

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012507.D
 Acq On : 19 Sep 2019 05:01
 Operator : JC/SP
 Sample : K4830-04DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0272DL

Manual Integrations
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 9/19/2019 1:06:52 PM

Quant Time: Sep 19 09:10:23 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	193125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	127207	45.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.92%	
35) Dibromofluoromethane	5.49	113	90344	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.71	98	348082	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.14	95	124937	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.56	56	32294	16.893	ug/l	94
39) Methylcyclohexane	7.46	83	42884	23.893	ug/l	97
44) Trichloroethene	7.22	130	1304	0.844	ug/l	82
67) Ethyl Benzene	10.25	91	64974	8.985	ug/l	99
68) m/p-Xylenes	10.35	106	1444	0.549	ug/l	86
73) Isopropylbenzene	11.01	105	25100	3.850	ug/l	99
78) n-propylbenzene	11.35	91	35426	4.875	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	20319	3.654	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	170485	29.861	ug/l	98
85) sec-Butylbenzene	11.94	105	6880	1.048	ug/l #	74
86) p-Isopropyltoluene	12.06	119	4252m	0.705	ug/l	
89) n-Butylbenzene	12.38	91	6539	1.216	ug/l #	56
95) Naphthalene	13.83	128	49584	6.920	ug/l	98

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

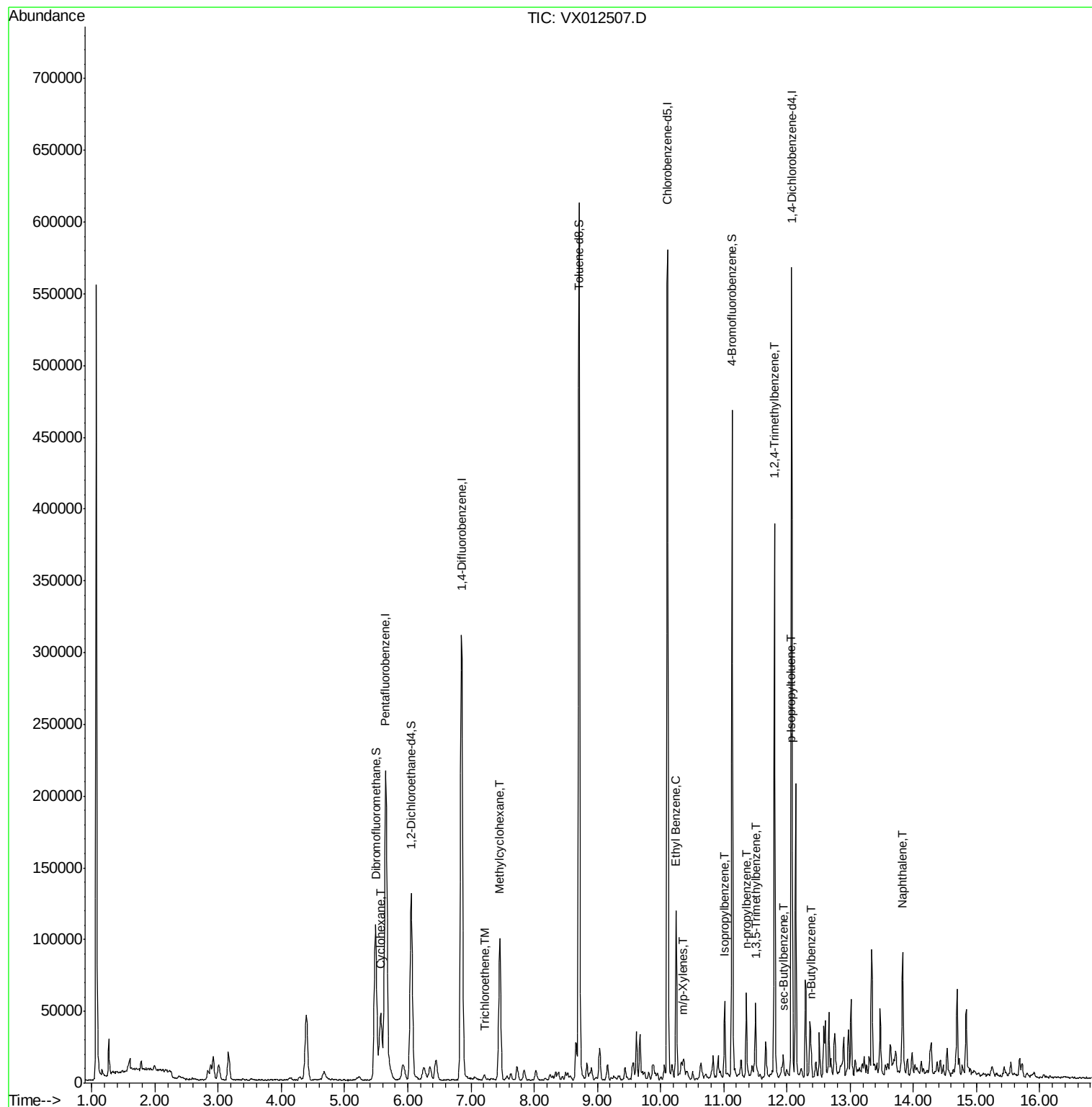
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012507.D
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Operator : JC/SP
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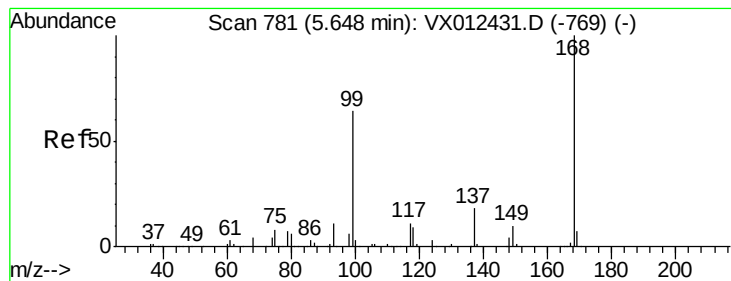
Instrument :
MSVOA_X
ClientSampleId :
S13-0272DL

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Quant Time: Sep 19 09:10:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
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Response via : Initial Calibration





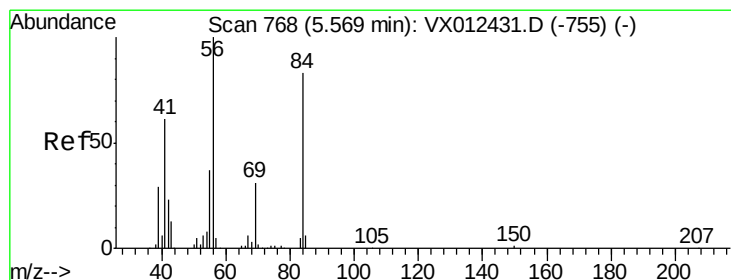
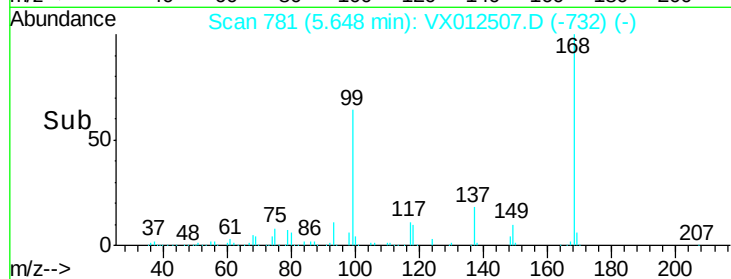
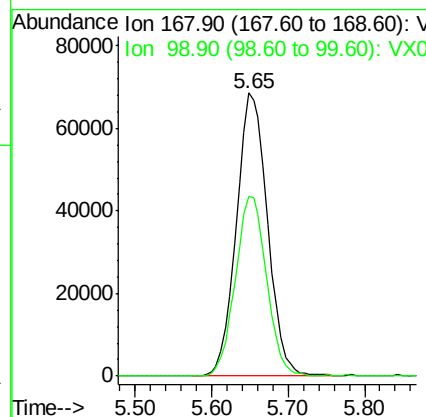
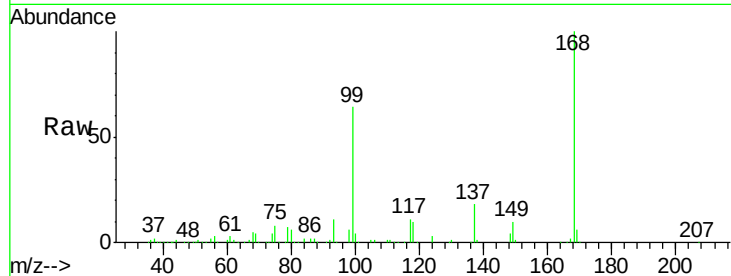
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX012507.D
Acq: 19 Sep 2019 05:01

Instrument :
MSVOA_X
ClientSampleId :
S13-0272DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	193125		
99	63.7	51.4	77.2	

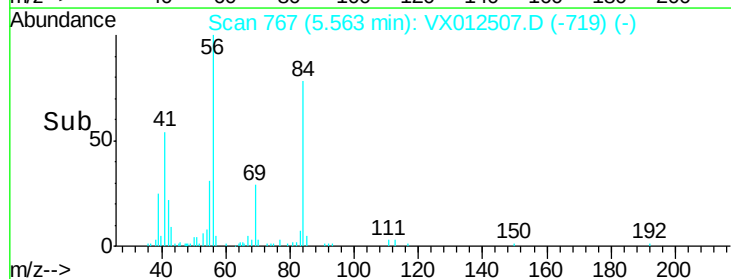
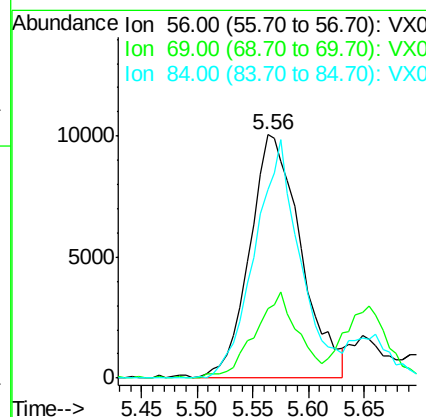
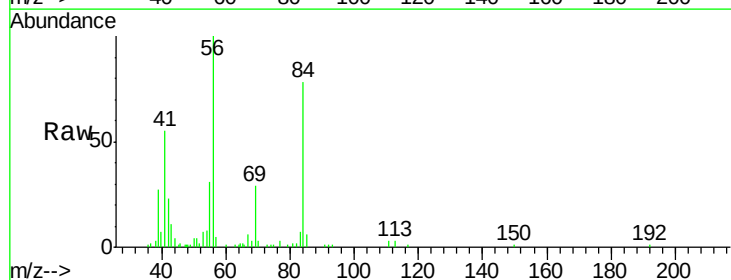
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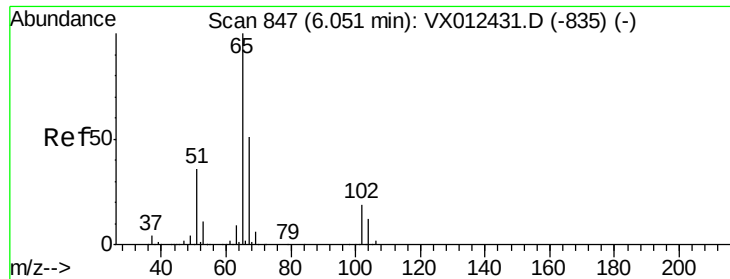
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#31
Cyclohexane
Concen: 16.893 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012507.D
Acq: 19 Sep 2019 05:01

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	32294		
69	28.6	25.0	37.6	
84	77.6	66.4	99.6	





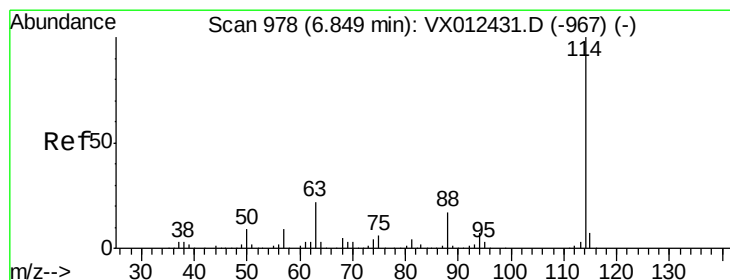
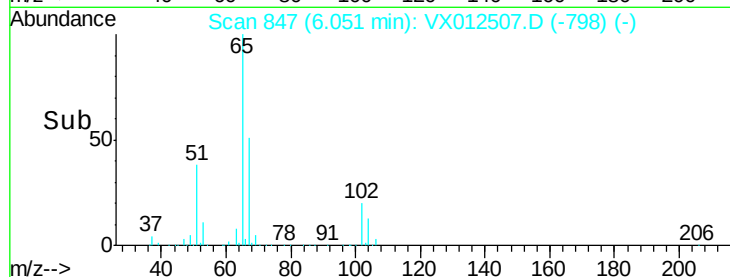
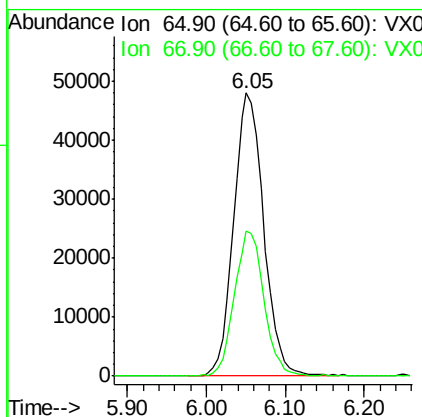
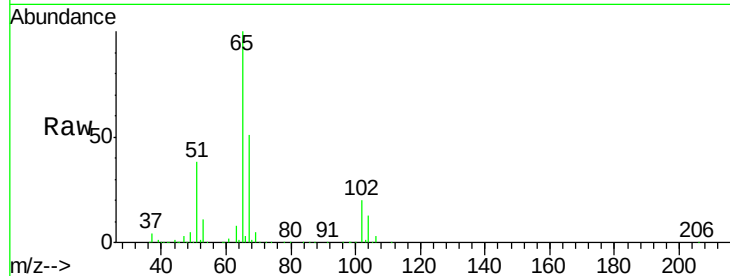
#33
 1,2-Dichloroethane-d4
 Concen: 45.958 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012507.D
 Acq: 19 Sep 2019 05:01

Instrument :
 MSVOA_X
 ClientSampled :
 S13-0272DL

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.2

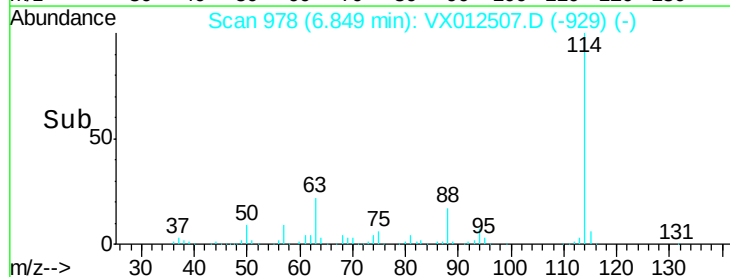
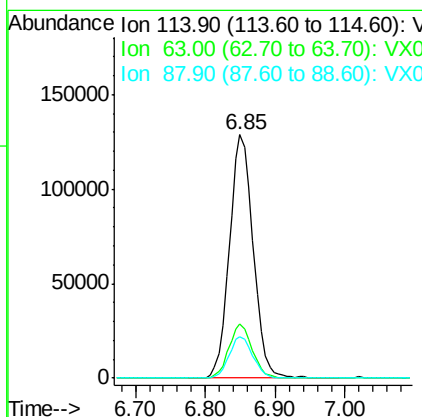
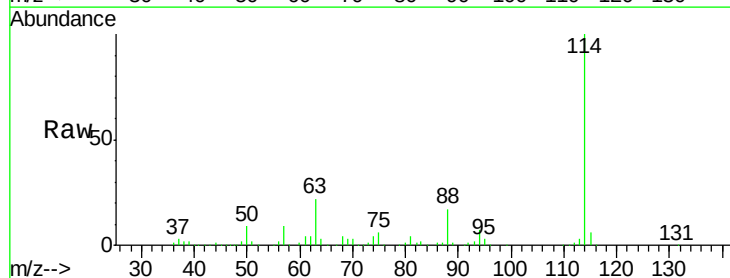
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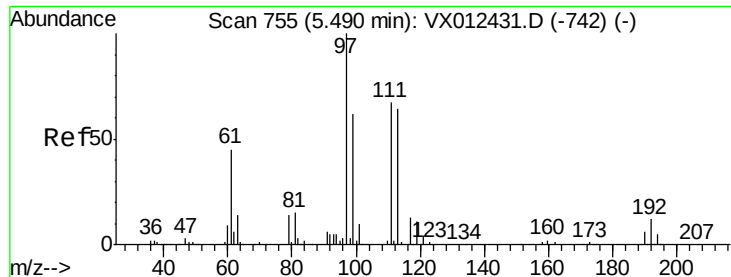
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012507.D
 Acq: 19 Sep 2019 05:01

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.2
88	16.9	0.0	33.2





#35

Dibromofluoromethane

Concen: 49.135 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Instrument :

MSVOA_X

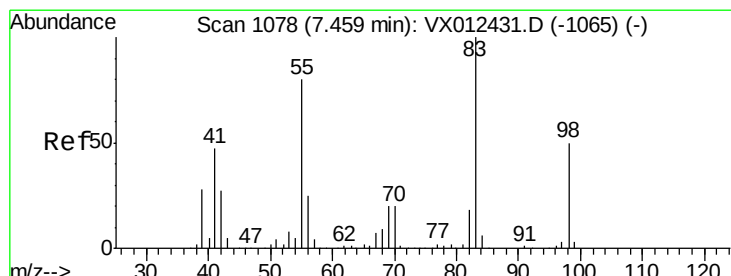
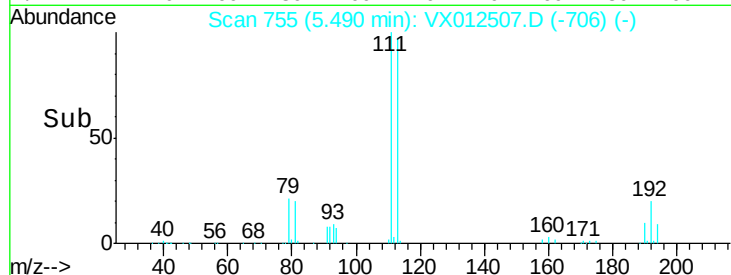
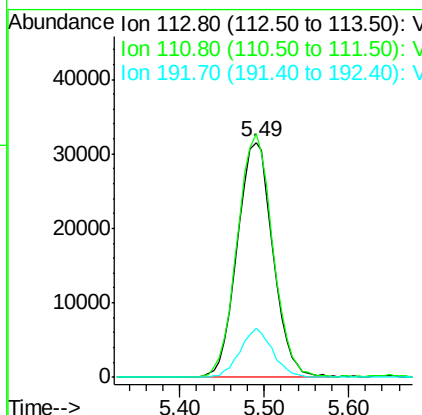
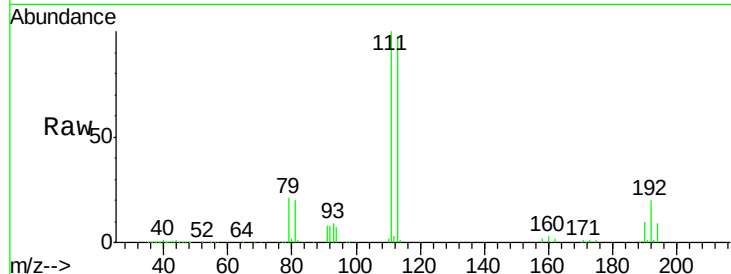
ClientSampleId :

S13-0272DL

Tot Ion:	113	Resp:	90344
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.2
192	19.1	14.4	21.6

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#39

Methylcyclohexane

Concen: 23.893 ug/l

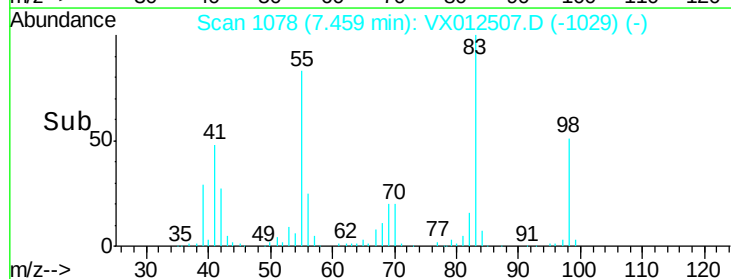
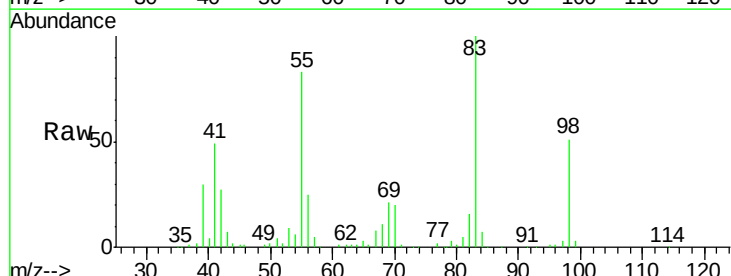
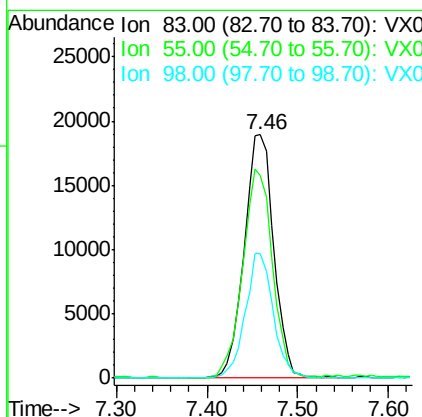
RT: 7.46 min Scan# 1078

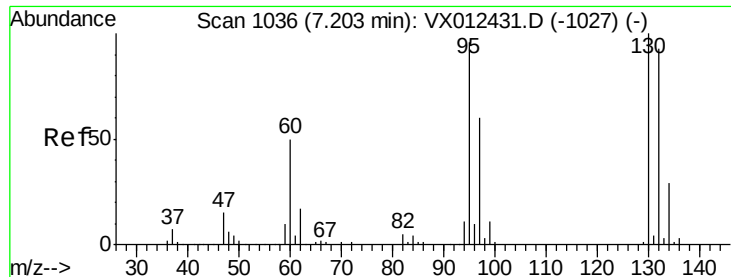
Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Tgt Ion:	83	Resp:	42884
Ion	Ratio	Lower	Upper
83	100		
55	83.4	64.4	96.6
98	51.0	40.1	60.1





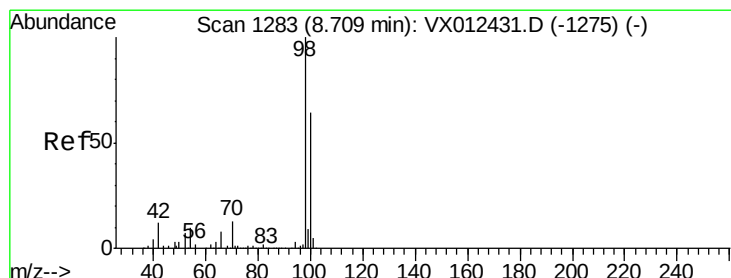
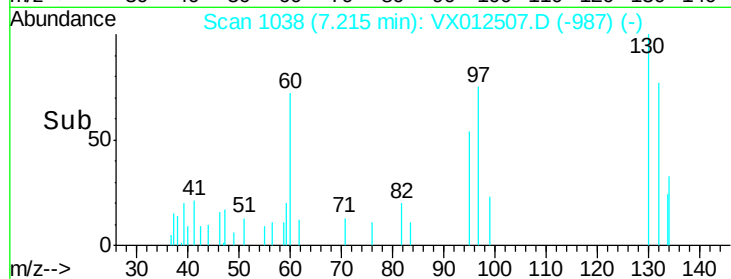
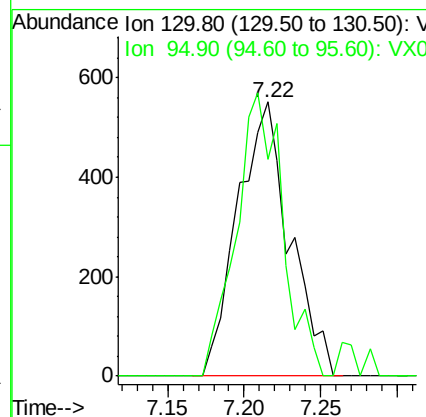
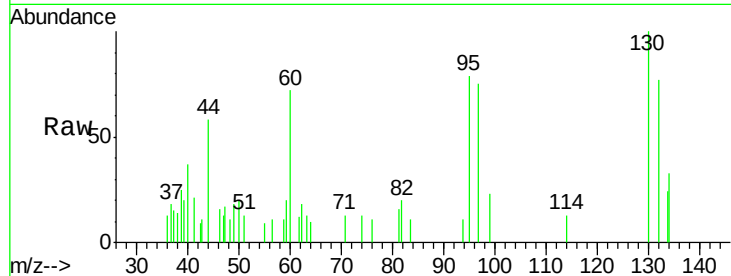
#44
 Trichloroethene
 Concen: 0.844 ug/l
 RT: 7.22 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VX012507.D
 Acq: 19 Sep 2019 05:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0272DL

Tot Ion:130 Resp: 1304
 Ion Ratio Lower Upper
 130 100
 95 79.3 0.0 193.0

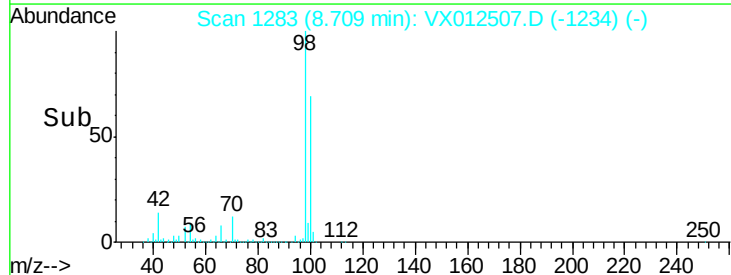
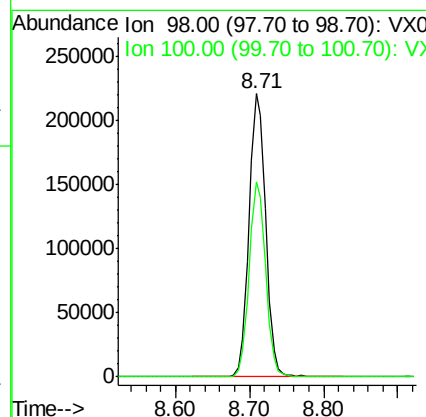
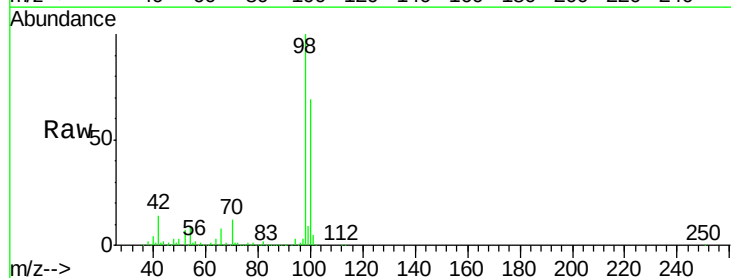
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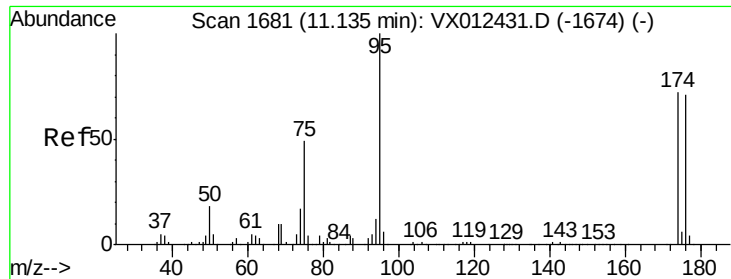
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#50
 Toluene-d8
 Concen: 51.145 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012507.D
 Acq: 19 Sep 2019 05:01

Tgt Ion: 98 Resp: 348082
 Ion Ratio Lower Upper
 98 100
 100 68.0 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 44.213 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Instrument :

MSVOA_X

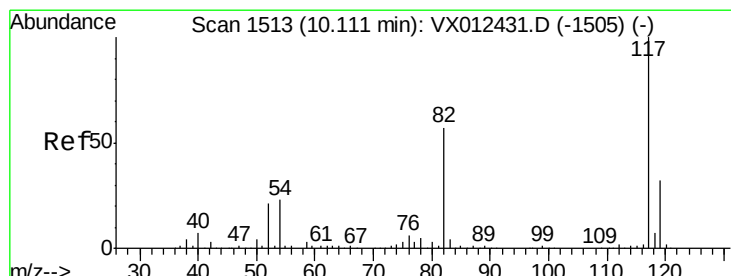
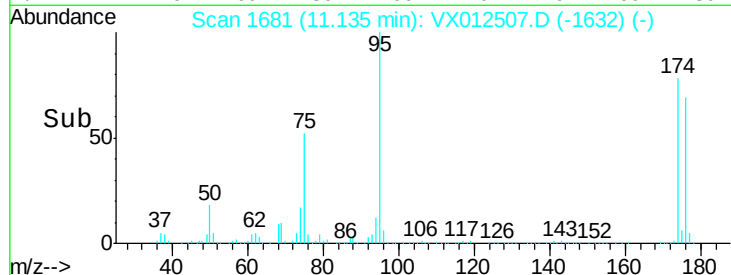
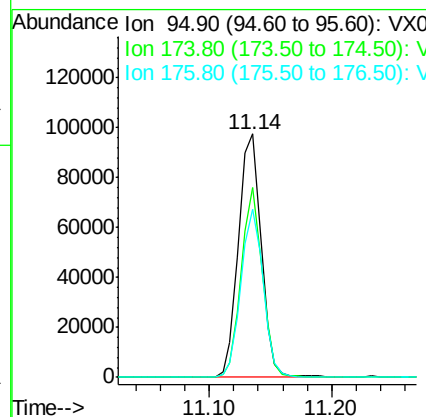
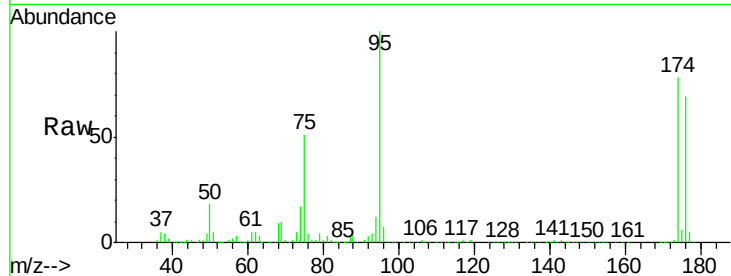
ClientSampleId :

S13-0272DL

Tot Ion:	95	Resp:	124937
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	140.0
176	67.4	0.0	135.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

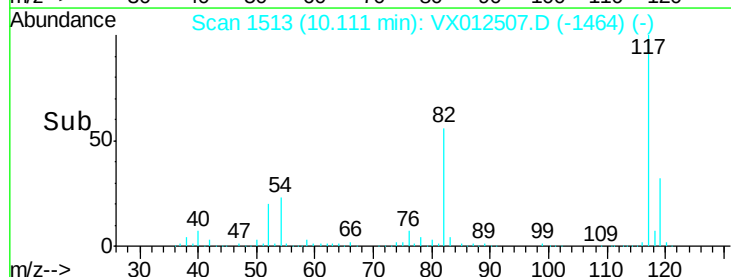
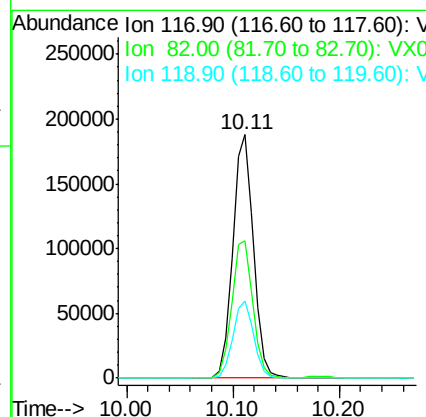
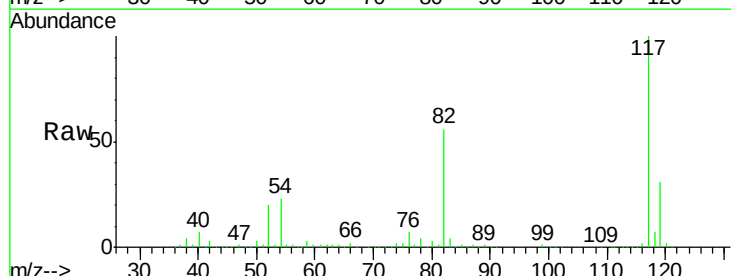
RT: 10.11 min Scan# 1513

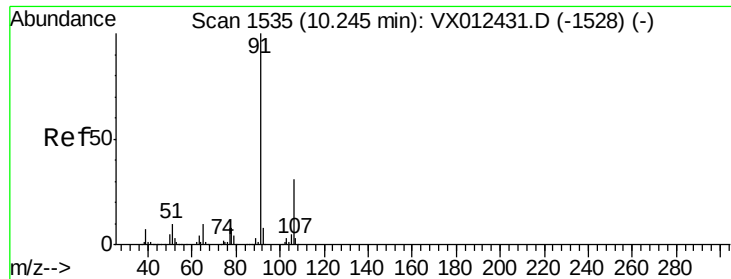
Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Tgt Ion:	117	Resp:	255026
Ion Ratio	Lower	Upper	
117	100		
82	56.3	45.9	68.9
119	31.5	25.3	37.9





#67

Ethyl Benzene

Concen: 8.985 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Instrument :

MSVOA_X

ClientSampled :

S13-0272DL

Tot Ion: 91 Resp: 64974

Ion Ratio Lower Upper

91 100

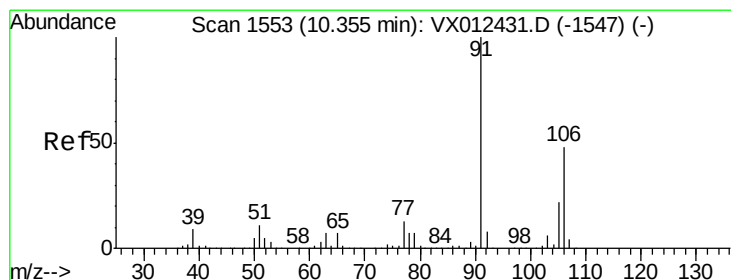
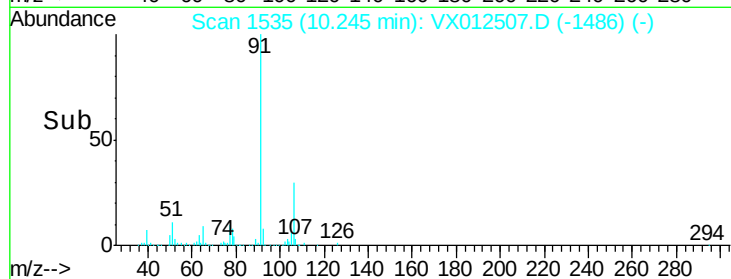
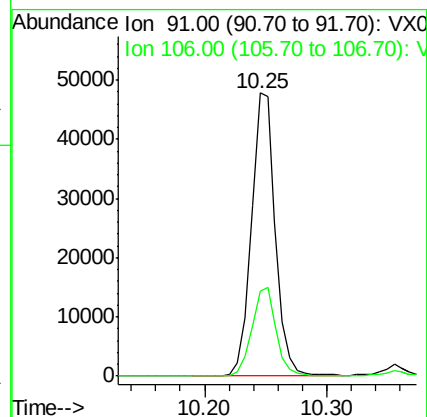
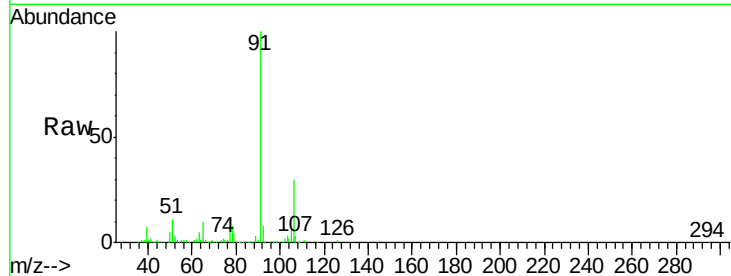
106 30.1 24.6 37.0

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#68

m/p-Xylenes

Concen: 0.549 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012507.D

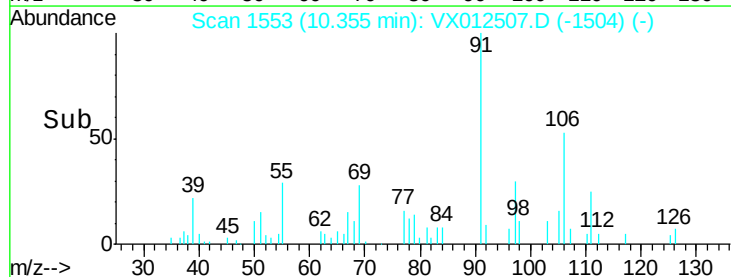
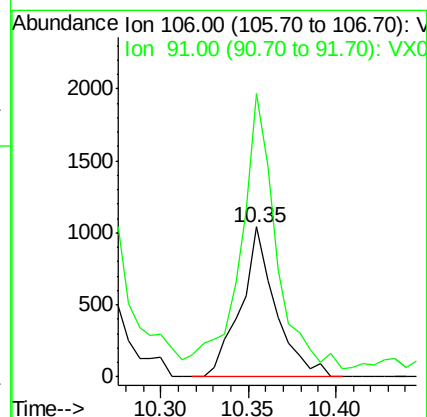
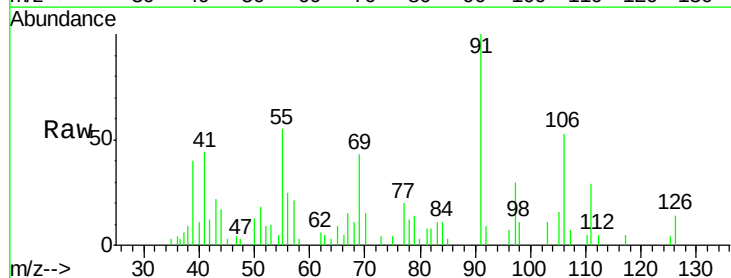
Acq: 19 Sep 2019 05:01

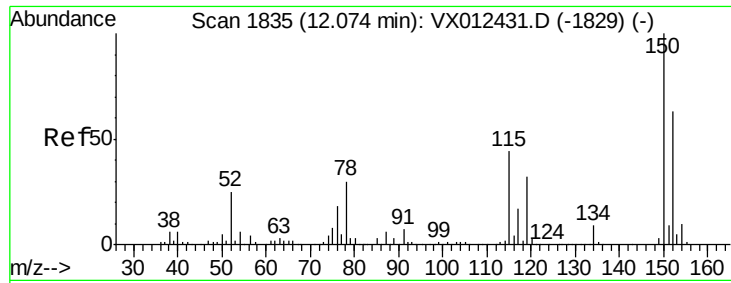
Tgt Ion: 106 Resp: 1444

Ion Ratio Lower Upper

106 100

91 186.2 166.6 250.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Instrument :

MSVOA_X

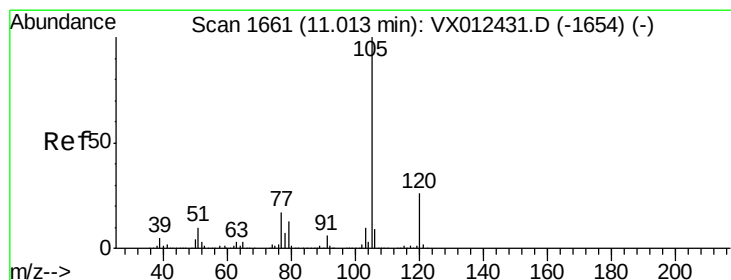
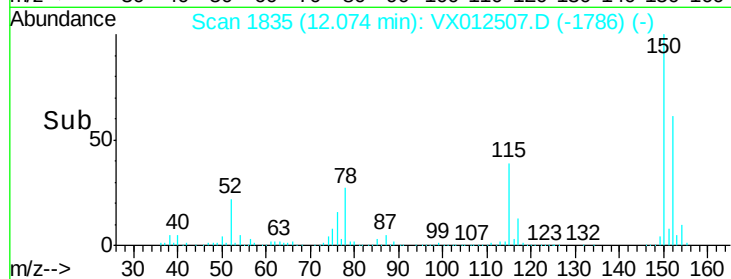
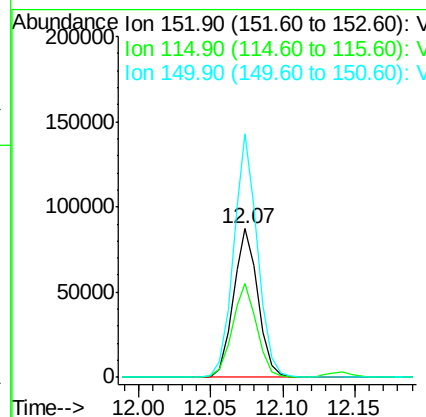
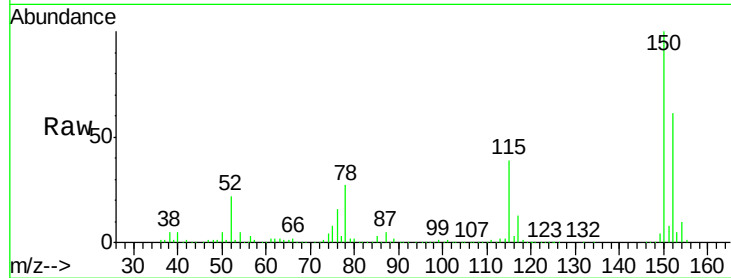
ClientSampleId :

S13-0272DL

Tot Ion:	152	Resp:	103911
Ion Ratio	Lower	Upper	
152	100		
115	63.3	44.1	132.3
150	158.8	0.0	343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 3.850 ug/l

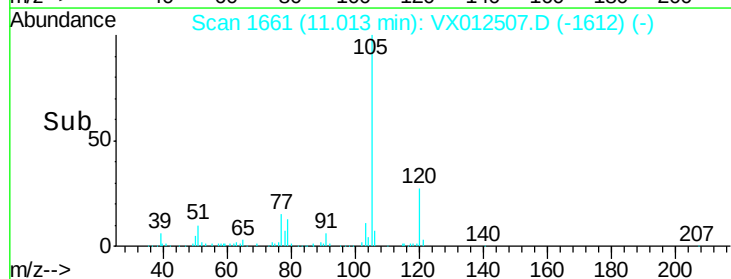
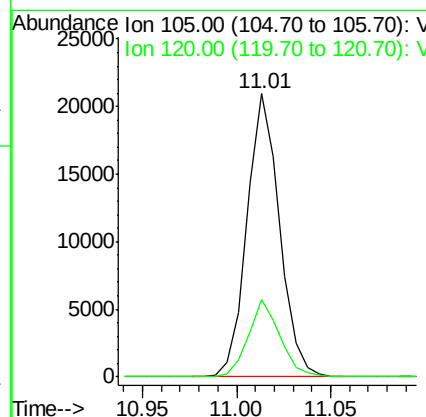
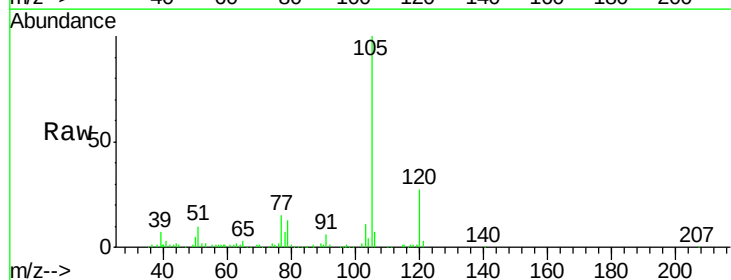
RT: 11.01 min Scan# 1661

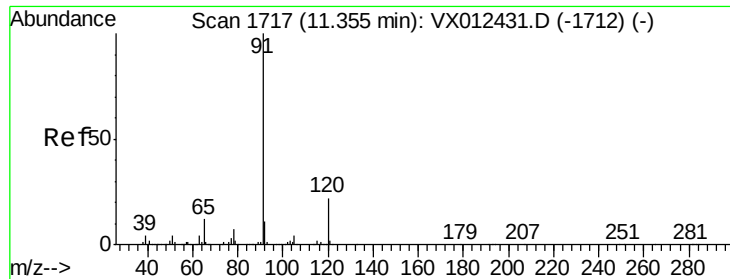
Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Tgt Ion:	105	Resp:	25100
Ion Ratio	Lower	Upper	
105	100		
120	26.5	12.9	38.7





#78

n-propylbenzene

Concen: 4.875 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Instrument :

MSVOA_X

ClientSampleId :

S13-0272DL

Tot Ion: 91 Resp: 35426

Ion Ratio Lower Upper

91 100

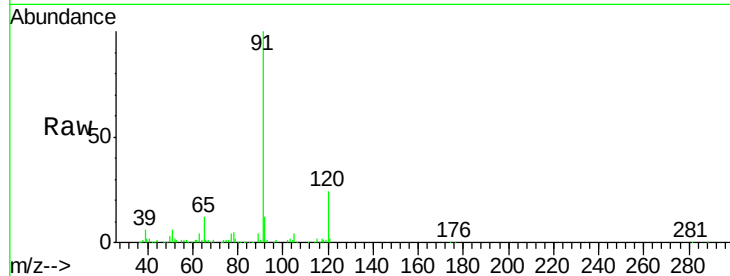
120 24.0 11.3 33.8

Manual Integrations

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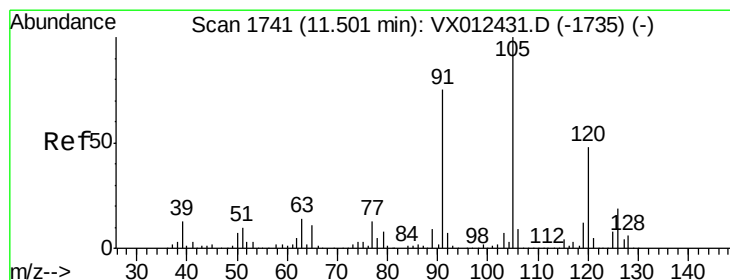
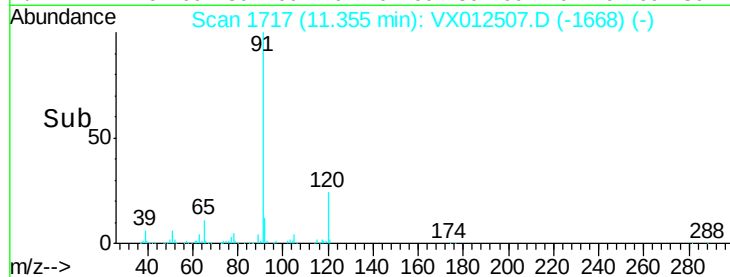
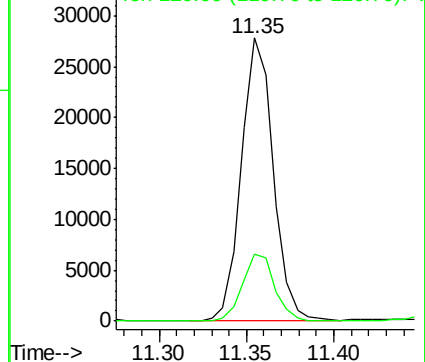
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#80

1,3,5-Trimethylbenzene

Concen: 3.654 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012507.D

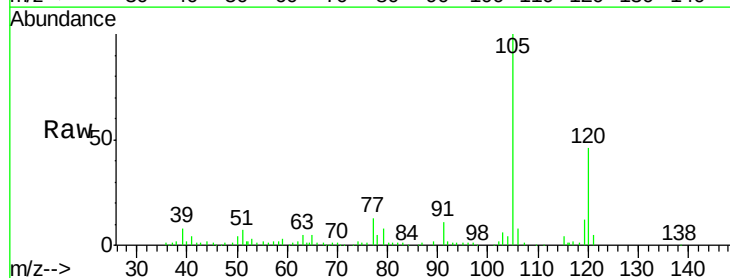
Acq: 19 Sep 2019 05:01

Tgt Ion: 105 Resp: 20319

Ion Ratio Lower Upper

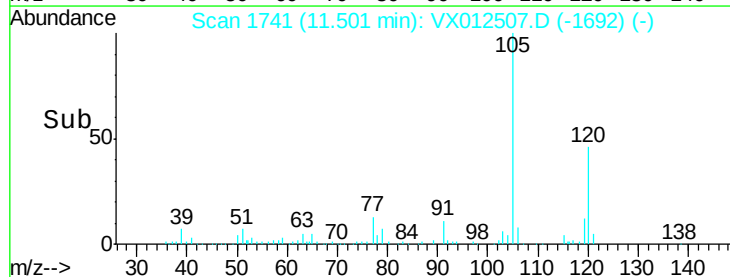
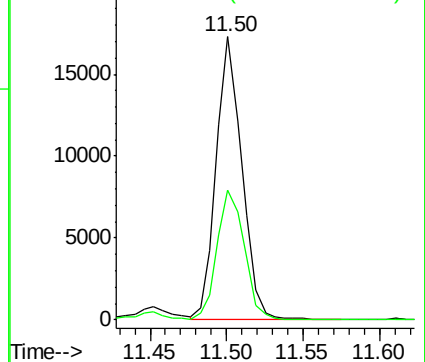
105 100

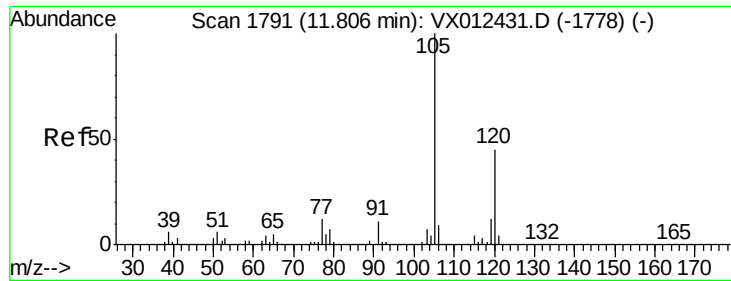
120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





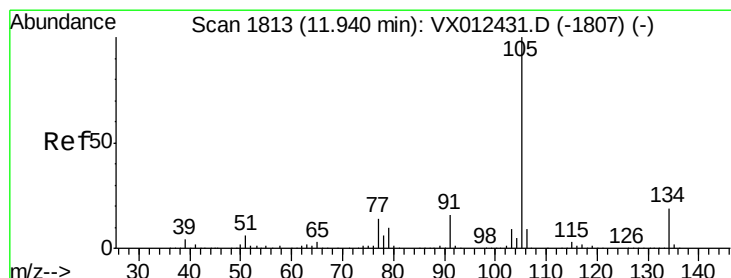
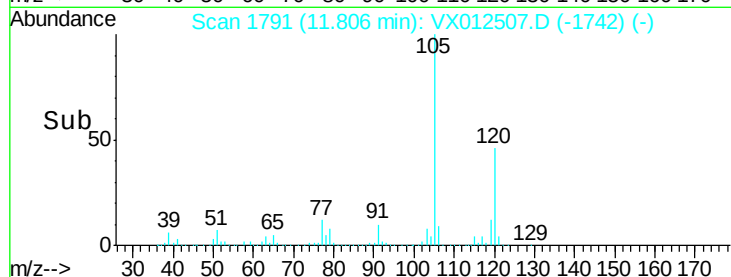
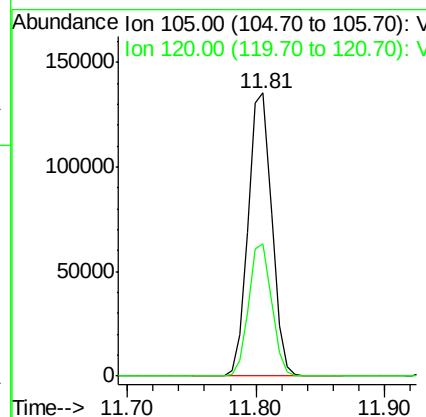
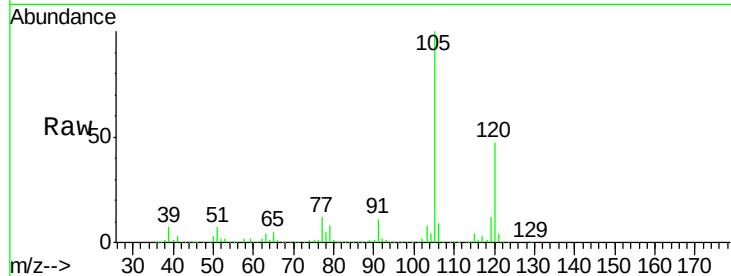
#84
 1,2,4-Trimethylbenzene
 Concen: 29.861 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012507.D
 Acq: 19 Sep 2019 05:01

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0272DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.2	66.6

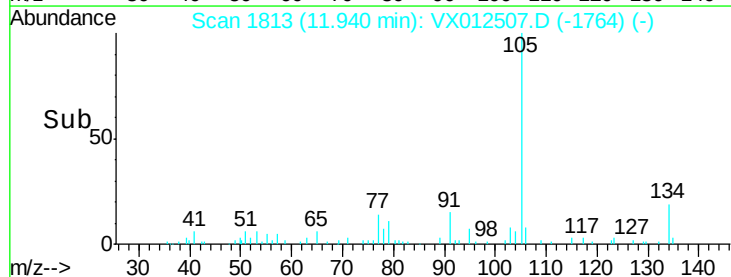
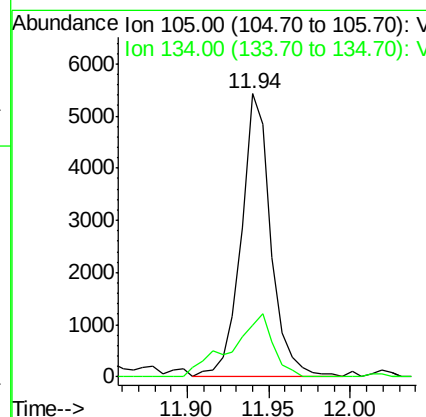
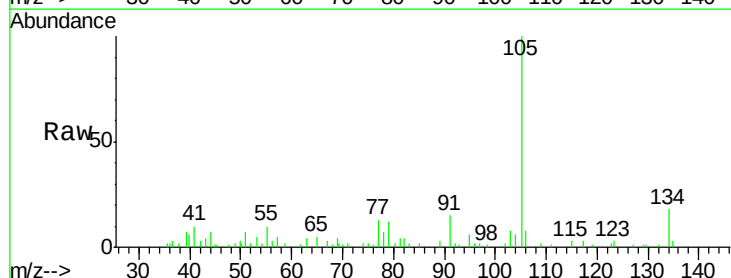
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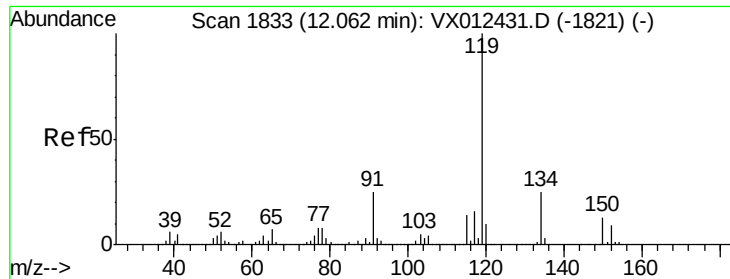
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#85
 sec-Butylbenzene
 Concen: 1.048 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012507.D
 Acq: 19 Sep 2019 05:01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	31.3	9.8	29.4#





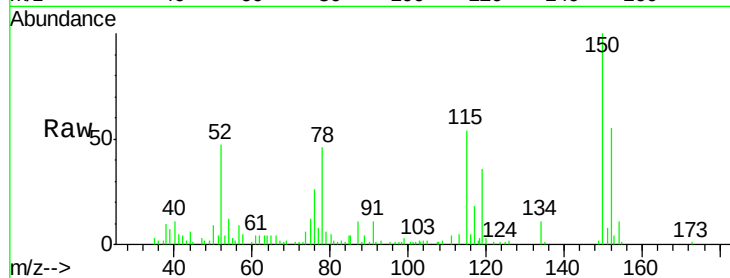
#86
p-Isopropyltoluene
Concen: 0.705 ug/l m
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX012507.D
Acq: 19 Sep 2019 05:01

Instrument :
MSVOA_X
ClientSampled :
S13-0272DL

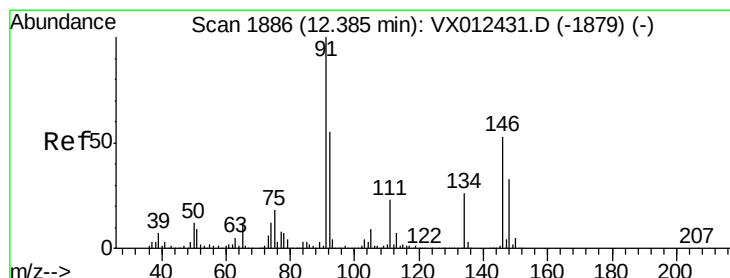
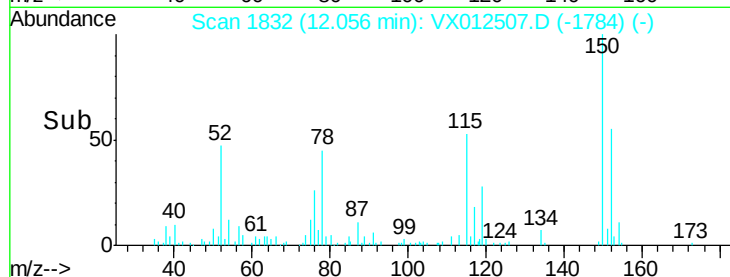
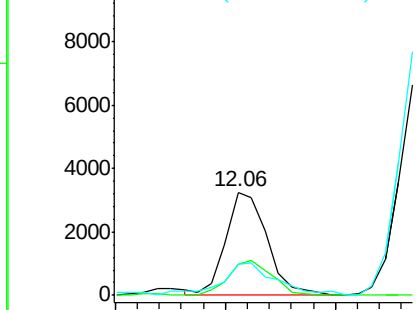
Tot Ion	Ratio	Lower	Upper
119	100		
134	17.0	12.7	38.1
91	17.2	12.8	38.4

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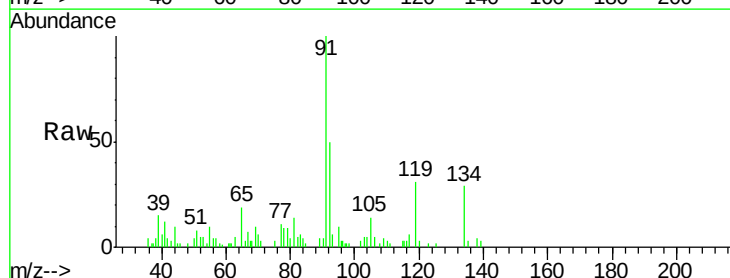


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V

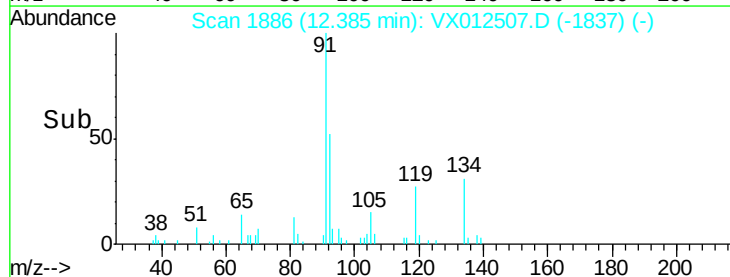
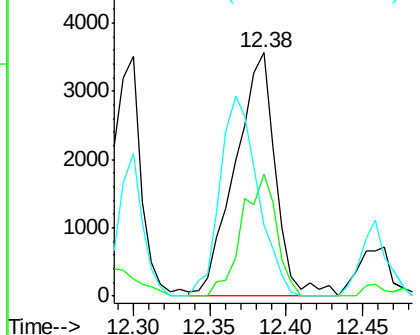


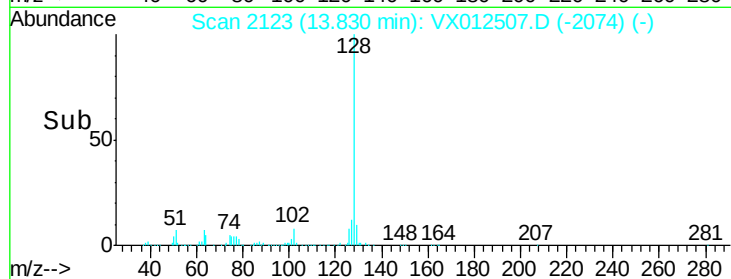
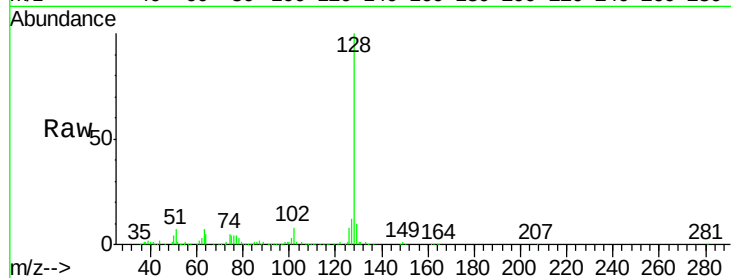
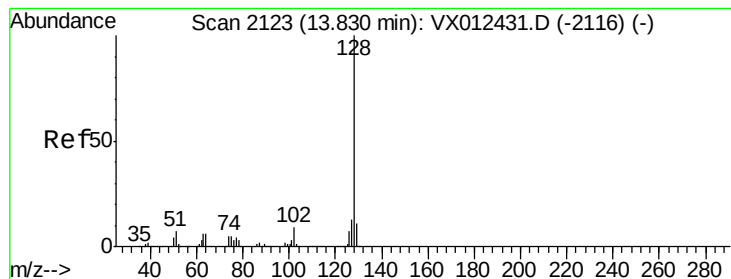
#89
n-Butylbenzene
Concen: 1.216 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012507.D
Acq: 19 Sep 2019 05:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	42.9	27.7	83.0
134	77.2	12.9	38.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 6.920 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012507.D

Acq: 19 Sep 2019 05:01

Tot Ion:	128	Resp:	49584
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	12.4	8.8	13.2

Instrument :

MSVOA_X

ClientSampleId :

S13-0272DL

Manual Integrations
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