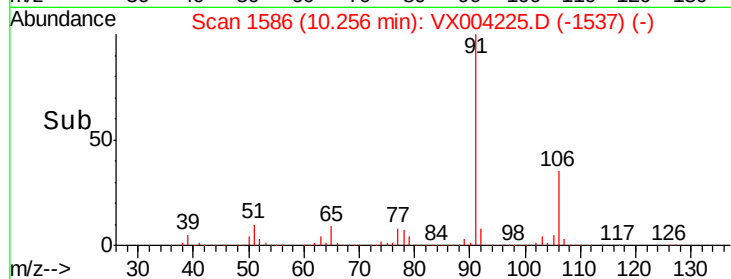
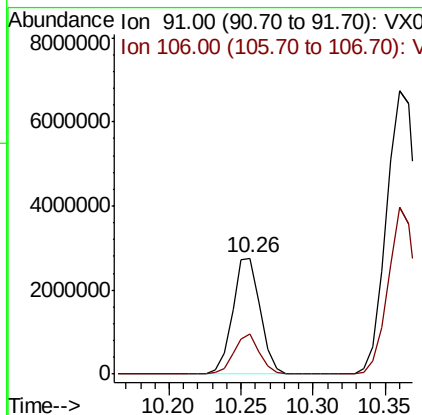
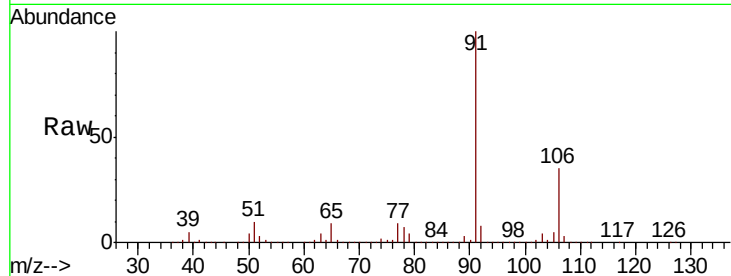
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Ethyl Benzene
Concen: 213.78 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Instrument :
MSVOA_X
ClientSampleId :
FL-0543

Tot Ion: 91 Resp: 3702471
Ion Ratio Lower Upper
91 100
106 34.5 25.9 38.9

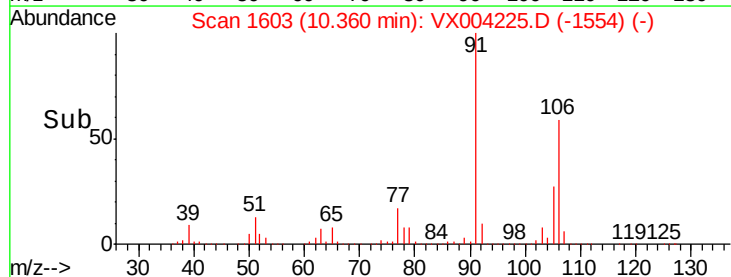
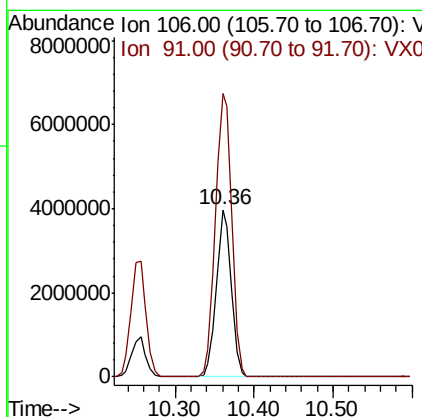
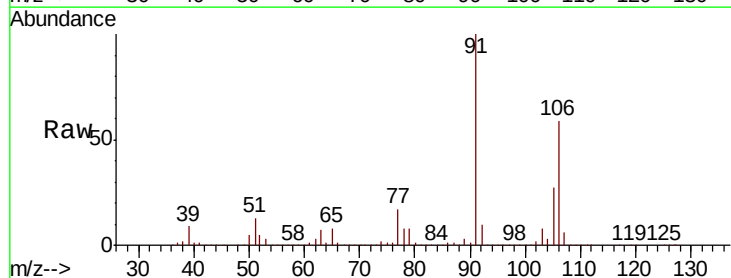
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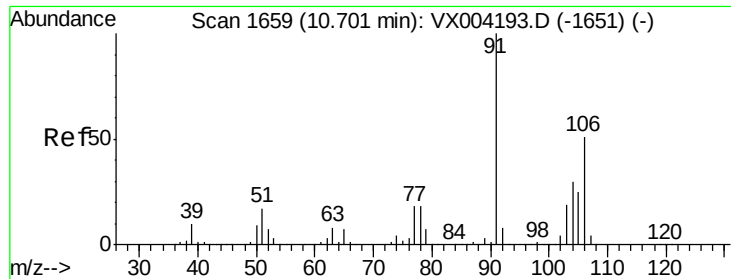
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#68
m/p-Xylenes
Concen: 774.36 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Tgt Ion: 106 Resp: 5244023
Ion Ratio Lower Upper
106 100
91 185.1 157.1 235.7





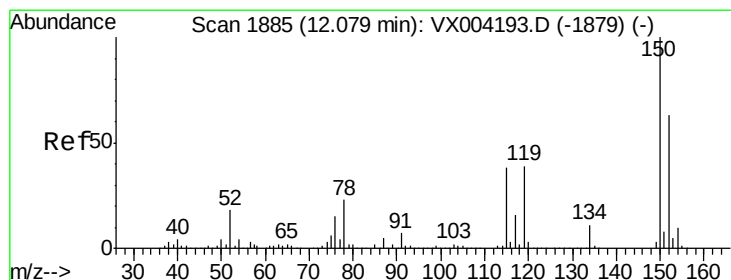
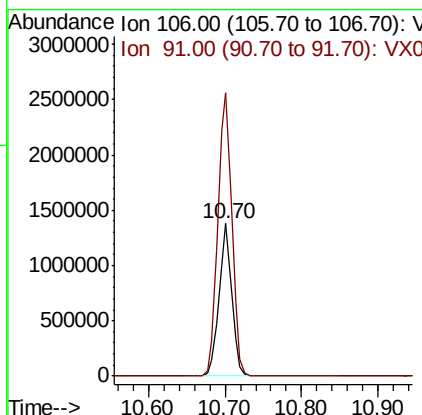
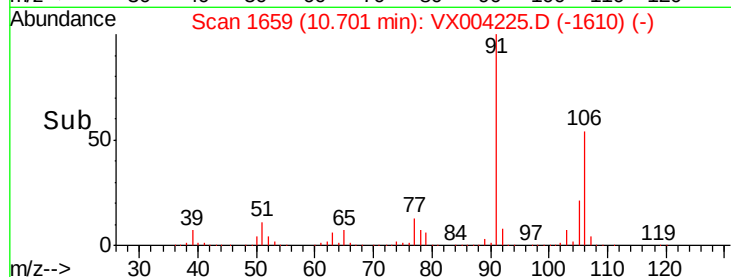
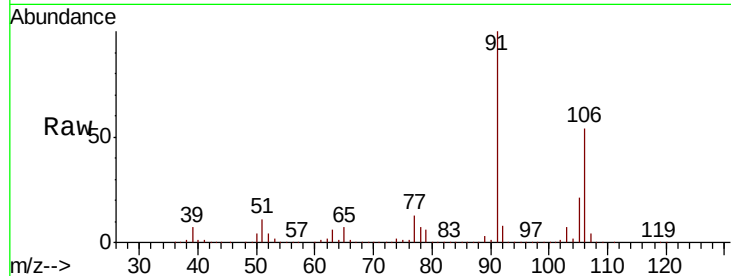
#69
o-Xylene
Concen: 246.47 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Instrument :
MSVOA_X
ClientSampled :
FL-0543

Tot Ion:106 Resp: 1578830
Ion Ratio Lower Upper
106 100
91 204.9 105.1 315.1

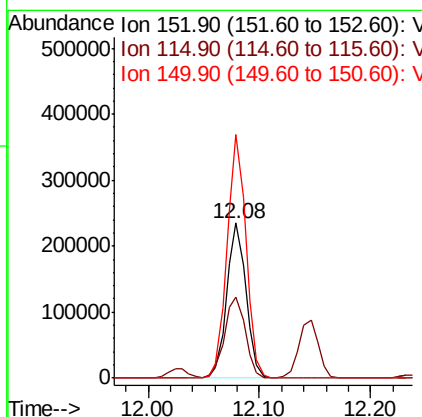
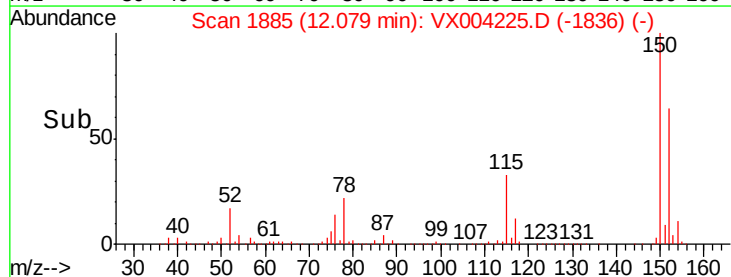
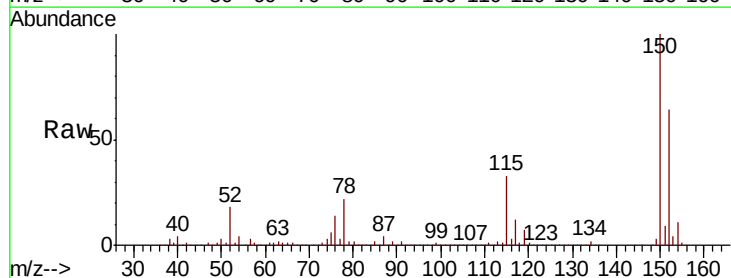
Manual Integrations
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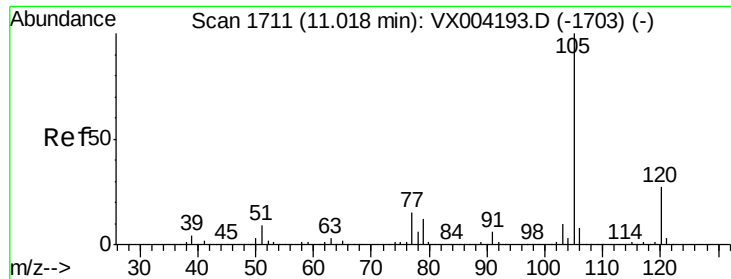
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8/24/2018 11:35:33 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Tgt Ion:152 Resp: 279810
Ion Ratio Lower Upper
152 100
115 57.0 39.0 117.0
150 154.9 0.0 351.0





#73

Isopropylbenzene

Concen: 47.76 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004225.D

Acq: 23 Aug 2018 14:33

Instrument :

MSVOA_X

ClientSampled :

FL-0543

Tot Ion: 105 Resp: 877769

Ion Ratio Lower Upper

105 100

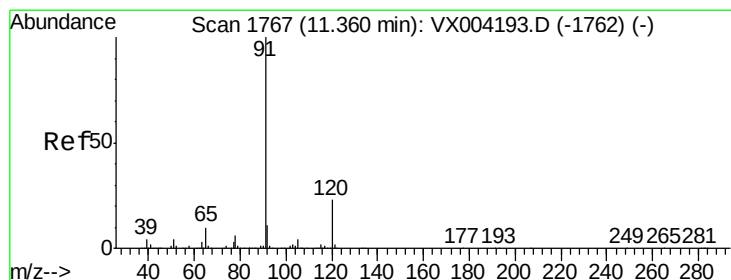
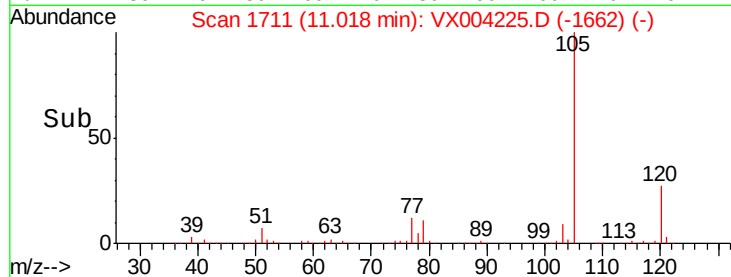
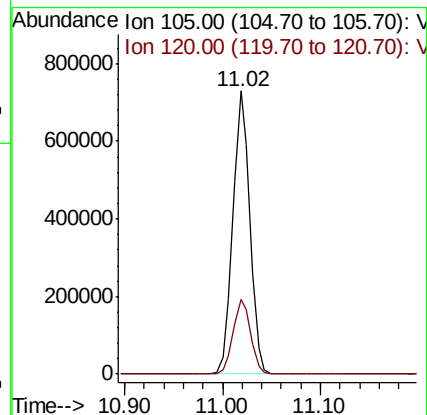
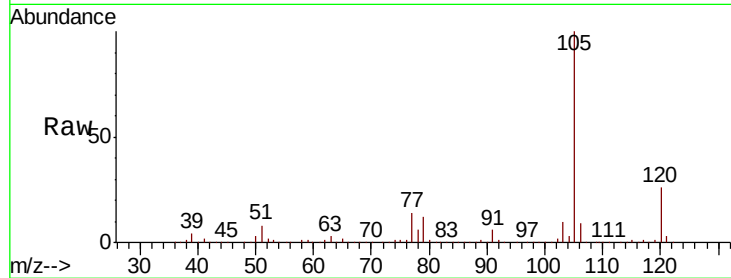
120 27.1 13.5 40.4

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#78

n-propylbenzene

Concen: 82.44 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004225.D

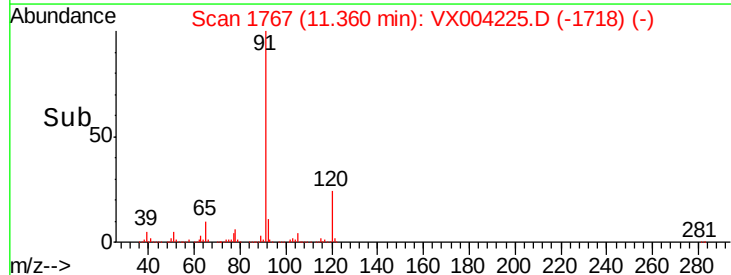
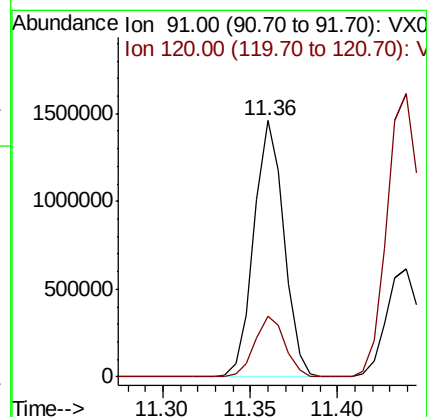
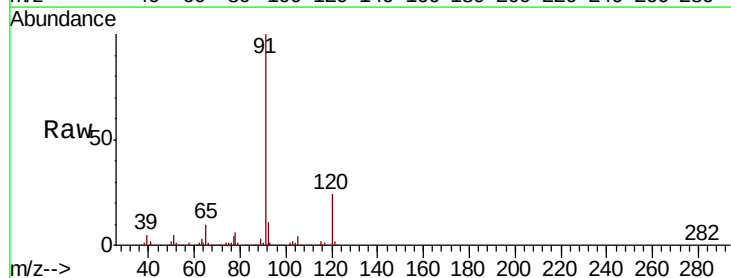
Acq: 23 Aug 2018 14:33

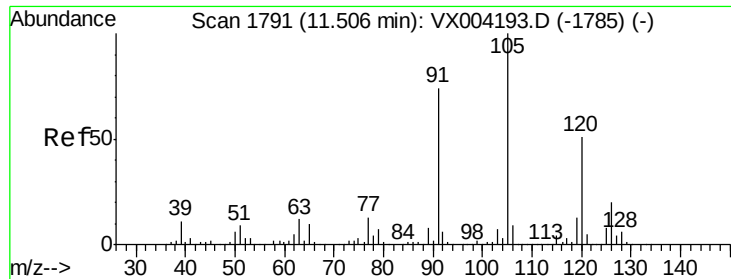
Tgt Ion: 91 Resp: 1742458

Ion Ratio Lower Upper

91 100

120 23.8 11.9 35.9





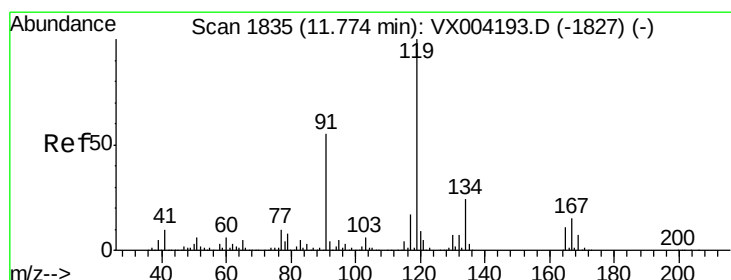
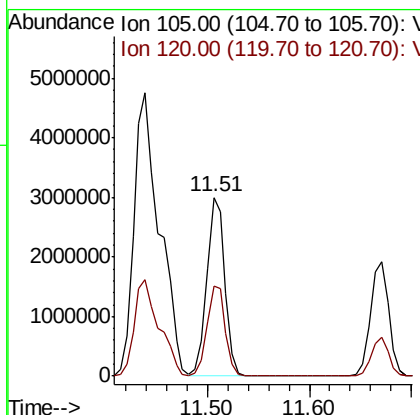
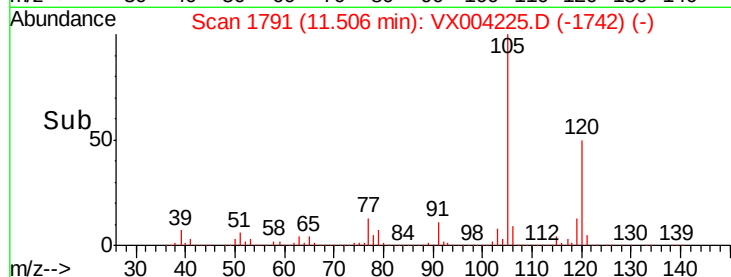
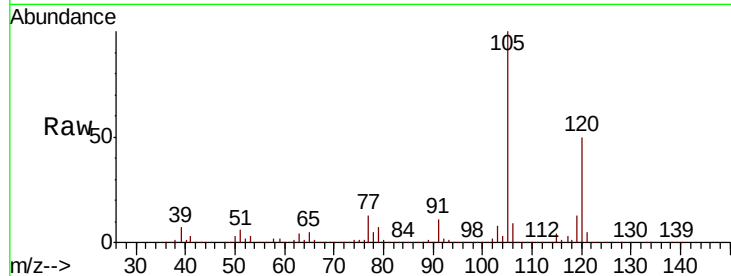
#80
 1,3,5-Trimethylbenzene
 Concen: 242.82 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004225.D
 Acq: 23 Aug 2018 14:33

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0543

Tot Ion:105 Resp: 3695502
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.6 76.8

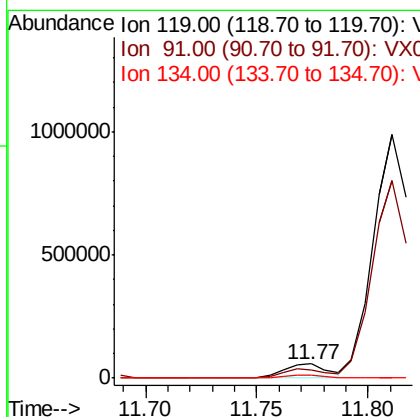
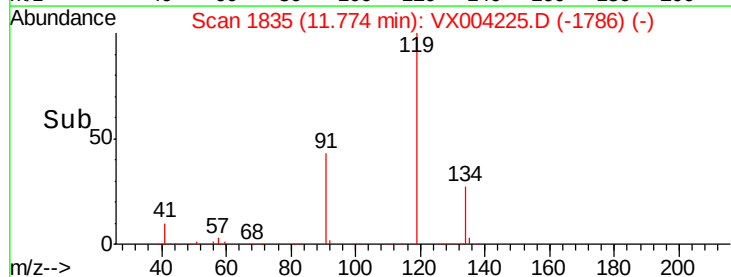
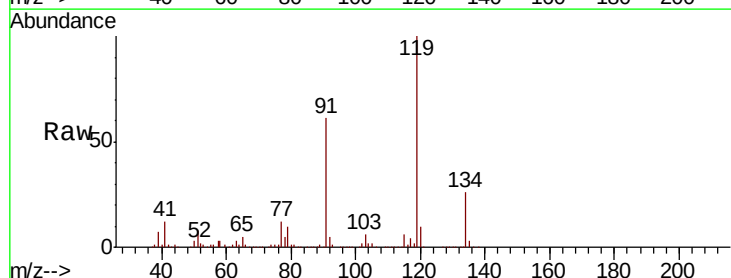
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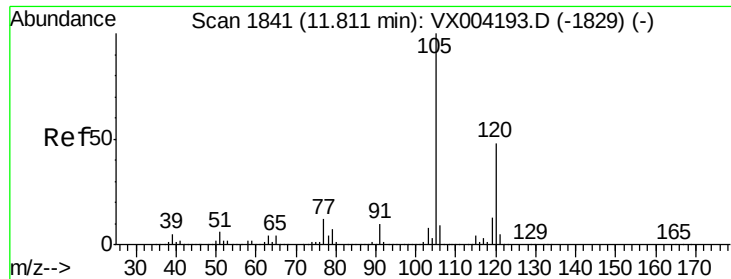
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#83
 tert-Butylbenzene
 Concen: 5.06 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004225.D
 Acq: 23 Aug 2018 14:33

Tgt Ion:119 Resp: 77426
 Ion Ratio Lower Upper
 119 100
 91 65.4 27.0 81.0
 134 25.8 11.7 35.1





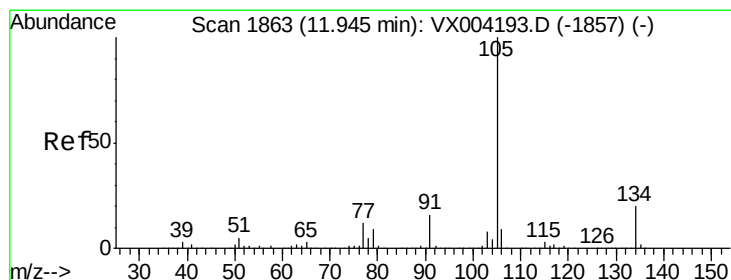
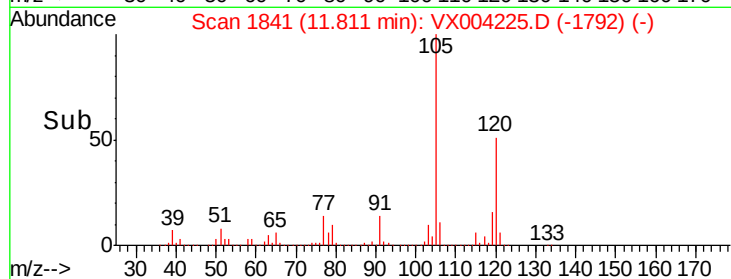
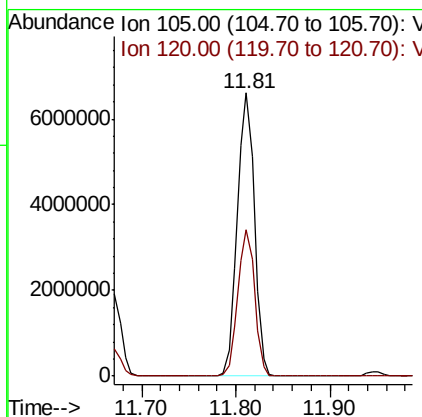
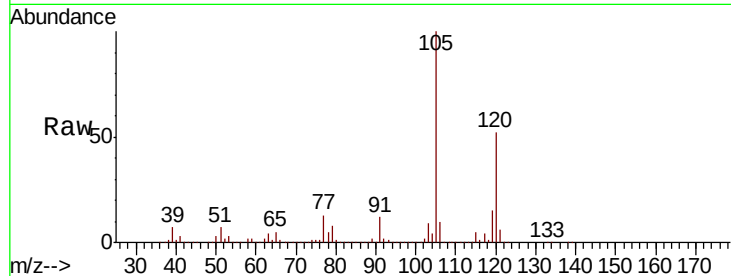
#84
1,2,4-Trimethylbenzene
Concen: 534.78 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Instrument :
MSVOA_X
ClientSampled :
FL-0543

Tot Ion:105 Resp: 8354420
Ion Ratio Lower Upper
105 100
120 50.9 23.2 69.6

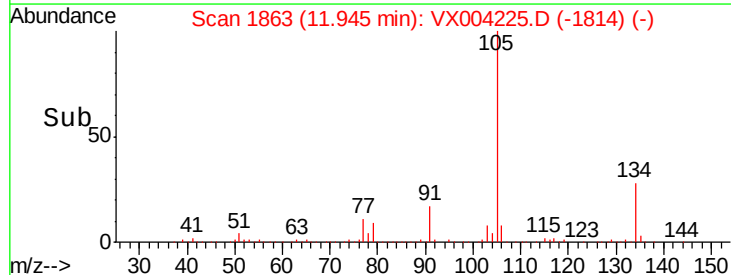
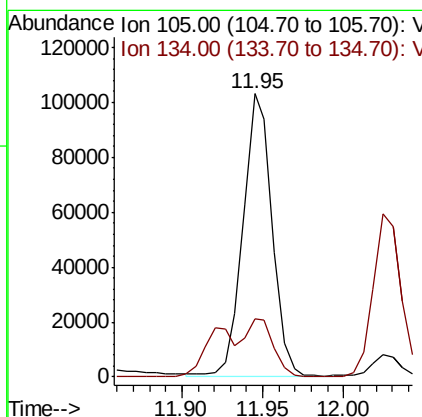
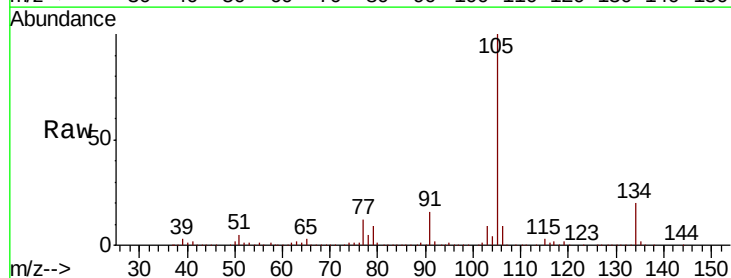
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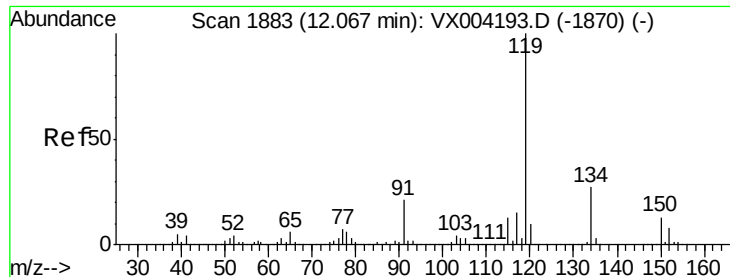
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#85
sec-Butylbenzene
Concen: 7.13 ug/l m
RT: 11.95 min Scan# 1863
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Tgt Ion:105 Resp: 129630
Ion Ratio Lower Upper
105 100
134 0.0 10.5 31.5#





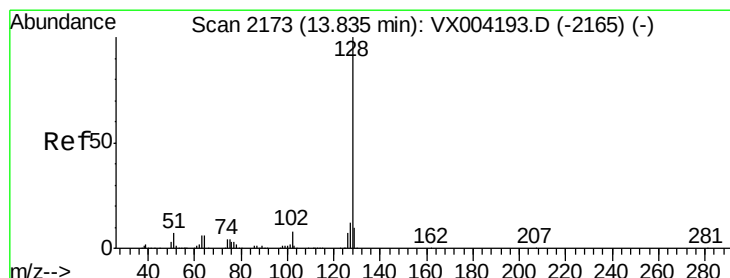
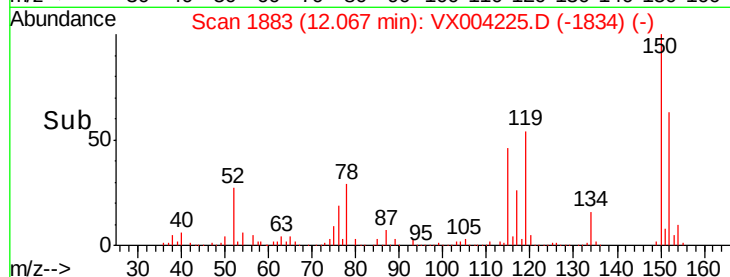
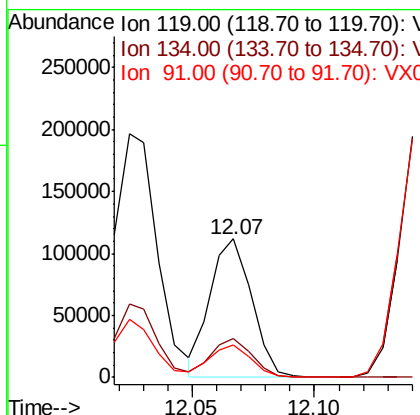
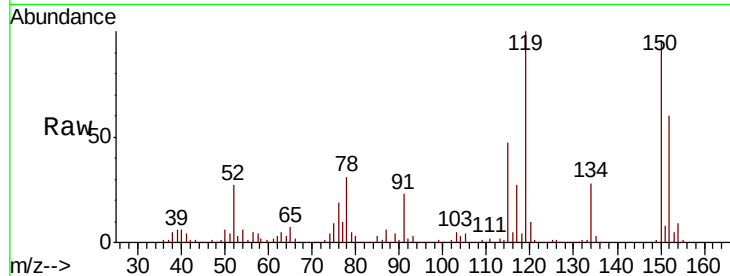
#86
p-Isopropyltoluene
Concen: 8.10 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Instrument :
MSVOA_X
ClientSampled :
FL-0543

Tot Ion	Ratio	Resp	Lower	Upper
119	100	131995		
134	27.5	13.4	40.2	
91	22.9	10.9	32.7	

Manual Integrations
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#95
Naphthalene
Concen: 84.28 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004225.D
Acq: 23 Aug 2018 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1538508		
127	12.4	10.2	15.2	
129	10.9	8.6	12.8	

