

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012417.D
 Acq On : 16 Sep 2019 19:52
 Operator : JC/SP
 Sample : K4830-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0273

Manual Integrations
 APPROVED

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 9/18/2019 12:02:24 PM

Quant Time: Sep 17 05:31:21 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	115297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	186043	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	172955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100465	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119449	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	5.49	113	85983	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
50) Toluene-d8	8.71	98	317189	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.14	95	126772	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
Target Compounds						
16) Acetone	2.43	43	5270m	4.967	ug/l	
31) Cyclohexane	5.57	56	189388	116.684	ug/l	99
39) Methylcyclohexane	7.46	83	294095	178.092	ug/l	97
67) Ethyl Benzene	10.25	91	3426	0.497	ug/l	96
73) Isopropylbenzene	11.01	105	51727	7.411	ug/l	98
78) n-propylbenzene	11.35	91	48310	6.124	ug/l	99
83) tert-Butylbenzene	11.76	119	13147	2.039	ug/l	84
84) 1,2,4-Trimethylbenzene	11.81	105	11020	1.787	ug/l	98
85) sec-Butylbenzene	11.94	105	70697	9.919	ug/l	79
89) n-Butylbenzene	12.39	91	12997m	2.254	ug/l	
95) Naphthalene	13.83	128	31139	3.988	ug/l #	91

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

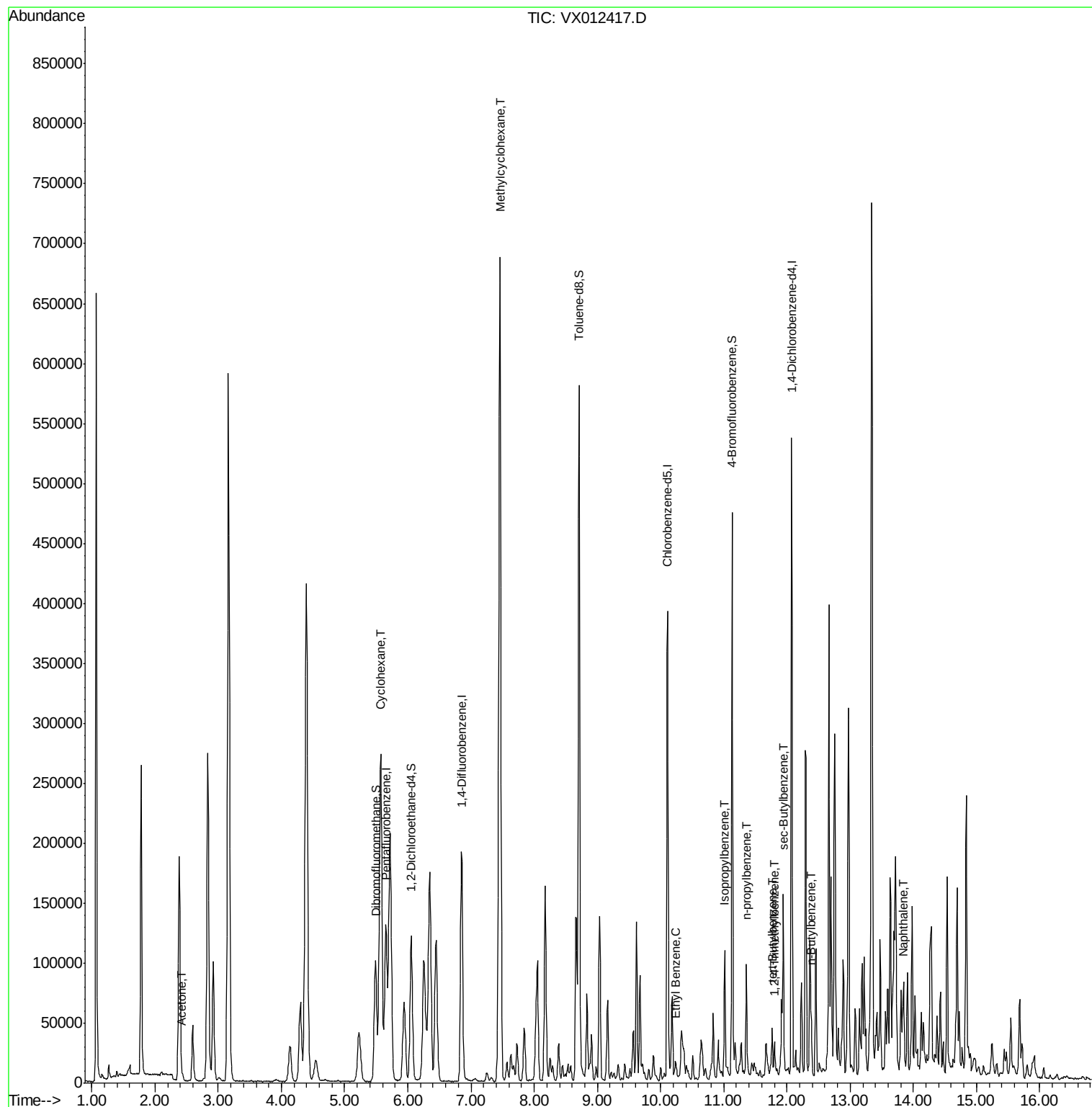
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091619\
Data File : VX012417.D
Acq On : 16 Sep 2019 19:52
Operator : JC/SP
Sample : K4830-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

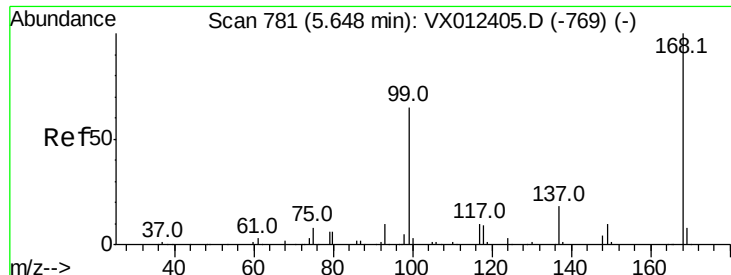
Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Manual Integrations
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Quant Time: Sep 17 05:31:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 04:36:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

Tot Ion:168 Resp: 115297

Ion Ratio Lower Upper

168 100

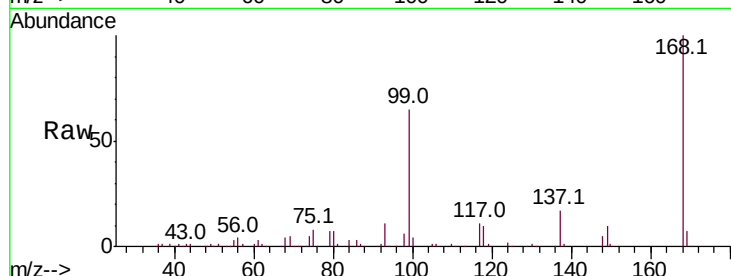
99 65.5 51.8 77.6

Manual Integrations

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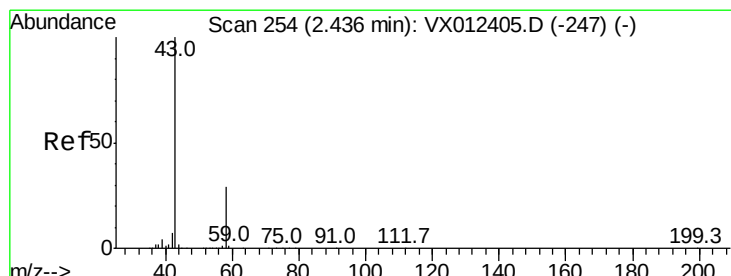
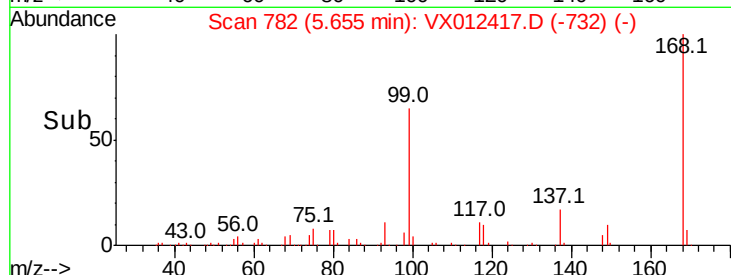
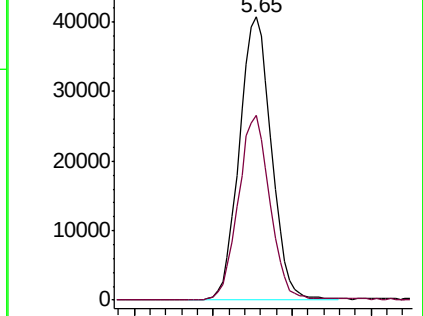
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.967 ug/l m

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012417.D

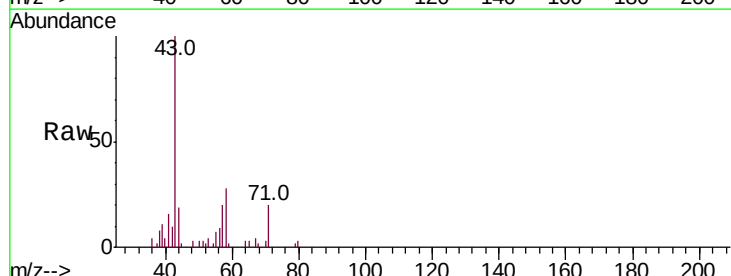
Acq: 16 Sep 2019 19:52

Tgt Ion: 43 Resp: 5270

Ion Ratio Lower Upper

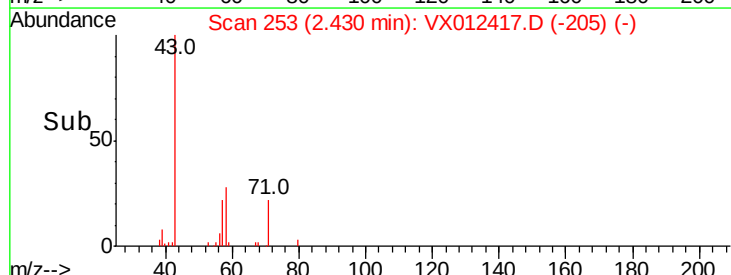
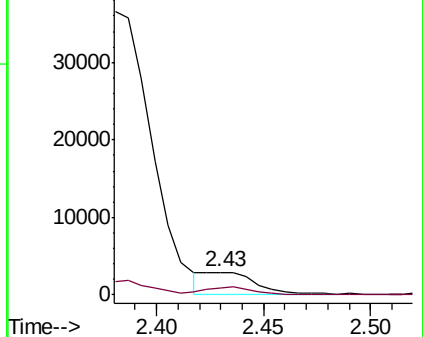
43 100

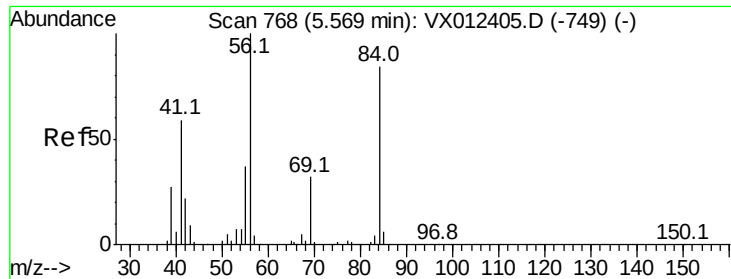
58 28.3 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





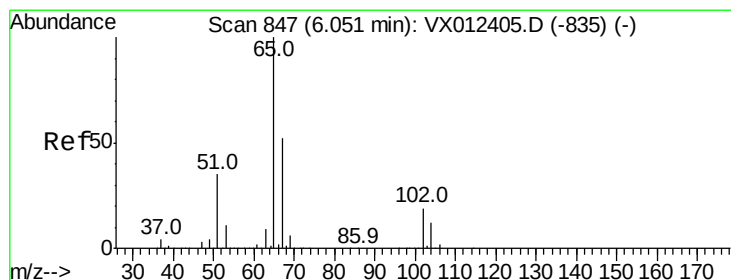
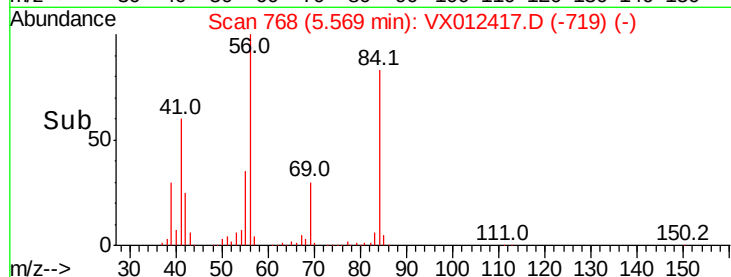
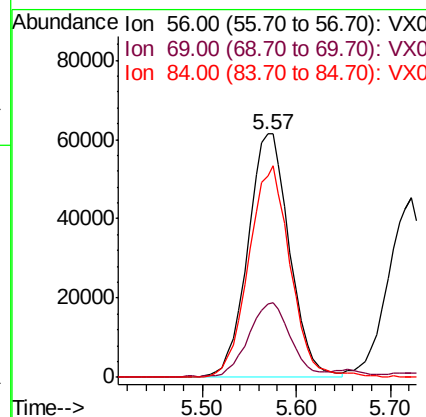
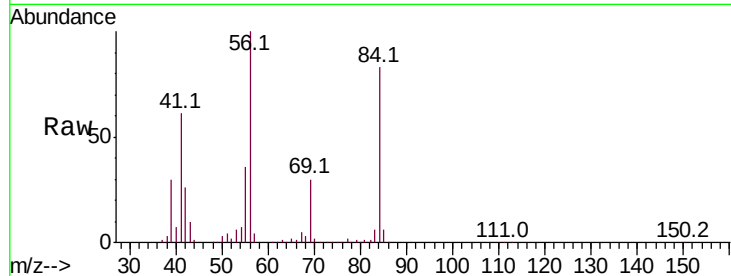
#31
Cyclohexane
Concen: 116.684 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.9	37.3
84	82.9	67.2	100.8

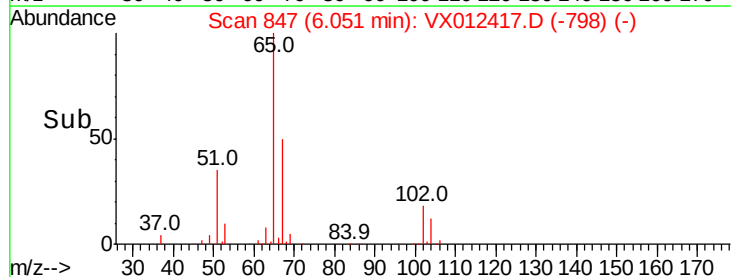
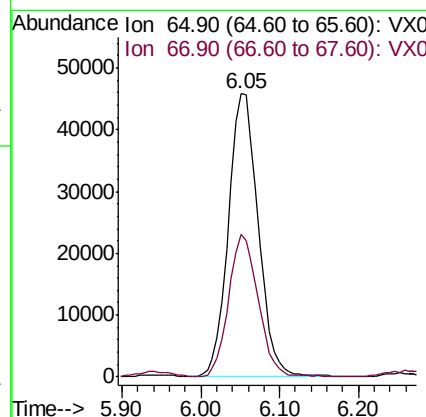
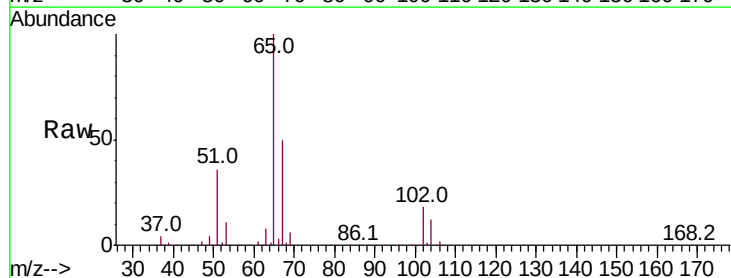
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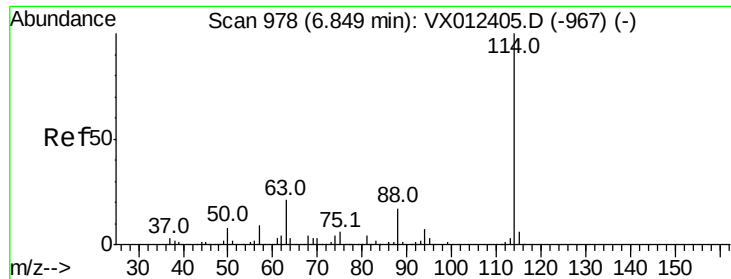
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#33
1,2-Dichloroethane-d4
Concen: 50.561 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.0	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: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

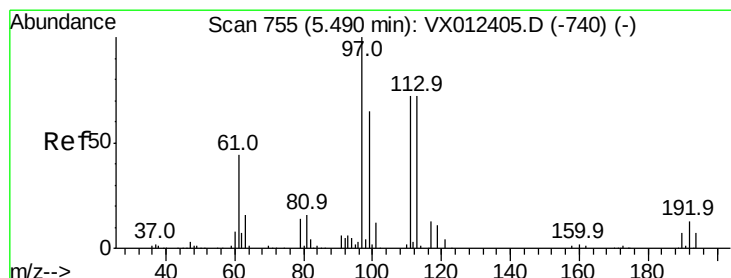
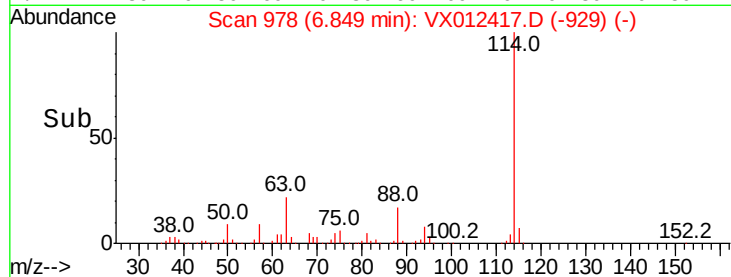
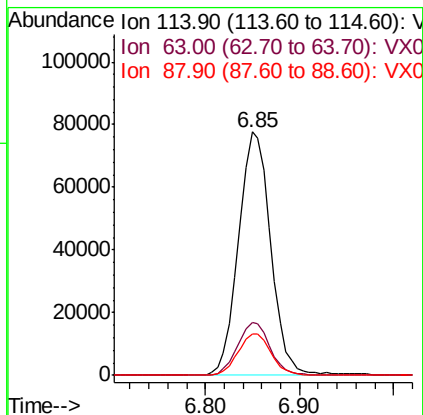
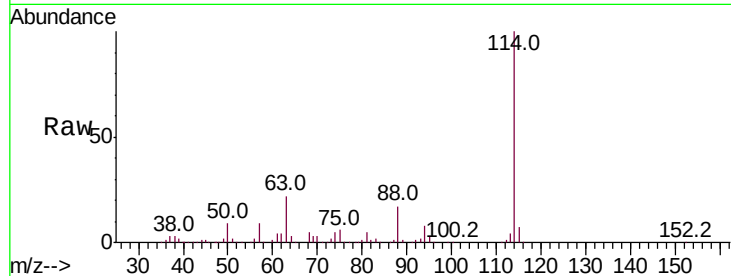
ClientSampled :

S13-0273

Tot Ion:	114	Resp:	186043
Ion Ratio	Lower	Upper	
114	100		
63	21.9	0.0	42.4
88	17.0	0.0	33.4

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#35

Dibromofluoromethane

Concen: 47.711 ug/l

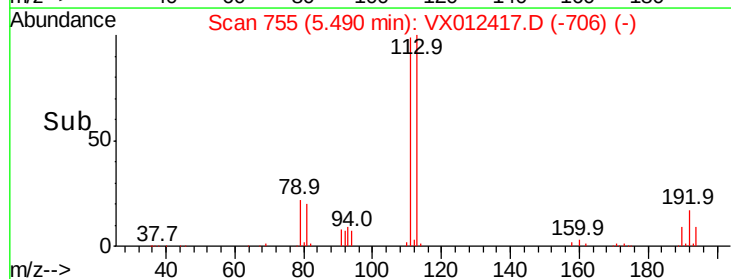
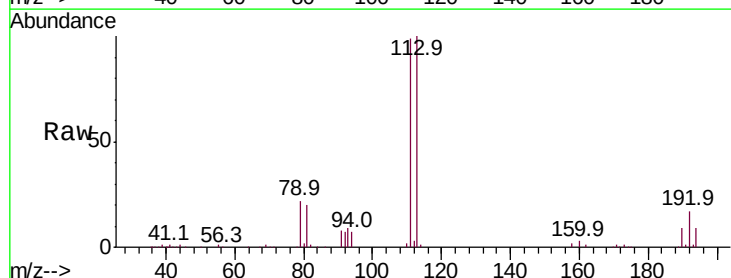
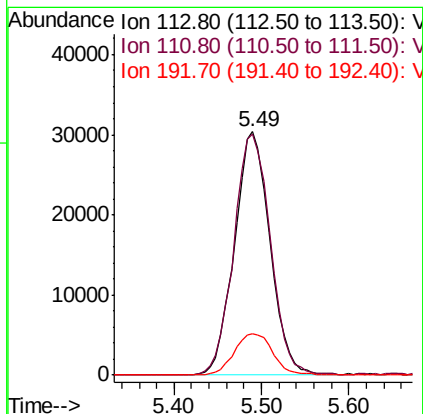
RT: 5.49 min Scan# 755

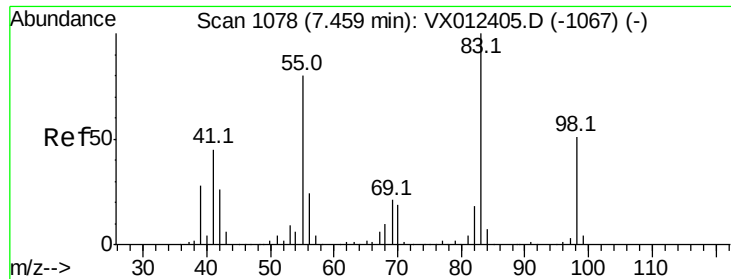
Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Tgt Ion:	113	Resp:	85983
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.8	122.6
192	18.2	15.0	22.4





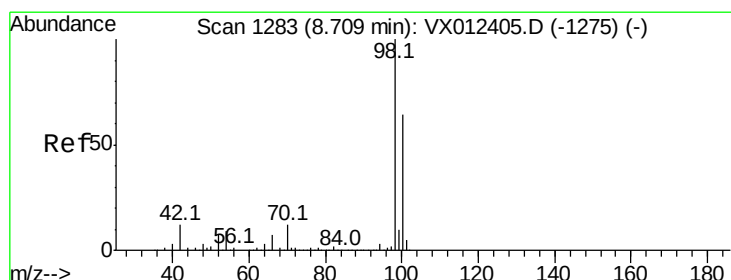
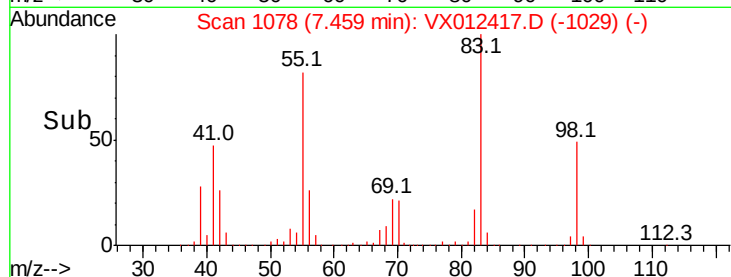
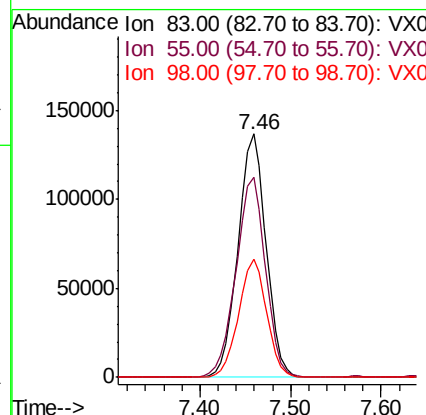
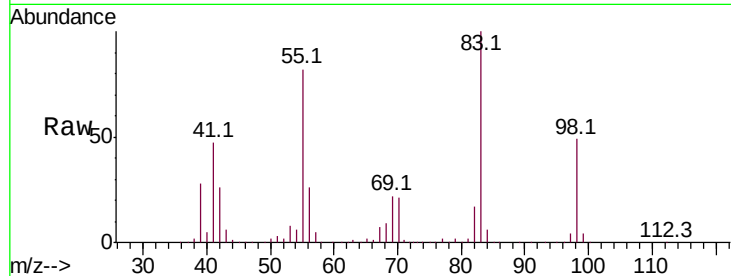
#39
Methylvlcyclohexane
Concen: 178.092 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Tot Ion	Ratio	Resp	Lower	Upper
83	100	294095		
55	82.0	63.8	95.6	
98	48.7	40.6	61.0	

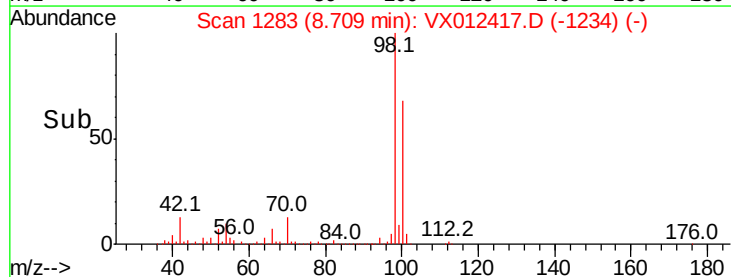
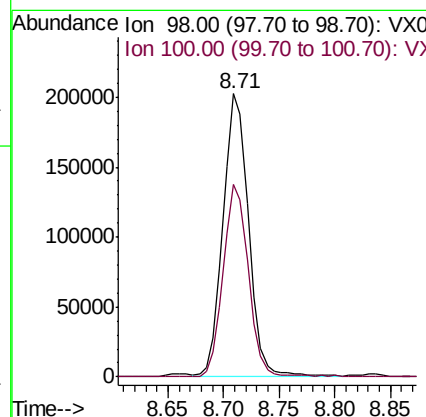
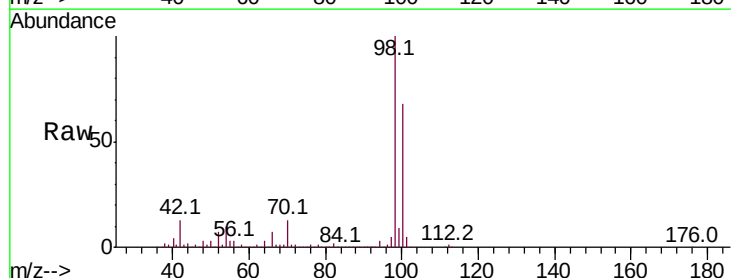
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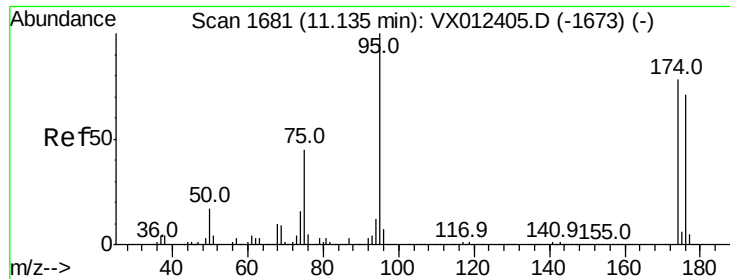
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#50
Toluene-d8
Concen: 49.598 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	317189		
100	69.0	54.4	81.6	





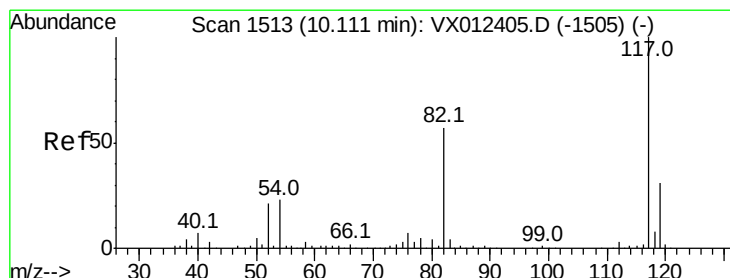
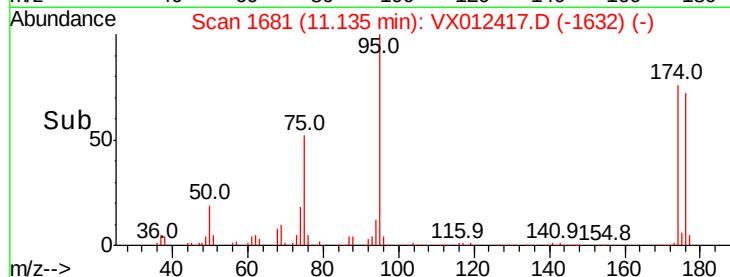
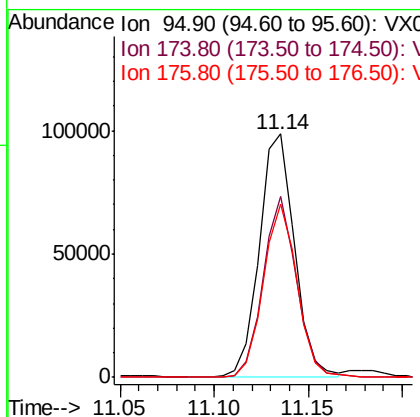
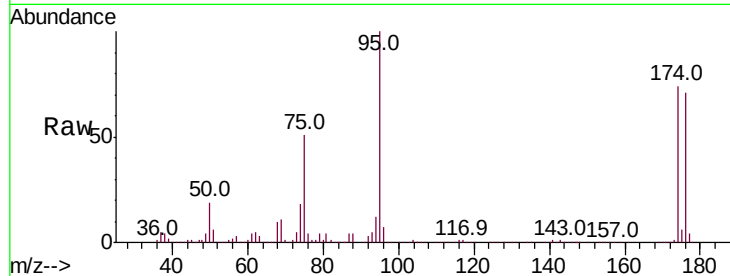
#62
4-Bromofluorobenzene
Concen: 47.117 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampled :
S13-0273

Tot Ion	Ratio	Resp	Lower	Upper
95	100	126772		
174	71.1	0.0	146.0	
176	69.0	0.0	137.6	

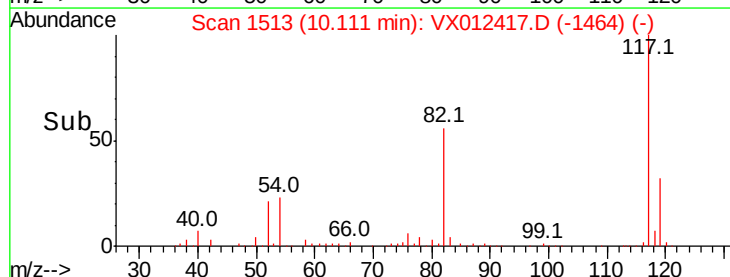
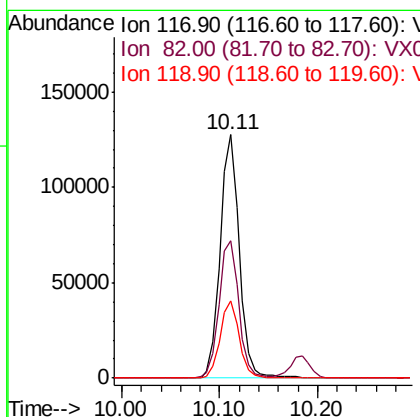
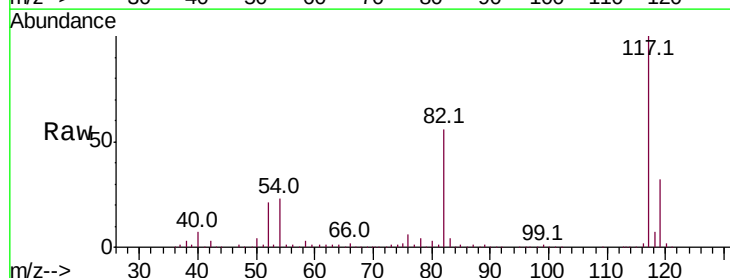
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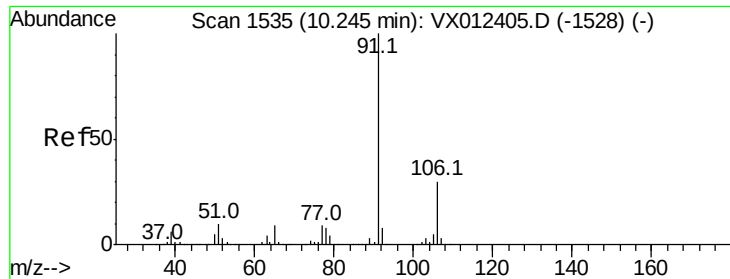
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	172955		
82	56.0	45.8	68.6	
119	31.6	24.9	37.3	





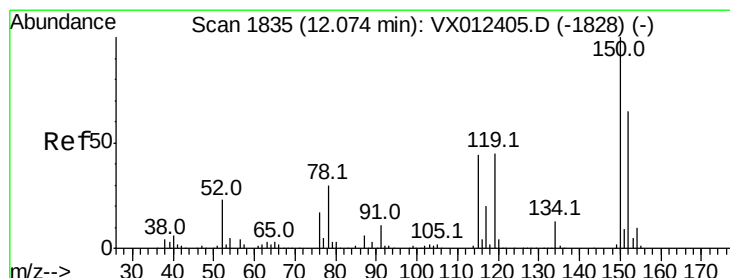
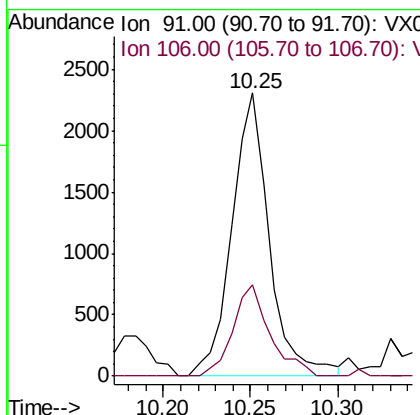
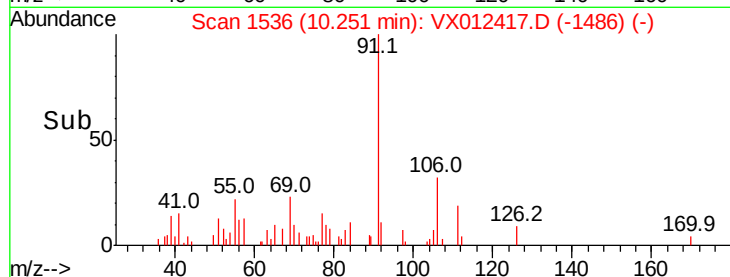
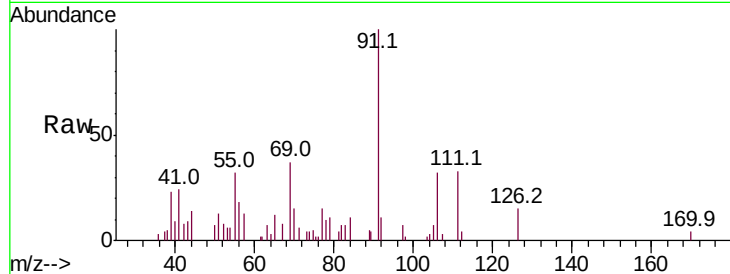
#67
Ethyl Benzene
Concen: 0.497 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampled :
S13-0273

Tot Ion: 91 Resp: 3426
Ion Ratio Lower Upper
91 100
106 32.3 24.0 36.0

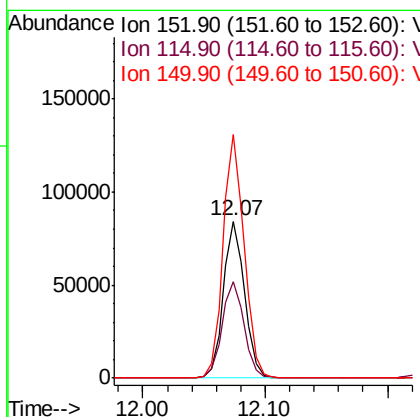
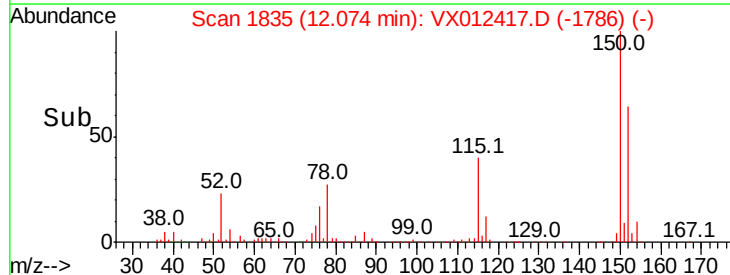
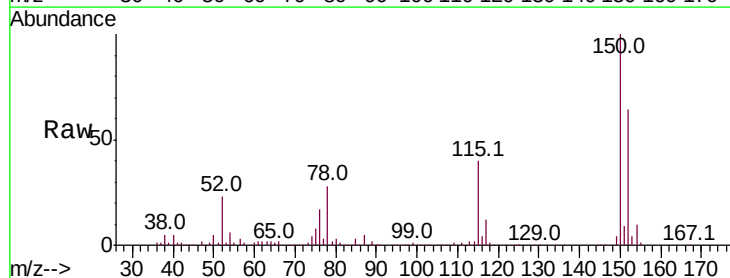
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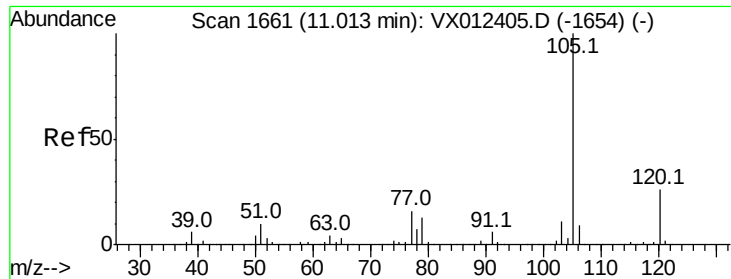
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion: 152 Resp: 100465
Ion Ratio Lower Upper
152 100
115 63.1 45.3 135.9
150 154.7 0.0 354.0





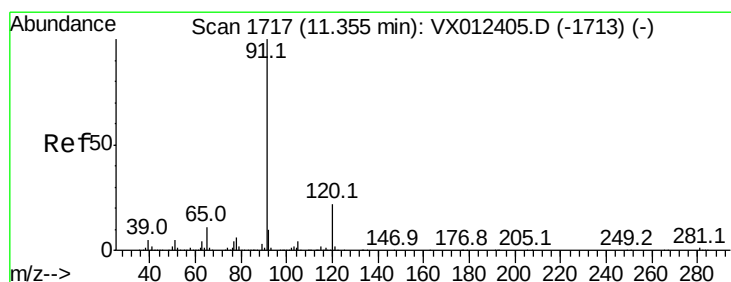
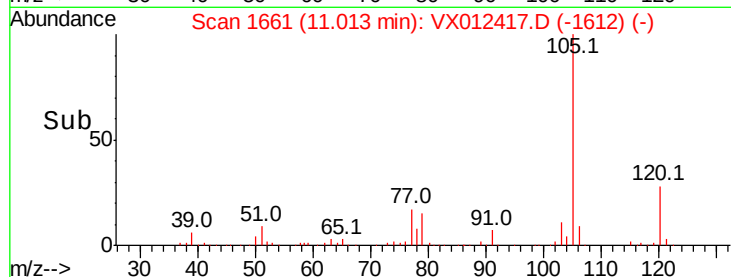
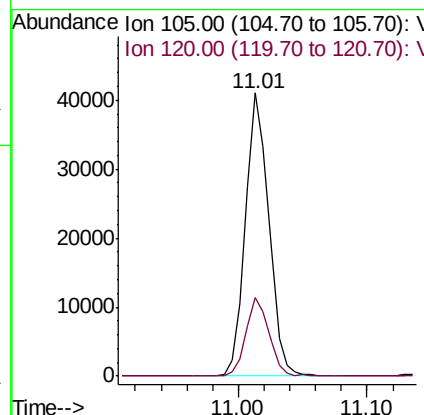
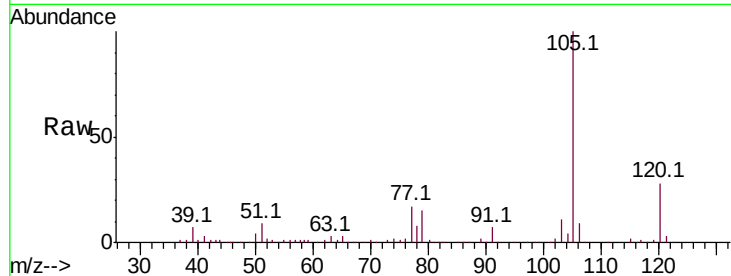
#73
Isopropylbenzene
Concen: 7.411 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Tot Ion:105 Resp: 51727
Ion Ratio Lower Upper
105 100
120 27.4 13.2 39.6

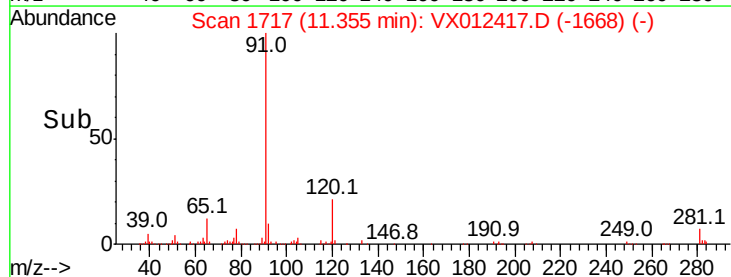
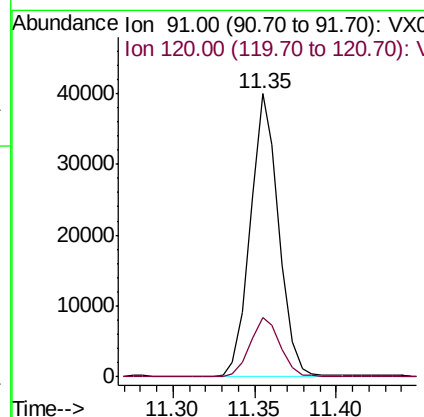
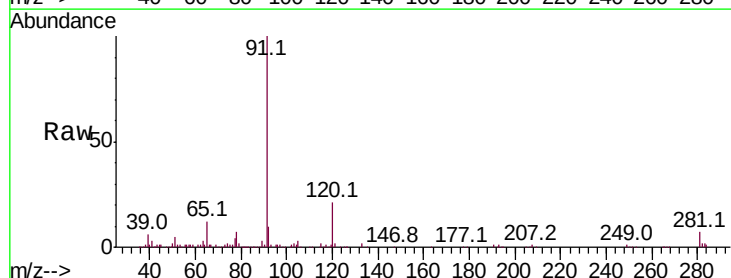
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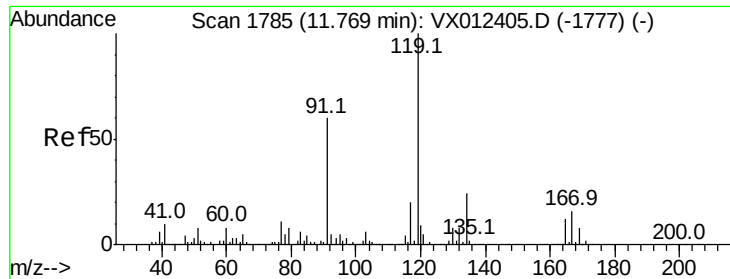
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#78
n-propylbenzene
Concen: 6.124 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Tgt Ion: 91 Resp: 48310
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





#83

tert-Butylbenzene

Concen: 2.039 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

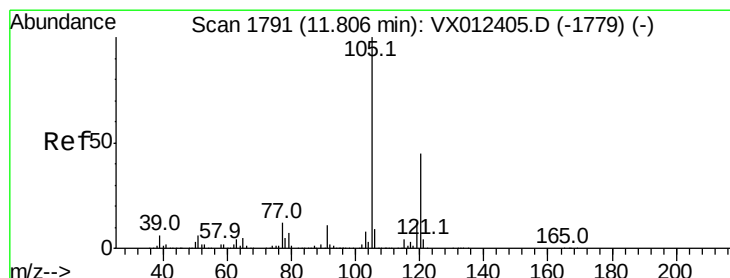
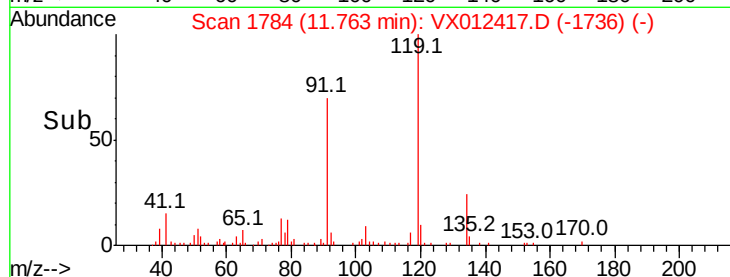
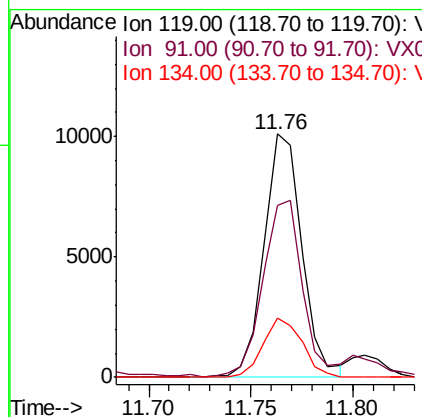
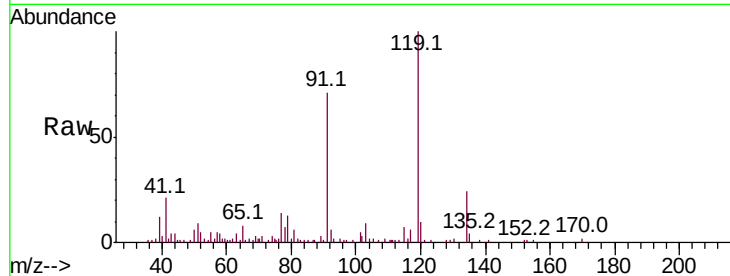
ClientSampled :

S13-0273

Tot Ion:	119	Resp:	13147
Ion Ratio	Lower	Upper	
119	100		
91	74.8	29.6	88.8
134	25.1	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 1.787 ug/l

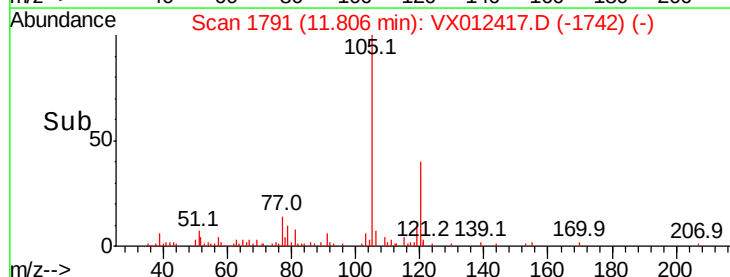
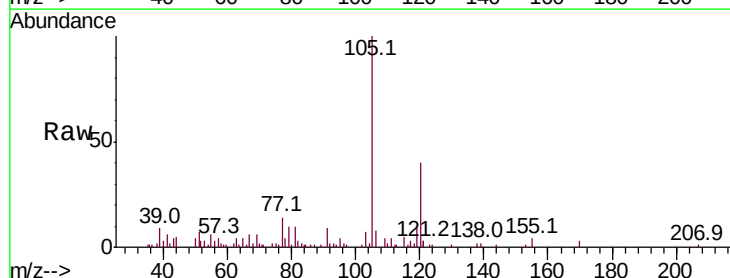
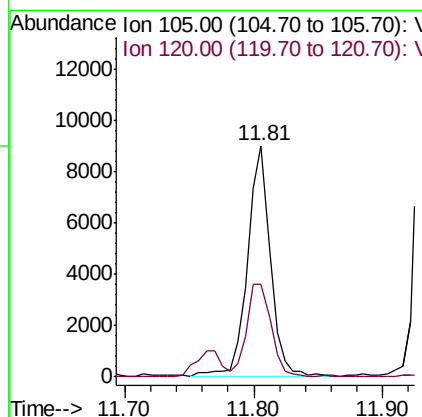
RT: 11.81 min Scan# 1791

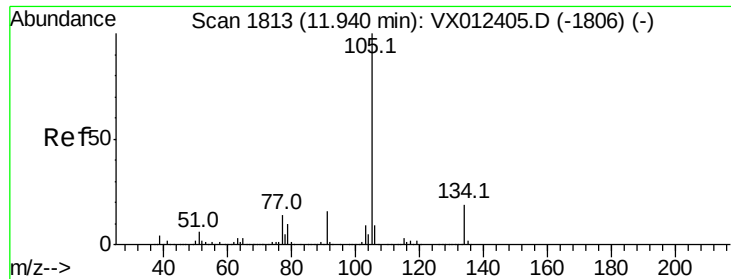
Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Tgt Ion:	105	Resp:	11020
Ion Ratio	Lower	Upper	
105	100		
120	42.8	22.1	66.5





#85

sec-Butylbenzene

Concen: 9.919 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

Instrument :

MSVOA_X

ClientSampled :

S13-0273

Tot Ion:105 Resp: 70697

Ion Ratio Lower Upper

105 100

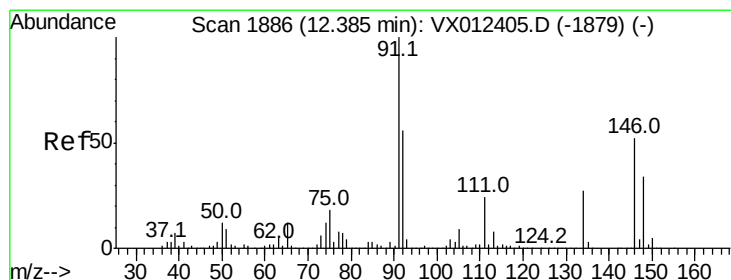
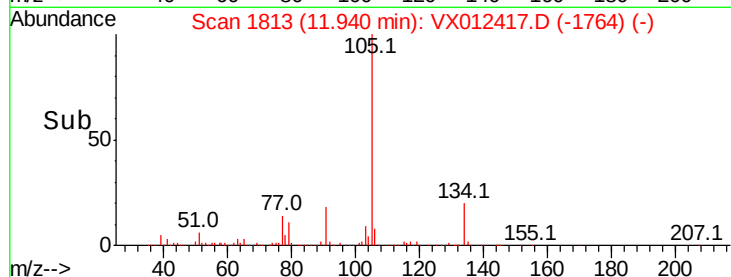
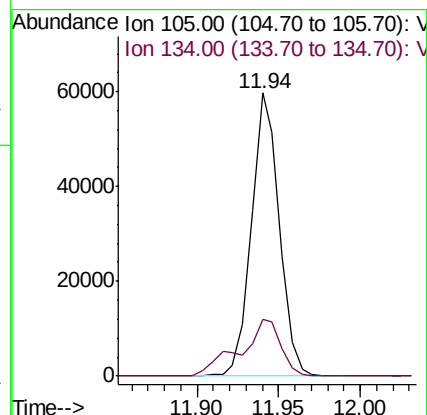
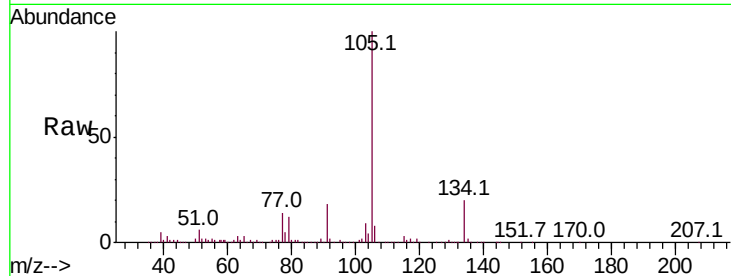
134 29.6 10.1 30.1

Manual Integrations

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#89

n-Butylbenzene

Concen: 2.254 ug/l m

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012417.D

Acq: 16 Sep 2019 19:52

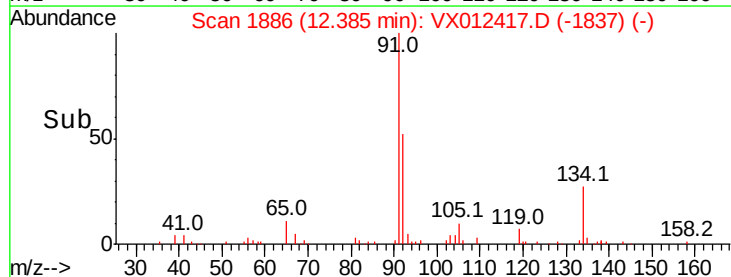
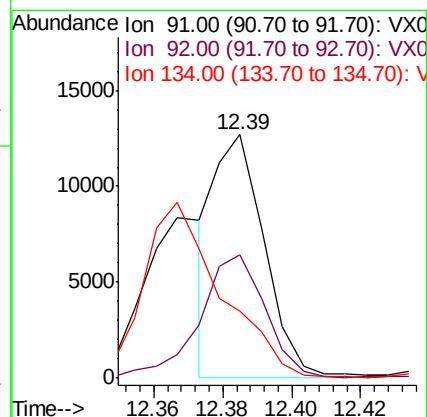
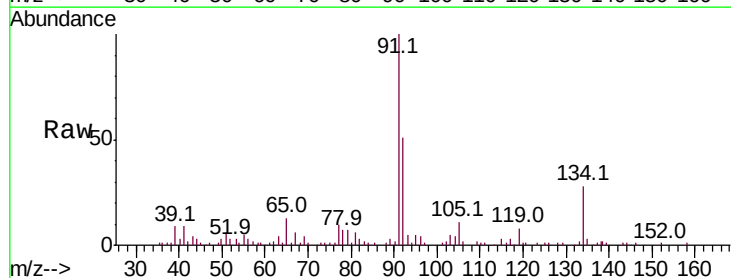
Tgt Ion: 91 Resp: 12997

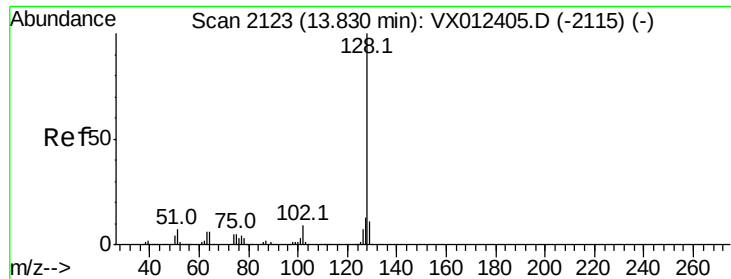
Ion Ratio Lower Upper

91 100

92 66.1 27.5 82.4

134 110.2 13.2 39.6#





#95
Naphthalene
Concen: 3.988 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012417.D
Acq: 16 Sep 2019 19:52

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Tot Ion	Ratio	Lower	Upper
128	100		
127	17.8	10.2	15.4#
129	12.3	8.6	13.0

Manual Integrations
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