

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012497.D
 Acq On : 19 Sep 2019 01:08
 Operator : JC/SP
 Sample : K4830-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0273

Manual Integrations
 APPROVED

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 9/19/2019 1:06:27 PM

Quant Time: Sep 19 08:37:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293442	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102071	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125105	46.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.28%	
35) Dibromofluoromethane	5.49	113	90570	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
50) Toluene-d8	8.71	98	341602	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.14	95	118713	43.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.98%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	207896	111.027	ug/l	94
39) Methylcyclohexane	7.46	83	301466	173.886	ug/l	98
73) Isopropylbenzene	11.01	105	58117	9.075	ug/l	99
78) n-propylbenzene	11.35	91	50566	7.084	ug/l	99
83) tert-Butylbenzene	11.76	119	14963	2.557	ug/l	89
85) sec-Butylbenzene	11.94	105	76873	11.920	ug/l	80
89) n-Butylbenzene	12.39	91	13744m	2.601	ug/l	
95) Naphthalene	13.83	128	22962	3.263	ug/l #	94

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

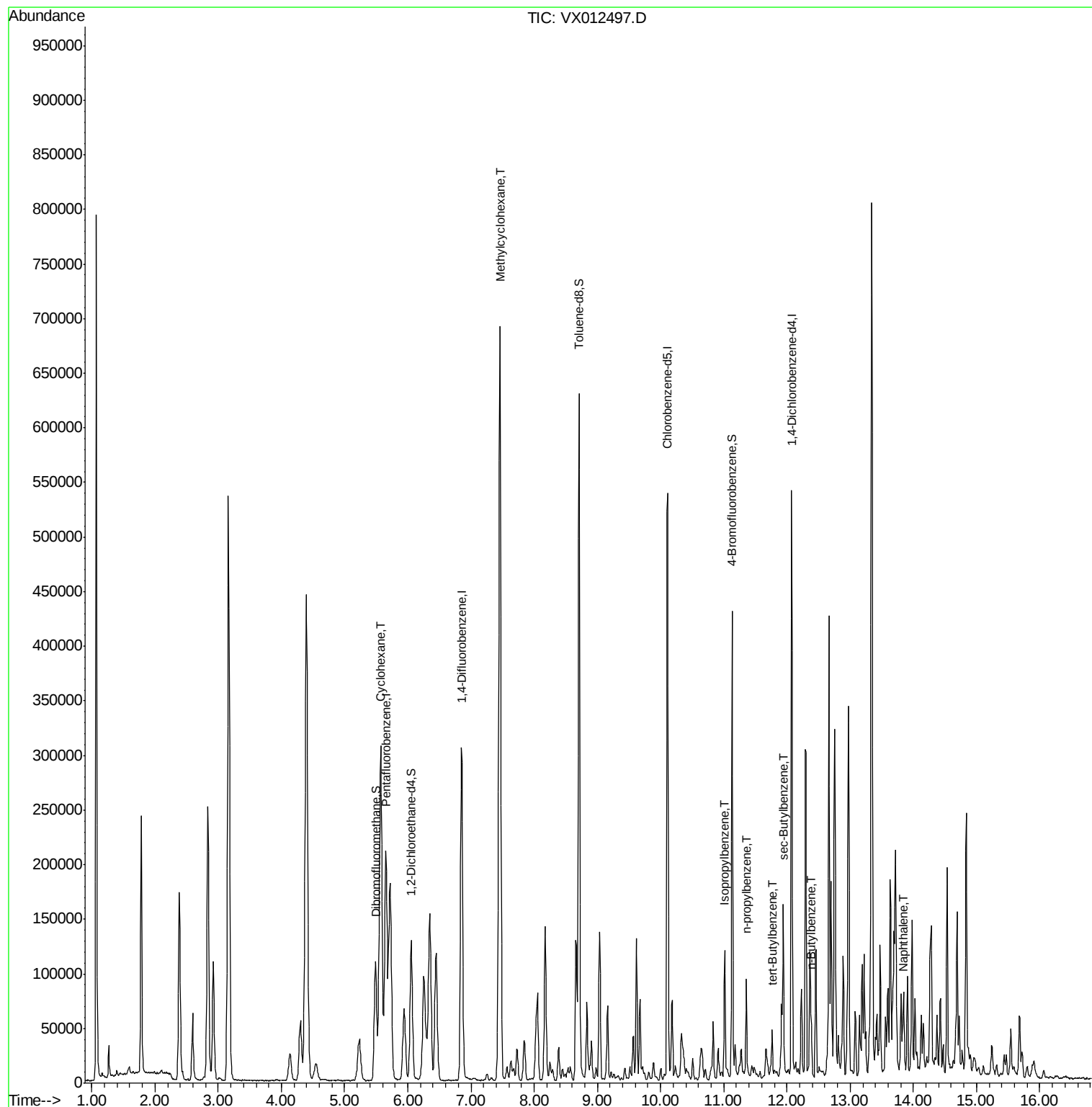
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012497.D
Acq On : 19 Sep 2019 01:08
Operator : JC/SP
Sample : K4830-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 39 Sample Multiplier: 1

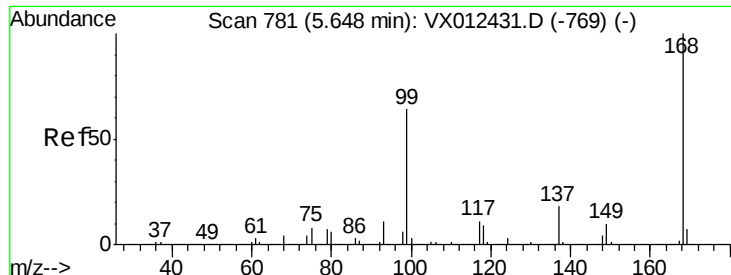
Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Manual Integrations
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Quant Time: Sep 19 08:37:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 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: VX012497.D

Acq: 19 Sep 2019 01:08

Instrument :

MSVOA_X

ClientSampleId :

S13-0273

Tot Ion:168 Resp: 189166

Ion Ratio Lower Upper

168 100

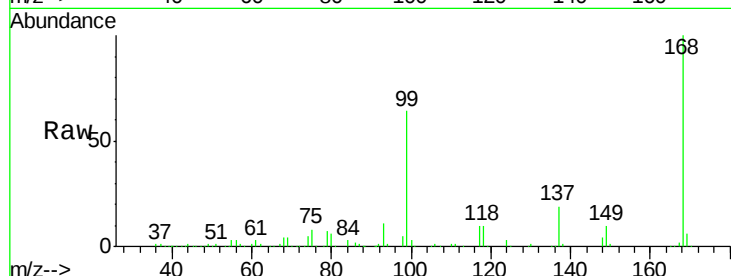
99 63.6 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

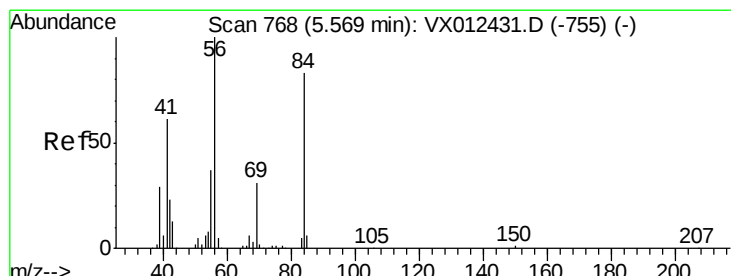
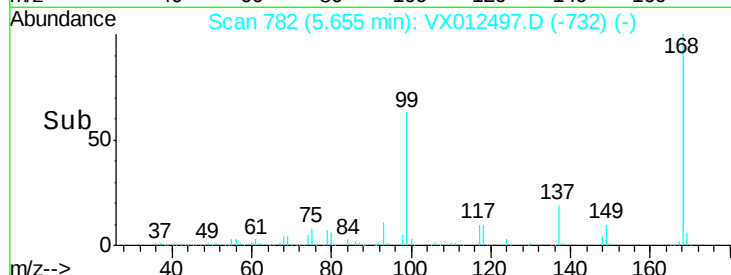
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 111.027 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012497.D

Acq: 19 Sep 2019 01:08

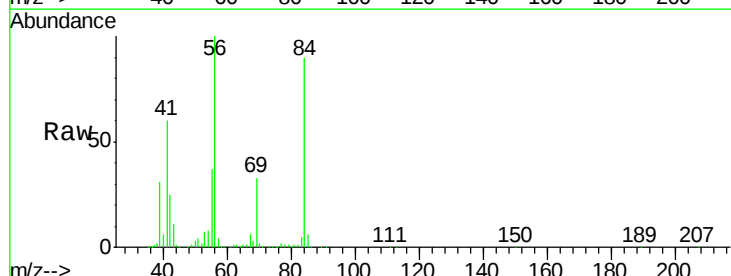
Tgt Ion: 56 Resp: 207896

Ion Ratio Lower Upper

56 100

69 33.3 25.0 37.6

84 89.7 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

5.57

80000

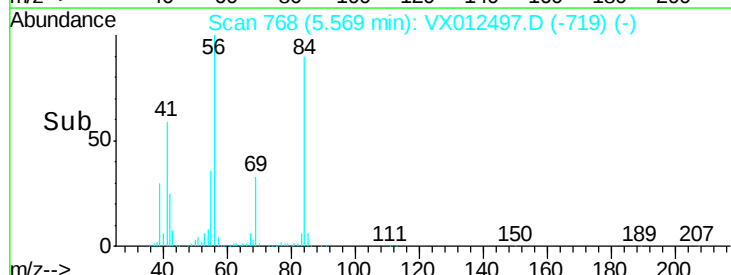
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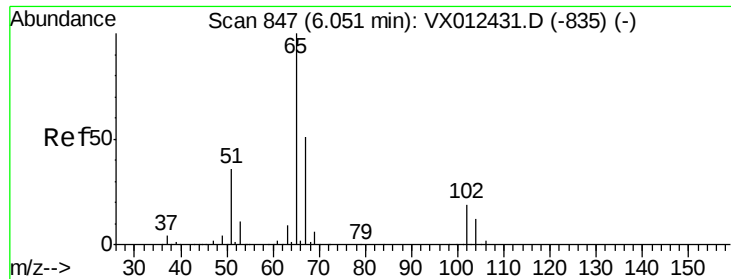
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20000

0

Time--> 5.40 5.50 5.60 5.70





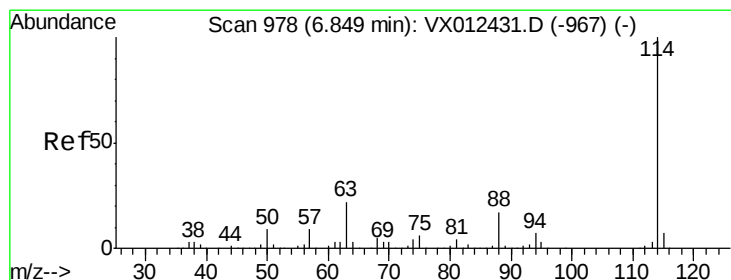
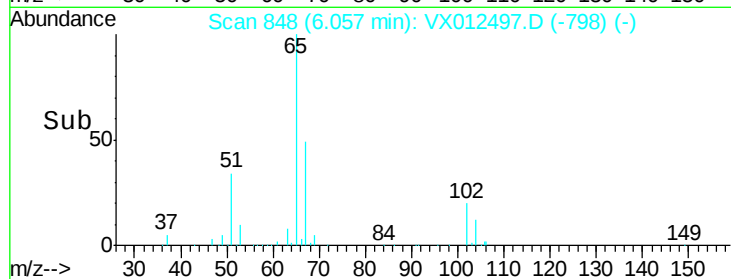
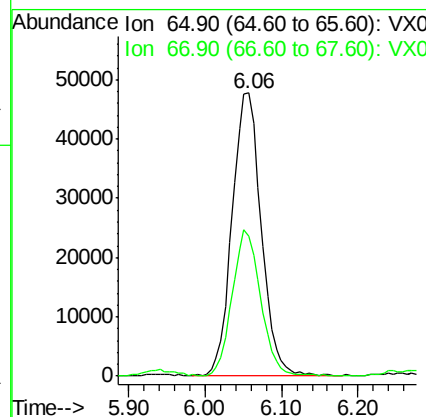
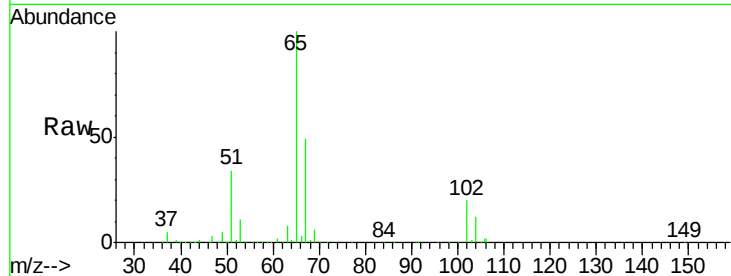
#33
 1,2-Dichloroethane-d4
 Concen: 46.145 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012497.D
 Acq: 19 Sep 2019 01:08

Instrument :
 MSVOA_X
 ClientSampled :
 S13-0273

Tot Ion	Ratio	Resp	Lower	Upper
65	100	125105		
67	50.3	0.0	101.2	

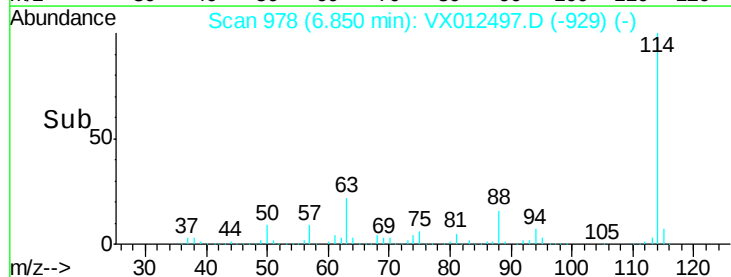
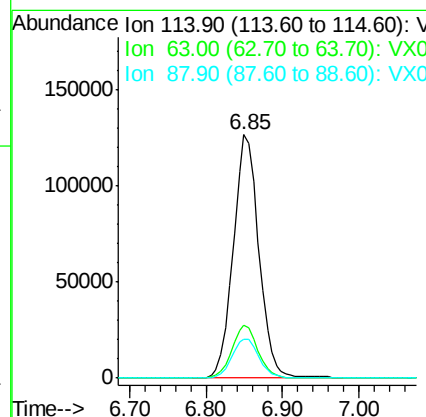
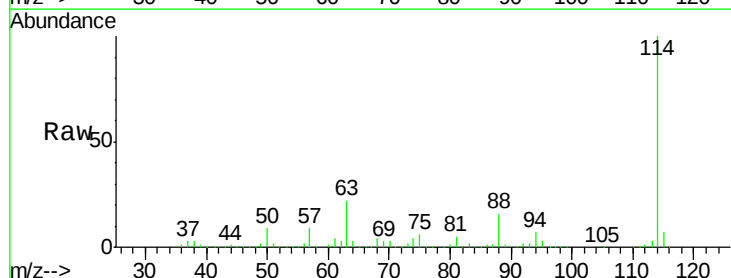
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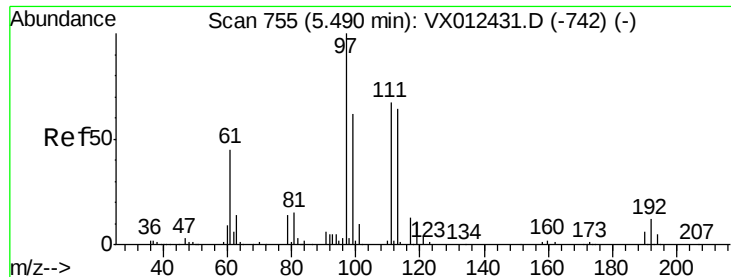
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012497.D
 Acq: 19 Sep 2019 01:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	293442		
63	22.0	0.0	43.2	
88	16.2	0.0	33.2	





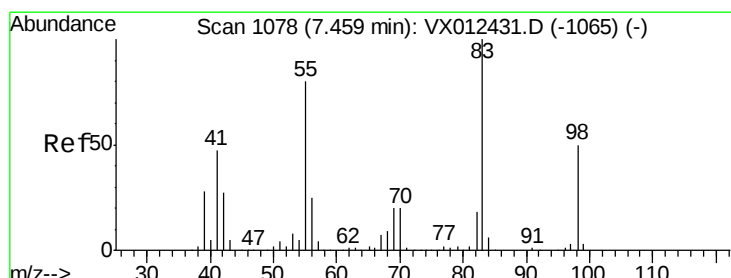
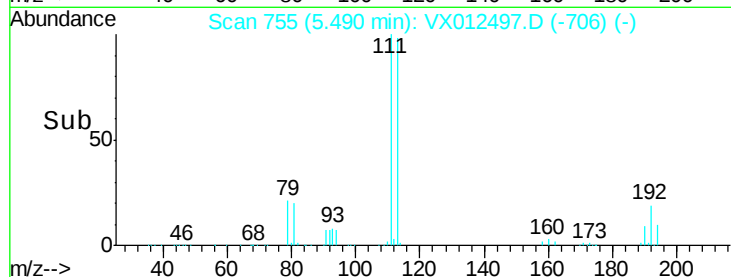
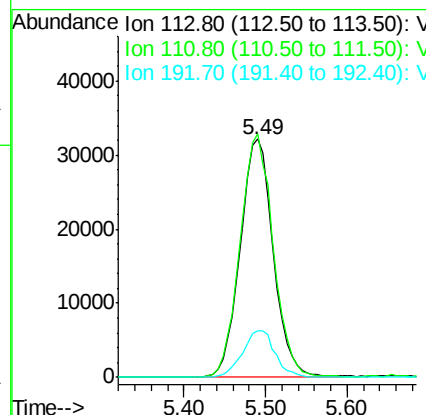
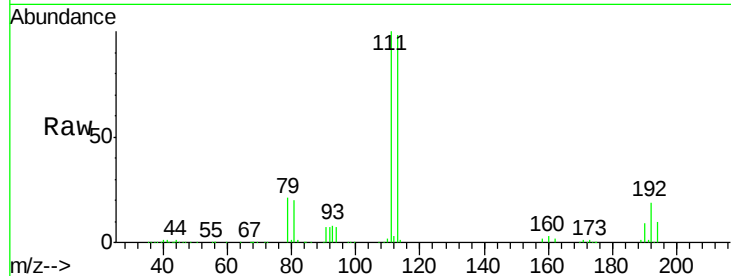
#35
Dibromofluoromethane
Concen: 50.994 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Tot Ion	Ratio	Resp	Lower	Upper
113	100	90570		
111	102.4	83.4	125.2	
192	19.3	14.4	21.6	

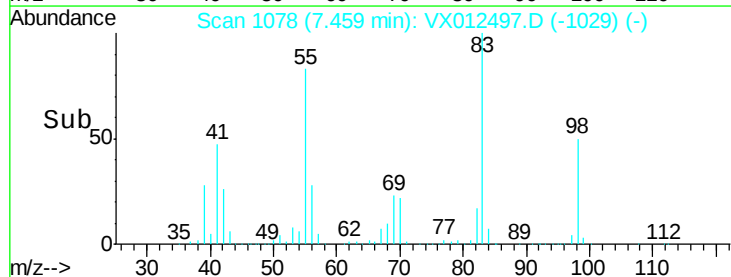
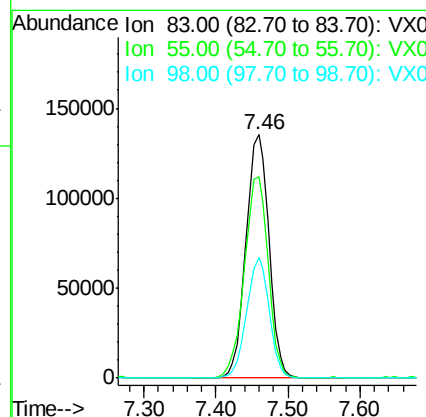
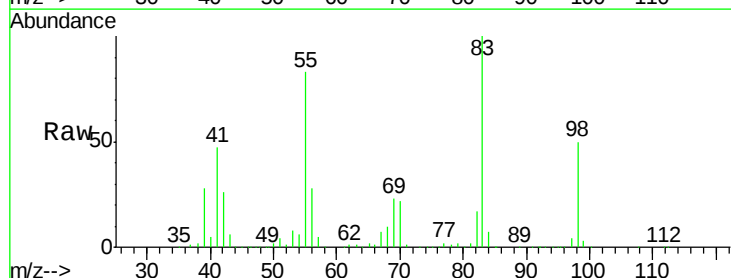
Manual Integrations
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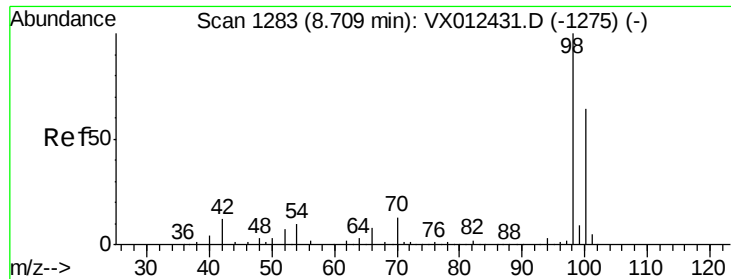
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#39
Methylcyclohexane
Concen: 173.886 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	301466		
55	82.5	64.4	96.6	
98	49.7	40.1	60.1	





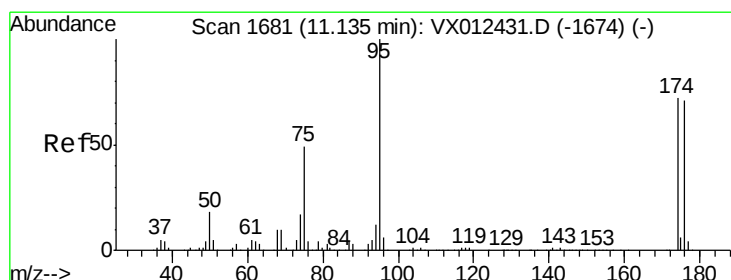
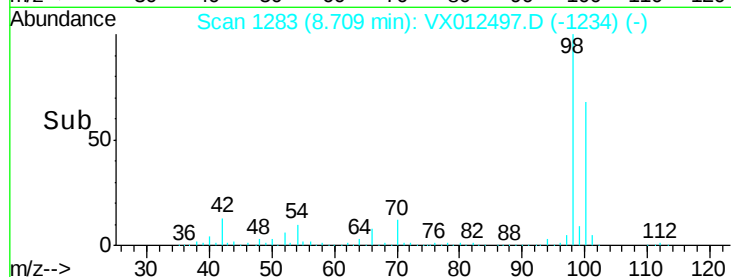
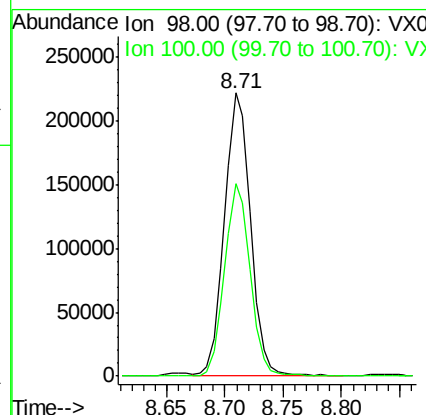
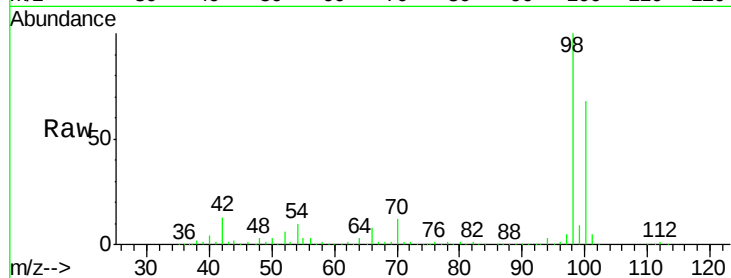
#50
Toluene-d8
Concen: 51.962 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Tot Ion: 98 Resp: 341602
Ion Ratio Lower Upper
98 100
100 67.4 53.4 80.2

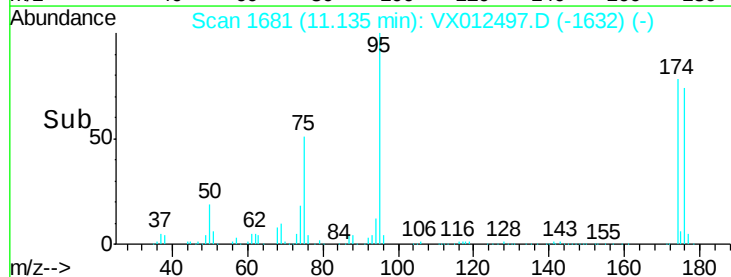
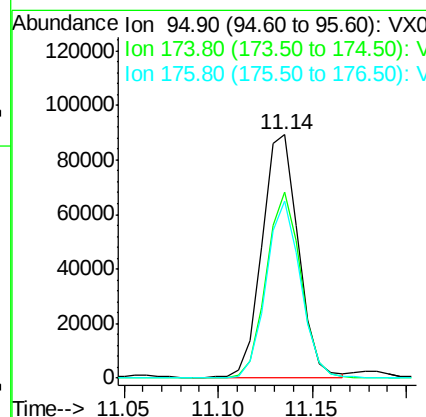
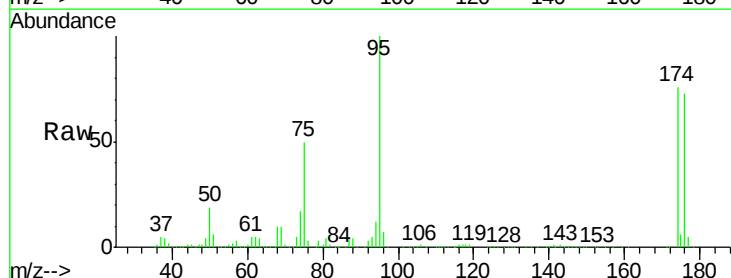
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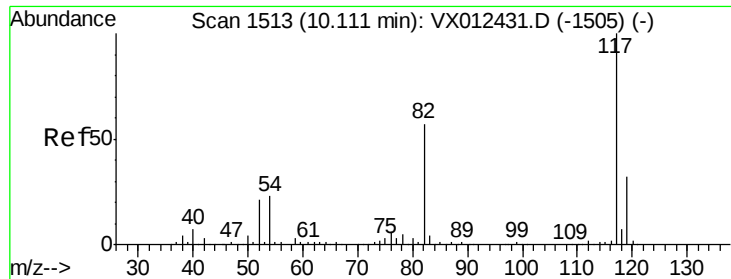
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#62
4-Bromofluorobenzene
Concen: 43.491 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Tgt Ion: 95 Resp: 118713
Ion Ratio Lower Upper
95 100
174 73.3 0.0 140.0
176 69.2 0.0 135.4





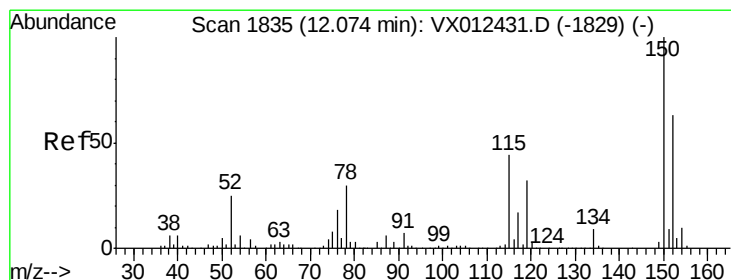
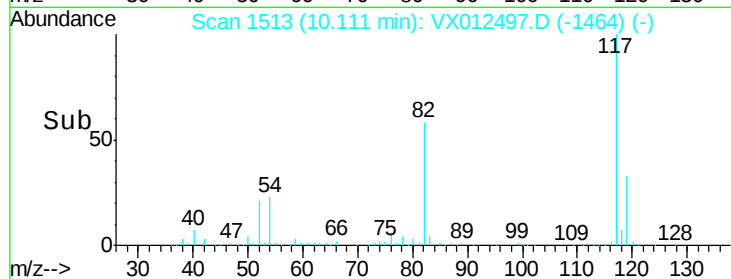
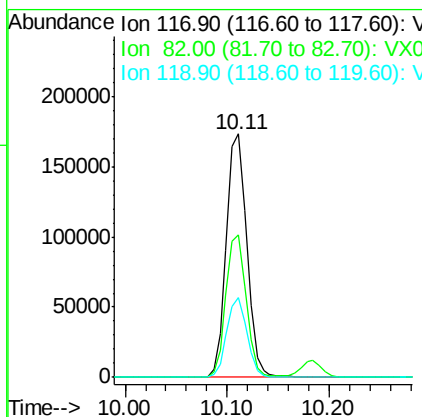
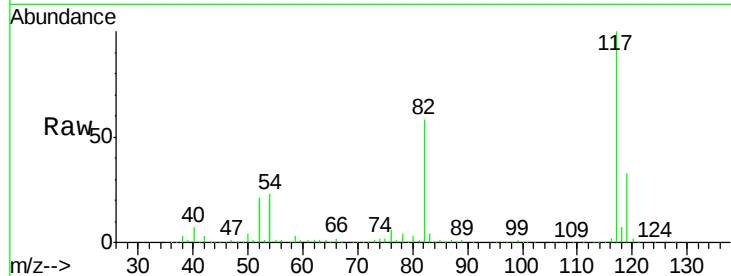
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Instrument :
MSVOA_X
ClientSampled :
S13-0273

Tot Ion	Ratio	Resp	Lower	Upper
117	100	242679		
82	58.2	45.9	68.9	
119	32.7	25.3	37.9	

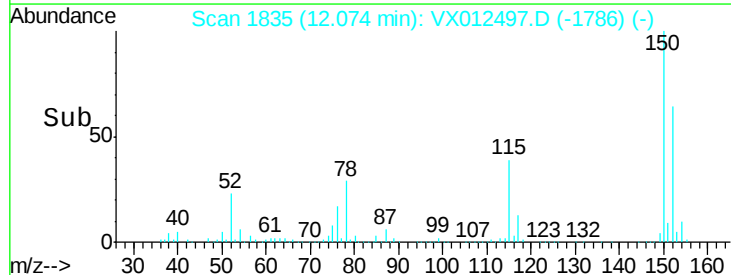
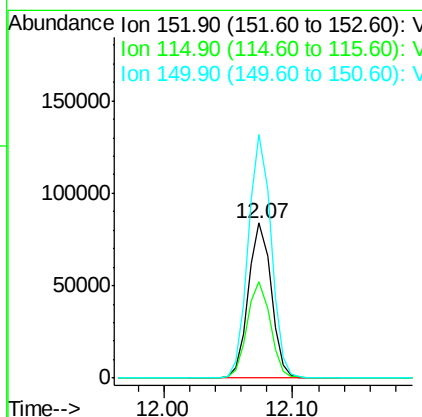
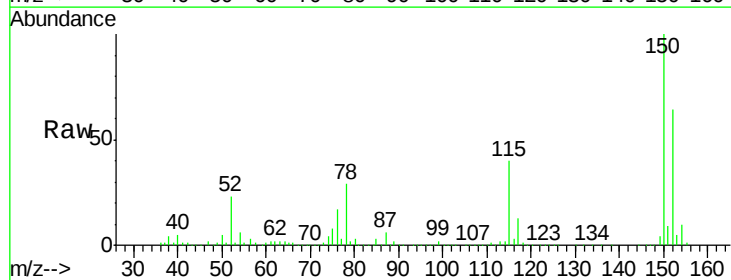
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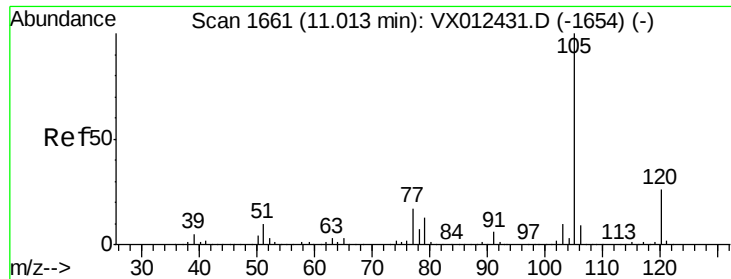
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	102071		
115	62.2	44.1	132.3	
150	157.5	0.0	343.8	





#73

Isopropylbenzene

Concen: 9.075 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012497.D

Acq: 19 Sep 2019 01:08

Instrument :

MSVOA_X

ClientSampled :

S13-0273

Tot Ion: 105 Resp: 58117

Ion Ratio Lower Upper

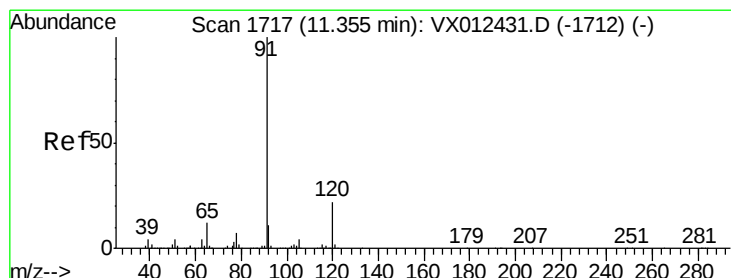
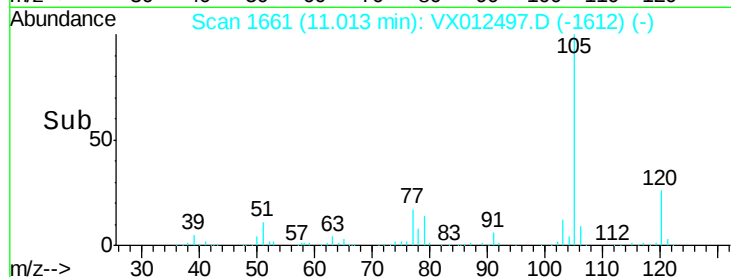
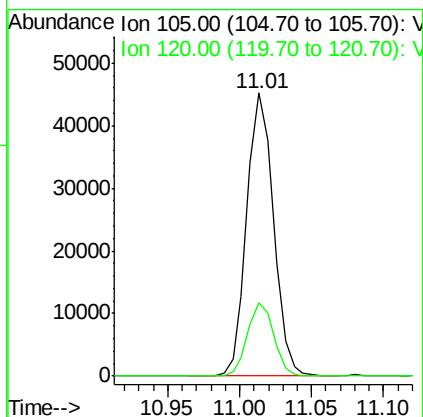
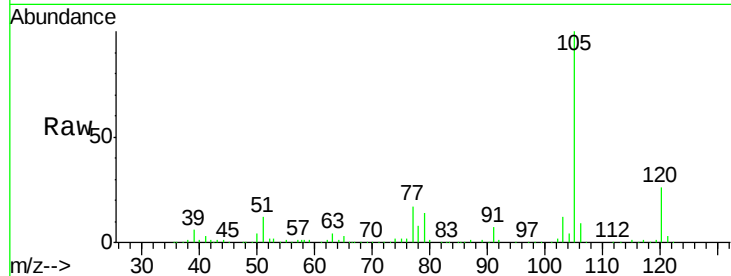
105 100

120 25.5 12.9 38.7

Manual Integrations
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#78

n-propylbenzene

Concen: 7.084 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012497.D

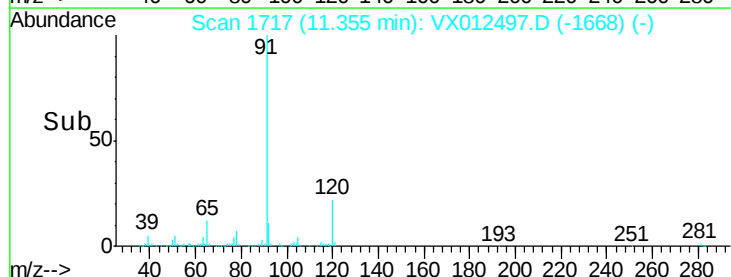
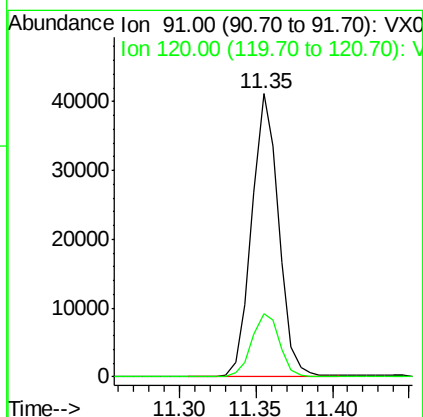
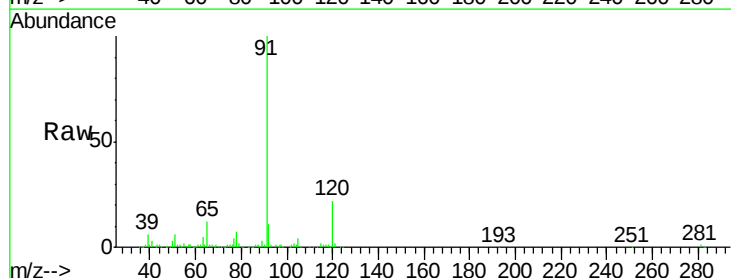
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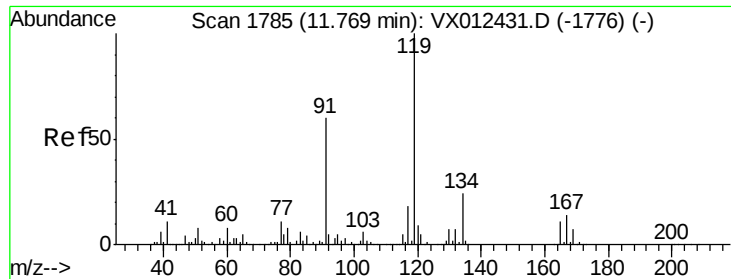
Tgt Ion: 91 Resp: 50566

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8





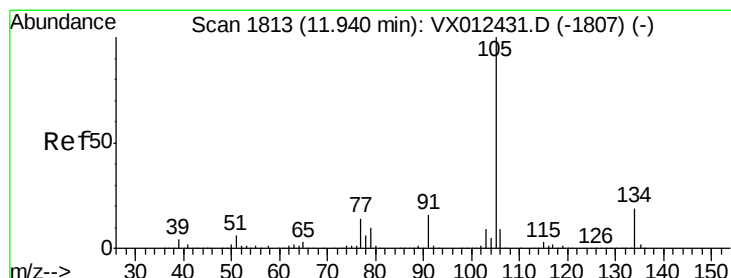
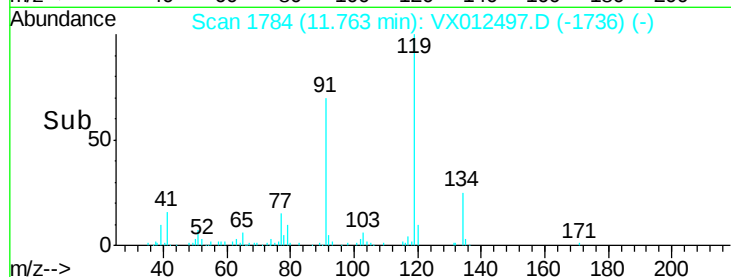
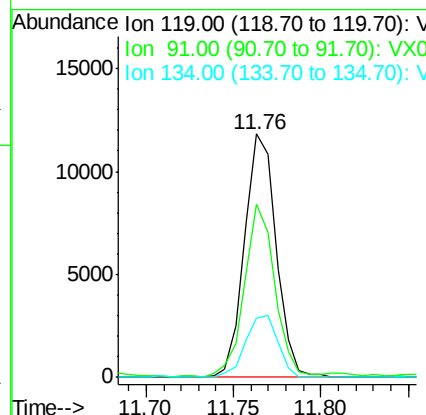
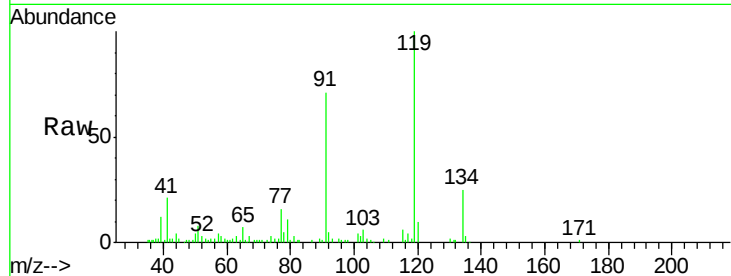
#83
tert-Butylbenzene
Concen: 2.557 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Instrument :
MSVOA_X
ClientSampleId :
S13-0273

Tot Ion	Ratio	Resp	Lower	Upper
119	100	14963		
91	69.1	30.0	90.0	
134	25.7	11.3	33.9	

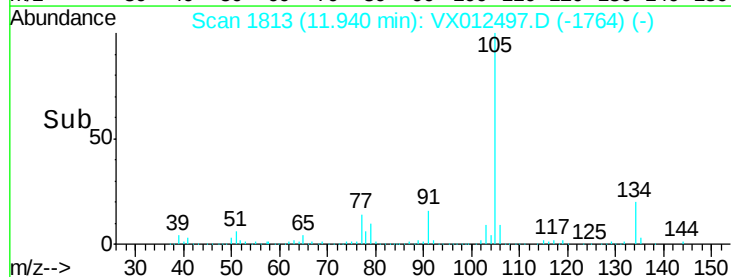
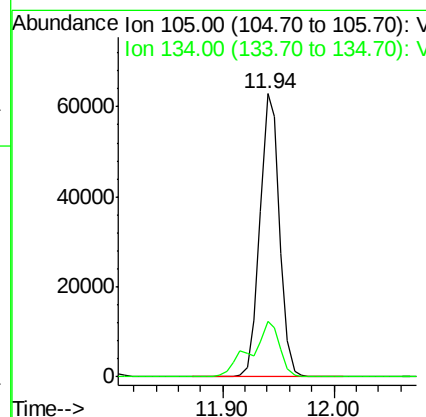
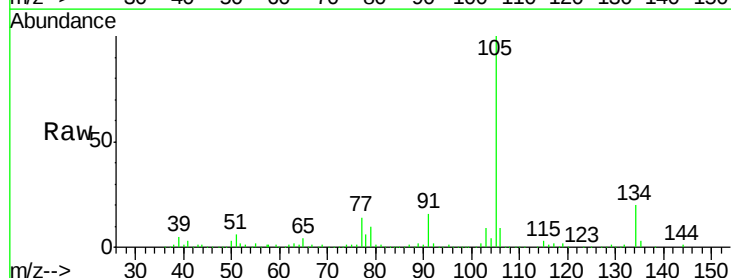
Manual Integrations
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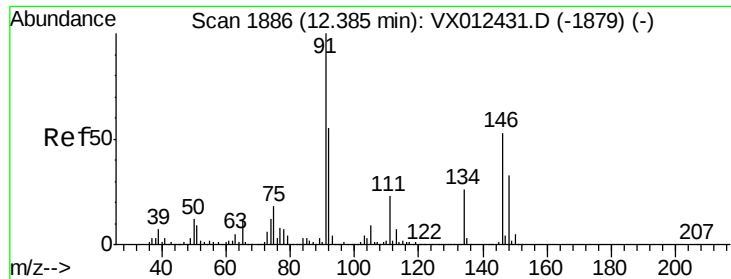
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#85
sec-Butylbenzene
Concen: 11.920 ug/l
RT: 11.94 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	76873		
134	28.5	9.8	29.4	





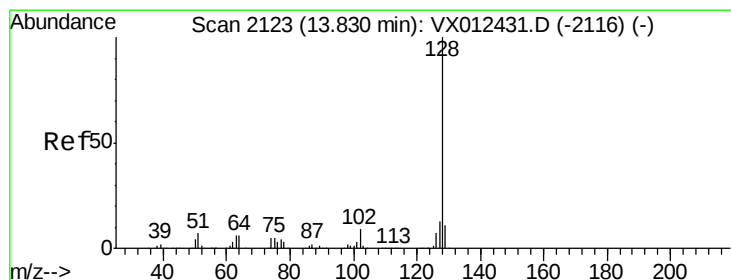
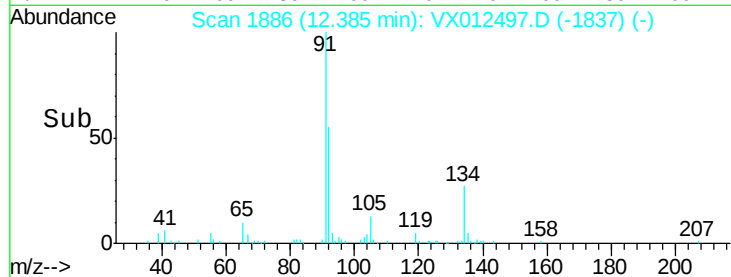
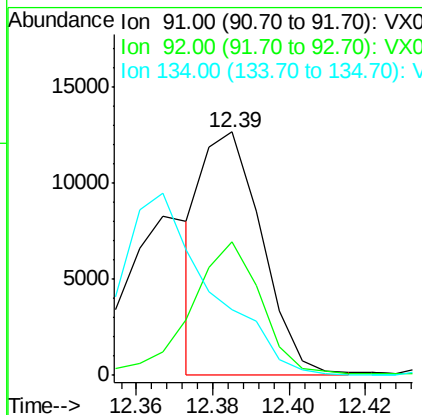
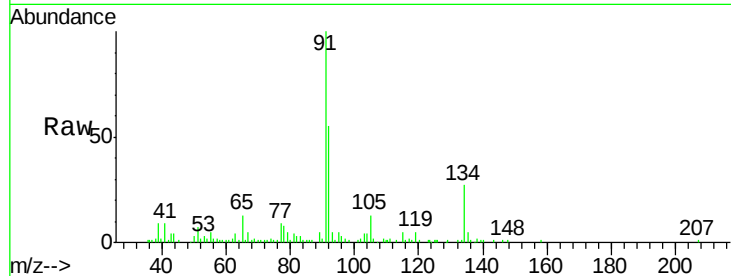
#89
n-Butylbenzene
Concen: 2.601 ug/l m
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Instrument :
MSVOA_X
ClientSampled :
S13-0273

Tot Ion	Ratio	Lower	Upper
91	100		
92	66.4	27.7	83.0
134	111.0	12.9	38.6#

Manual Integrations
APPROVED

MMDadoda
9/19/2019 1:06:27 PM



#95
Naphthalene
Concen: 3.263 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012497.D
Acq: 19 Sep 2019 01:08

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4
129	15.0	8.8	13.2#

