

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012418.D
 Acq On : 16 Sep 2019 20:15
 Operator : JC/SP
 Sample : K4830-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0279

Manual Integrations
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MMDadoda
 9/18/2019 12:02:29 PM

Quant Time: Sep 17 05:34:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	114272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	189710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	176444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112255	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.49	113	78286	42.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.20%	
50) Toluene-d8	8.71	98	294407	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
62) 4-Bromofluorobenzene	11.14	95	116648	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	3201	3.044	ug/l #	87
31) Cyclohexane	5.57	56	15308	9.516	ug/l	99
39) Methylcyclohexane	7.45	83	20502	12.175	ug/l #	77
67) Ethyl Benzene	10.25	91	66741	9.493	ug/l	99
68) m/p-Xylenes	10.35	106	41188	15.871	ug/l	98
69) o-Xylene	10.70	106	8405	3.123	ug/l	99
73) Isopropylbenzene	11.01	105	84694	12.318	ug/l	97
78) n-propylbenzene	11.35	91	92276	11.875	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	6287	1.050	ug/l	99
83) tert-Butylbenzene	11.76	119	3153	0.496	ug/l	81
84) 1,2,4-Trimethylbenzene	11.81	105	220675	36.323	ug/l	98
85) sec-Butylbenzene	11.94	105	37601	5.355	ug/l	97
86) p-Isopropyltoluene	12.06	119	17420	2.708	ug/l	94
89) n-Butylbenzene	12.38	91	6098m	1.073	ug/l	
95) Naphthalene	13.83	128	118798	14.429	ug/l #	95

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

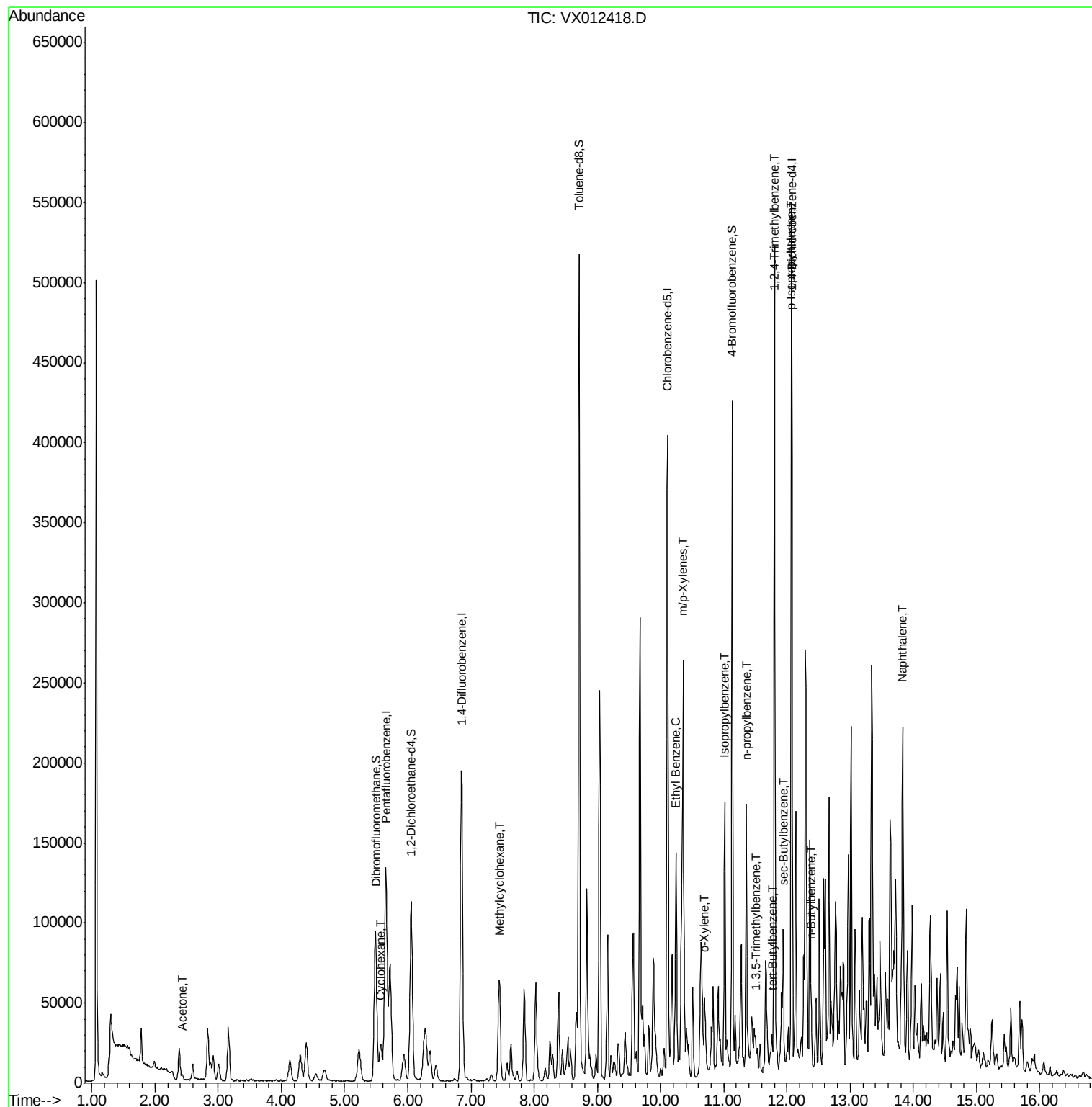
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Data File : VX012418.D
Acq On : 16 Sep 2019 20:15
Operator : JC/SP
Sample : K4830-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

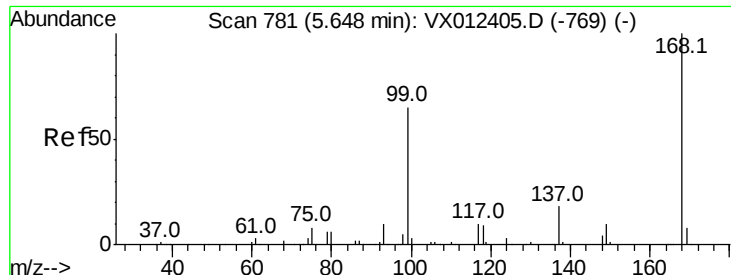
Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Time: Sep 17 05:34:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





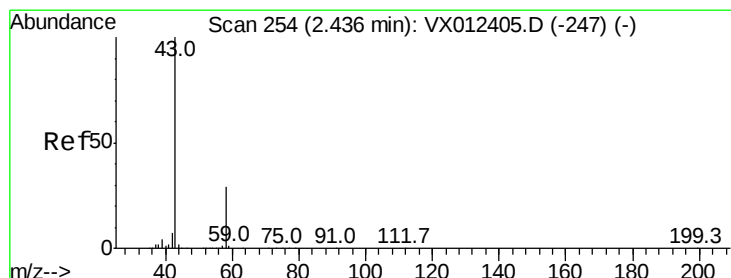
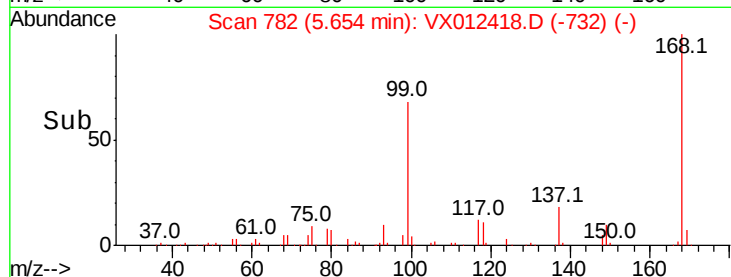
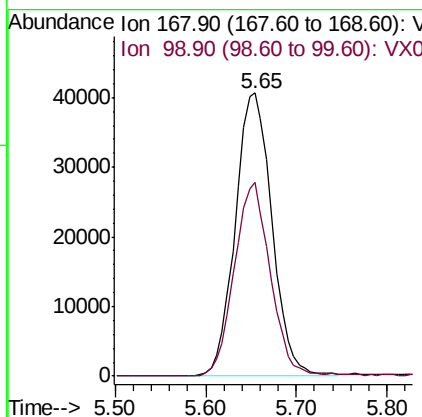
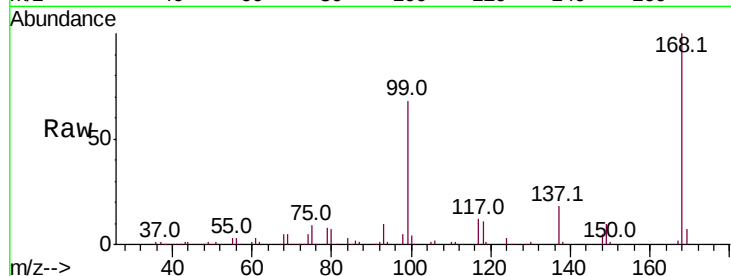
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
S13-0279

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
99	68.5	51.8	77.6	

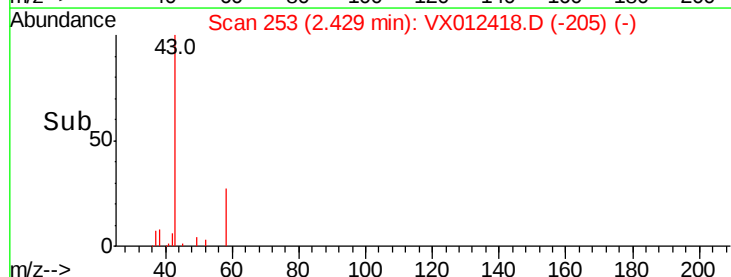
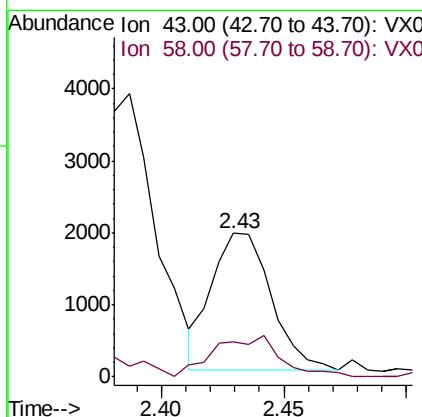
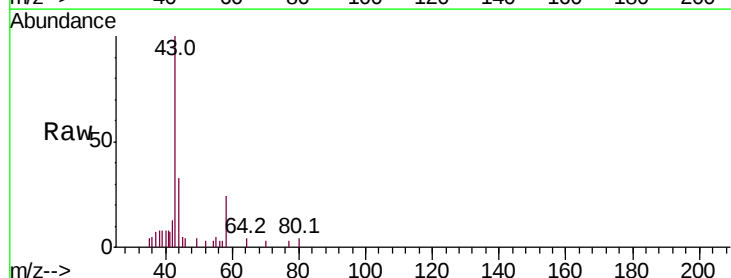
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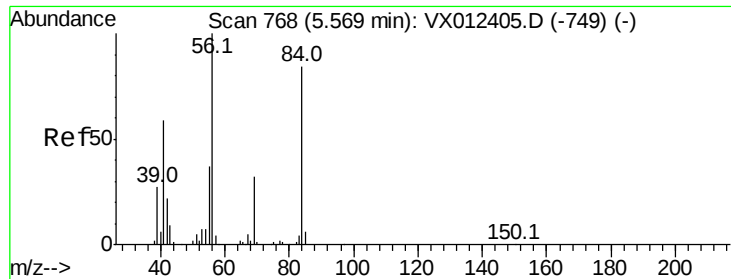
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#16
Acetone
Concen: 3.044 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
58	22.4	23.5	35.3	





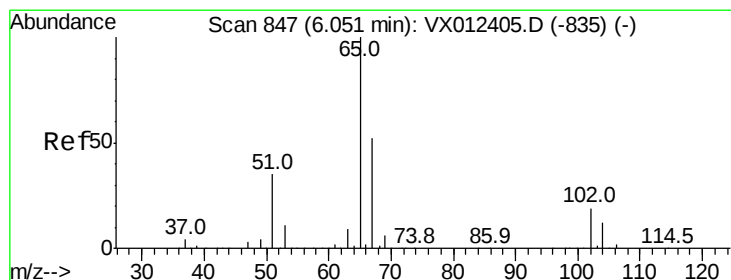
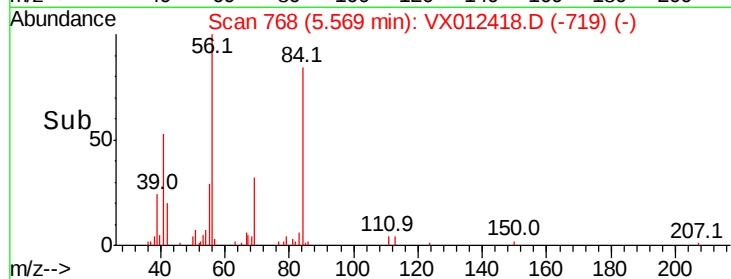
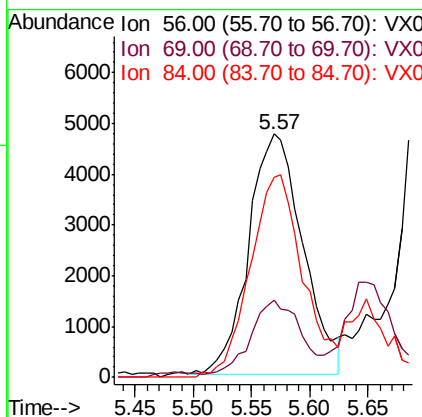
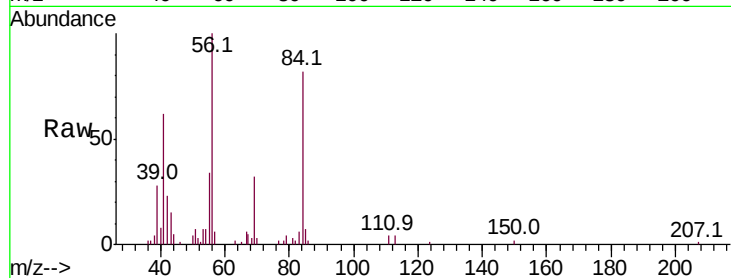
#31
Cyclohexane
Concen: 9.516 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Instrument :
MSVOA_X
ClientSampled :
S13-0279

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.9	37.3
84	83.1	67.2	100.8

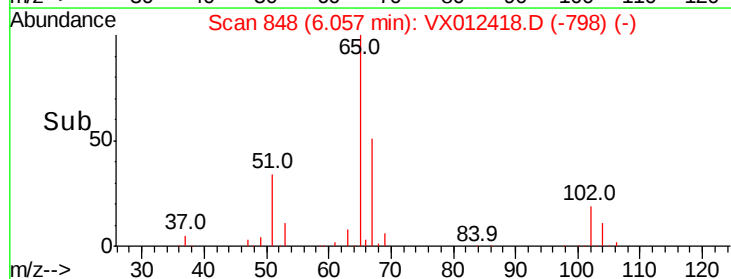
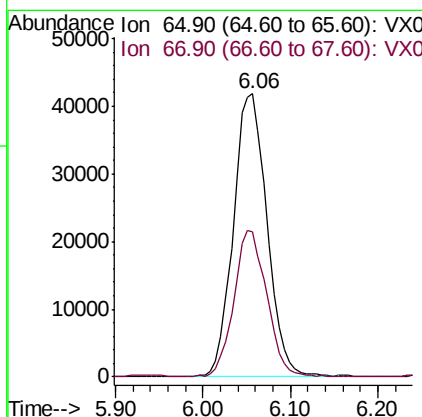
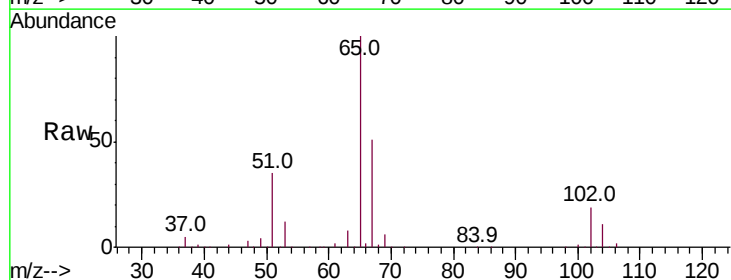
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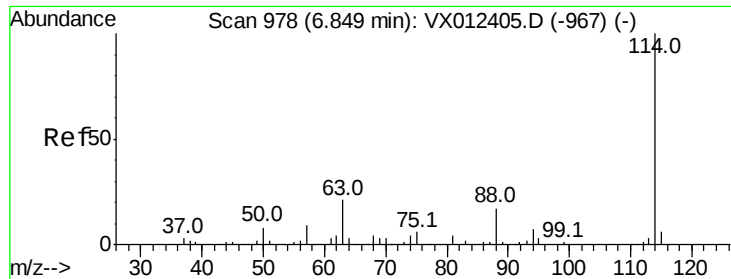
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#33
1,2-Dichloroethane-d4
Concen: 47.942 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	102.8





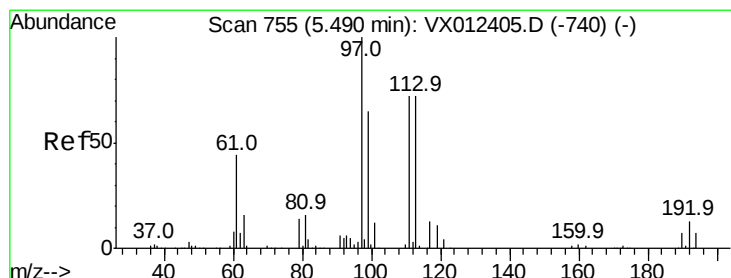
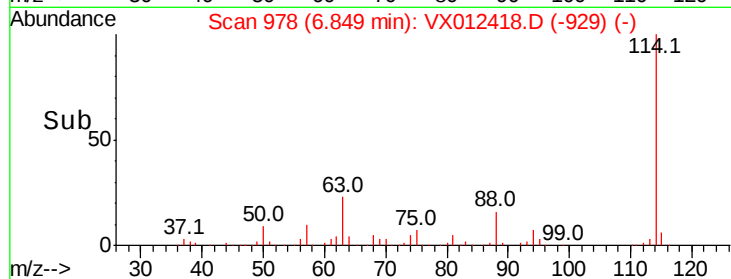
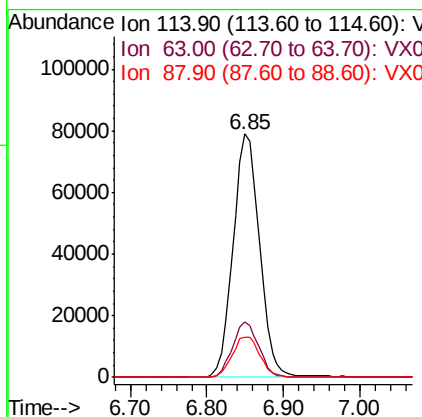
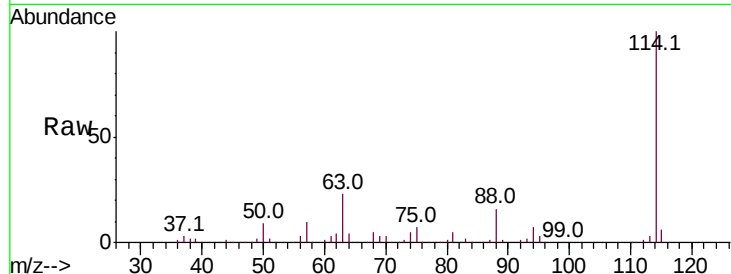
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Instrument :
 MSVOA_X
 ClientSampled :
 S13-0279

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.0	0.0	42.4
88	16.4	0.0	33.4

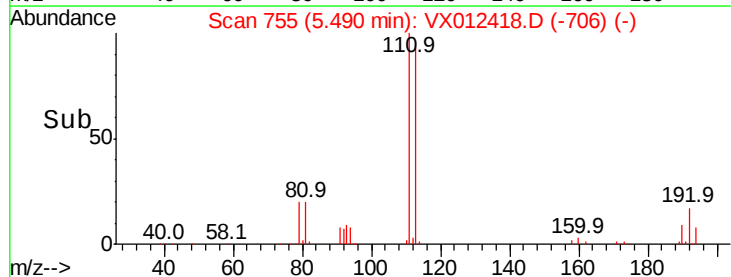
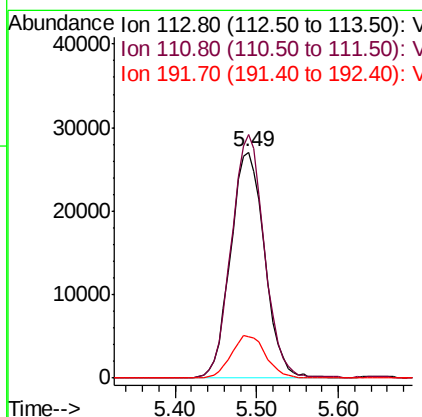
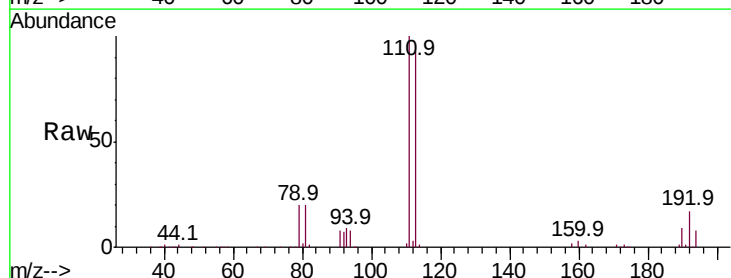
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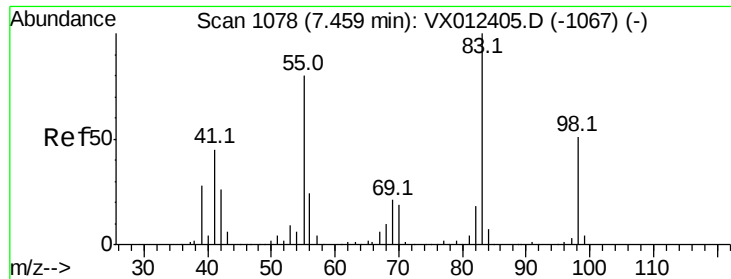
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#35
 Dibromofluoromethane
 Concen: 42.600 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.3	81.8	122.6
192	19.1	15.0	22.4





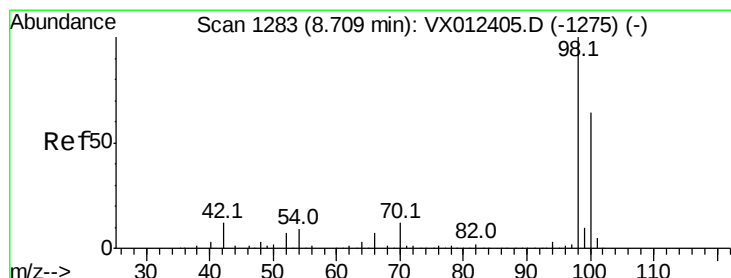
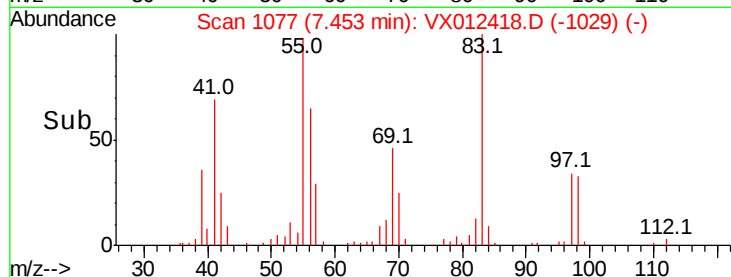
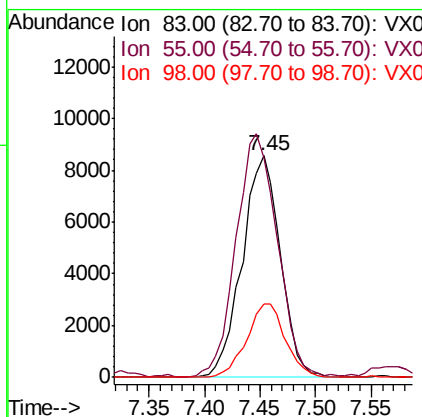
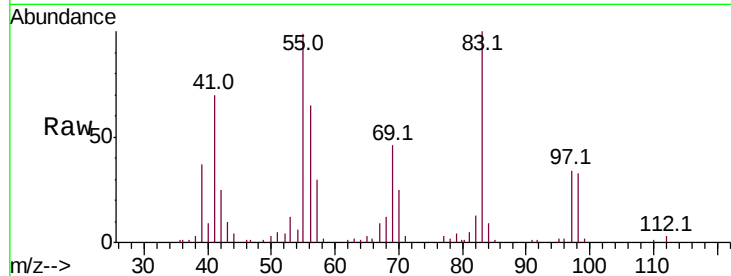
#39
Methvlcvclohexane
Concen: 12.175 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
S13-0279

Tot Ion	Ratio	Lower	Upper
83	100		
55	98.9	63.8	95.6#
98	33.1	40.6	61.0#

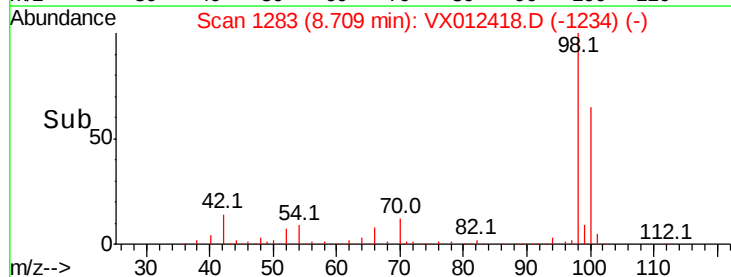
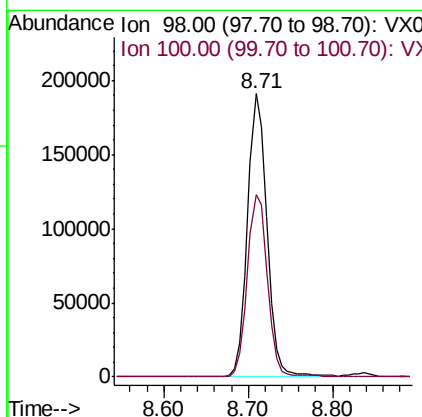
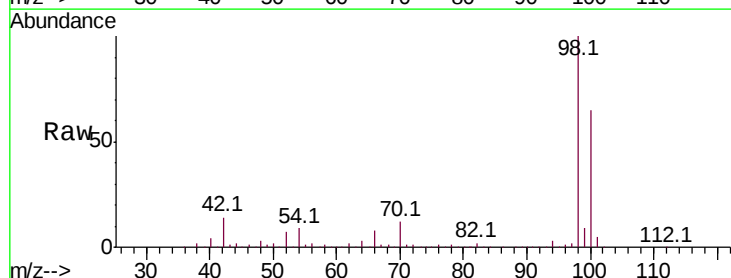
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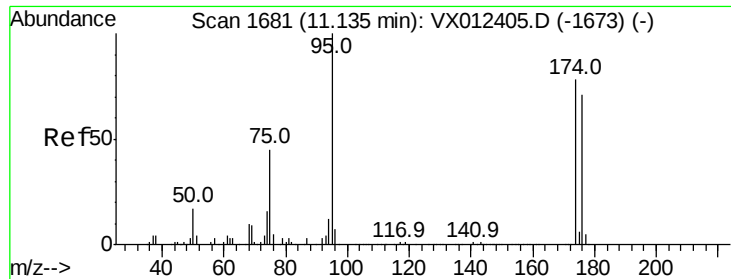
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#50
Toluene-d8
Concen: 45.146 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.4	81.6





#62

4-Bromofluorobenzene

Concen: 42.516 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

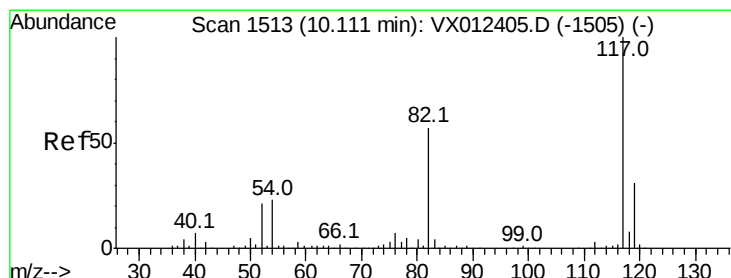
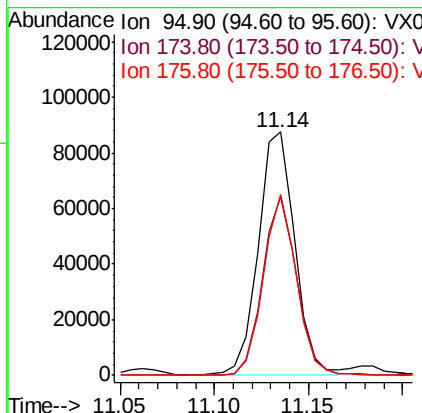
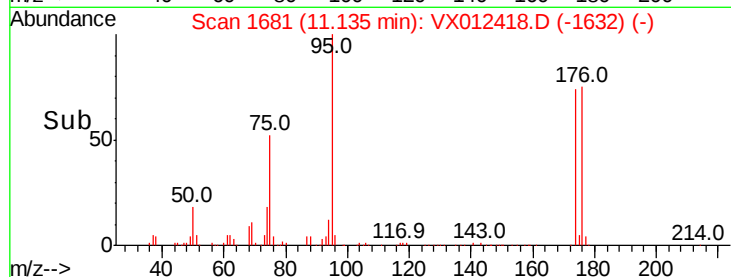
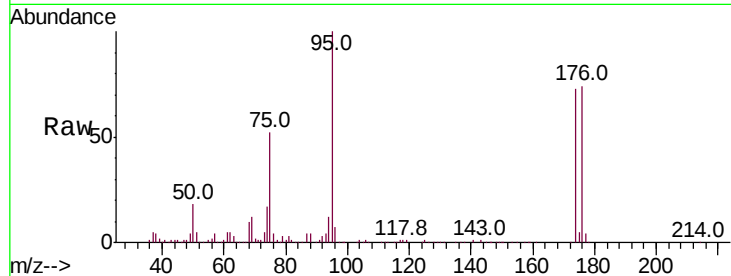
ClientSampled :

S13-0279

Tot Ion:	95	Resp:	116648
Ion Ratio	Lower	Upper	
95	100		
174	69.4	0.0	146.0
176	67.9	0.0	137.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

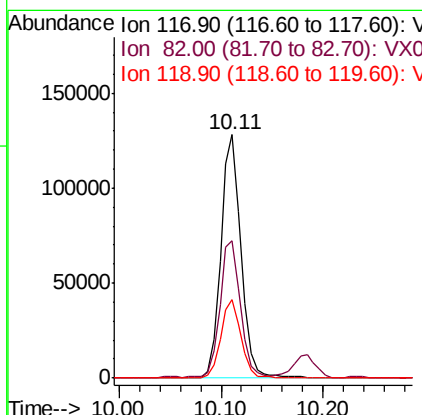
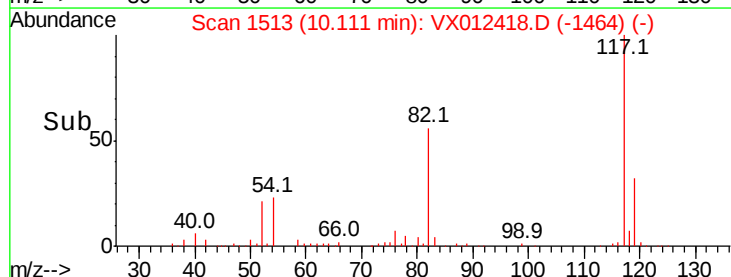
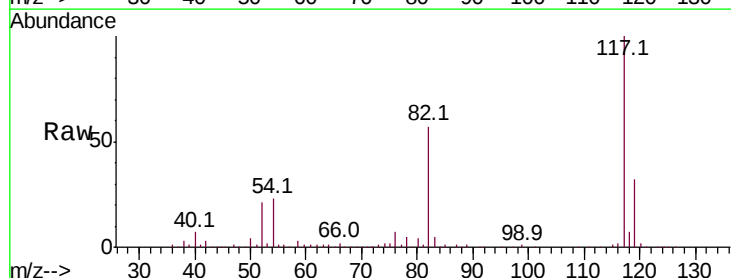
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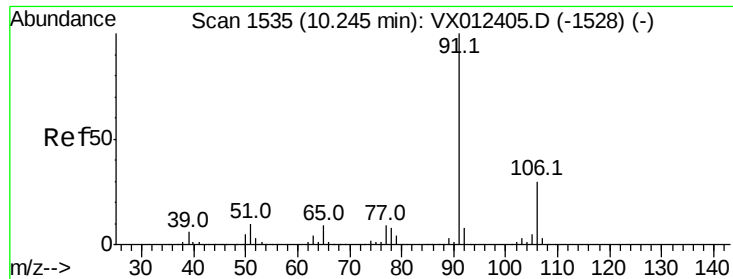
Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Tgt Ion:	117	Resp:	176444
Ion Ratio	Lower	Upper	
117	100		
82	56.3	45.8	68.6
119	32.4	24.9	37.3





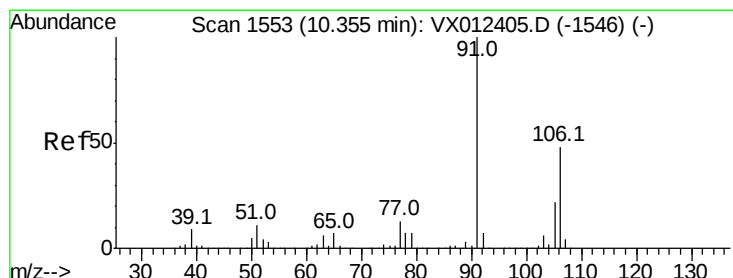
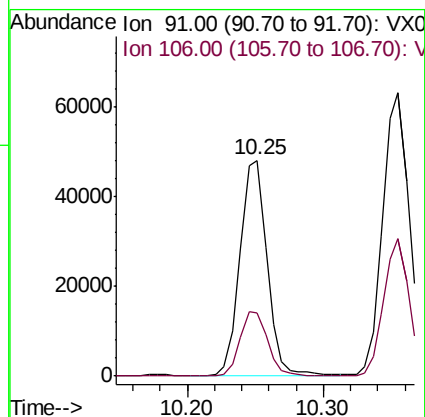
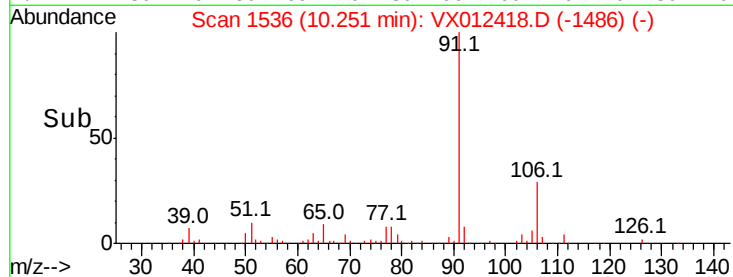
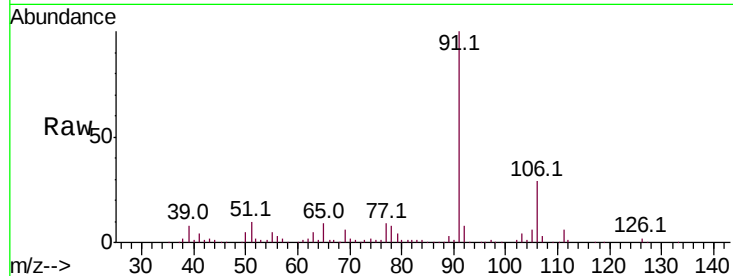
#67
Ethyl Benzene
Concen: 9.493 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
S13-0279

Tot Ion: 91 Resp: 66741
Ion Ratio Lower Upper
91 100
106 29.4 24.0 36.0

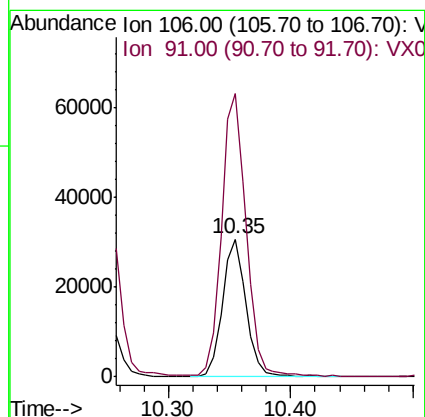
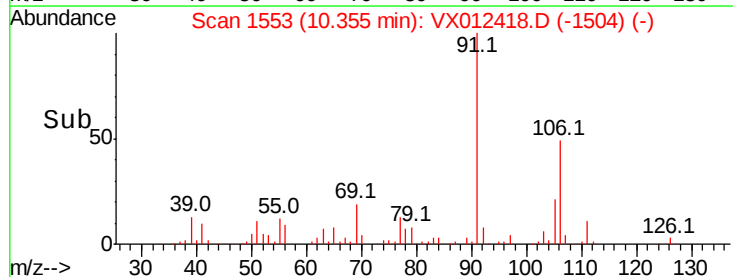
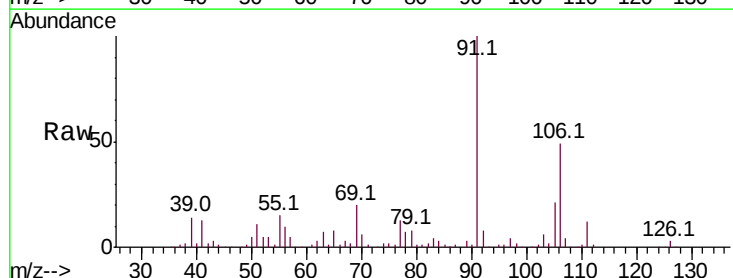
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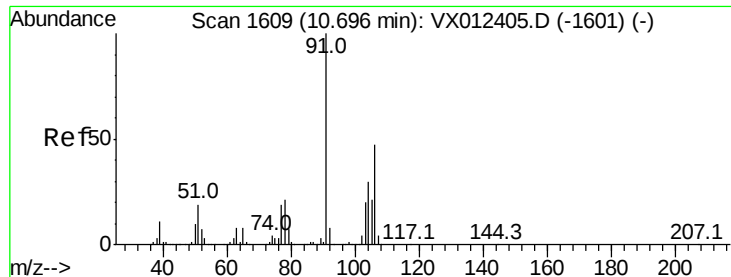
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#68
m/p-Xylenes
Concen: 15.871 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 106 Resp: 41188
Ion Ratio Lower Upper
106 100
91 213.0 167.4 251.0





#69

o-Xylene

Concen: 3.123 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampled :

S13-0279

Tot Ion:106 Resp: 8405

Ion Ratio Lower Upper

106 100

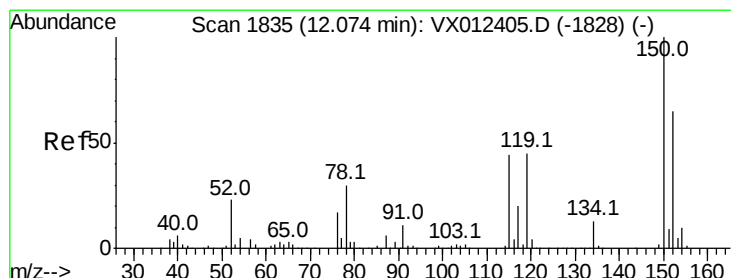
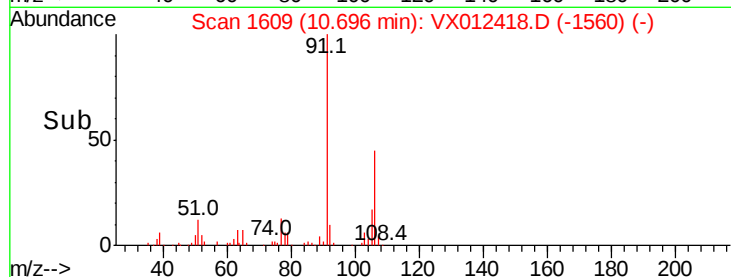
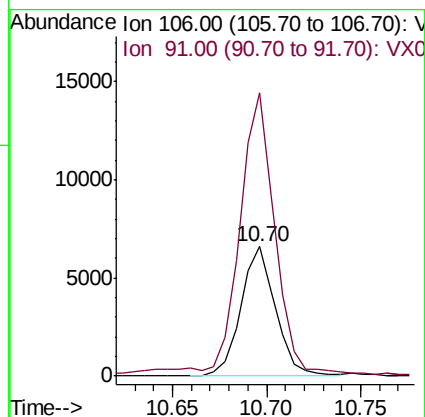
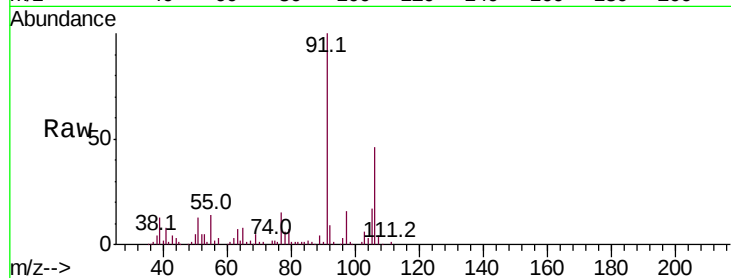
91 214.7 107.8 323.6

Manual Integrations

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9/18/2019 12:02:29 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

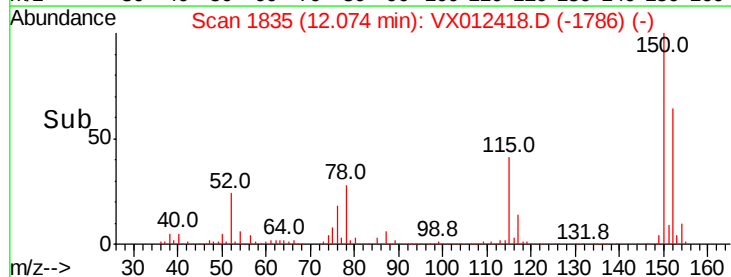
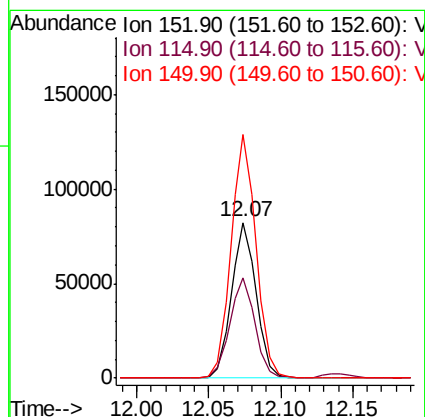
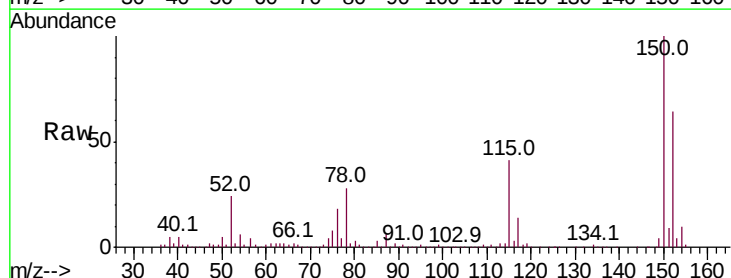
Tgt Ion:152 Resp: 98969

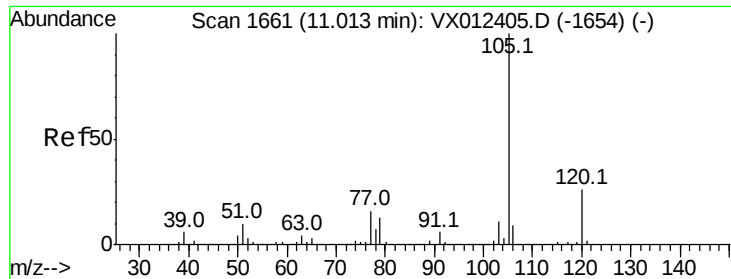
Ion Ratio Lower Upper

152 100

115 65.6 45.3 135.9

150 158.3 0.0 354.0





#73

Isopropylbenzene

Concen: 12.318 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampled :

S13-0279

Tot Ion:105 Resp: 84694

Ion Ratio Lower Upper

105 100

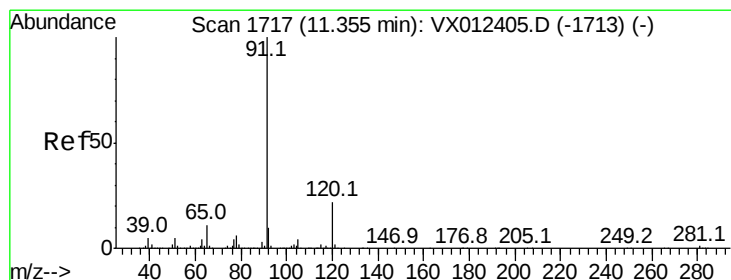
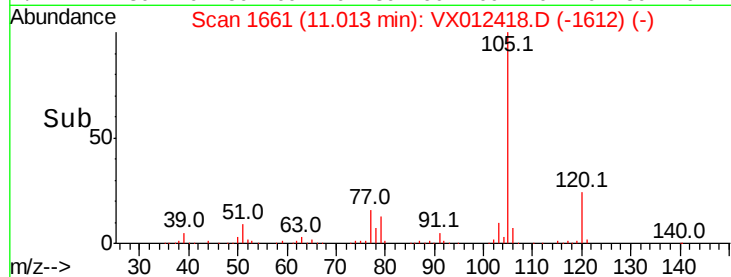
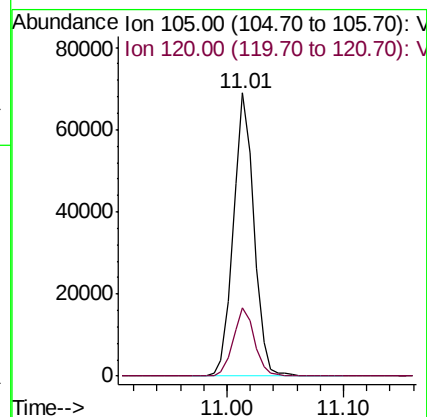
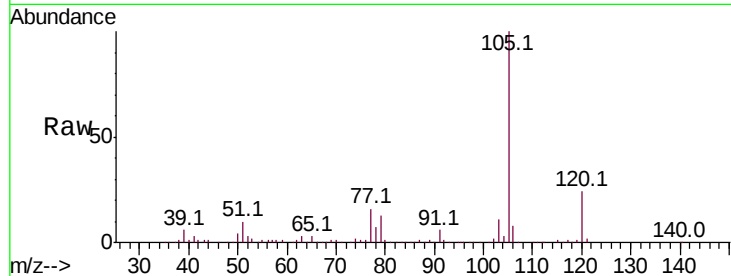
120 24.8 13.2 39.6

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#78

n-propylbenzene

Concen: 11.875 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012418.D

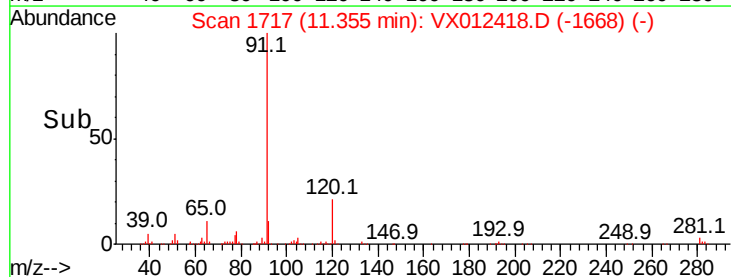
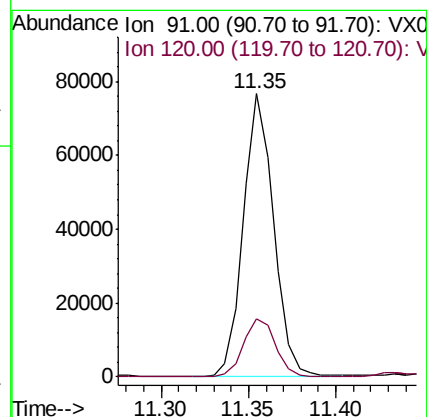
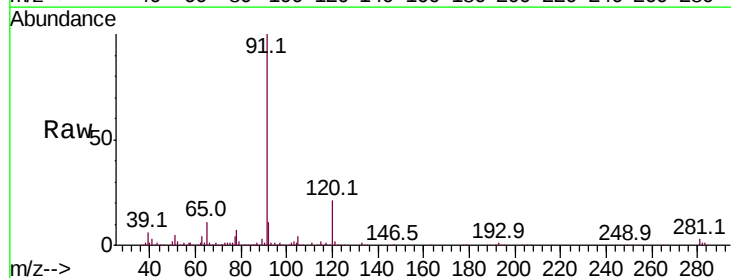
Acq: 16 Sep 2019 20:15

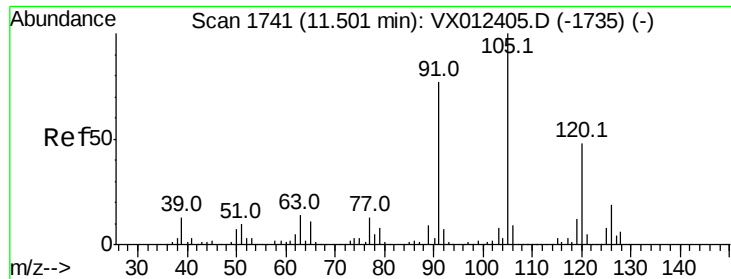
Tgt Ion: 91 Resp: 92276

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4





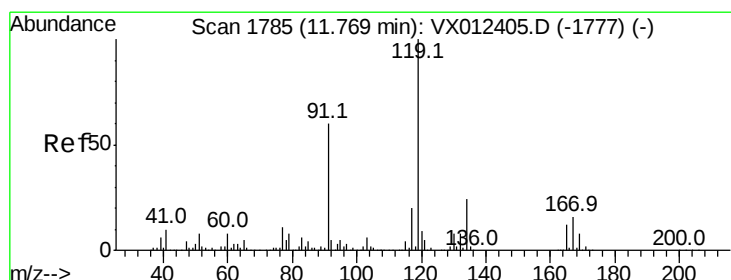
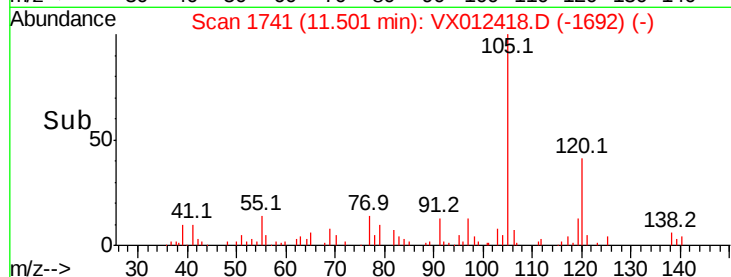
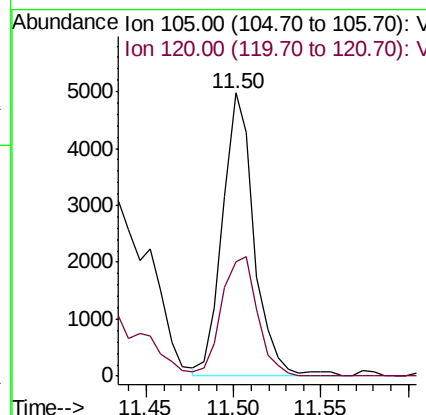
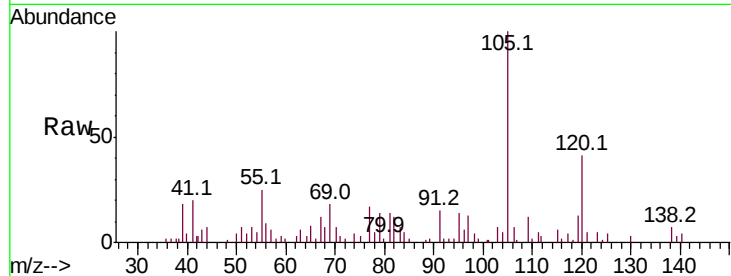
#80
1,3,5-Trimethylbenzene
Concen: 1.050 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Instrument :
MSVOA_X
ClientSampled :
S13-0279

Tot Ion:105 Resp: 6287
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9

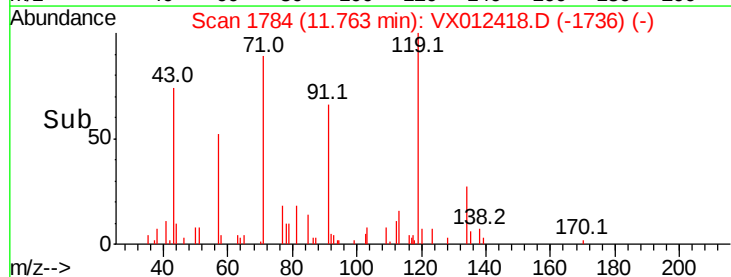
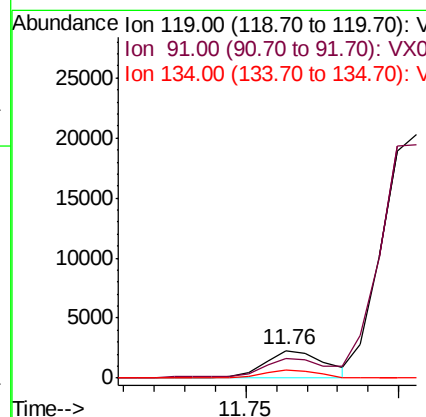
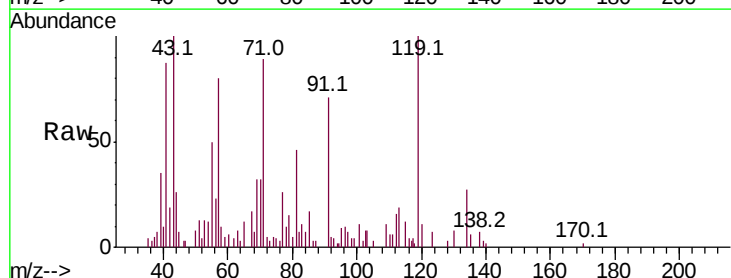
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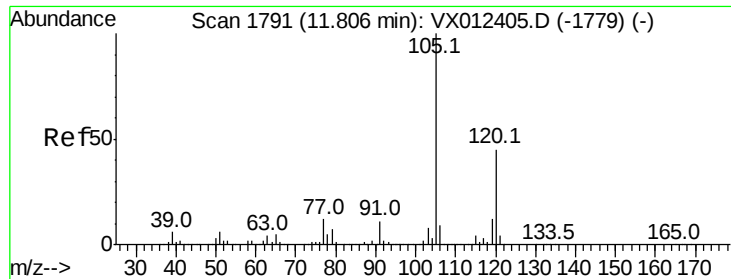
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#83
tert-Butylbenzene
Concen: 0.496 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion:119 Resp: 3153
Ion Ratio Lower Upper
119 100
91 77.4 29.6 88.8
134 25.7 11.4 34.1





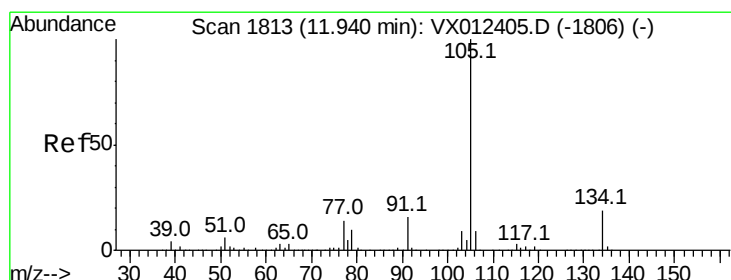
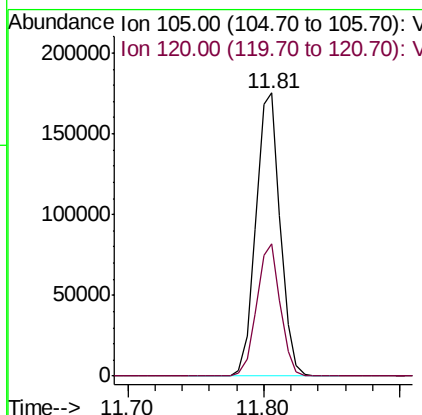
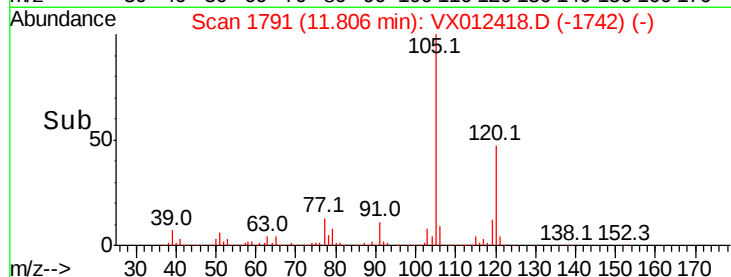
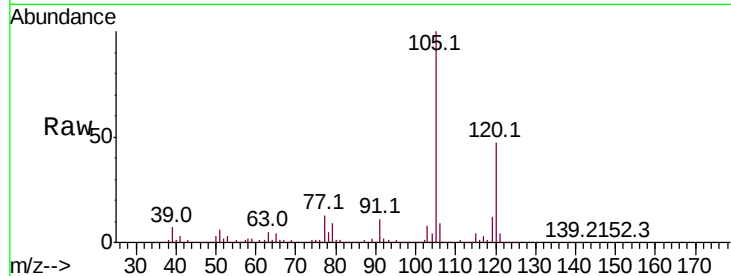
#84
 1,2,4-Trimethylbenzene
 Concen: 36.323 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Instrument :
 MSVOA_X
 ClientSampled :
 S13-0279

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.1	66.5

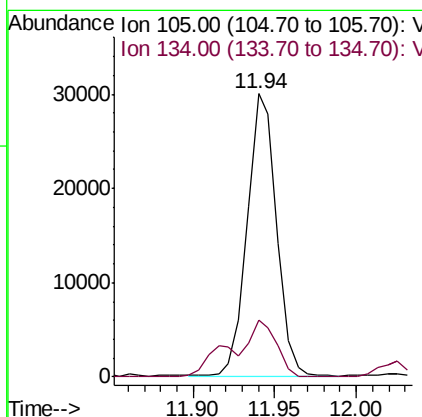
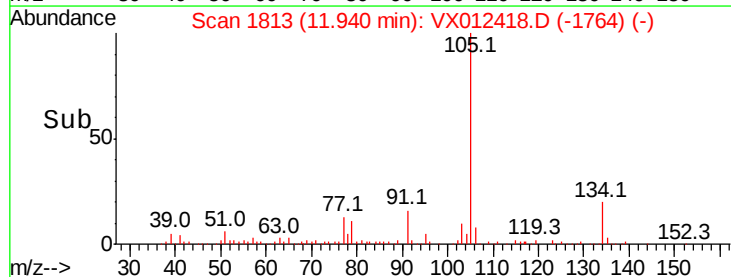
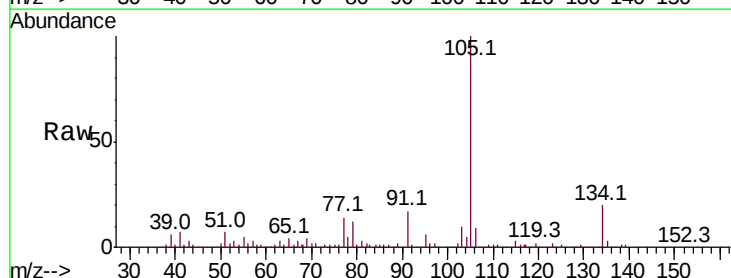
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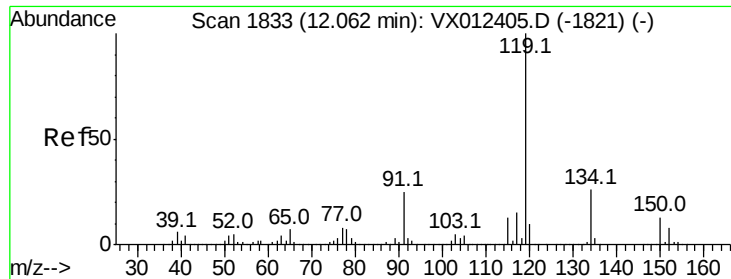
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#85
 sec-Butylbenzene
 Concen: 5.355 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.6	10.1	30.1





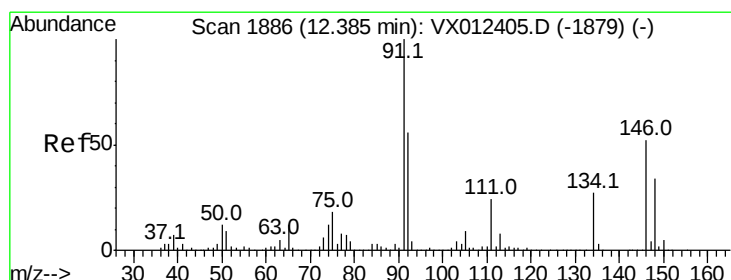
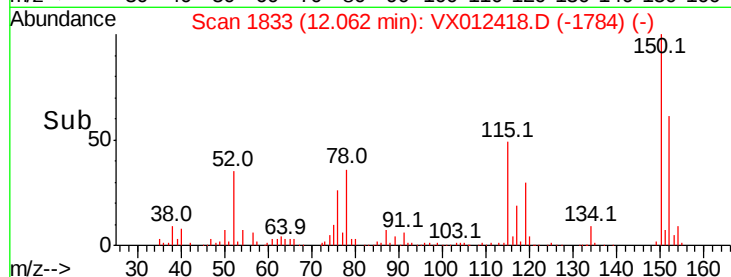
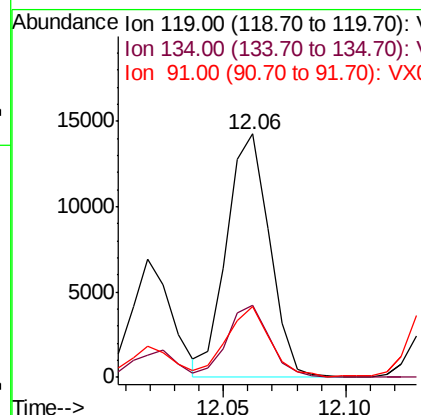
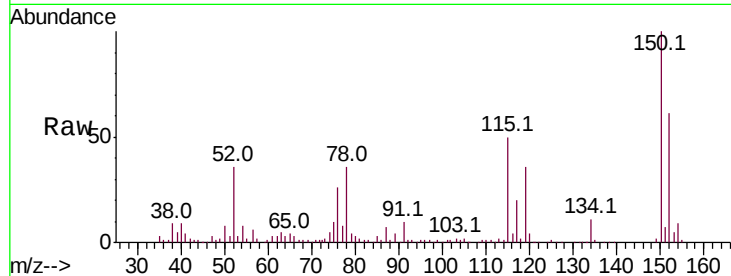
#86
 p-Isopropyltoluene
 Concen: 2.708 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0279

Tot Ion	Ratio	Resp	Lower	Upper
119	100	17420		
134	29.2		12.9	38.6
91	28.3		12.9	38.6

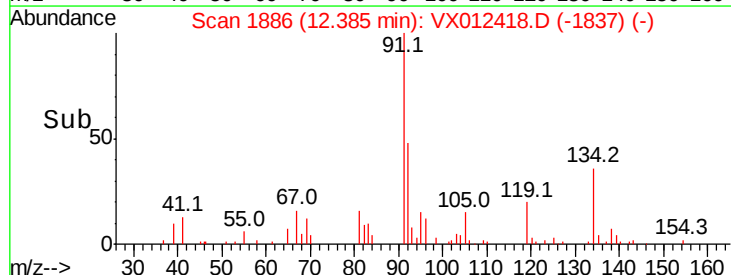
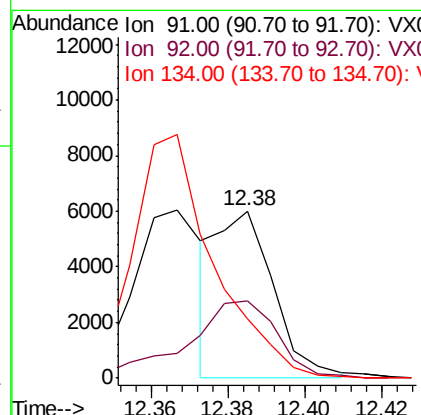
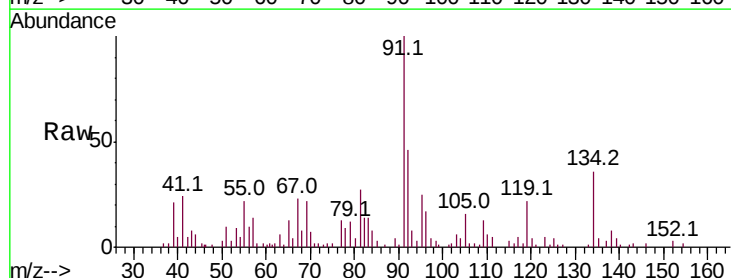
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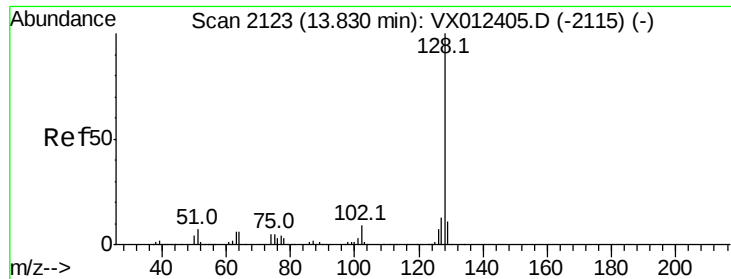
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#89
 n-Butylbenzene
 Concen: 1.073 ug/l m
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	6098		
92	74.6		27.5	82.4
134	207.3		13.2	39.6#





#95
Naphthalene
Concen: 14.429 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Instrument :
MSVOA_X
ClientSampleId :
S13-0279

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.7	10.2	15.4
129	13.6	8.6	13.0

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