

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006327.D
 Acq On : 06 Dec 2018 19:10
 Operator : JC/MD
 Sample : J6248-07ME
 Misc : 5.09g/5mL/100uL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-BASEME

Manual Integrations
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MMDadoda
 12/7/2018 11:19:15 AM

Quant Time: Dec 07 05:58:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	660356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1009473	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	913285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	672631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	328007	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	5.51	113	307285	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	1181331	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.15	95	431346m	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.30%	
Target Compounds						
					Qvalue	
39) Methylcyclohexane	7.46	83	16630	1.507	ug/l	97
64) Tetrachloroethene	9.34	164	6090	0.885	ug/l	92
67) Ethyl Benzene	10.26	91	153547	4.762	ug/l	98
68) m/p-Xylenes	10.37	106	1450985	112.338	ug/l	97
69) o-Xylene	10.70	106	867490	67.995	ug/l	99
73) Isopropylbenzene	11.02	105	2823513	60.785	ug/l	99
78) n-propylbenzene	11.37	91	7803777	151.134	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	5288228	136.828	ug/l	98
83) tert-Butylbenzene	11.78	119	1446802	35.085	ug/l	80
84) 1,2,4-Trimethylbenzene	11.81	105	17923227m	449.111	ug/l	
85) sec-Butylbenzene	11.96	105	10288287	219.309	ug/l #	74
86) p-Isopropyltoluene	12.07	119	6453742	152.777	ug/l	98
89) n-Butylbenzene	12.40	91	11477601	318.436	ug/l #	62
95) Naphthalene	13.83	128	2059301	39.861	ug/l #	93

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

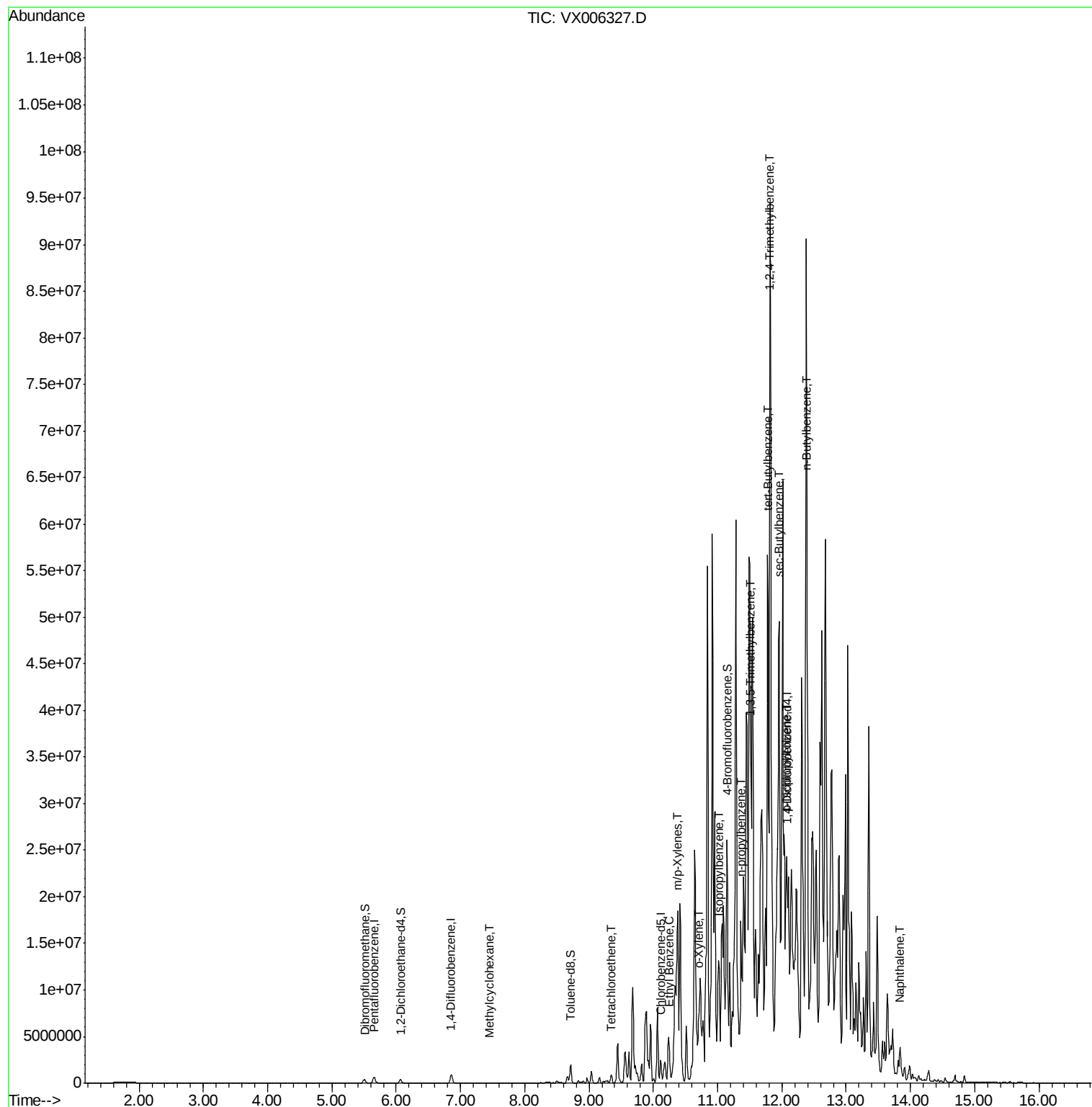
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
Data File : VX006327.D
Acq On : 06 Dec 2018 19:10
Operator : JC/MD
Sample : J6248-07ME
Misc : 5.09g/5mL/100uL/5.0ml/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

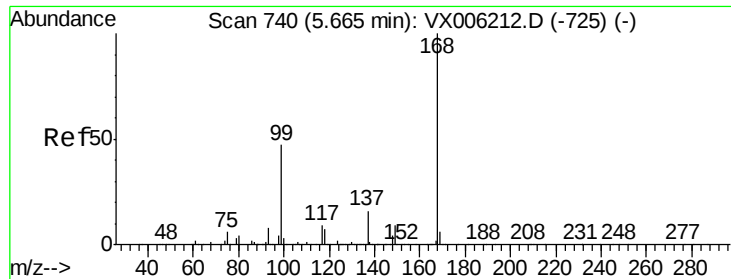
Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEME

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Quant Time: Dec 07 05:58:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006327.D

Acq: 06 Dec 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEME

Tot Ion:168 Resp: 660356

Ion Ratio Lower Upper

168 100

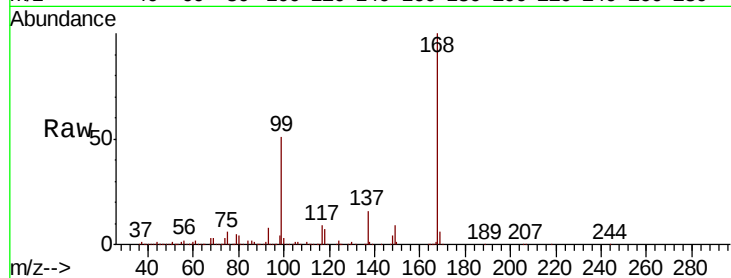
99 50.6 37.8 56.8

Manual Integrations

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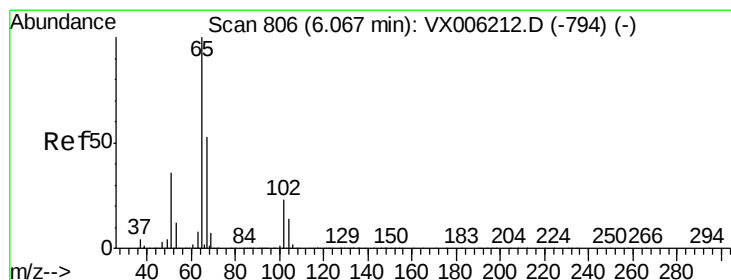
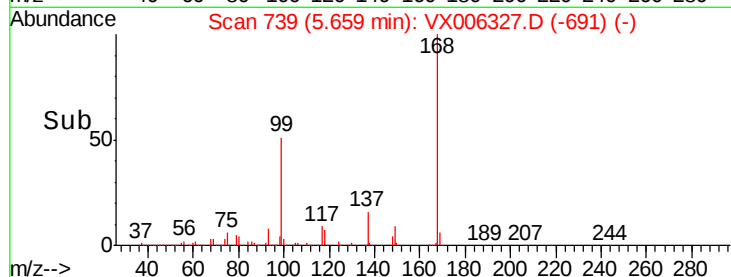
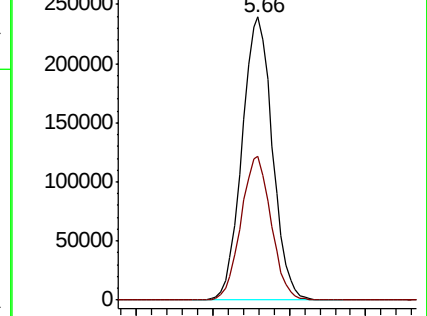
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.657 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006327.D

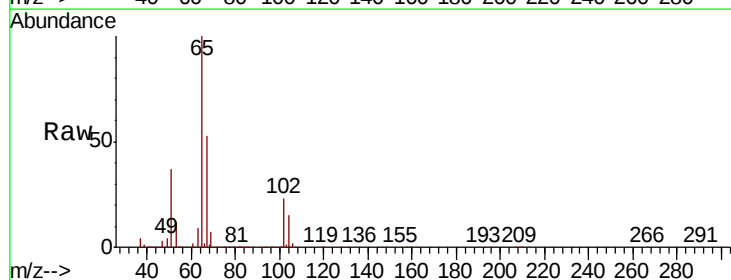
Acq: 06 Dec 2018 19:10

Tgt Ion: 65 Resp: 328007

Ion Ratio Lower Upper

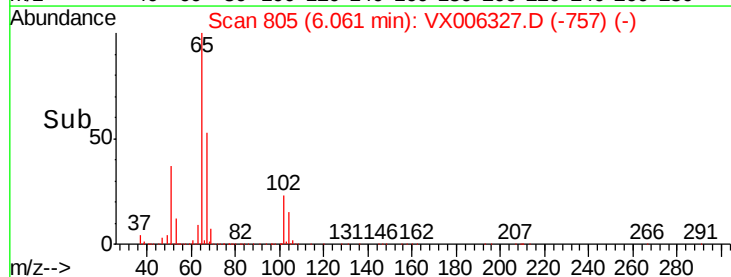
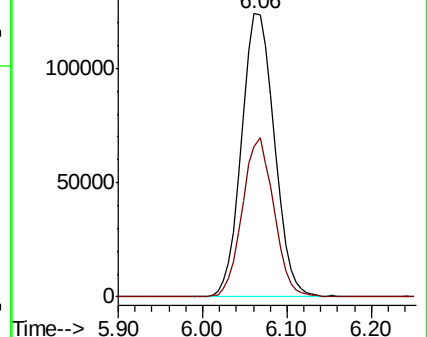
65 100

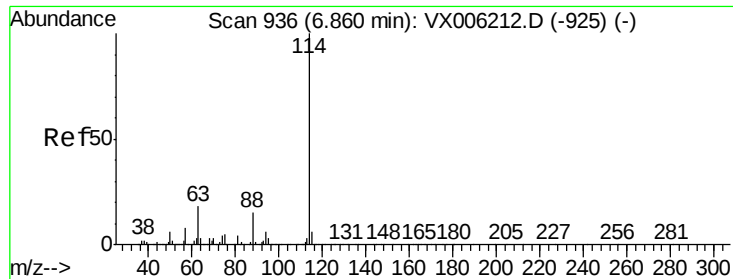
67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





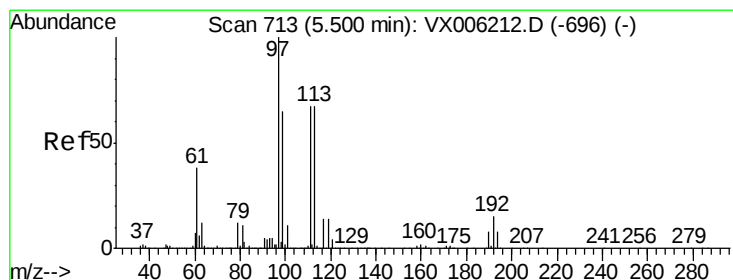
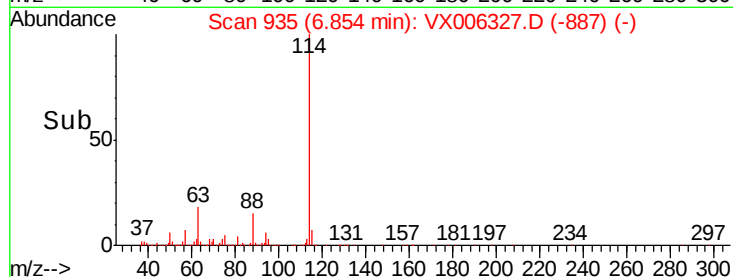
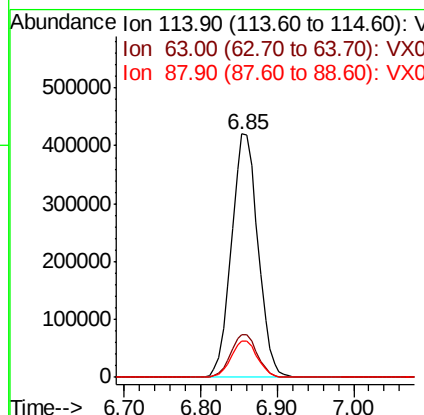
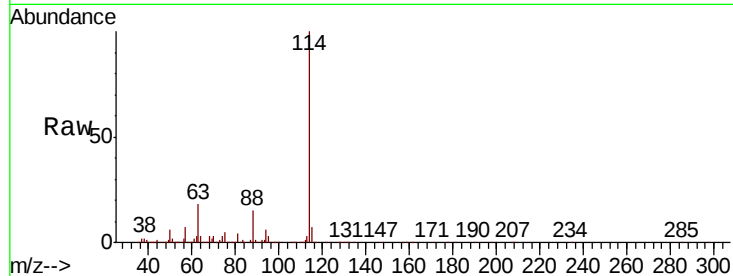
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEME

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.6
88	15.1	0.0	29.0

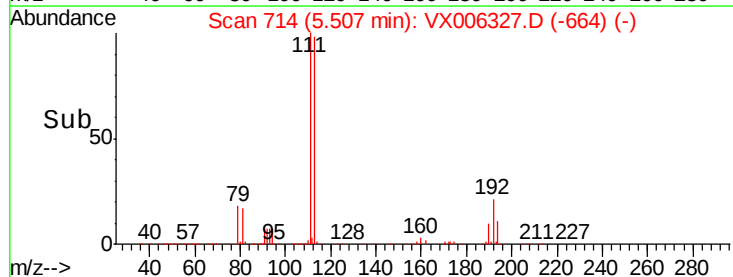
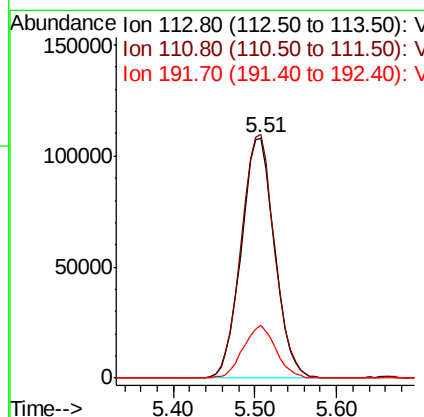
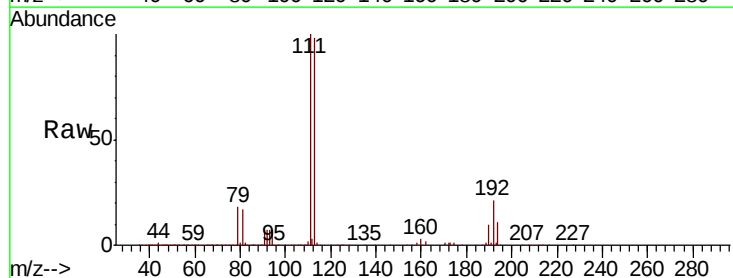
Manual Integrations
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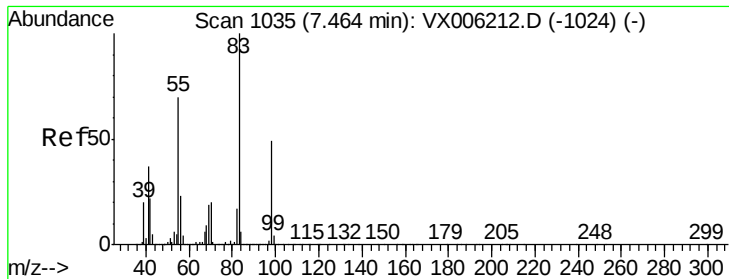
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#35
Dibromofluoromethane
Concen: 47.015 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.1	121.7
192	21.6	18.2	27.2





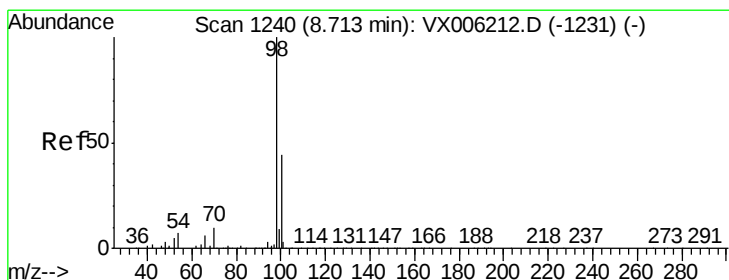
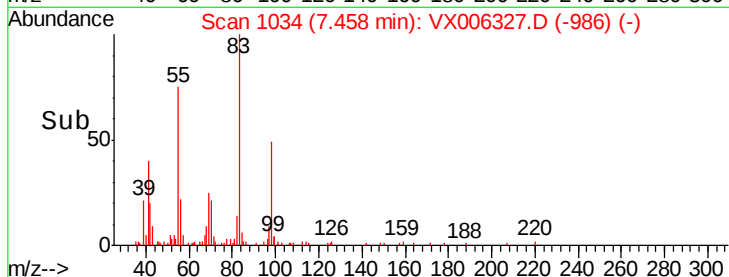
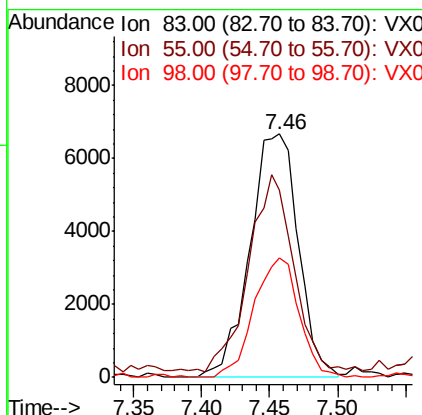
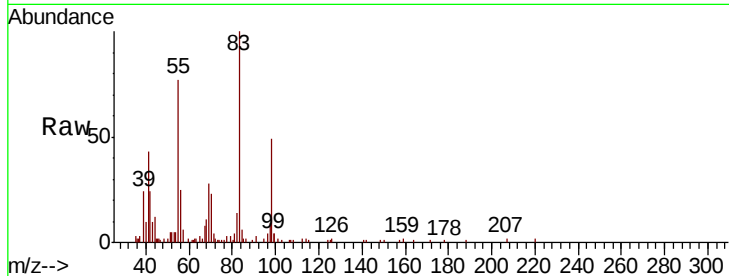
#39
Methvlcvclohexane
Concen: 1.507 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEME

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.5	56.4	84.6
98	49.0	39.0	58.6

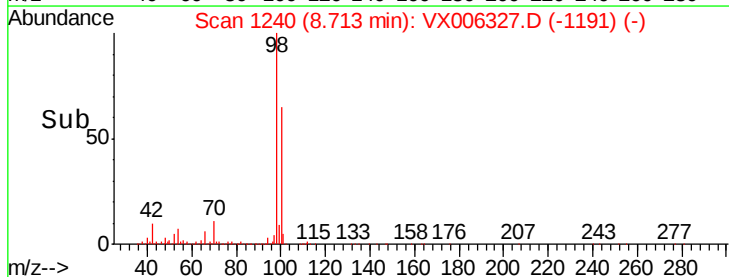
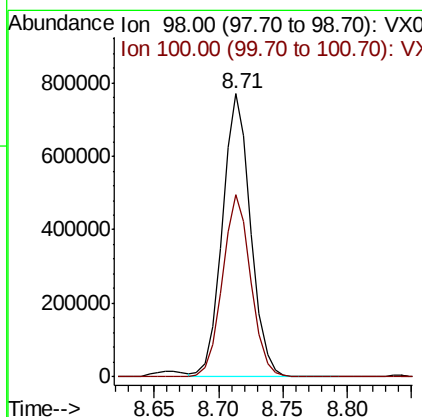
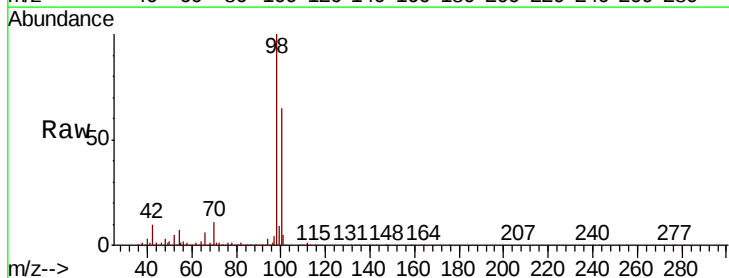
Manual Integrations
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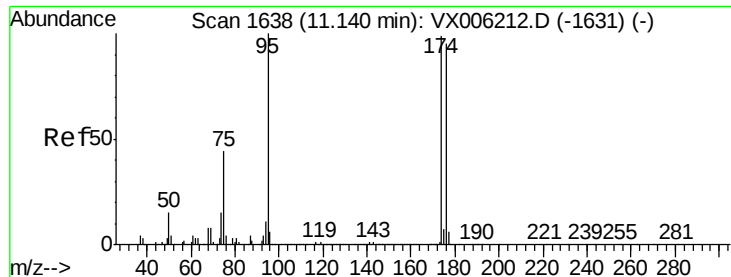
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#50
Toluene-d8
Concen: 49.690 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





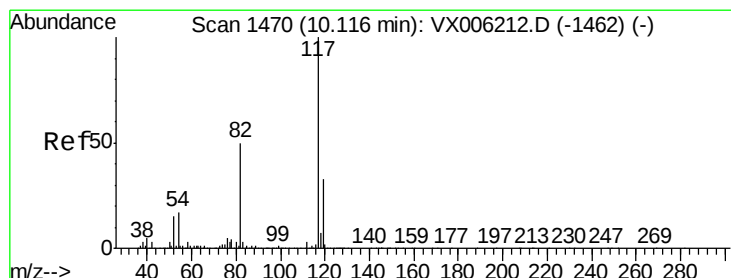
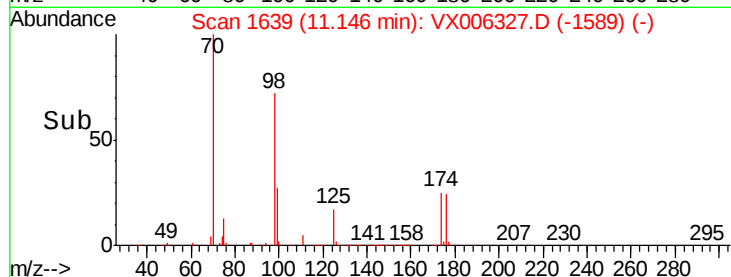
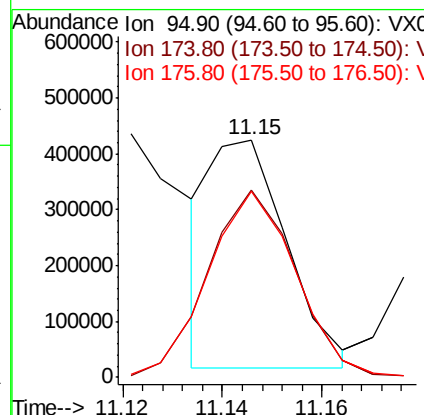
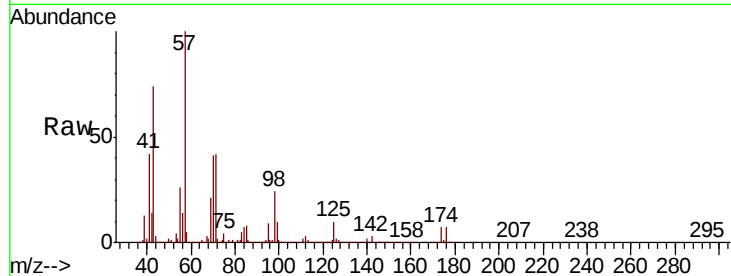
#62
4-Bromofluorobenzene
Concen: 48.148 ug/l m
RT: 11.15 min Scan# 1639
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	431346		
174	0.0	0.0	187.0	
176	0.0	0.0	181.8	

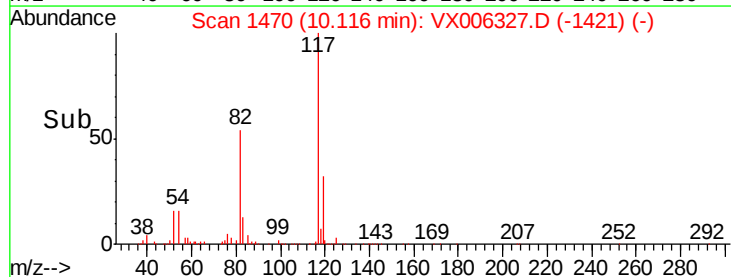
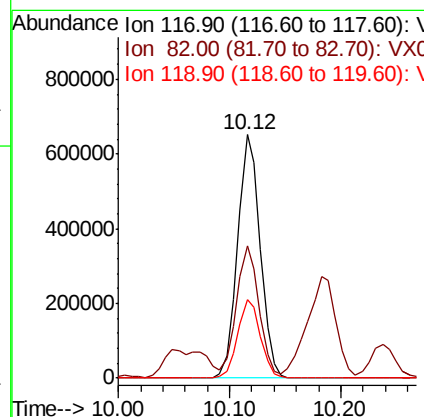
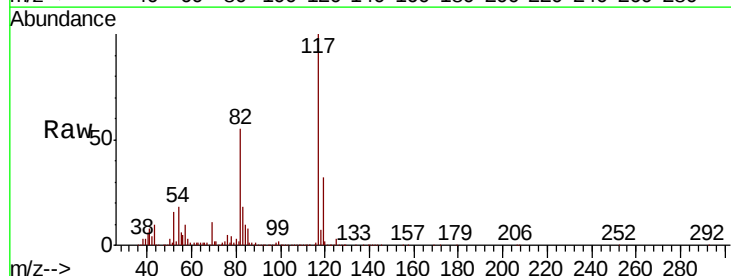
Manual Integrations
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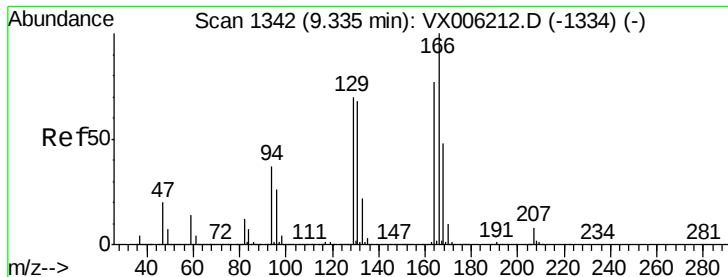
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	913285		
82	44.1	39.6	59.4	
119	32.0	26.3	39.5	





#64

Tetrachloroethene

Concen: 0.885 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006327.D

Acq: 06 Dec 2018 19:10

Instrument :

MSVOA_X

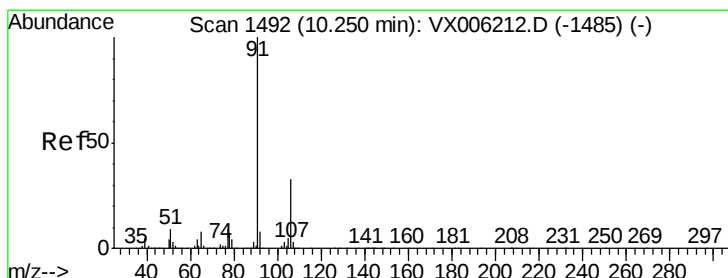
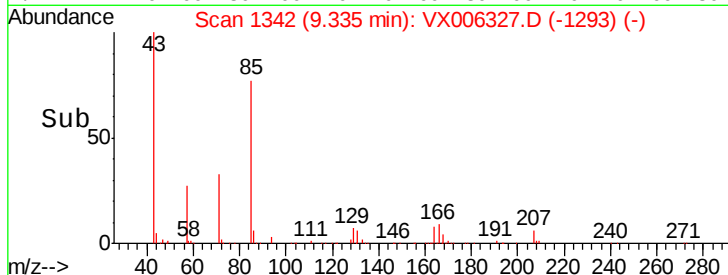
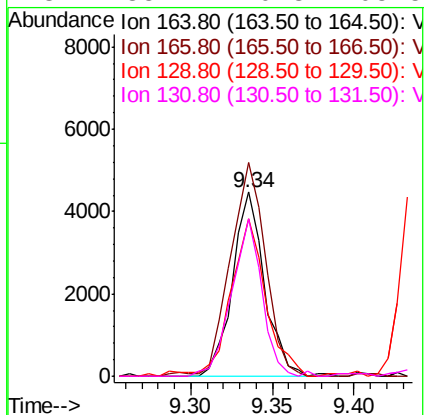
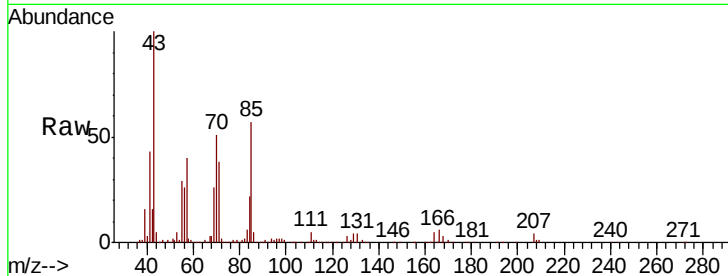
ClientSampleId :

4UST-BASEME

Tot Ion:	164	Resp:	6090
Ion	Ratio	Lower	Upper
164	100		
166	116.3	104.2	156.2
129	84.4	72.6	108.8
131	85.4	70.3	105.5

Manual Integrations
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#67

Ethyl Benzene

Concen: 4.762 ug/l

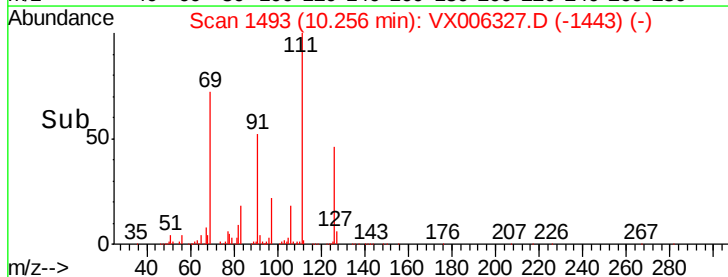
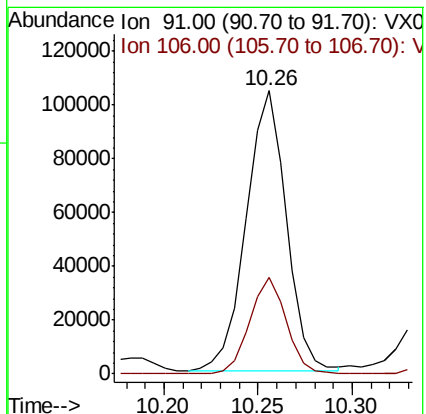
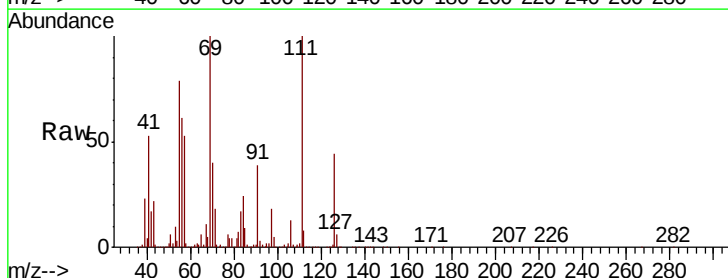
RT: 10.26 min Scan# 1493

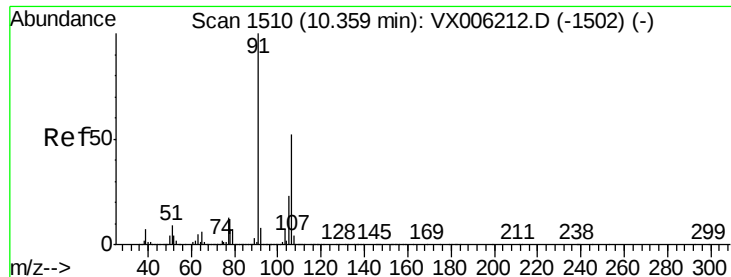
Delta R.T. 0.01 min

Lab File: VX006327.D

Acq: 06 Dec 2018 19:10

Tgt Ion:	91	Resp:	153547
Ion	Ratio	Lower	Upper
91	100		
106	34.4	26.5	39.7





#68

m/p-Xylenes

Concen: 112.338 ug/l

RT: 10.37 min Scan# 1511

Delta R.T. 0.01 min

Lab File: VX006327.D

Acq: 06 Dec 2018 19:10

Instrument :

MSVOA_X

ClientSampleId :

4UST-BASEME

Tot Ion:106 Resp: 1450985

Ion Ratio Lower Upper

106 100

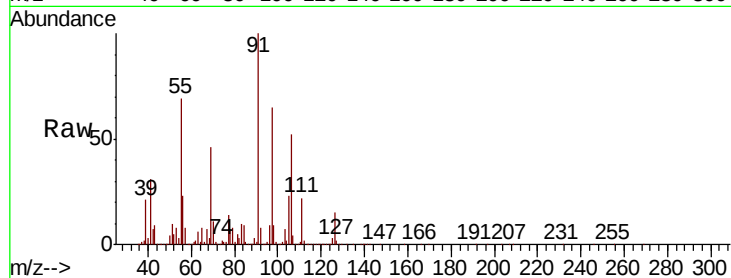
91 198.4 155.2 232.8

Manual Integrations

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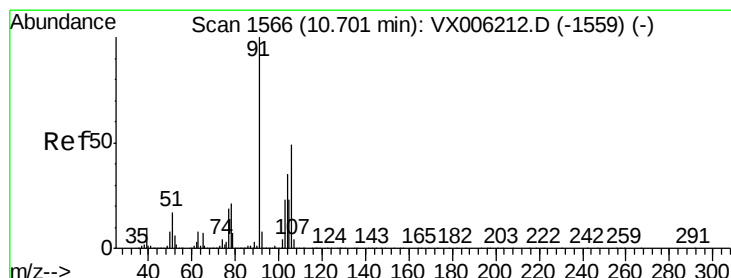
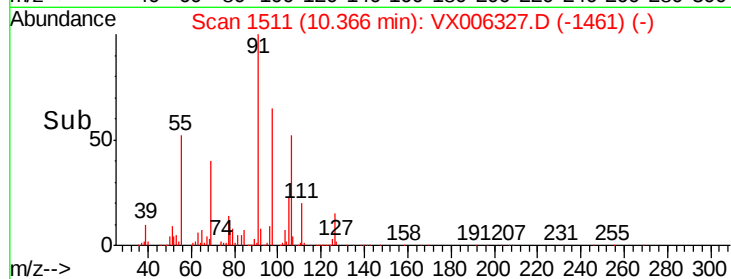
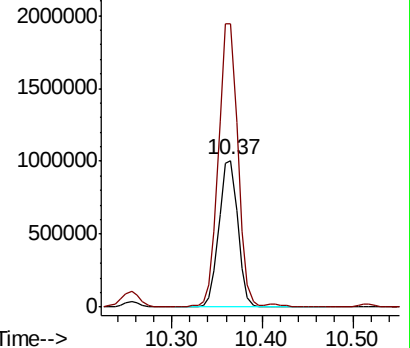
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 67.995 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006327.D

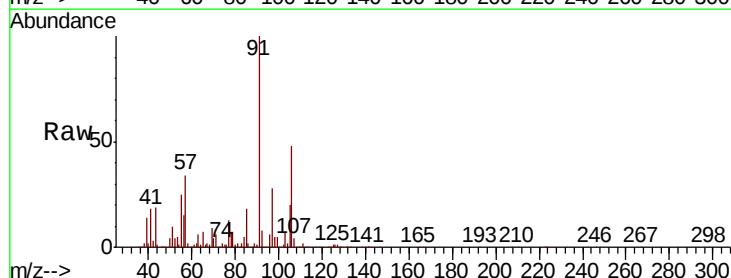
Acq: 06 Dec 2018 19:10

Tgt Ion:106 Resp: 867490

Ion Ratio Lower Upper

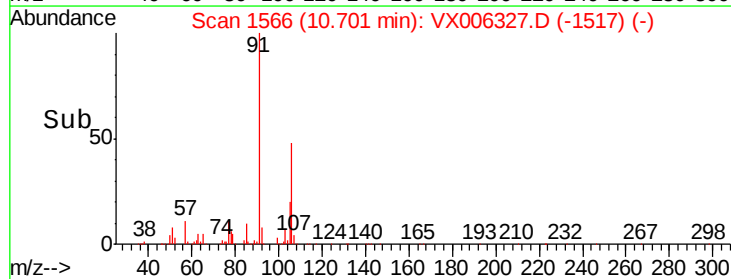
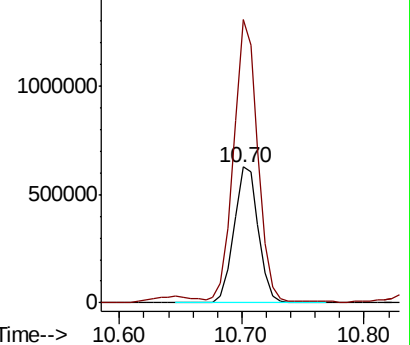
106 100

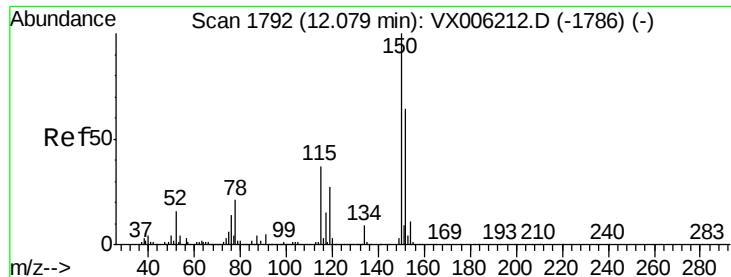
91 205.2 101.8 305.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

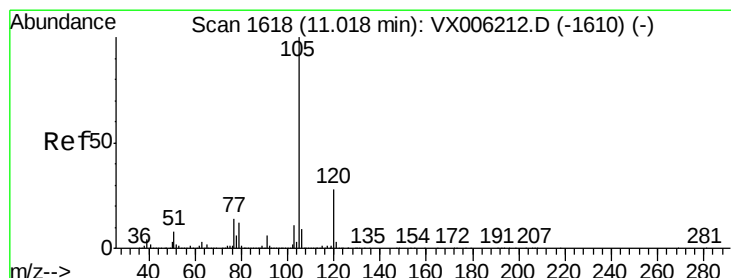
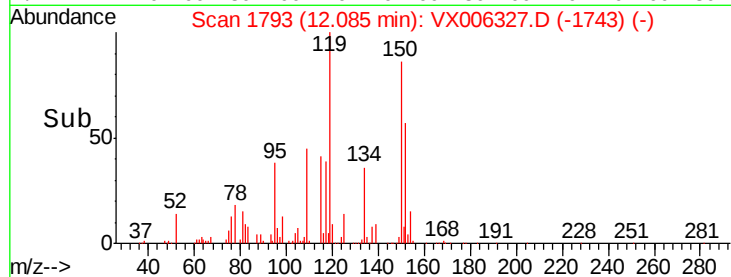
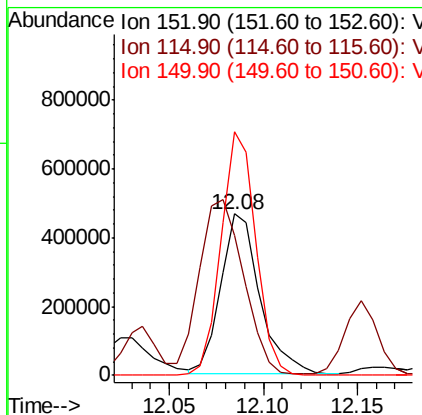
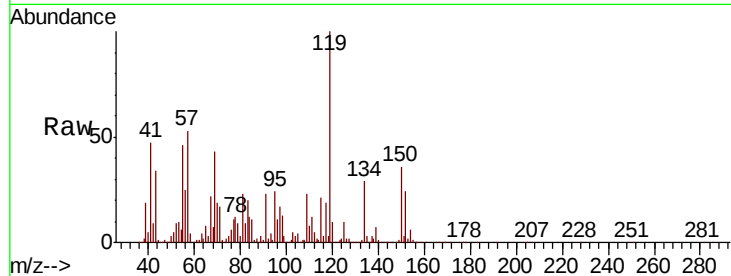
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEME

Tot Ion	Ratio	Lower	Upper
152	100		
115	123.7	39.0	116.9#
150	134.2	0.0	345.8

Manual Integrations
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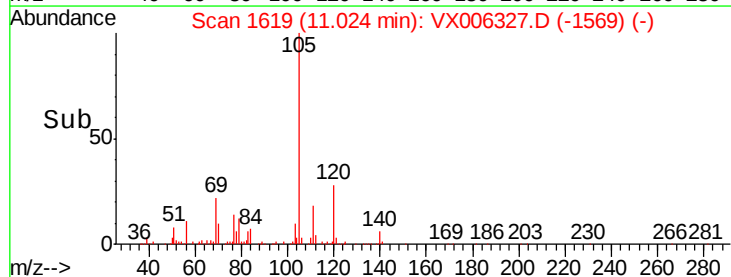
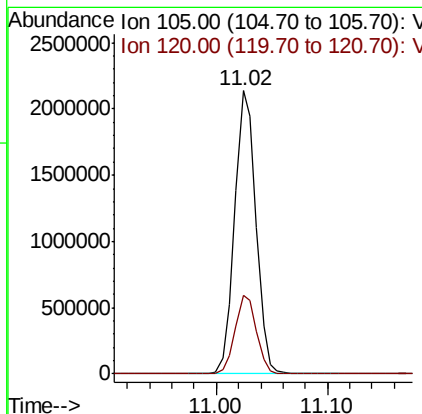
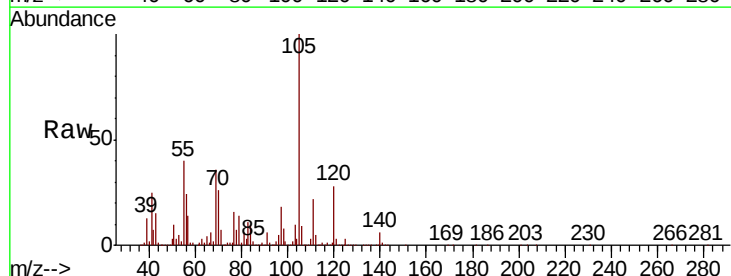
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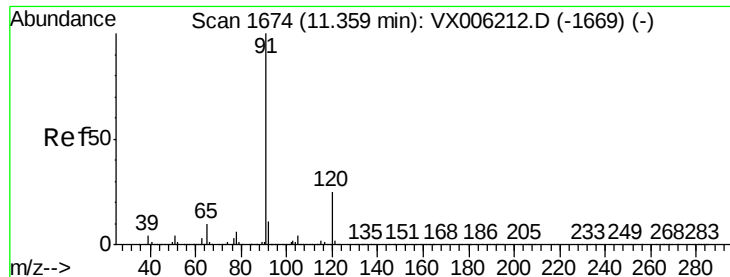


#73

Isopropylbenzene
Concen: 60.785 ug/l
RT: 11.02 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	14.1	42.3





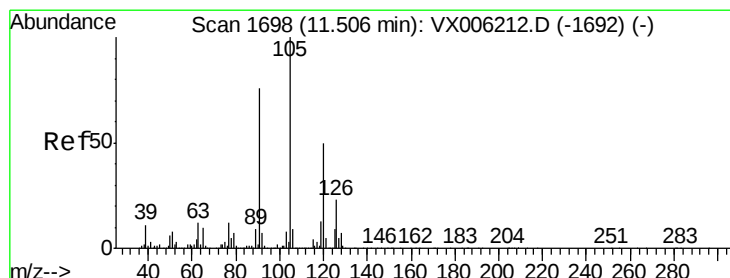
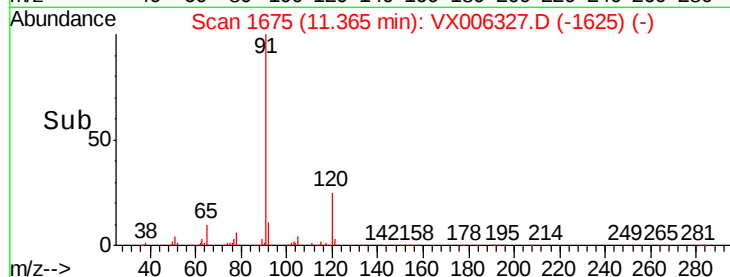
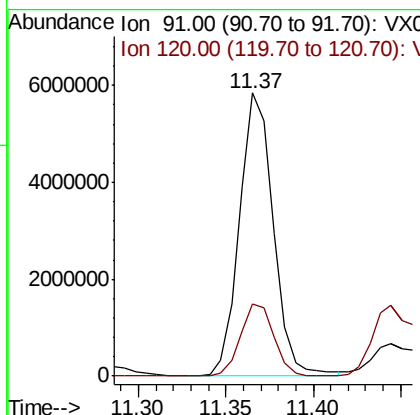
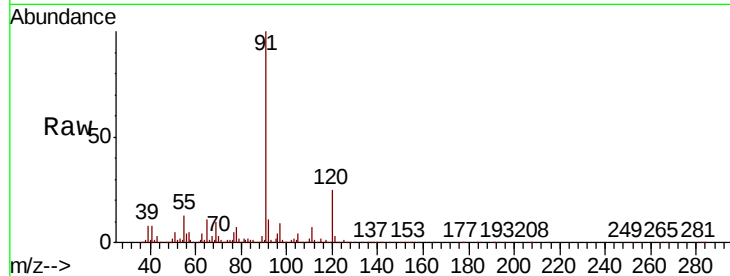
#78
n-propylbenzene
Concen: 151.134 ug/l
RT: 11.37 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEME

Tot Ion: 91 Resp: 7803777
Ion Ratio Lower Upper
91 100
120 25.2 12.7 38.0

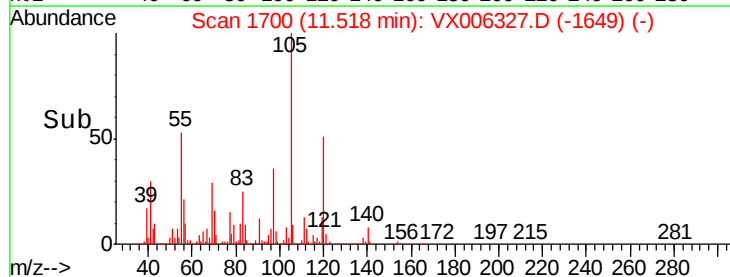
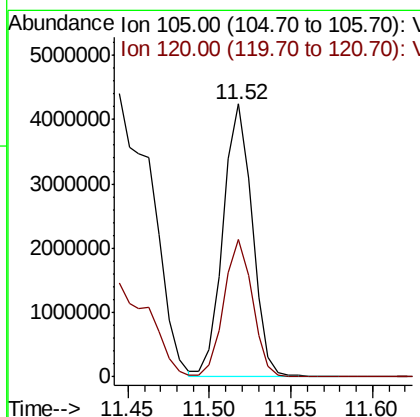
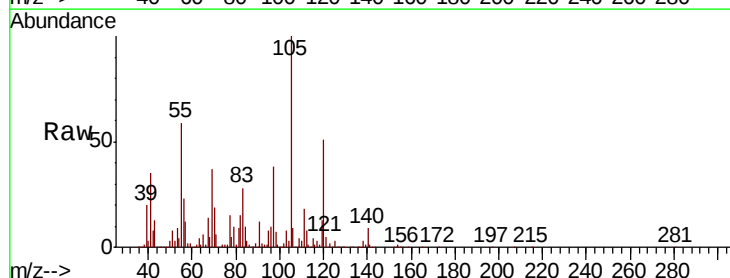
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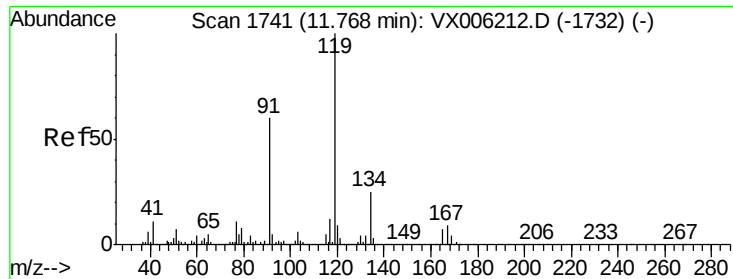
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#80
1,3,5-Trimethylbenzene
Concen: 136.828 ug/l
RT: 11.52 min Scan# 1700
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Tgt Ion: 105 Resp: 5288228
Ion Ratio Lower Upper
105 100
120 49.5 25.4 76.0





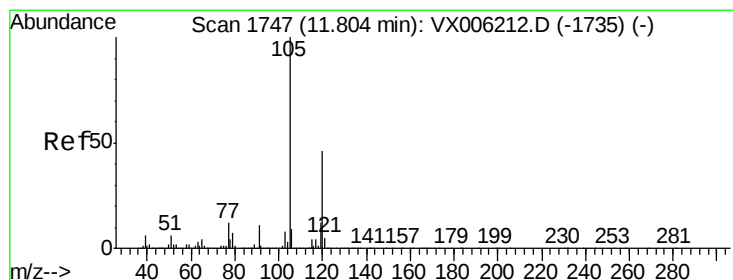
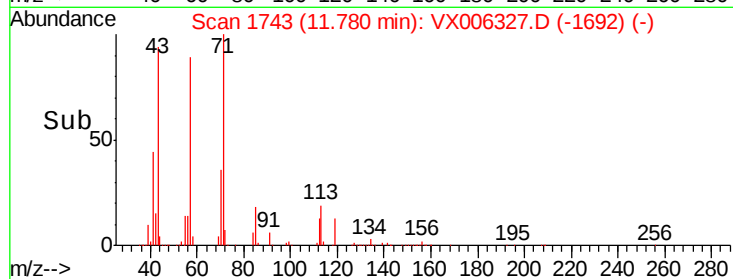
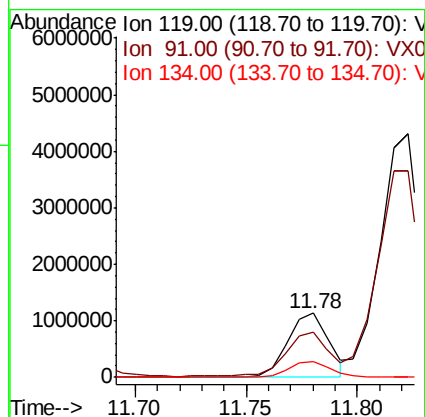
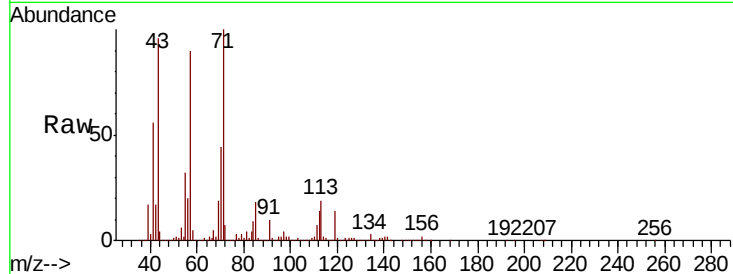
#83
tert-Butylbenzene
Concen: 35.085 ug/l
RT: 11.78 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEME

Tot Ion:119 Resp: 1446802
Ion Ratio Lower Upper
119 100
91 71.3 26.4 79.2
134 25.4 11.6 34.7

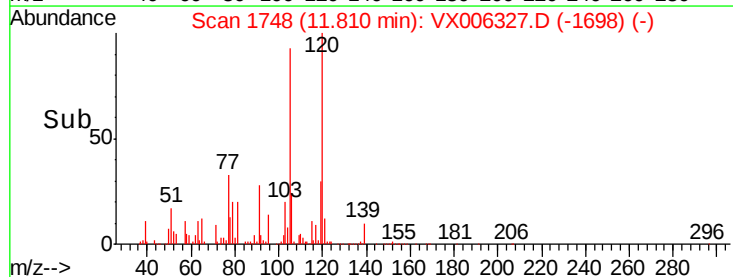
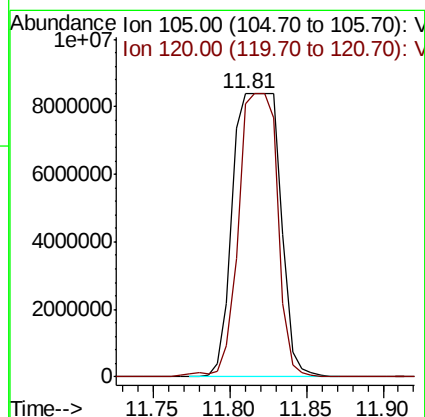
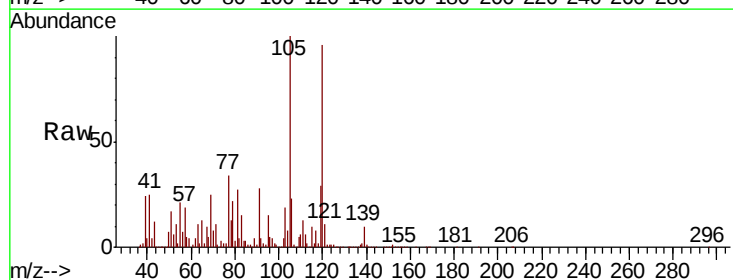
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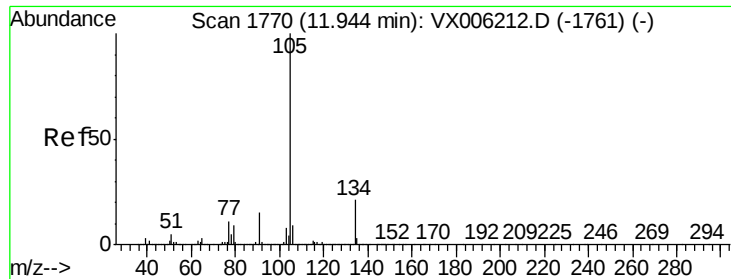
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#84
1,2,4-Trimethylbenzene
Concen: 449.111 ug/l m
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Tgt Ion:105 Resp:17923227
Ion Ratio Lower Upper
105 100
120 4.7 23.4 70.0#





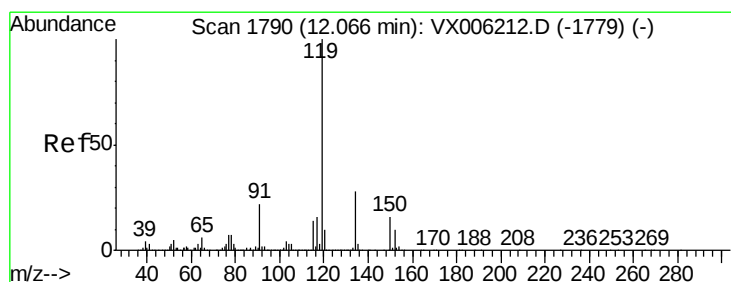
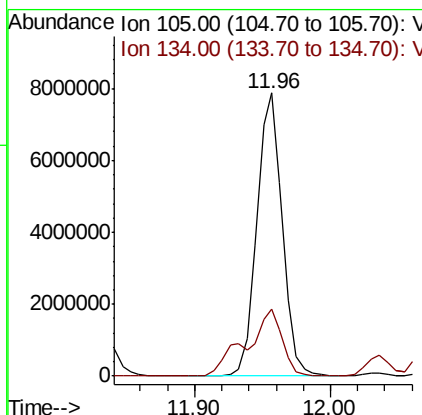
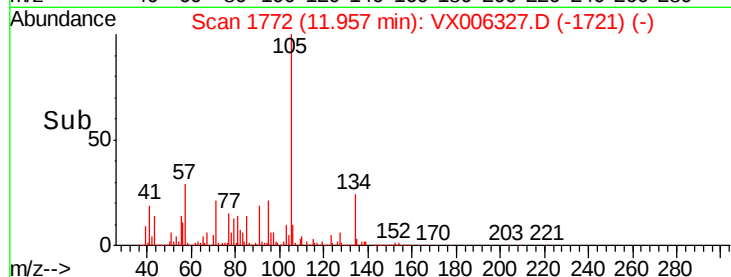
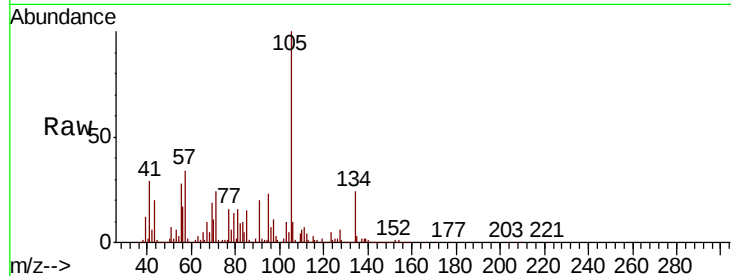
#85
 sec-Butylbenzene
 Concen: 219.309 ug/l
 RT: 11.96 min Scan# 1772
 Delta R.T. 0.01 min
 Lab File: VX006327.D
 Acq: 06 Dec 2018 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 4UST-BASEME

Tot Ion:105 Resp:10288287
 Ion Ratio Lower Upper
 105 100
 134 33.7 10.8 32.4#

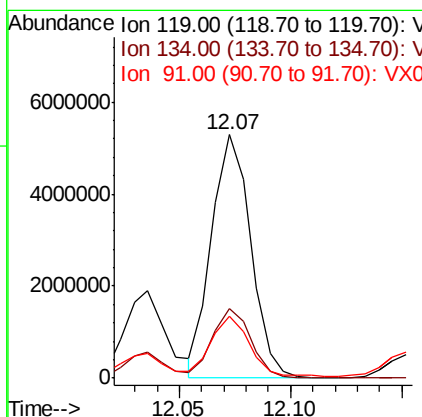
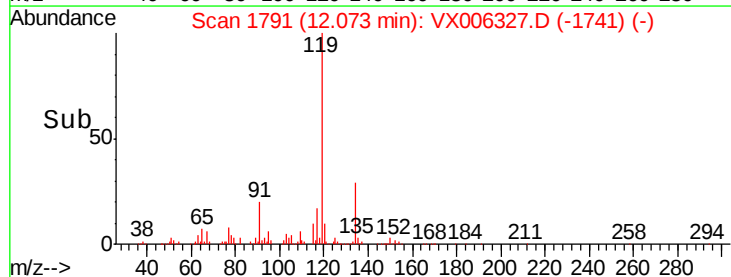
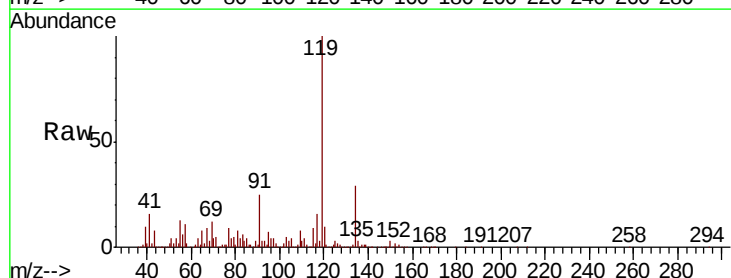
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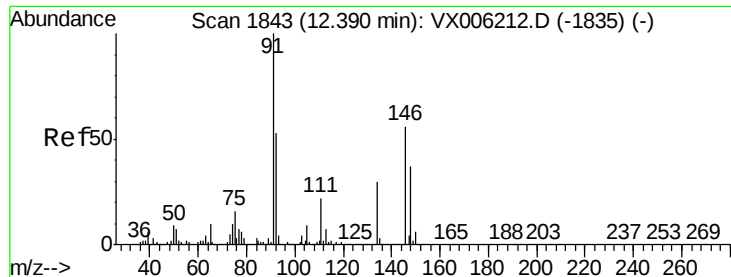
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#86
 p-Isopropyltoluene
 Concen: 152.777 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX006327.D
 Acq: 06 Dec 2018 19:10

Tgt Ion:119 Resp: 6453742
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.9 41.6
 91 23.8 11.3 33.8





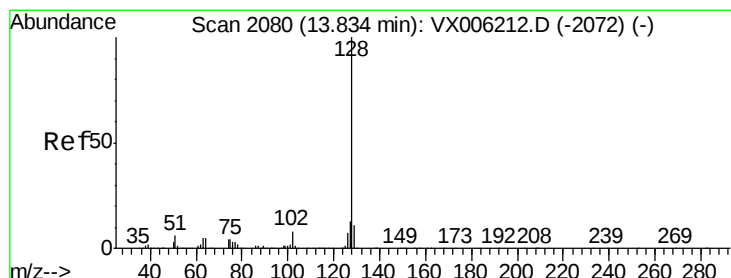
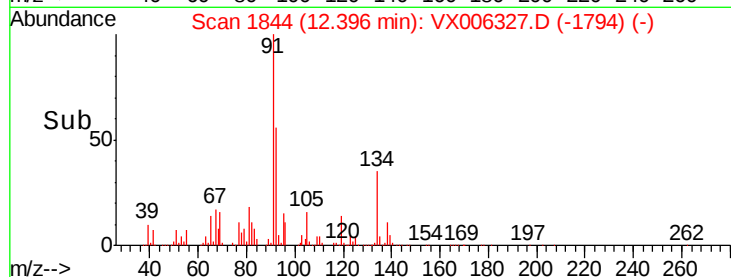
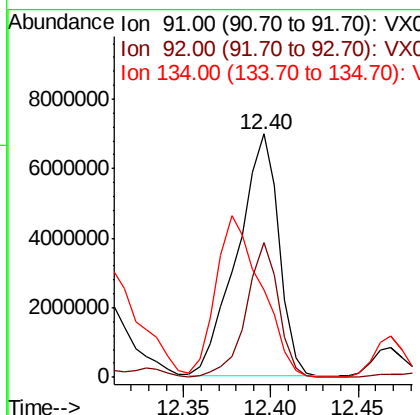
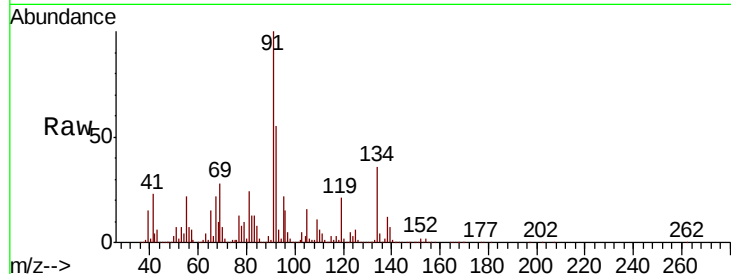
#89
n-Butylbenzene
Concen: 318.436 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. 0.01 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Instrument :
MSVOA_X
ClientSampleId :
4UST-BASEME

Tot Ion: 91 Resp: 11477601
Ion Ratio Lower Upper
91 100
92 43.4 26.6 79.8
134 73.1 14.8 44.3#

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#95
Naphthalene
Concen: 39.861 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006327.D
Acq: 06 Dec 2018 19:10

Tgt Ion: 128 Resp: 2059301
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.4
129 15.3 8.9 13.3#

