

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006028.D
 Acq On : 15 Nov 2018 18:53
 Operator : JC/MD
 Sample : J5915-09
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-9

Manual Integrations
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 11/16/2018 10:52:30 AM

Quant Time: Nov 16 12:23:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	152563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	218379	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	97815	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	82292	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.51	113	62654	42.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.36%	
50) Toluene-d8	8.72	98	252085	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	11.14	95	93522	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.45	83	233154	109.27	ug/l	93
40) Benzene	6.14	78	90529	14.75	ug/l	99
52) Toluene	8.79	92	5188380	1512.64	ug/l	92
67) Ethyl Benzene	10.26	91	5673502	998.41	ug/l	94
68) m/p-Xylenes	10.38	106	8231812	3797.78	ug/l	79
69) o-Xylene	10.71	106	3126025	1608.34	ug/l	93
73) Isopropylbenzene	11.02	105	621784	109.92	ug/l	100
78) n-propylbenzene	11.37	91	2938413	440.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	3480911	724.15	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	11173962	2111.33	ug/l	88
85) sec-Butylbenzene	11.95	105	269765m	45.36	ug/l	
86) p-Isopropyltoluene	12.07	119	136741m	25.96	ug/l	
89) n-Butylbenzene	12.39	91	1103365	226.01	ug/l #	28
95) Naphthalene	13.84	128	2095039	291.88	ug/l	99

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

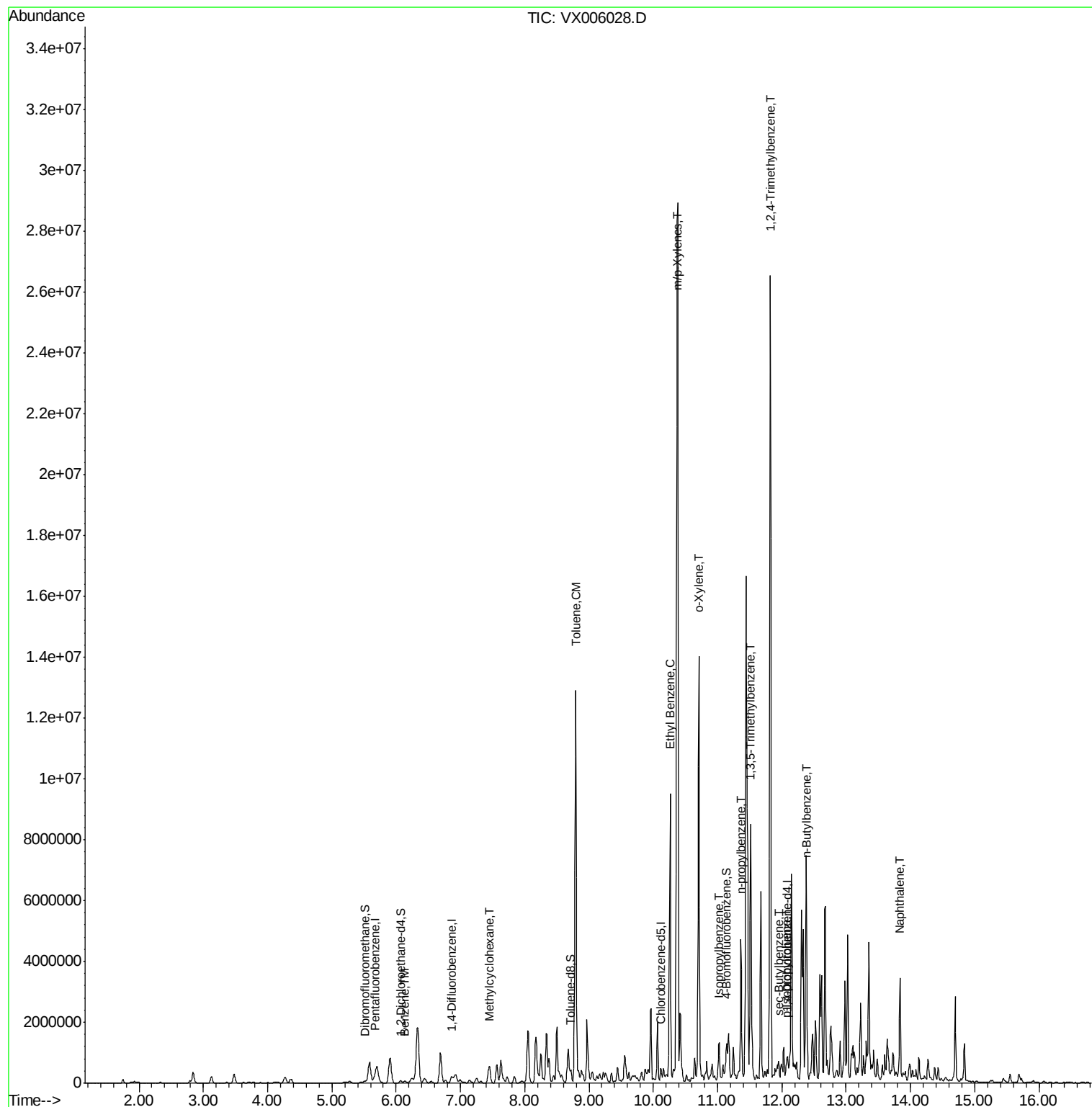
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
Data File : VX006028.D
Acq On : 15 Nov 2018 18:53
Operator : JC/MD
Sample : J5915-09
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 13 Sample Multiplier: 1

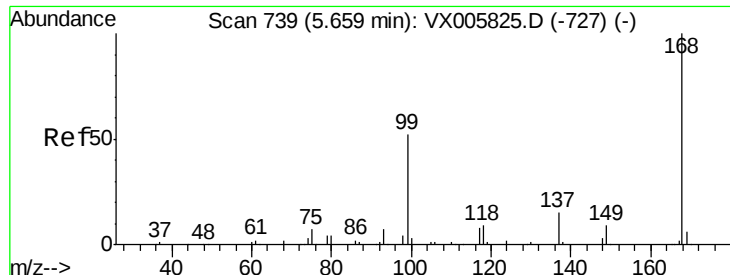
Instrument :
MSVOA_X
ClientSampleId :
T-9

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Quant Time: Nov 16 12:23:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006028.D

Acq: 15 Nov 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

T-9

Tgt Ion:168 Resp: 152563

Ion Ratio Lower Upper

168 100

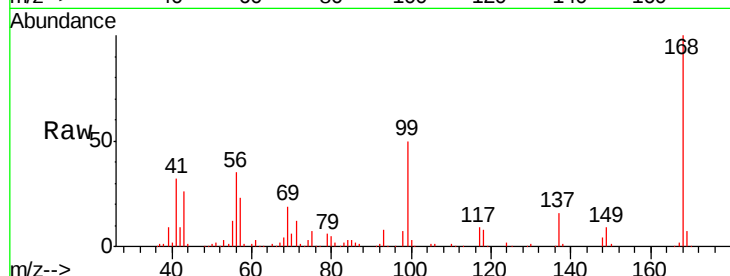
99 50.0 40.7 61.1

Manual Integrations

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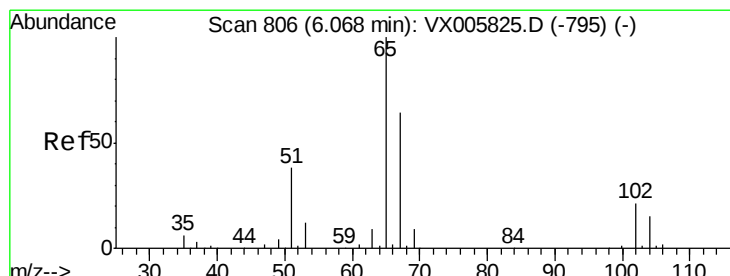
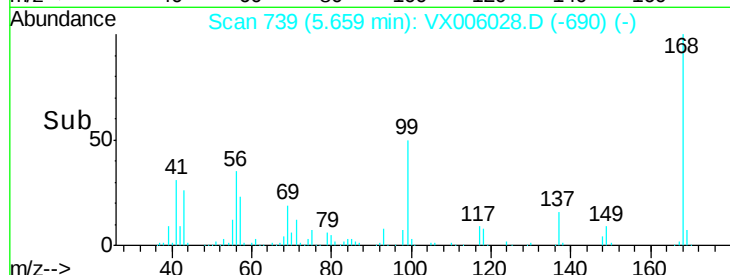
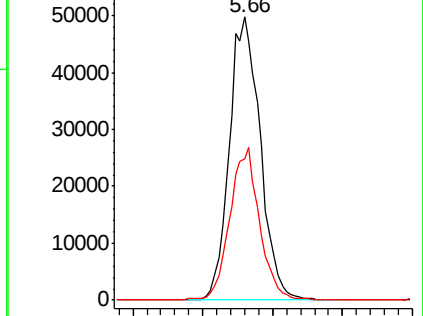
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.92 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006028.D

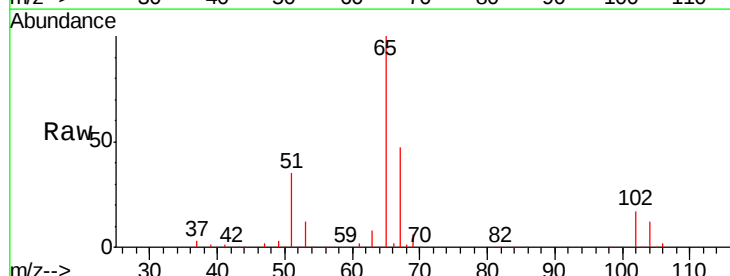
Acq: 15 Nov 2018 18:53

Tgt Ion: 65 Resp: 82292

Ion Ratio Lower Upper

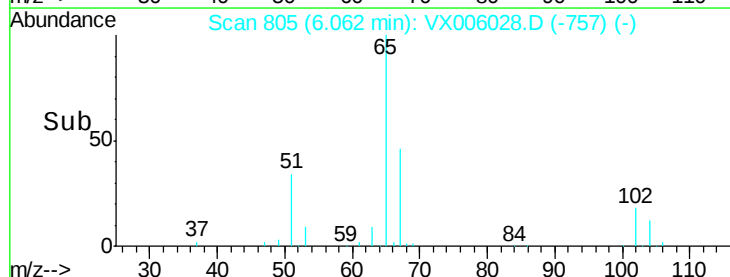
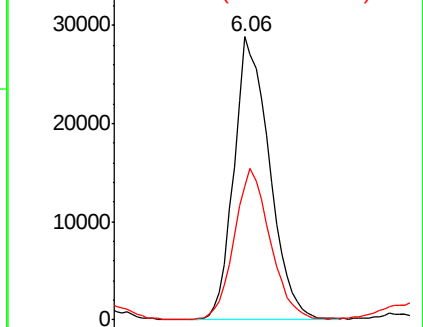
65 100

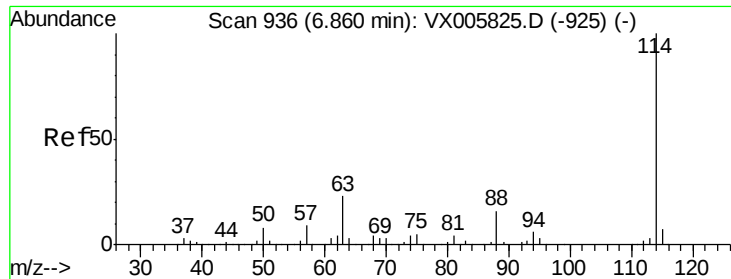
67 54.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





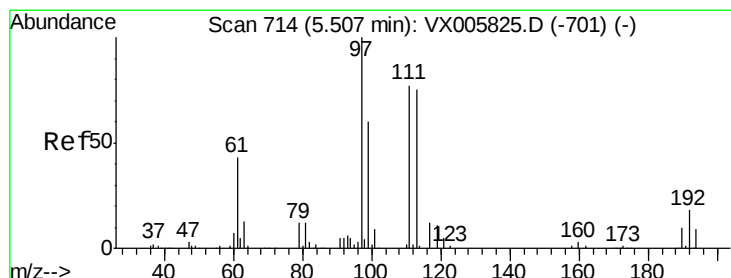
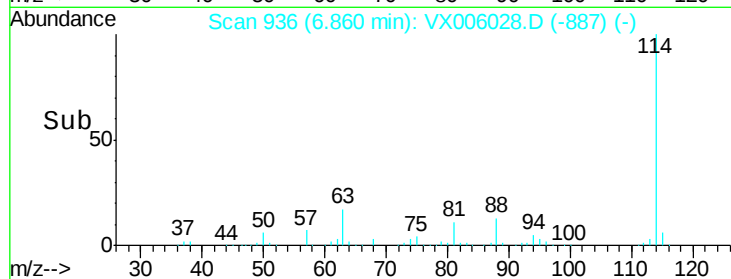
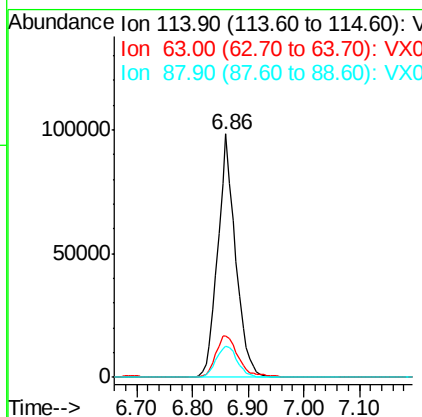
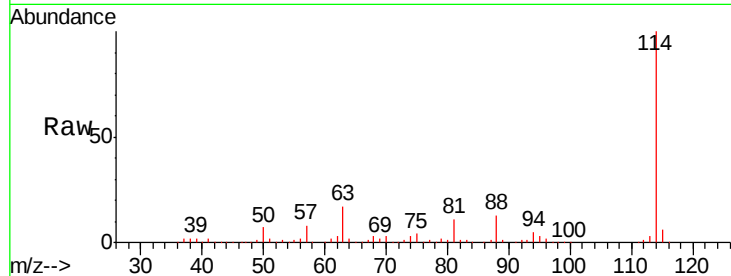
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
T-9

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	218379		
63	16.7	0.0	42.8	
88	12.9	0.0	31.2	

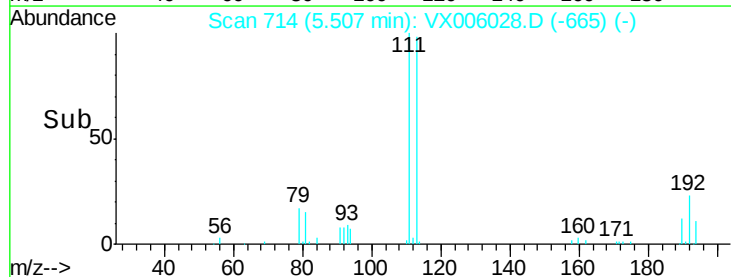
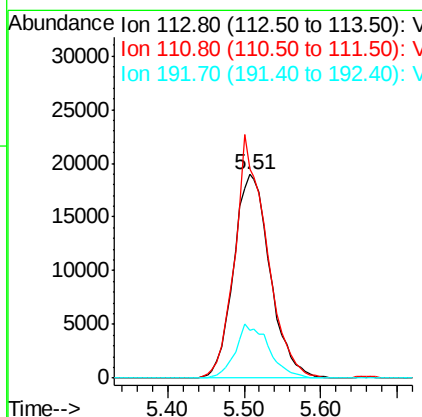
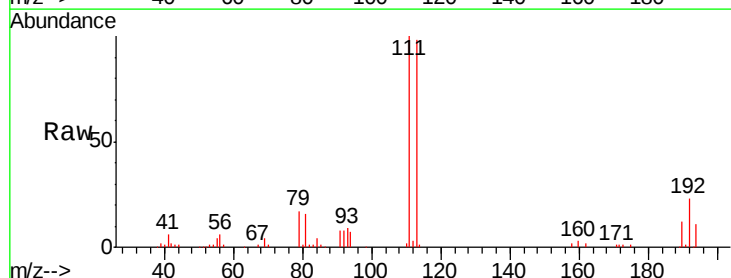
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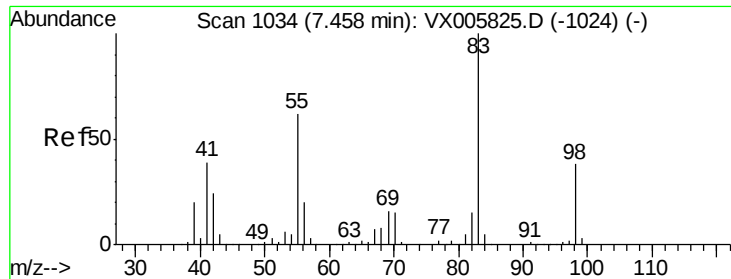
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#35
Dibromofluoromethane
Concen: 42.18 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.00 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	62654		
111	104.1	82.3	123.5	
192	24.5	17.9	26.9	





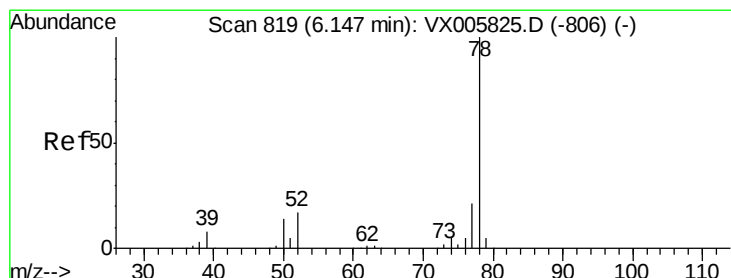
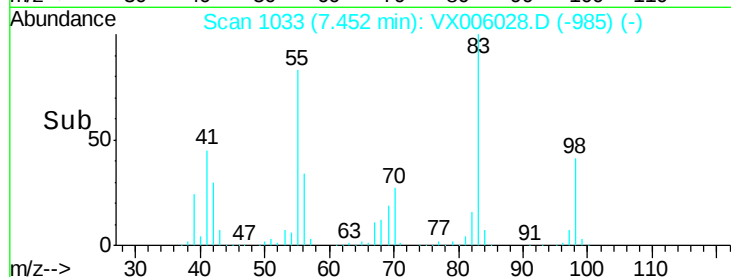
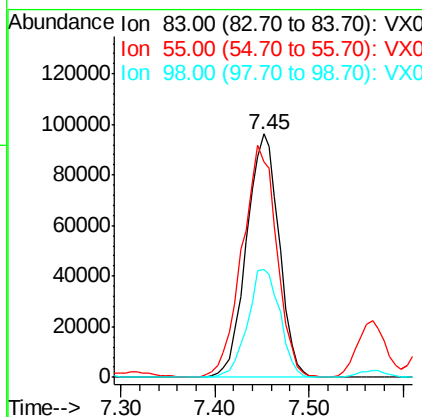
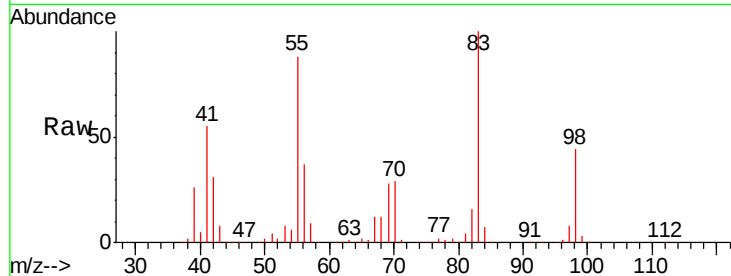
#39
Methylcyclohexane
Concen: 109.27 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
T-9

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	233154		
55	88.2	63.7	95.5	
98	44.3	36.2	54.2	

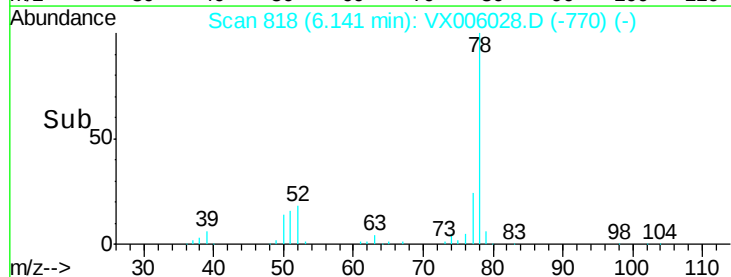
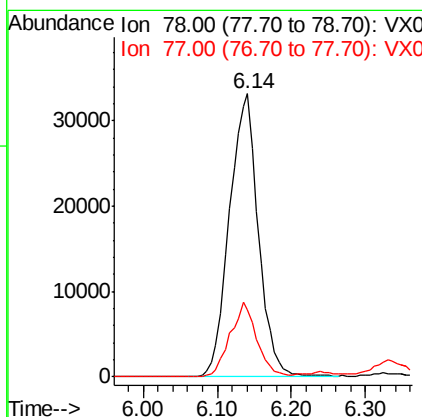
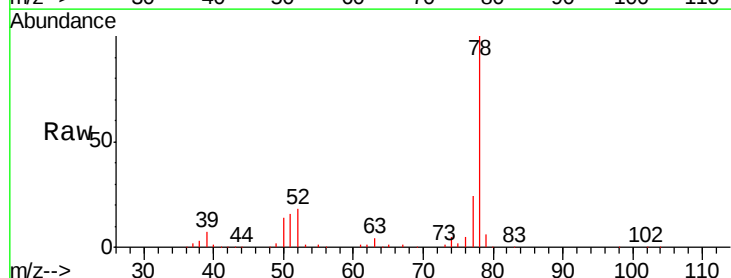
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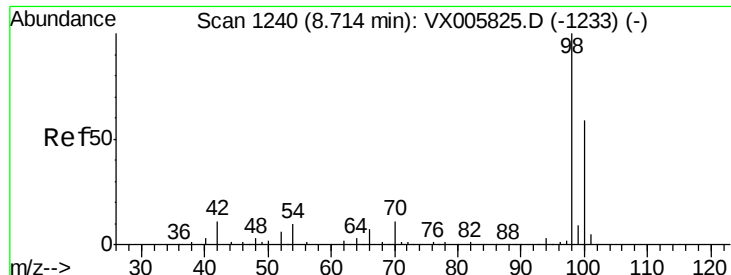
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#40
Benzene
Concen: 14.75 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	90529		
77	23.5	18.4	27.6	





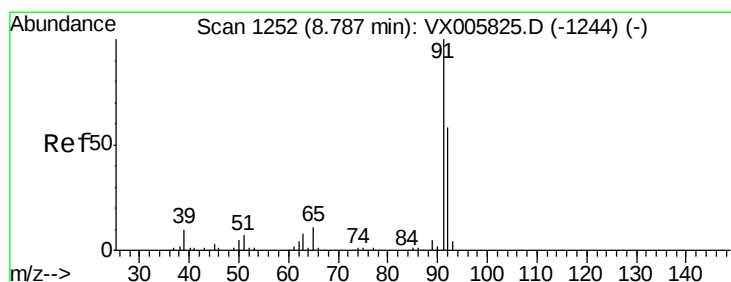
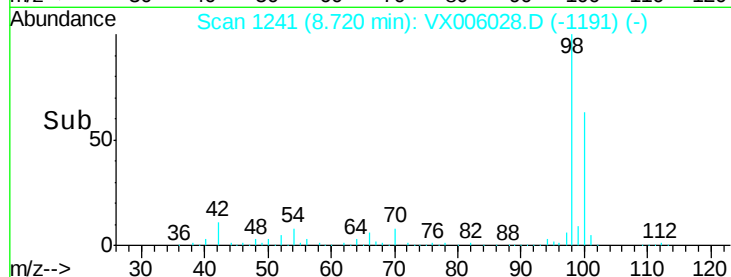
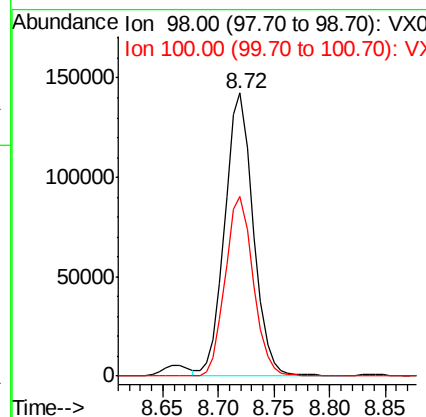
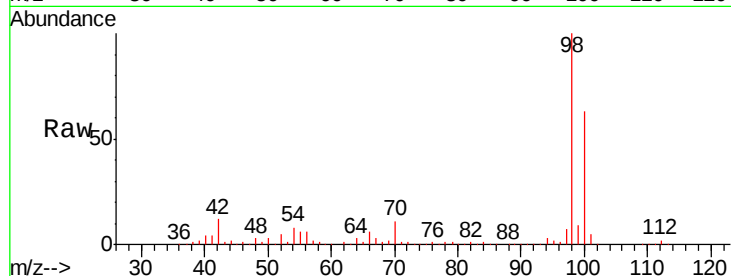
#50
Toluene-d8
Concen: 51.05 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 98 Resp: 252085
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9

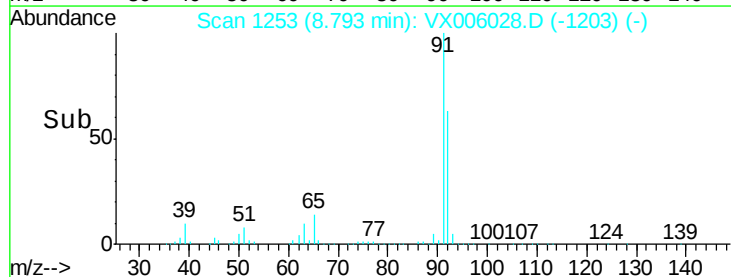
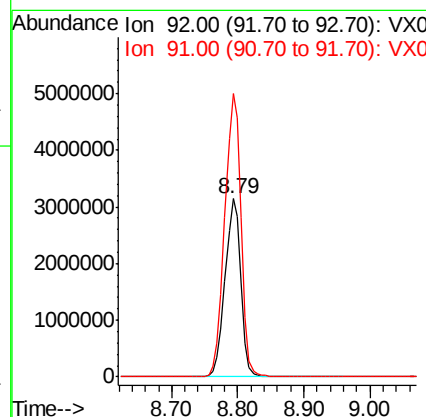
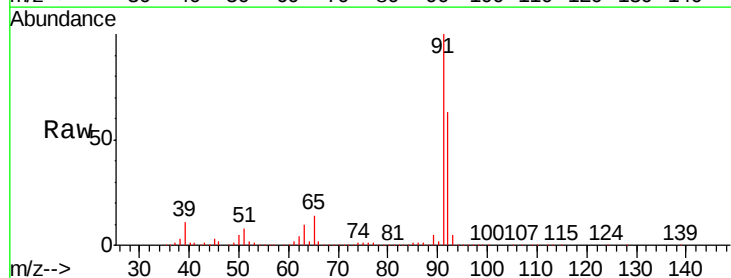
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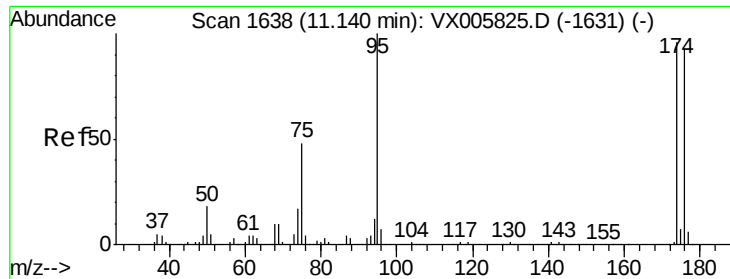
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#52
Toluene
Concen: 1512.64 ug/l
RT: 8.79 min Scan# 1253
Delta R.T. 0.01 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Tgt Ion: 92 Resp: 5188380
Ion Ratio Lower Upper
92 100
91 164.5 140.4 210.6





#62

4-Bromofluorobenzene

Concen: 52.68 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006028.D

Acq: 15 Nov 2018 18:53

Instrument :

MSVOA_X

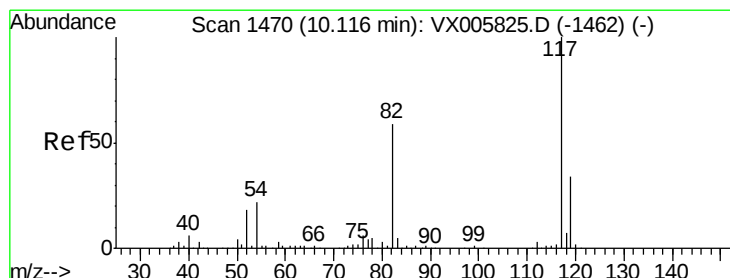
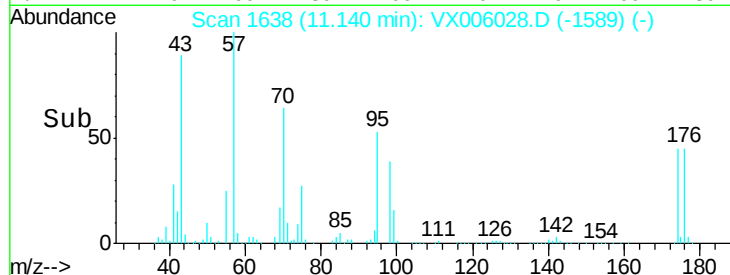
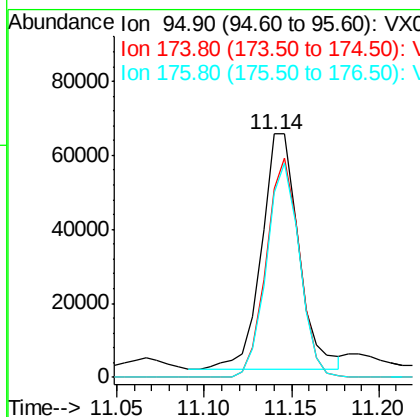
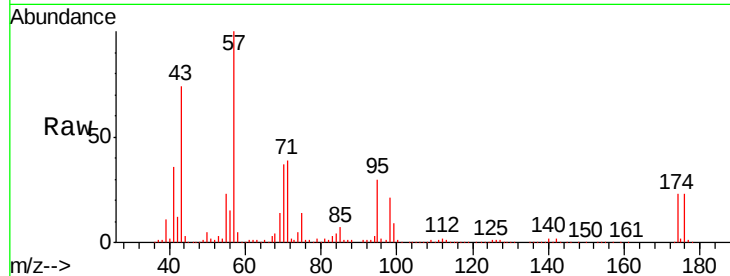
ClientSampled :

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Tgt Ion:	95	Resp:	93522
Ion Ratio	Lower	Upper	
95	100		
174	84.0	0.0	184.4
176	81.7	0.0	177.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

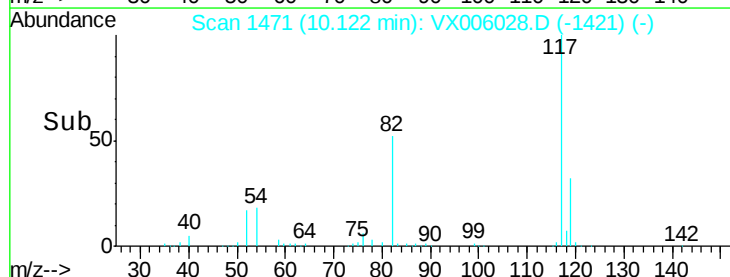
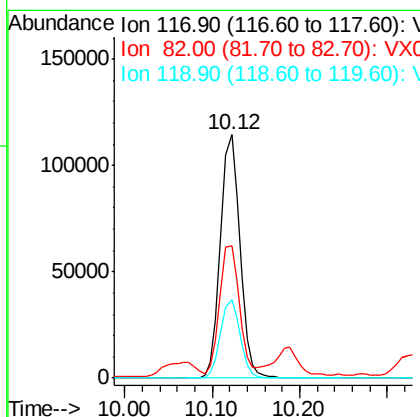
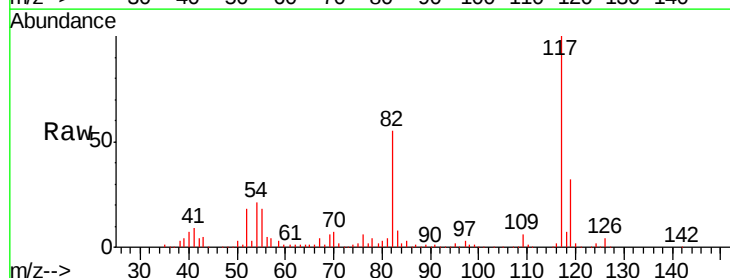
RT: 10.12 min Scan# 1471

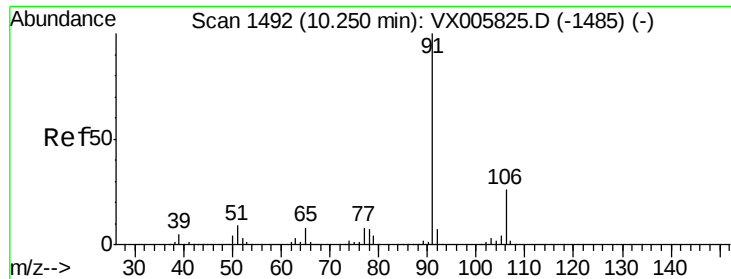
Delta R.T. 0.01 min

Lab File: VX006028.D

Acq: 15 Nov 2018 18:53

Tgt Ion:	117	Resp:	176895
Ion Ratio	Lower	Upper	
117	100		
82	53.0	44.1	66.1
119	32.2	26.2	39.2





#67

Ethyl Benzene

Concen: 998.41 ug/l

RT: 10.26 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VX006028.D

Acq: 15 Nov 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

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Tgt Ion: 91 Resp: 5673502

Ion Ratio Lower Upper

91 100

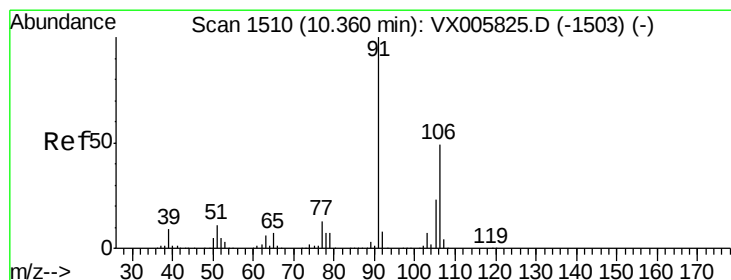
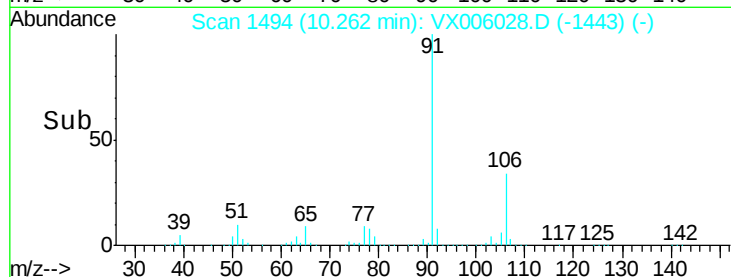
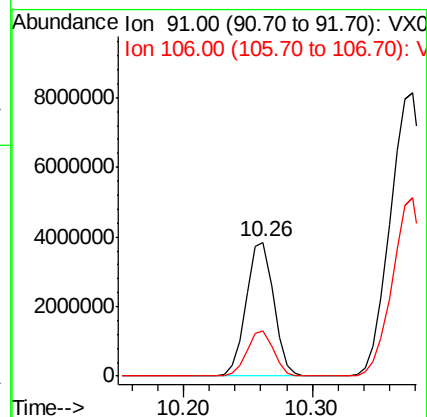
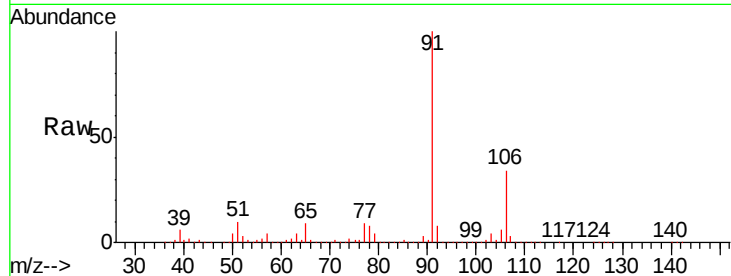
106 33.8 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 3797.78 ug/l

RT: 10.38 min Scan# 1513

Delta R.T. 0.02 min

Lab File: VX006028.D

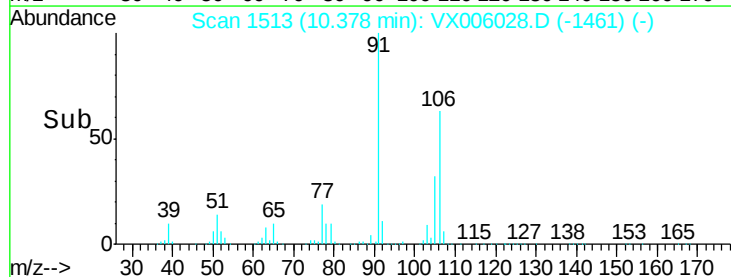
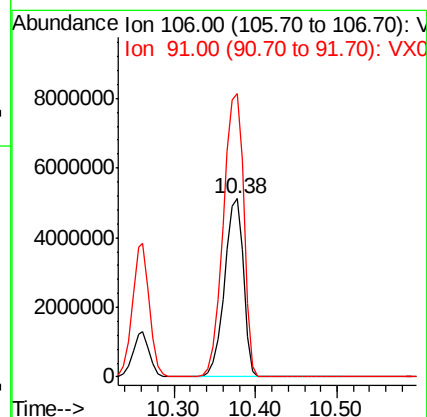
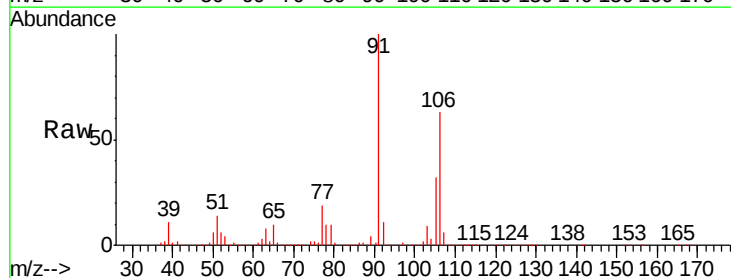
Acq: 15 Nov 2018 18:53

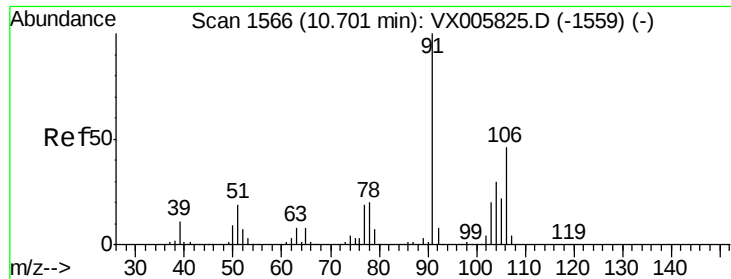
Tgt Ion: 106 Resp: 8231812

Ion Ratio Lower Upper

106 100

91 173.7 164.2 246.4





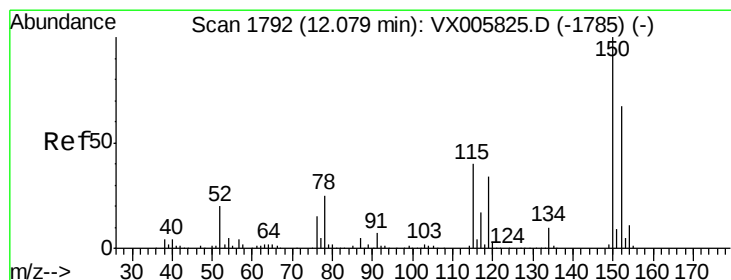
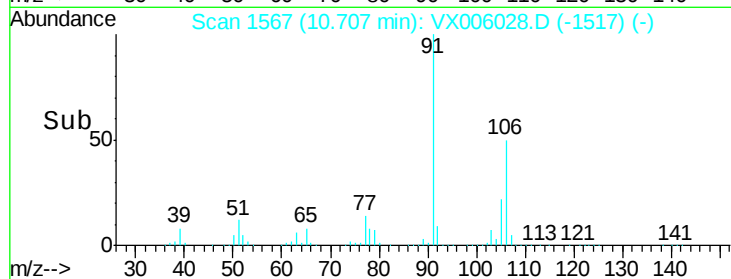
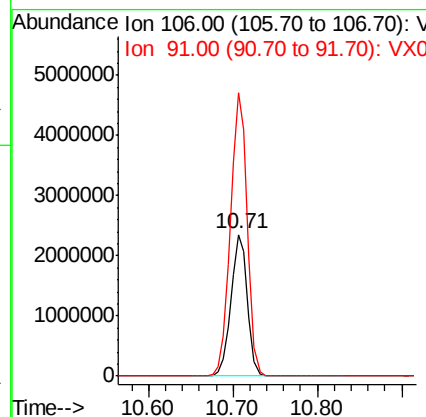
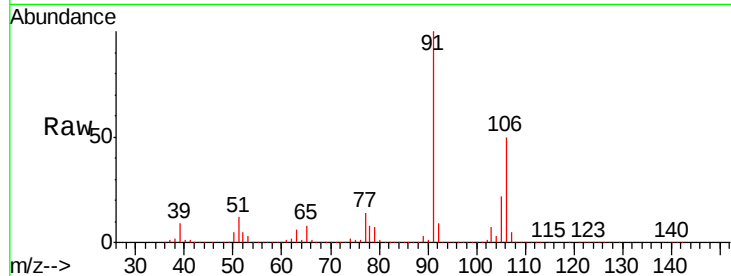
#69
o-Xylene
Concen: 1608.34 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:106 Resp: 3126025
Ion Ratio Lower Upper
106 100
91 205.5 108.5 325.5

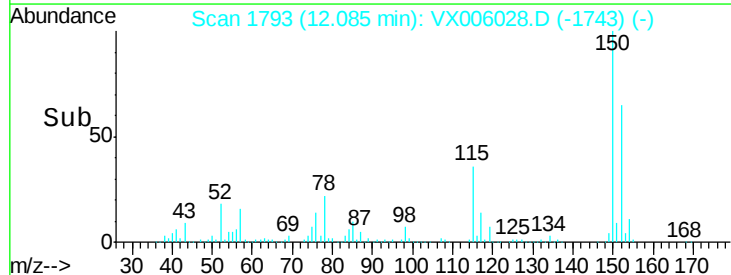
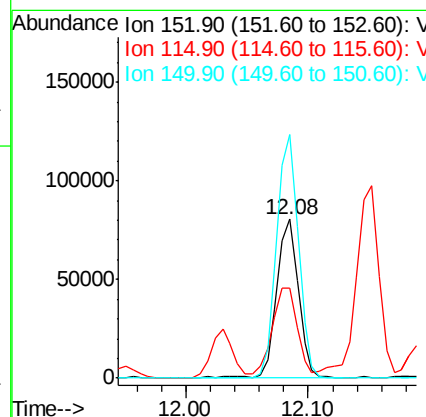
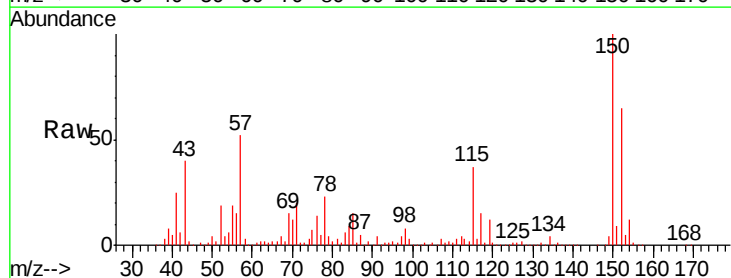
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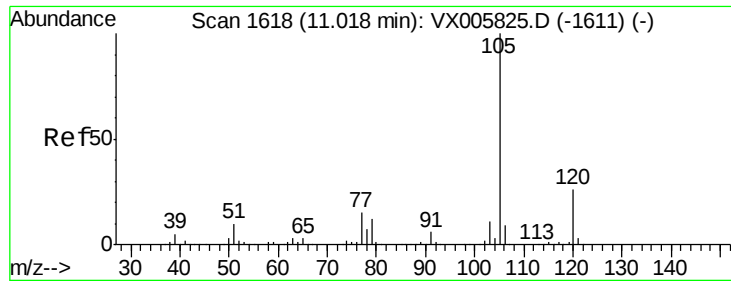
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Tgt Ion:152 Resp: 97815
Ion Ratio Lower Upper
152 100
115 68.0 39.4 118.1
150 155.7 0.0 346.4





#73

Isopropylbenzene

Concen: 109.92 ug/l

RT: 11.02 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VX006028.D

Acq: 15 Nov 2018 18:53

Instrument :

MSVOA_X

ClientSampled :

T-9

Tgt Ion: 105 Resp: 621784

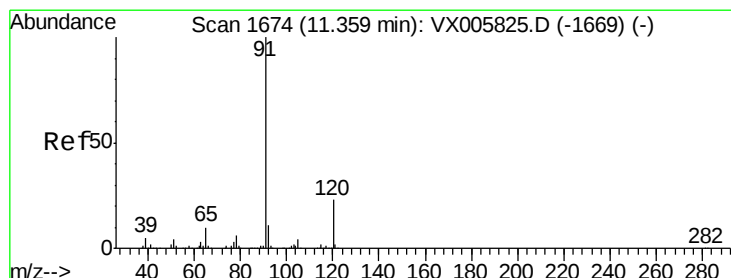
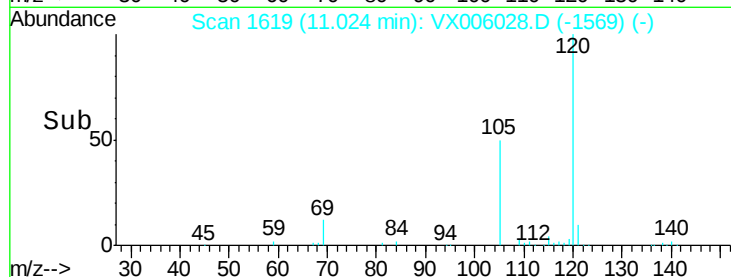
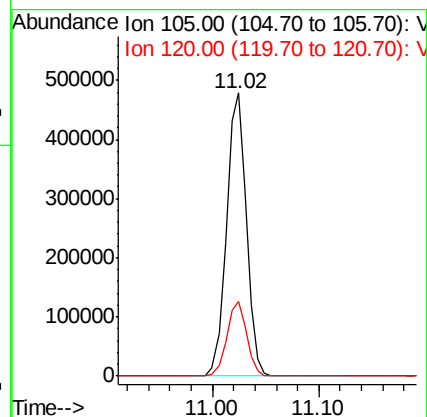
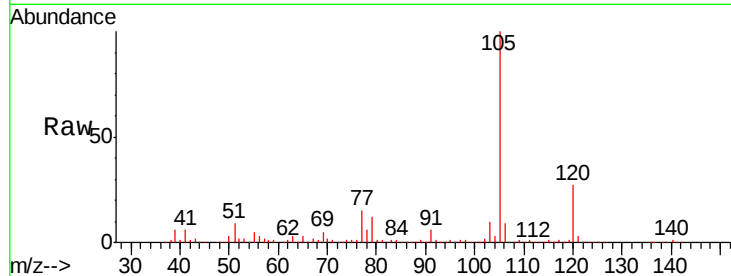
Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3

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#78

n-propylbenzene

Concen: 440.78 ug/l

RT: 11.37 min Scan# 1675

Delta R.T. 0.01 min

Lab File: VX006028.D

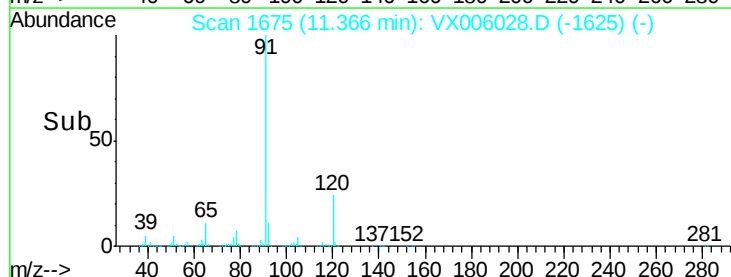
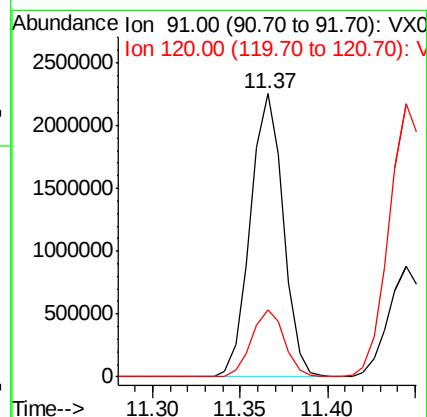
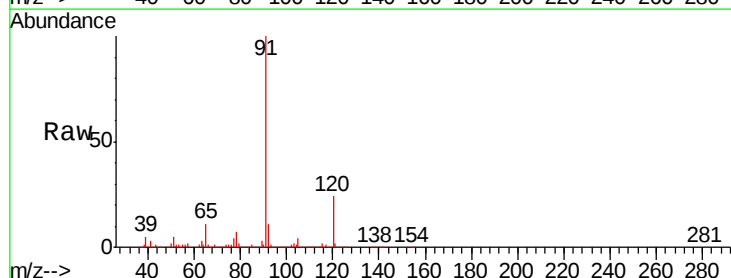
Acq: 15 Nov 2018 18:53

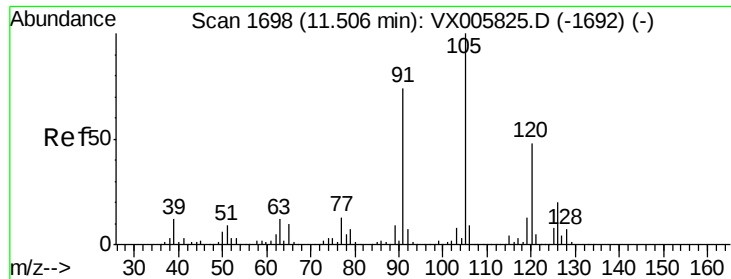
Tgt Ion: 91 Resp: 2938413

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5





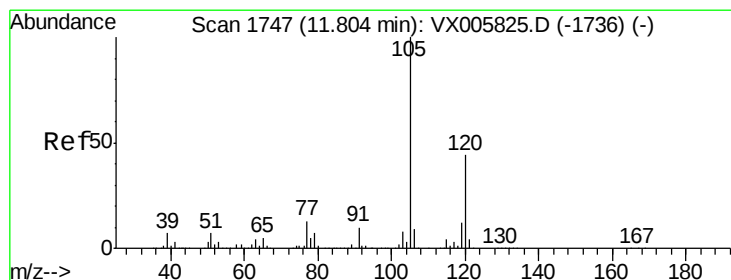
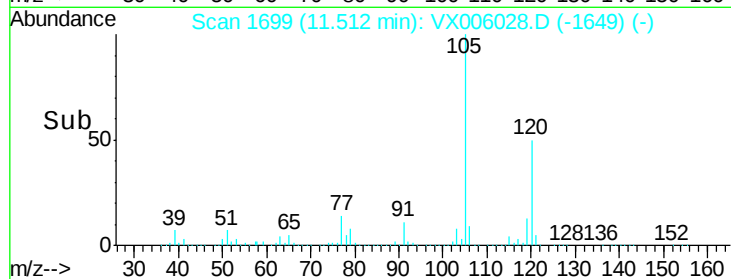
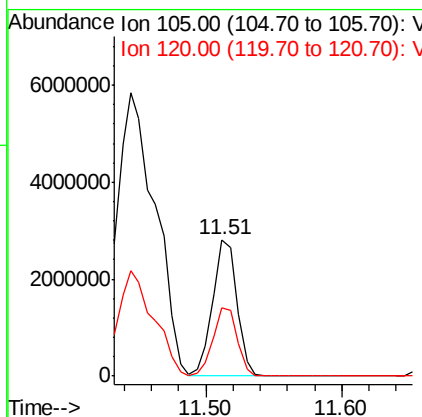
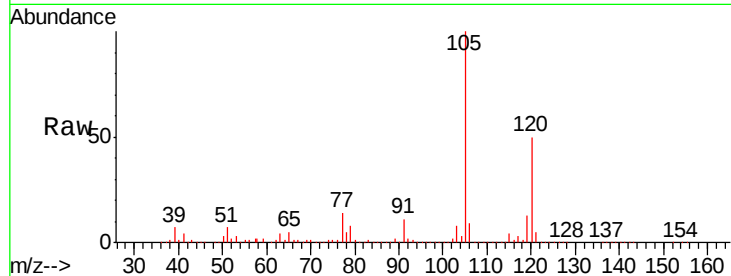
#80
 1,3,5-Trimethylbenzene
 Concen: 724.15 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX006028.D
 Acq: 15 Nov 2018 18:53

Instrument :
 MSVOA_X
 ClientSampled :
 T-9

Tgt Ion:105 Resp: 3480911
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.1 72.2

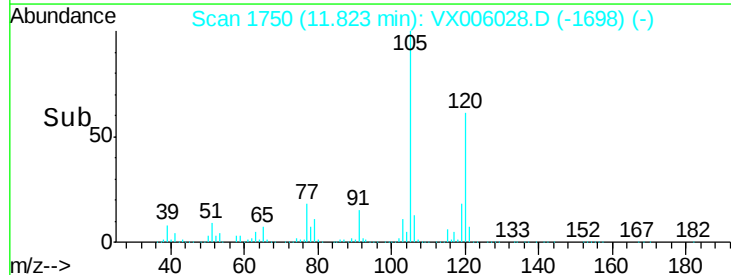
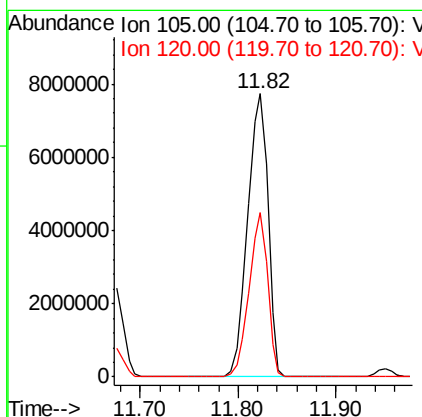
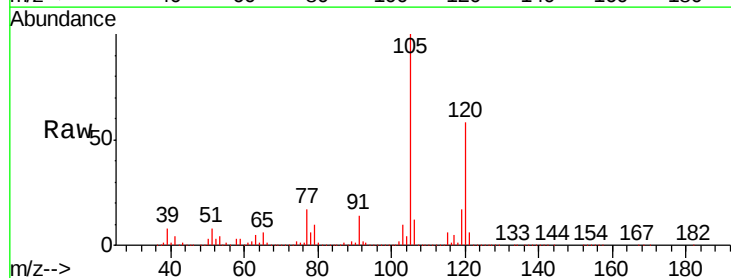
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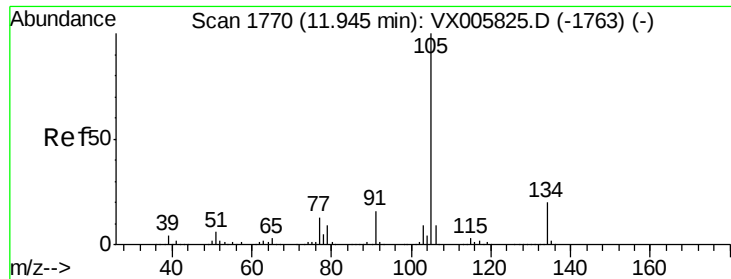
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#84
 1,2,4-Trimethylbenzene
 Concen: 2111.33 ug/l
 RT: 11.82 min Scan# 1750
 Delta R.T. 0.02 min
 Lab File: VX006028.D
 Acq: 15 Nov 2018 18:53

Tgt Ion:105 Resp:11173962
 Ion Ratio Lower Upper
 105 100
 120 52.8 22.4 67.0





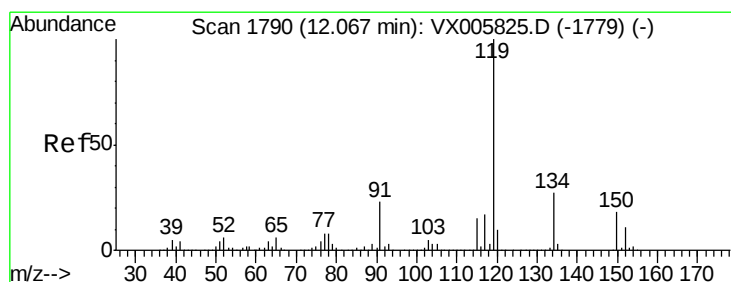
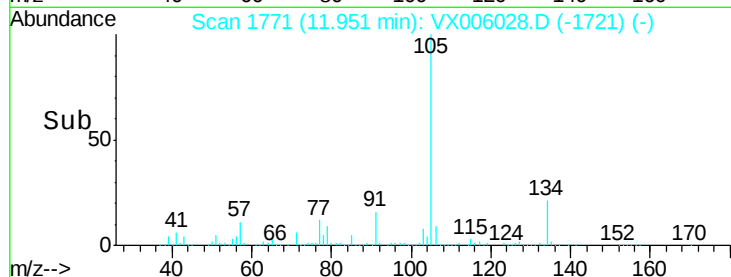
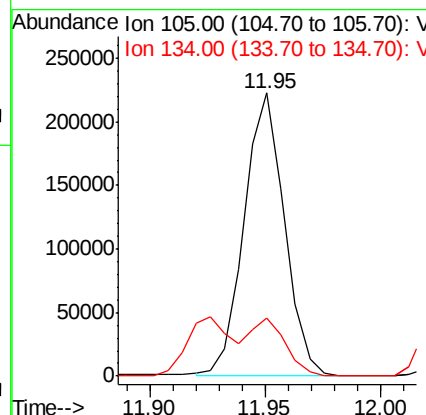
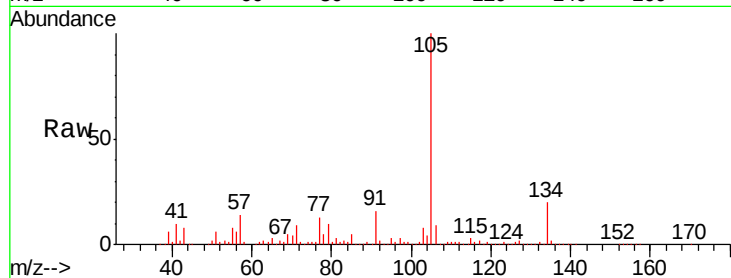
#85
 sec-Butylbenzene
 Concen: 45.36 ug/l m
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006028.D
 Acq: 15 Nov 2018 18:53

Instrument :
 MSVOA_X
 ClientSampled :
 T-9

Tgt Ion:105 Resp: 269765
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#

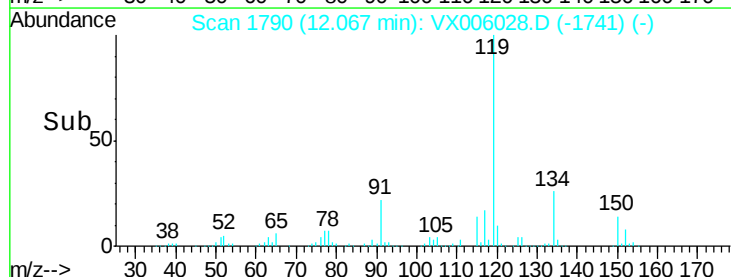
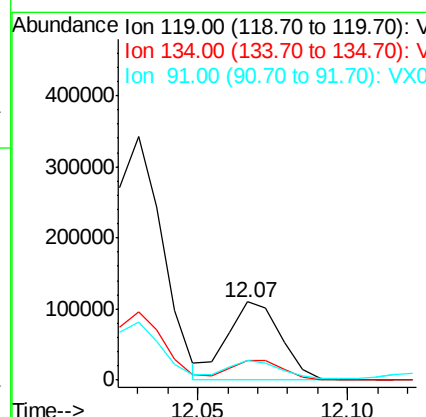
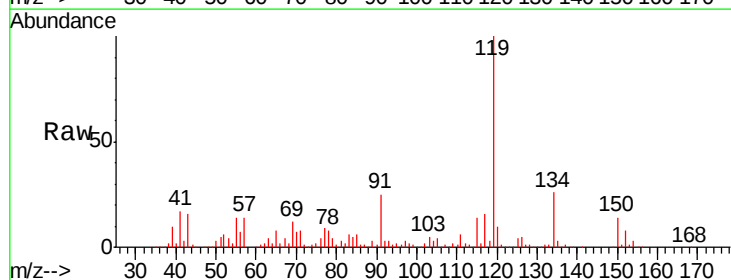
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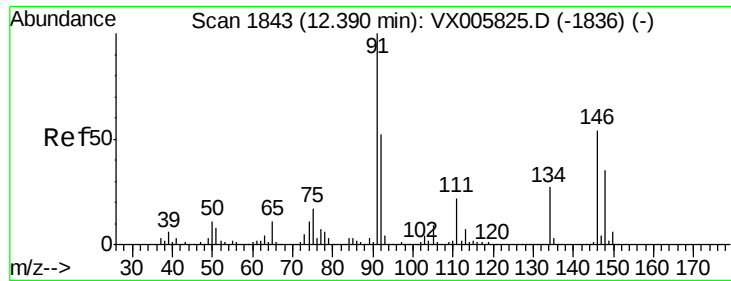
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#86
 p-Isopropyltoluene
 Concen: 25.96 ug/l m
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX006028.D
 Acq: 15 Nov 2018 18:53

Tgt Ion:119 Resp: 136741
 Ion Ratio Lower Upper
 119 100
 134 86.5 13.0 39.0#
 91 70.2 11.4 34.2#





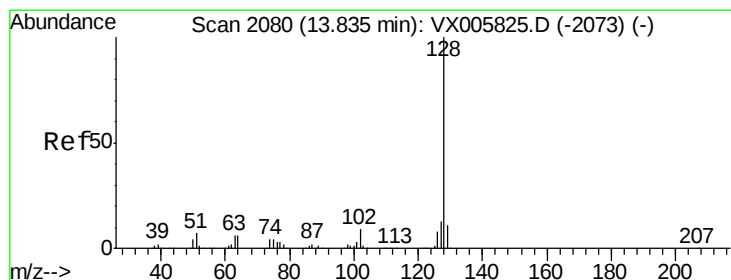
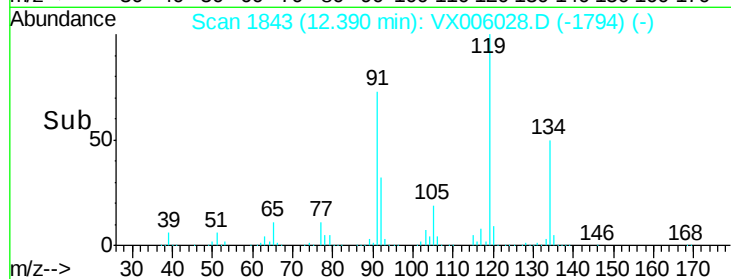
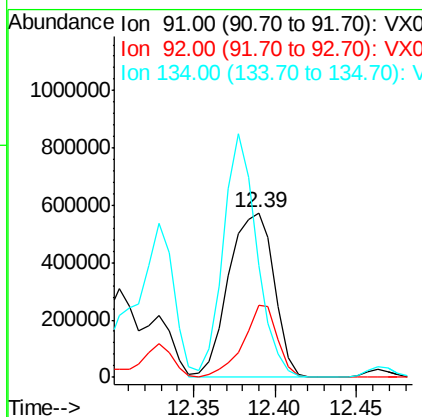
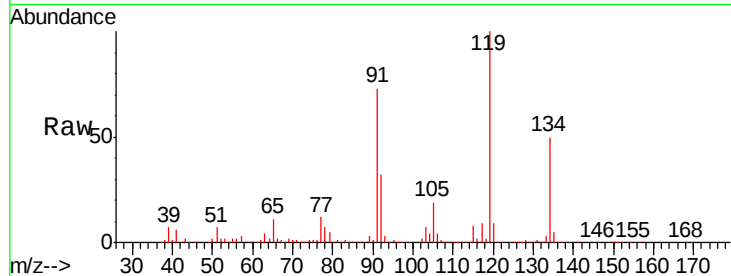
#89
n-Butylbenzene
Concen: 226.01 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
T-9

Tgt Ion: 91 Resp: 1103365
Ion Ratio Lower Upper
91 100
92 33.3 26.1 78.2
134 109.7 13.1 39.3#

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#95
Naphthalene
Concen: 291.88 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX006028.D
Acq: 15 Nov 2018 18:53

Tgt Ion: 128 Resp: 2095039
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.6 8.7 13.1

