

Data File : VX000285.D
Acq On : 12 Mar 2018 19:27
Operator : JC/MD
Sample : J1727-01MEDL 5X
Misc : 5.73g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T-1MEDL

Quant Time: Mar 14 06:41:34 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	166165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	283655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	277042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178190	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	105560	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
35) Dibromofluoromethane	5.51	113	81565	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
50) Toluene-d8	8.73	98	332630	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
62) 4-Bromofluorobenzene	11.15	95	138735	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

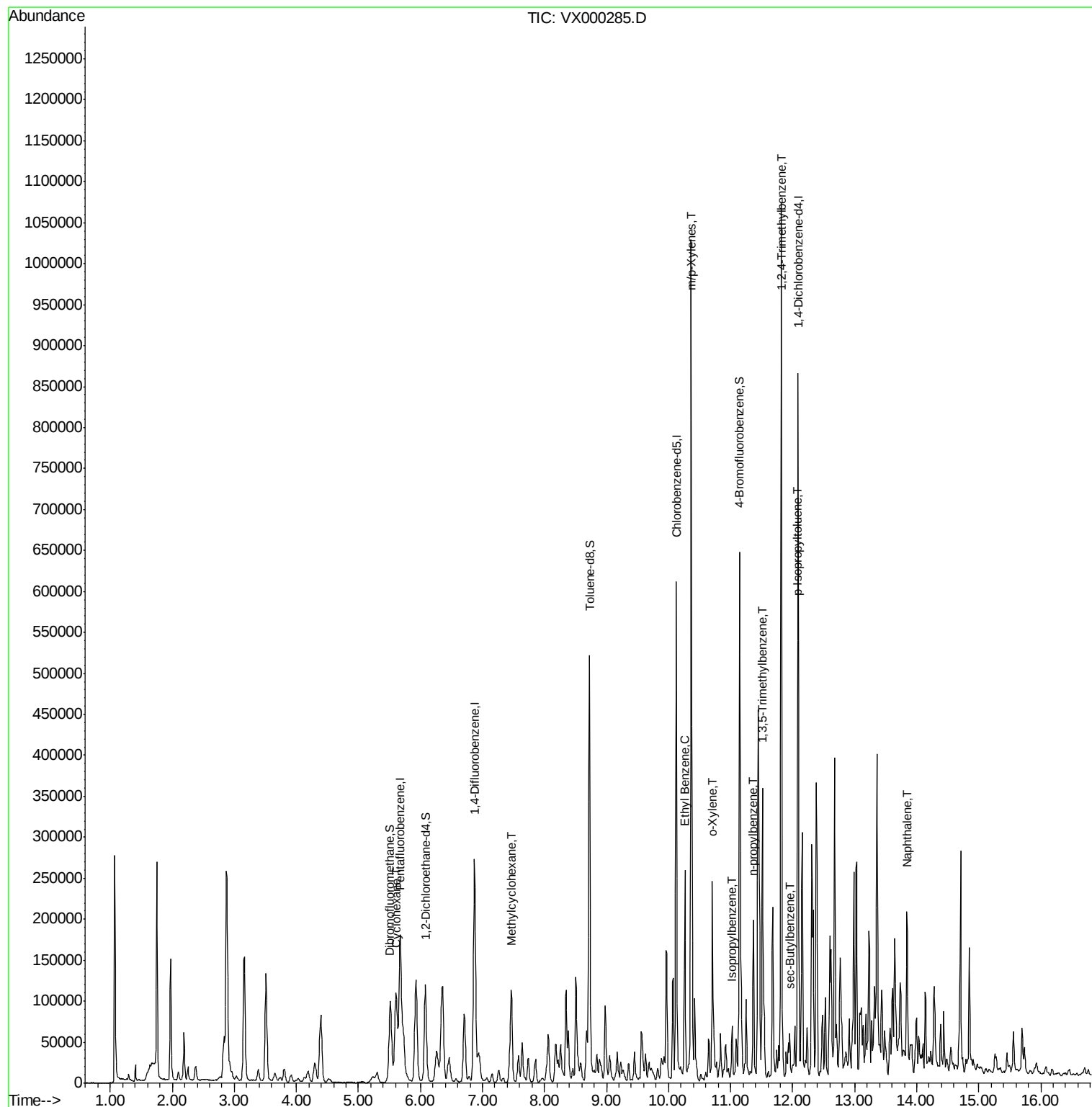
Target Compounds						Qvalue
31) Cyclohexane	5.60	56	32589	12.93	ug/l	# 56
39) Methylcyclohexane	7.46	83	47941	15.48	ug/l	97
67) Ethyl Benzene	10.26	91	146179	14.97	ug/l	98
68) m/p-Xylenes	10.37	106	241472	64.25	ug/l	99
69) o-Xylene	10.71	106	51552	14.27	ug/l	99
73) Isopropylbenzene	11.02	105	29595	2.65	ug/l	100
78) n-propylbenzene	11.37	91	117300	8.93	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	150158	16.12	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	445850	46.55	ug/l	100
85) sec-Butylbenzene	11.96	105	19562	1.71	ug/l	95
86) p-Isopropyltoluene	12.07	119	10467	1.04	ug/l	96
95) Naphthalene	13.84	128	115608	8.39	ug/l	97

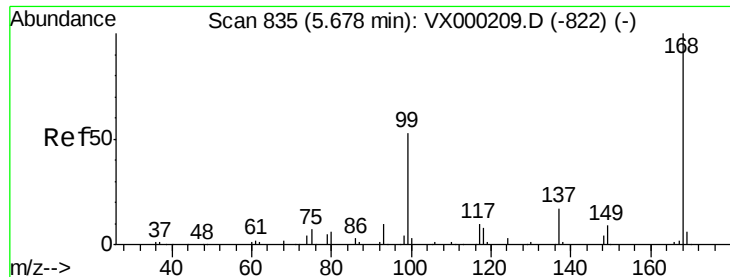
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 14 06:41:34 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000285.D

Acq: 12 Mar 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

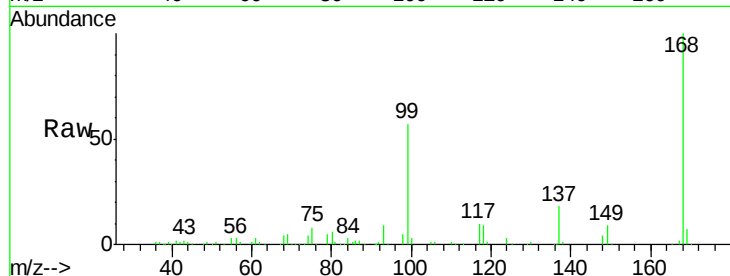
T-1MEDL

Tgt Ion:168 Resp: 166165

Ion Ratio Lower Upper

168 100

99 56.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

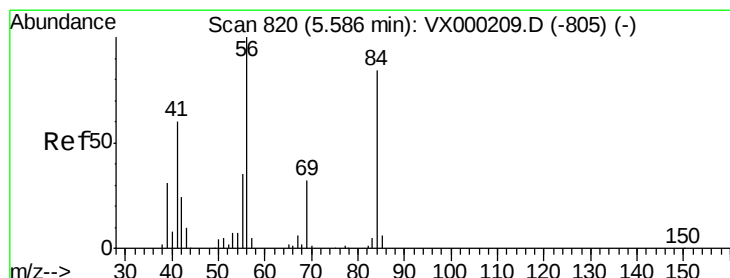
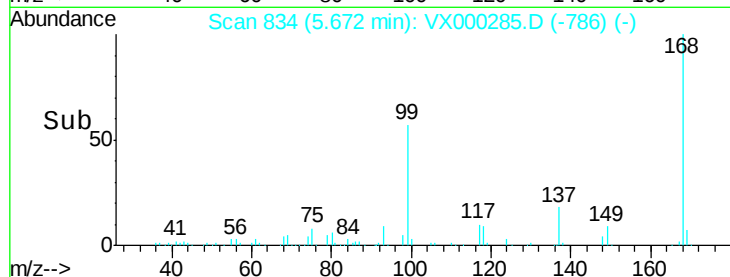
40000

20000

0

Time-->

5.60 5.70 5.80



#31

Cyclohexane

Concen: 12.93 ug/l

RT: 5.60 min Scan# 822

Delta R.T. 0.01 min

Lab File: VX000285.D

Acq: 12 Mar 2018 19:27

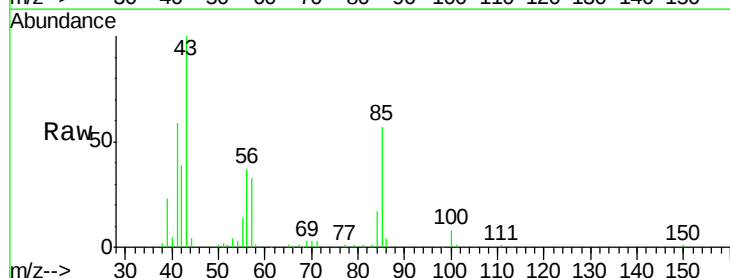
Tgt Ion: 56 Resp: 32589

Ion Ratio Lower Upper

56 100

69 3.4 25.3 37.9#

84 45.9 67.2 100.8#



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

15000

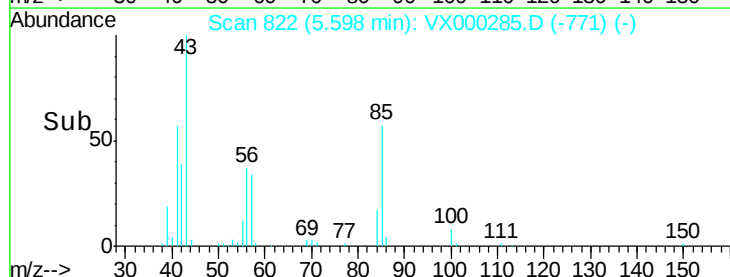
10000

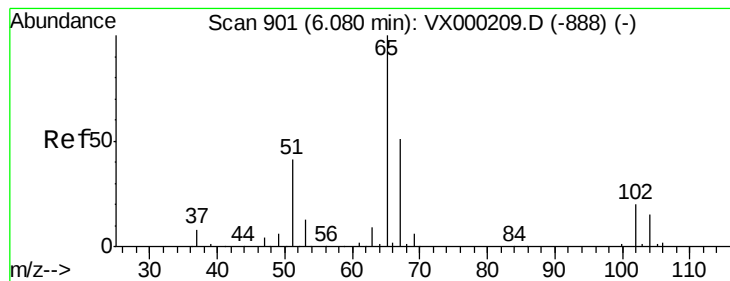
5000

0

Time-->

5.50 5.60 5.70





#33

1,2-Dichloroethane-d4

Concen: 45.83 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000285.D

Acq: 12 Mar 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

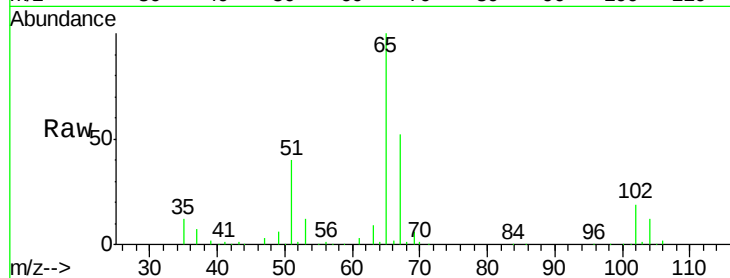
T-1MEDL

Tgt Ion: 65 Resp: 105560

Ion Ratio Lower Upper

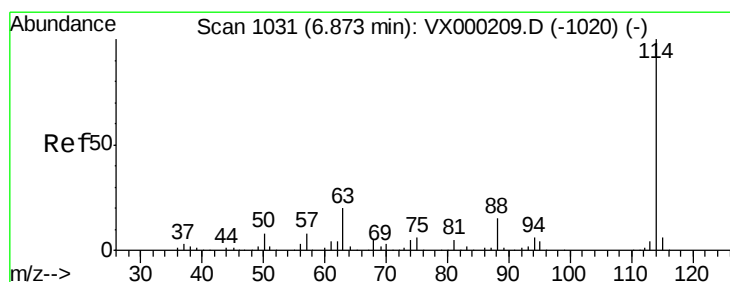
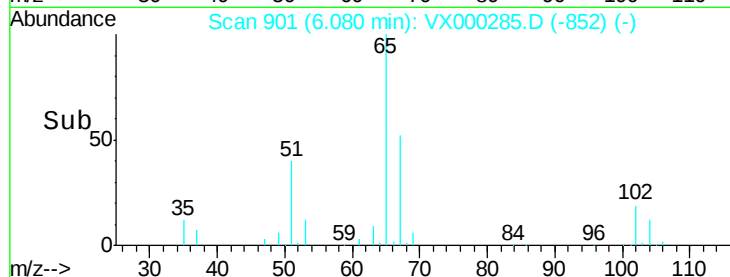
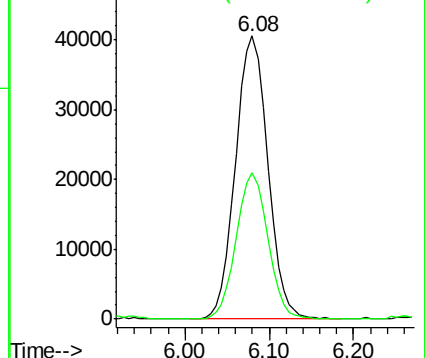
65 100

67 50.6 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000285.D

Acq: 12 Mar 2018 19:27

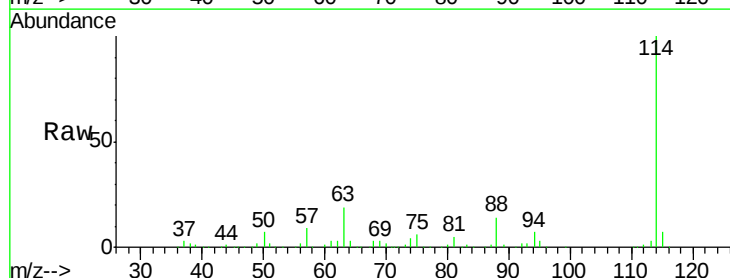
Tgt Ion: 114 Resp: 283655

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.2

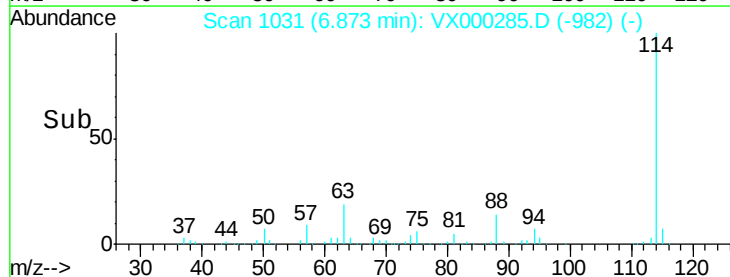
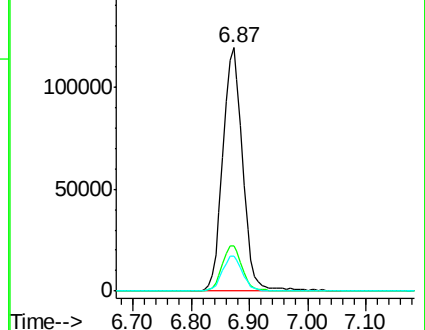
88 14.3 0.0 29.8

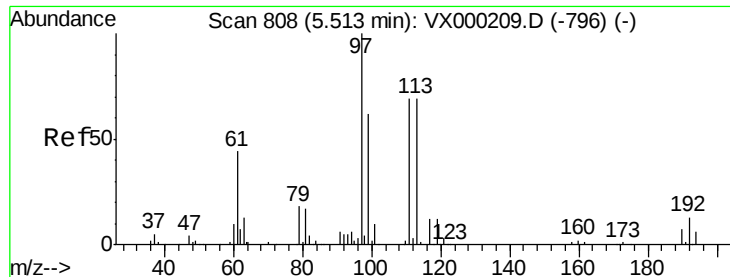


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

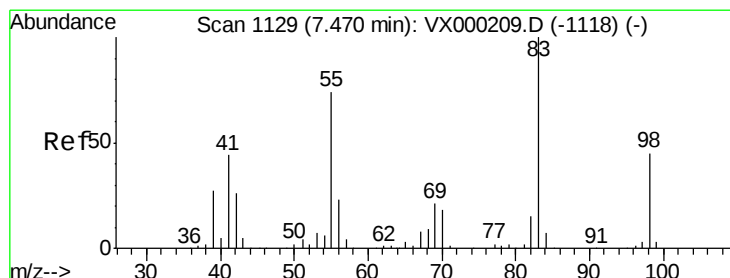
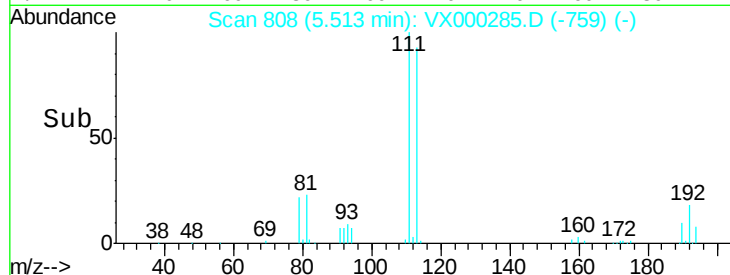
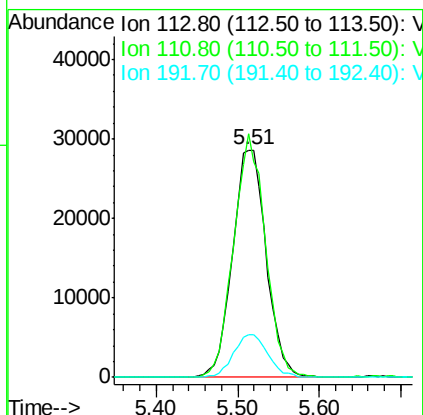
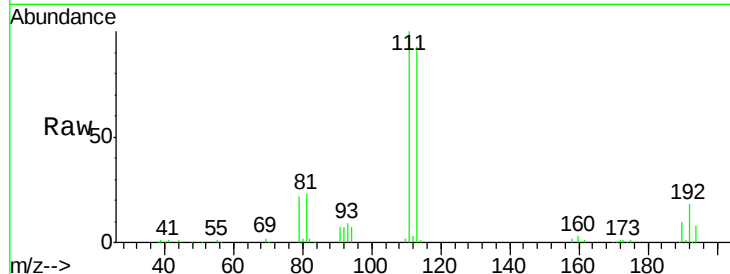




#35
 Dibromofluoromethane
 Concen: 45.78 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000285.D
 Acq: 12 Mar 2018 19:27

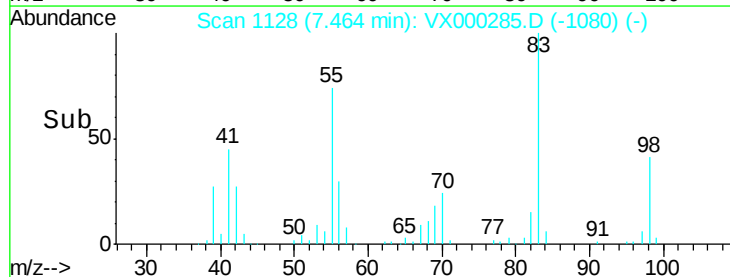
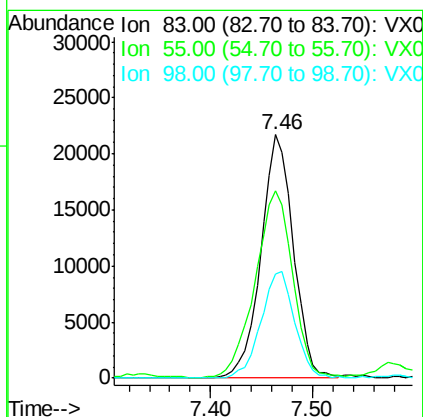
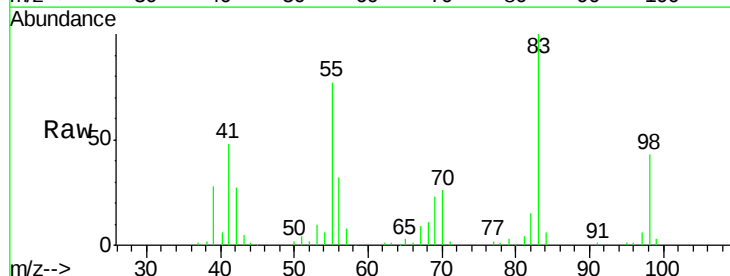
Instrument :
 MSVOA_X
 ClientSampleId :
 T-1MEDL

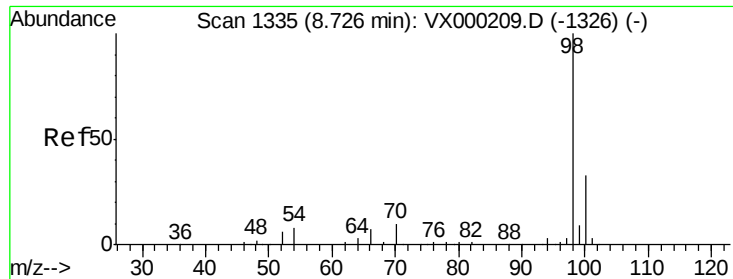
Tgt Ion: 113 Resp: 81565
 Ion Ratio Lower Upper
 113 100
 111 101.1 83.0 124.6
 192 19.2 15.5 23.3



#39
 Methylcyclohexane
 Concen: 15.48 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: VX000285.D
 Acq: 12 Mar 2018 19:27

Tgt Ion: 83 Resp: 47941
 Ion Ratio Lower Upper
 83 100
 55 76.7 59.4 89.0
 98 42.6 36.3 54.5

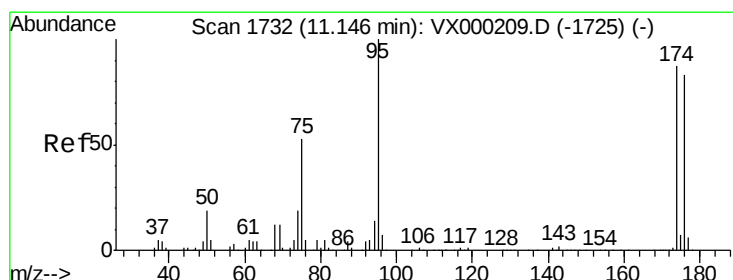
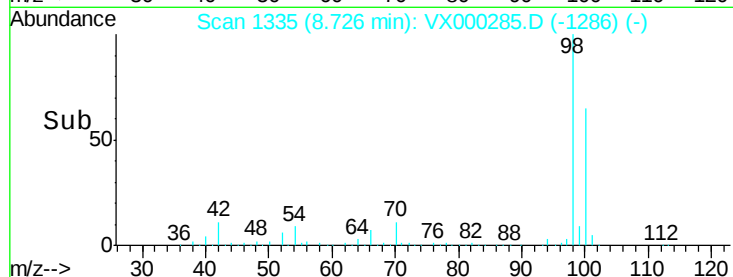
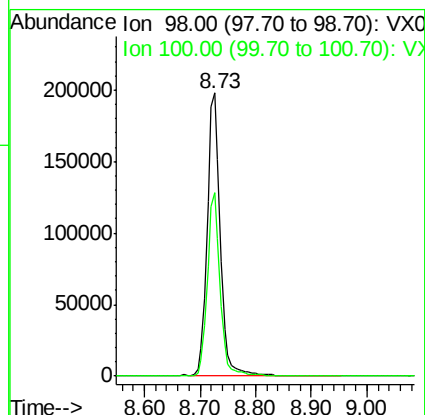
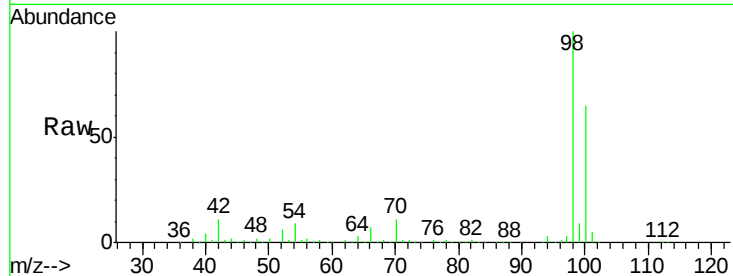




#50
Toluene-d8
Concen: 45.07 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000285.D
Acq: 12 Mar 2018 19:27

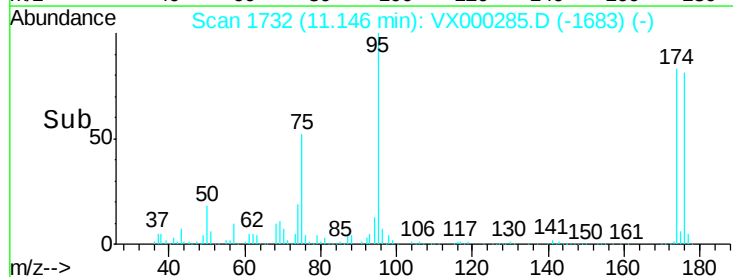
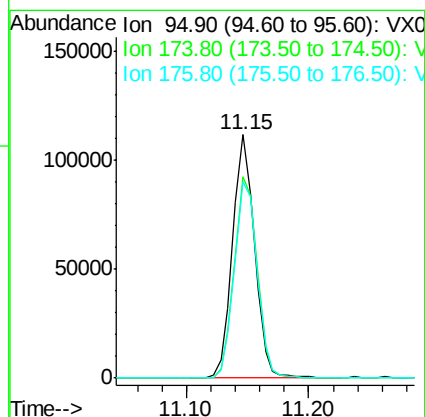
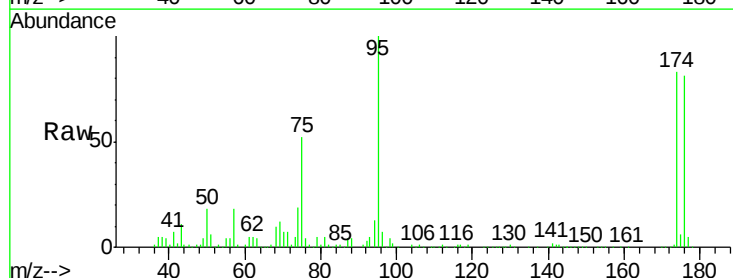
Instrument :
MSVOA_X
ClientSampleId :
T-1MEDL

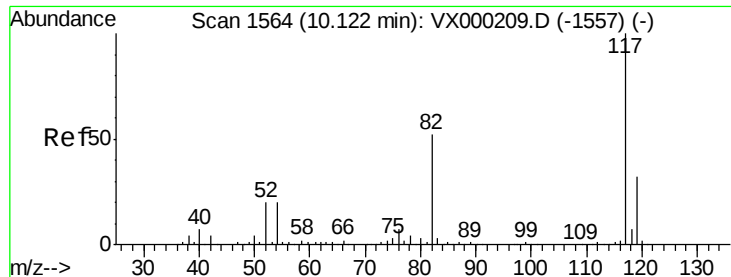
Tgt Ion: 98 Resp: 332630
Ion Ratio Lower Upper
98 100
100 63.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 48.17 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000285.D
Acq: 12 Mar 2018 19:27

Tgt Ion: 95 Resp: 138735
Ion Ratio Lower Upper
95 100
174 86.4 0.0 175.6
176 83.9 0.0 171.0

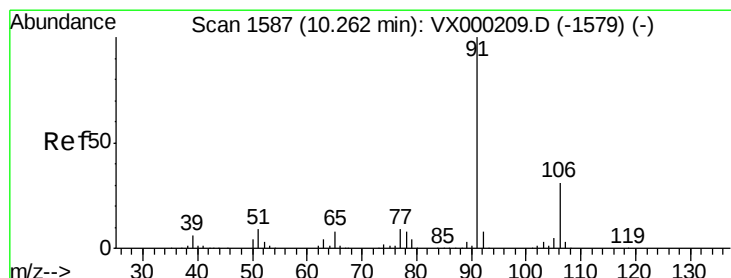
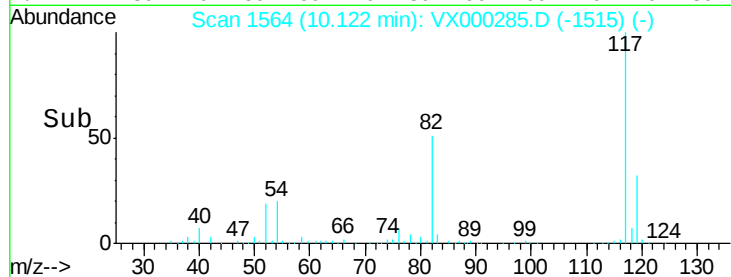
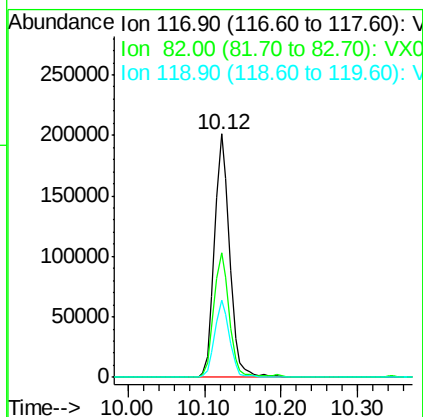
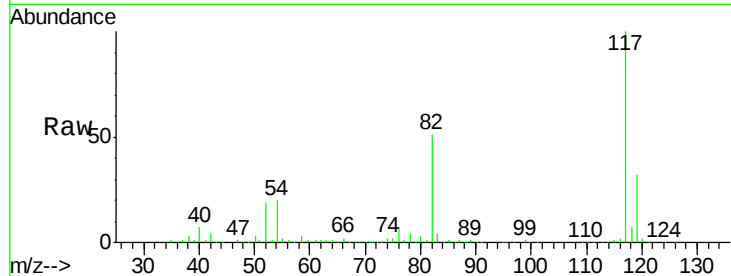




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000285.D
Acq: 12 Mar 2018 19:27

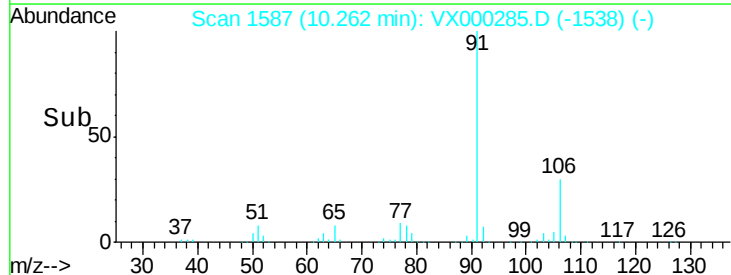
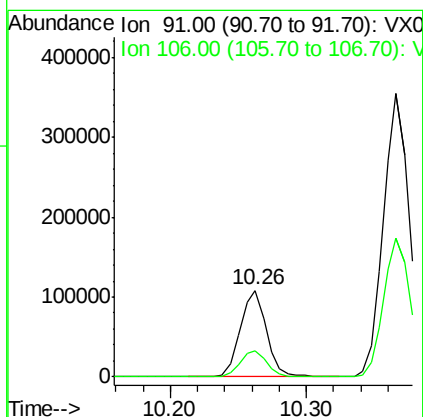
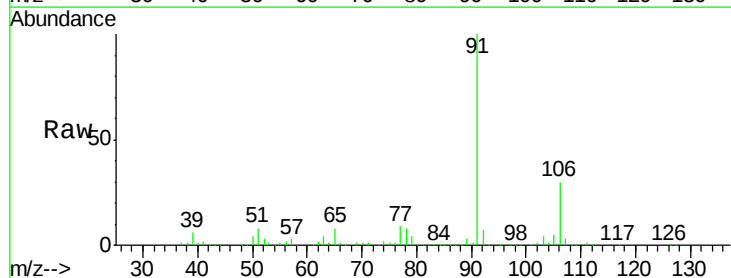
Instrument :
MSVOA_X
ClientSampleId :
T-1MEDL

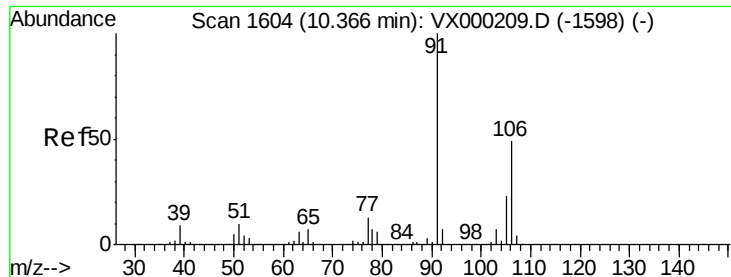
Tgt Ion: 117 Resp: 277042
Ion Ratio Lower Upper
117 100
82 51.2 42.0 63.0
119 31.7 25.3 37.9



#67
Ethyl Benzene
Concen: 14.97 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000285.D
Acq: 12 Mar 2018 19:27

Tgt Ion: 91 Resp: 146179
Ion Ratio Lower Upper
91 100
106 30.3 25.2 37.8





#68

m/p-Xylenes

Concen: 64.25 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000285.D

Acq: 12 Mar 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

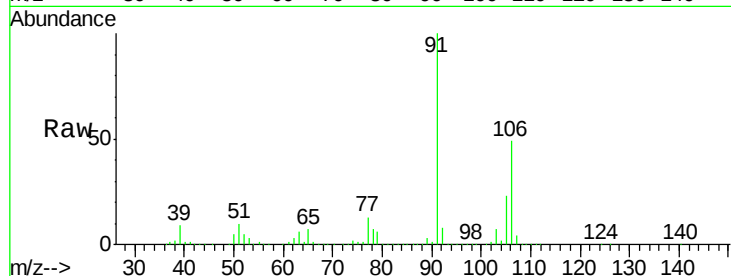
T-1MEDL

Tgt Ion:106 Resp: 241472

Ion Ratio Lower Upper

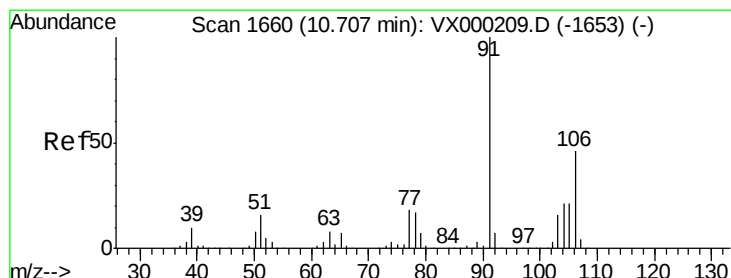
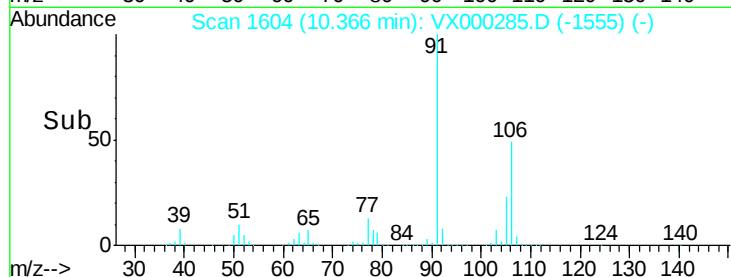
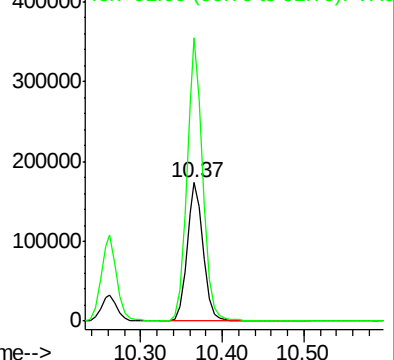
106 100

91 200.2 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 14.27 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX000285.D

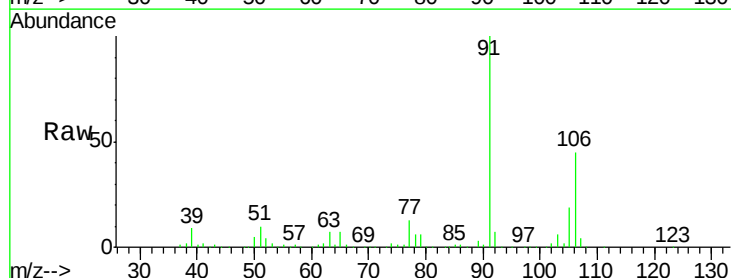
Acq: 12 Mar 2018 19:27

Tgt Ion:106 Resp: 51552

Ion Ratio Lower Upper

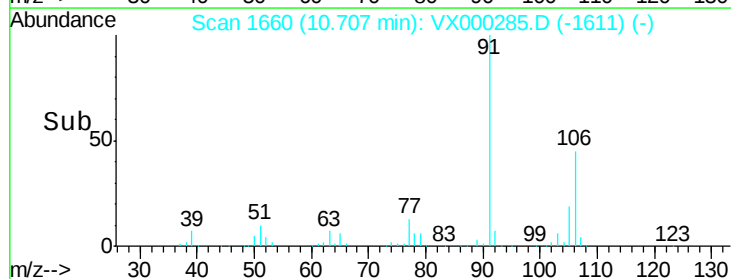
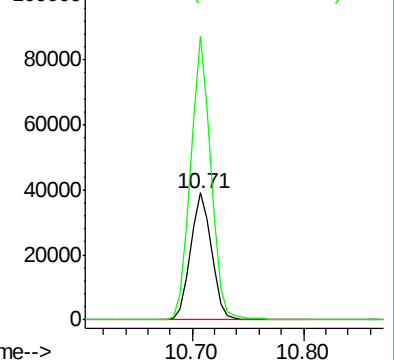
106 100

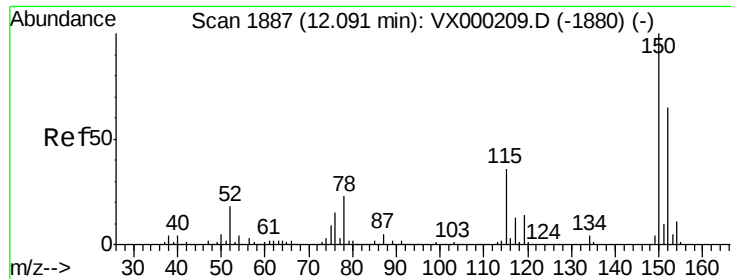
91 212.9 105.9 317.7



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: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000285.D

Acq: 12 Mar 2018 19:27

Instrument :

MSVOA_X

ClientSampleId :

T-1MEDL

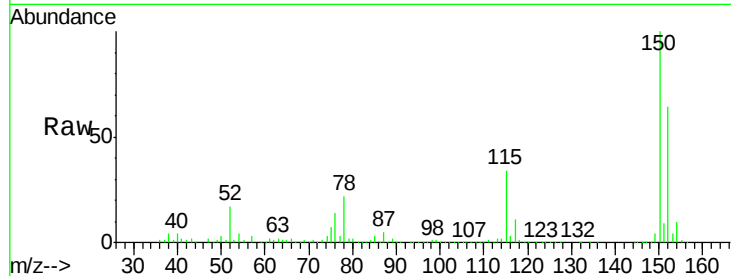
Tgt Ion:152 Resp: 178190

Ion Ratio Lower Upper

152 100

115 56.7 39.8 119.3

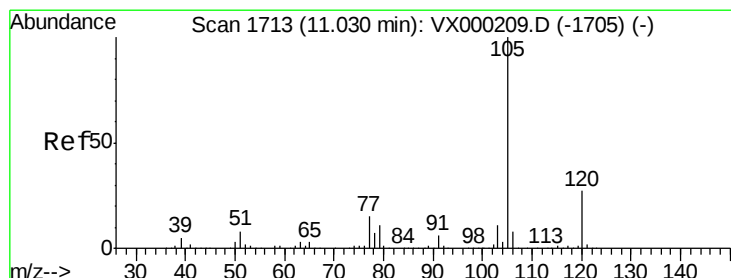
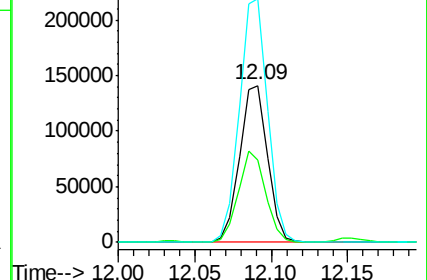
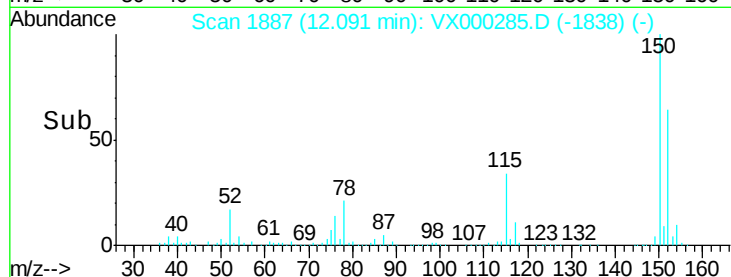
150 156.6 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 2.65 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000285.D

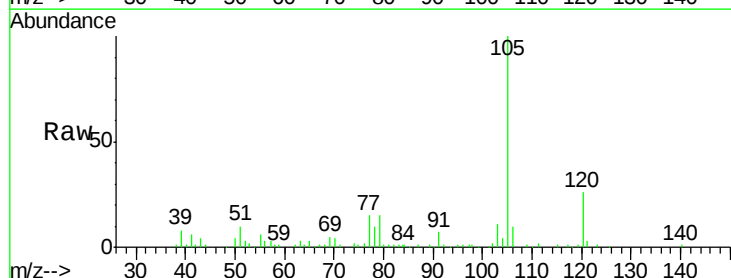
Acq: 12 Mar 2018 19:27

Tgt Ion:105 Resp: 29595

Ion Ratio Lower Upper

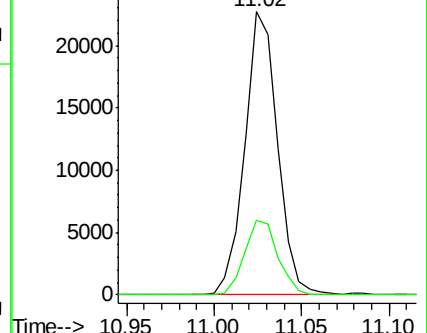
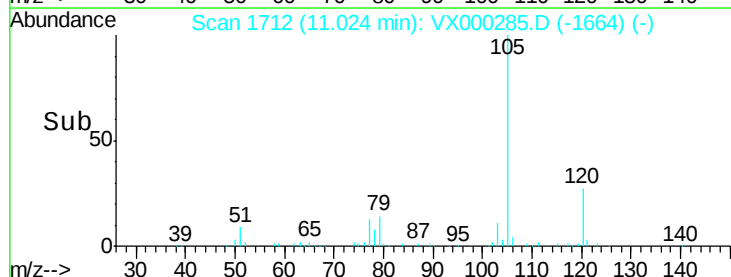
105 100

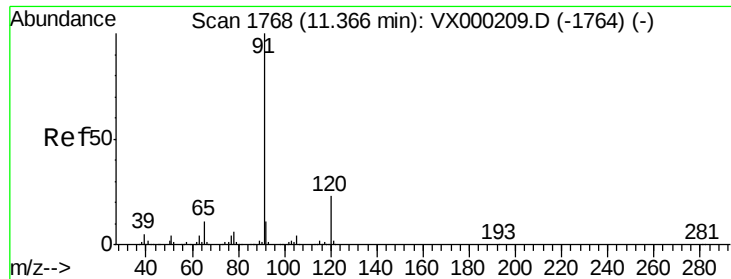
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

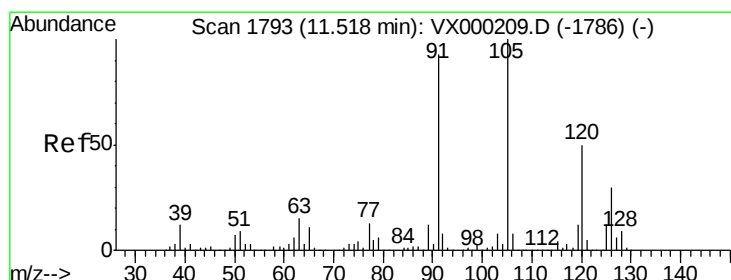
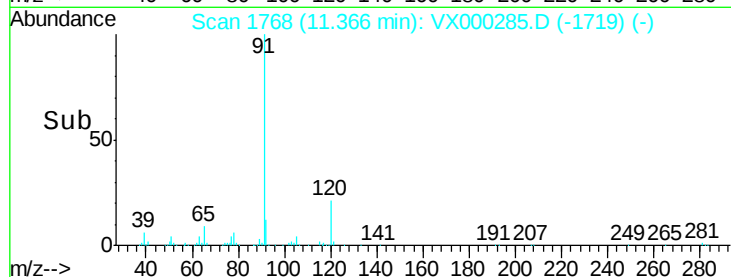
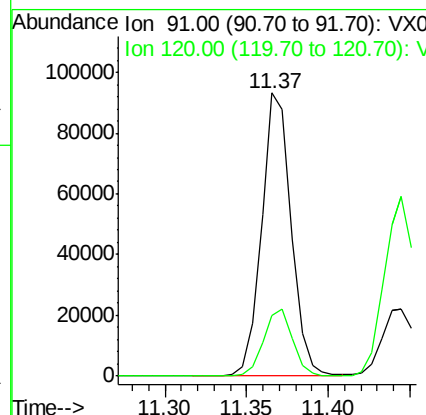
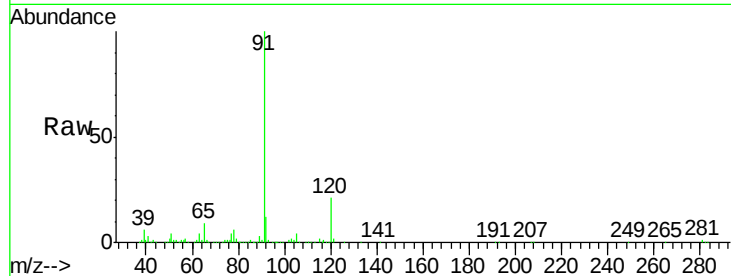




#78
n-propylbenzene
Concen: 8.93 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX000285.D
Acq: 12 Mar 2018 19:27

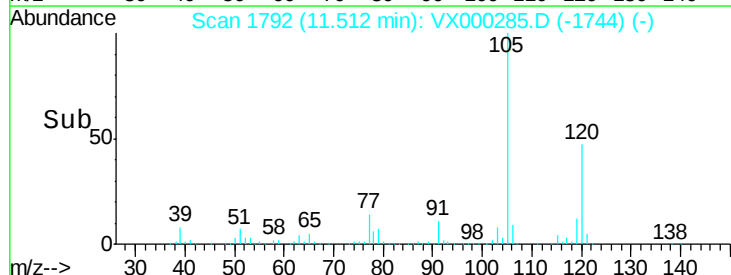
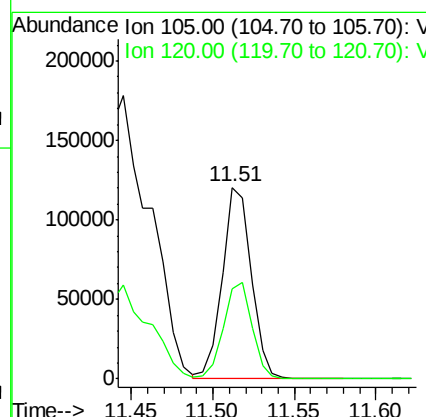
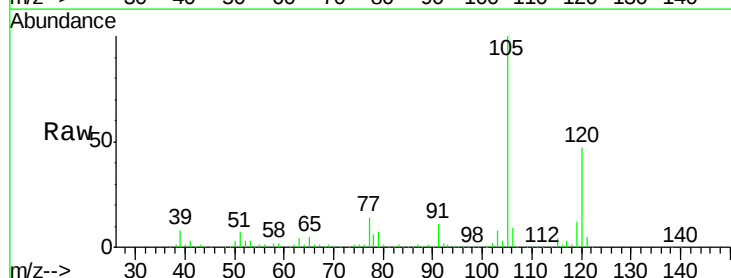
Instrument :
MSVOA_X
ClientSampled :
T-1MEDL

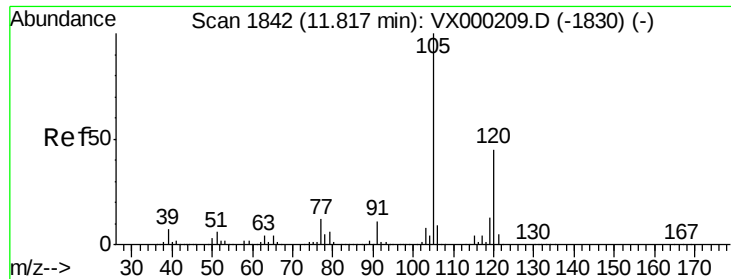
Tgt Ion: 91 Resp: 117300
Ion Ratio Lower Upper
91 100
120 23.2 12.2 36.4



#80
1,3,5-Trimethylbenzene
Concen: 16.12 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX000285.D
Acq: 12 Mar 2018 19:27

Tgt Ion: 105 Resp: 150158
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6

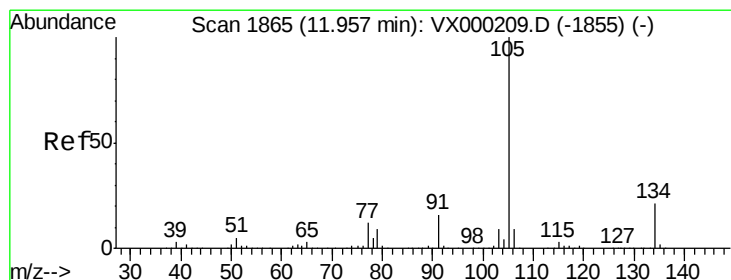
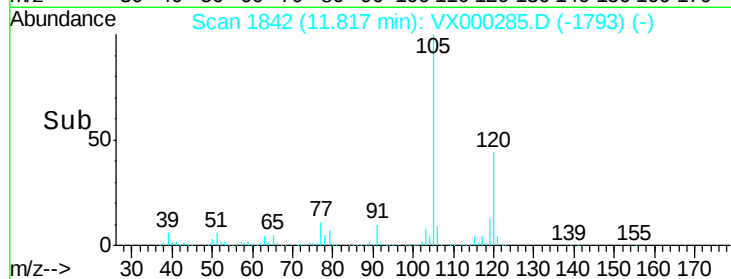
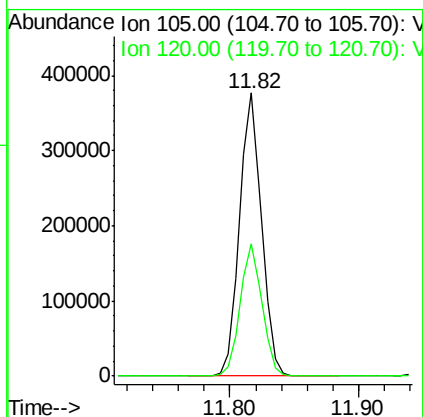
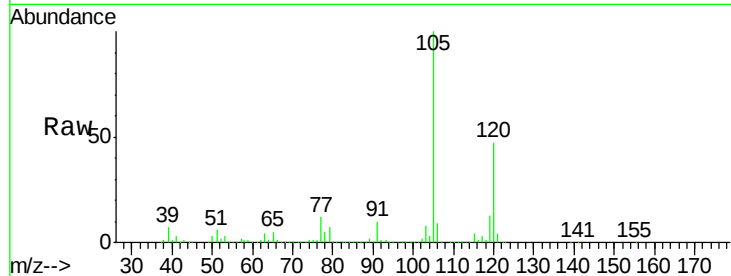




#84
 1,2,4-Trimethylbenzene
 Concen: 46.55 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000285.D
 Acq: 12 Mar 2018 19:27

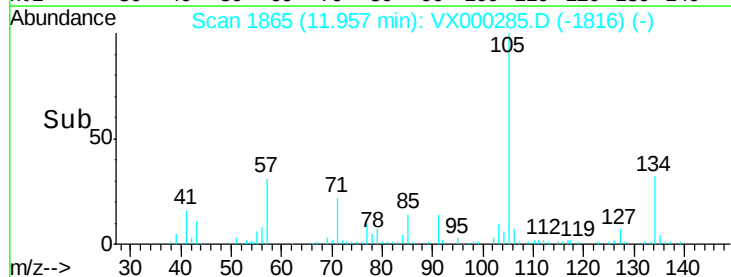
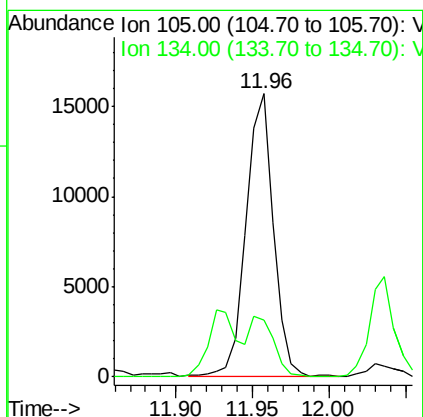
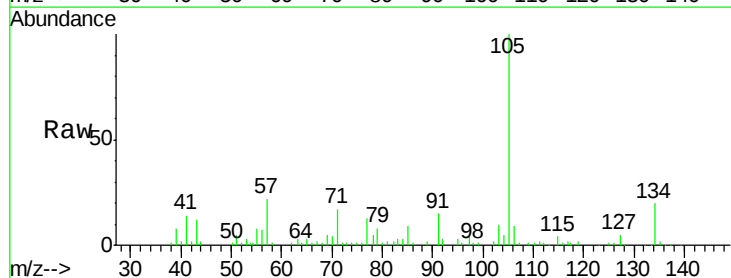
Instrument :
 MSVOA_X
 ClientSampled :
 T-1MEDL

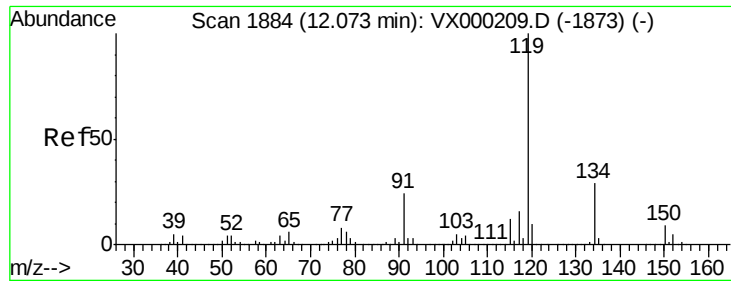
Tgt Ion:105 Resp: 445850
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 1.71 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000285.D
 Acq: 12 Mar 2018 19:27

Tgt Ion:105 Resp: 19562
 Ion Ratio Lower Upper
 105 100
 134 18.1 10.3 30.9

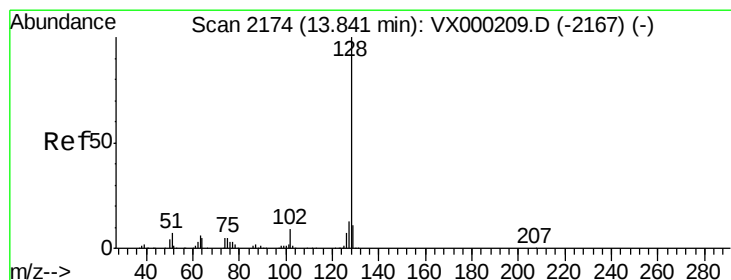
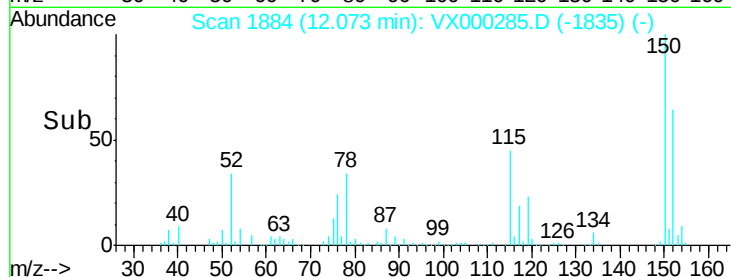
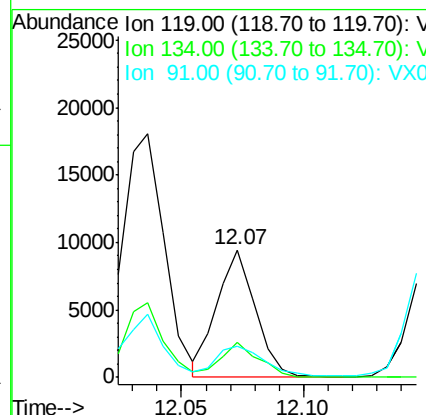
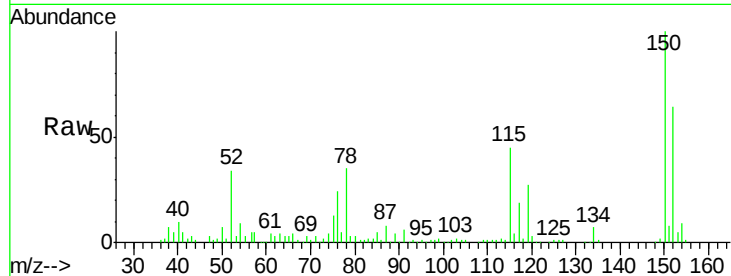




#86
p-Isopropyltoluene
Concen: 1.04 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX000285.D
Acq: 12 Mar 2018 19:27

Instrument :
MSVOA_X
ClientSampleId :
T-1MEDL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.8	41.3
91	28.3	12.0	36.0



#95
Naphthalene
Concen: 8.39 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000285.D
Acq: 12 Mar 2018 19:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	12.1	8.6	13.0

