

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010540.D
 Acq On : 28 Jun 2019 17:21
 Operator : JC/SP
 Sample : K3565-09DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0574DL

Manual Integrations
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 7/1/2019 11:36:03 AM

Quant Time: Jun 29 05:50:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	241038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	340616	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114328	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	5.50	113	111265	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
50) Toluene-d8	8.71	98	434753	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	151381	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	6532	2.001	ug/l	96
39) Methylcyclohexane	7.46	83	4707	1.219	ug/l	94
52) Toluene	8.79	92	1943	0.322	ug/l	98
67) Ethyl Benzene	10.25	91	186250	15.954	ug/l	99
68) m/p-Xylenes	10.36	106	131458	29.061	ug/l	98
69) o-Xylene	10.69	106	75051	16.871	ug/l	98
73) Isopropylbenzene	11.02	105	44014	3.843	ug/l	100
78) n-propylbenzene	11.36	91	60521	4.808	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	113769	12.049	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	434079	45.756	ug/l	98
85) sec-Butylbenzene	11.94	105	3586m	0.322	ug/l	
86) p-Isopropyltoluene	12.06	119	4142m	0.402	ug/l	
95) Naphthalene	13.83	128	85184	7.204	ug/l	100

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

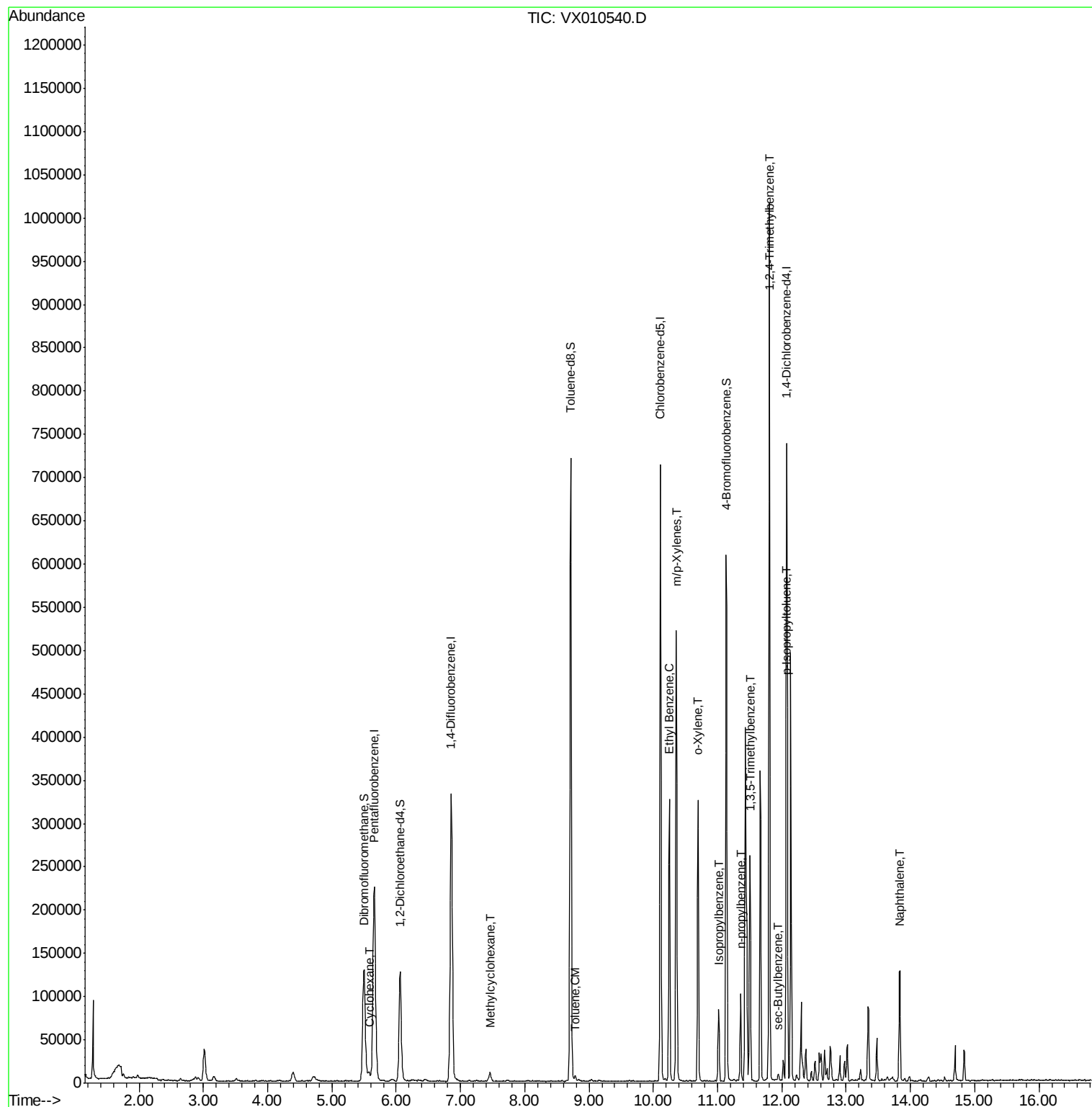
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
Data File : VX010540.D
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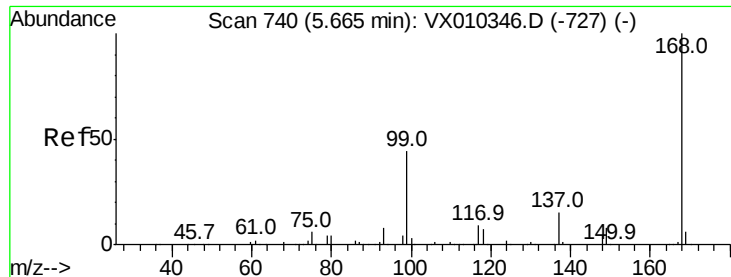
Instrument :
MSVOA_X
ClientSampleId :
FL-0574DL

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Quant Time: Jun 29 05:50:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010540.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0574DL

Tot Ion:168 Resp: 241038

Ion Ratio Lower Upper

168 100

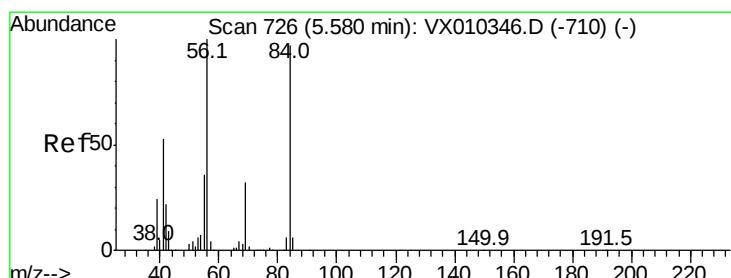
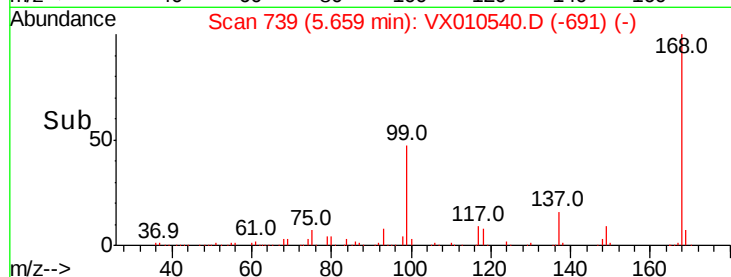
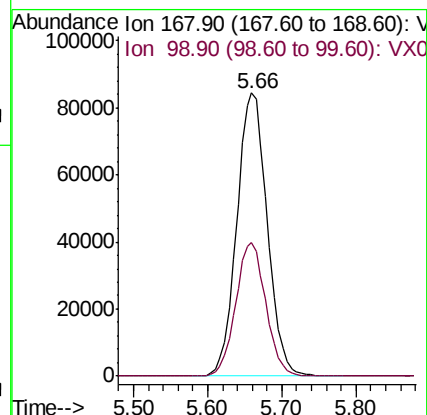
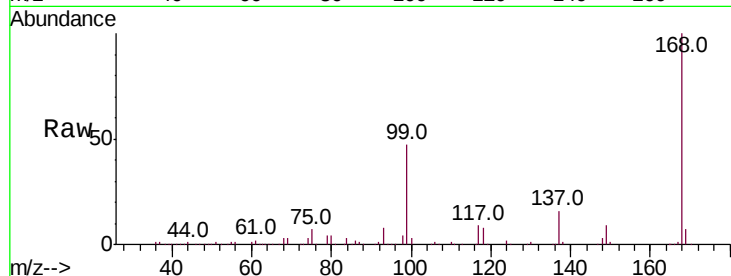
99 47.2 35.5 53.3

Manual Integrations

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#31

Cyclohexane

Concen: 2.001 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010540.D

Acq: 28 Jun 2019 17:21

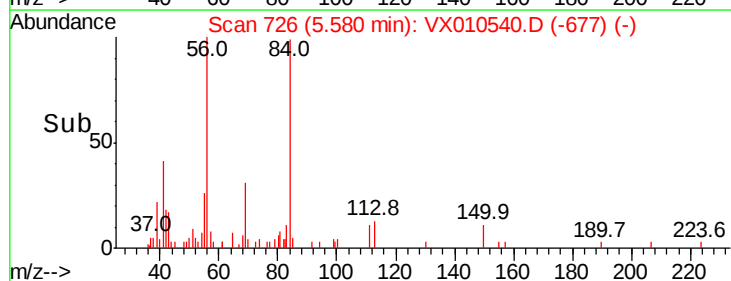
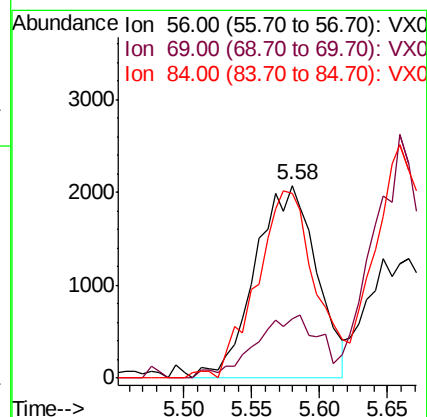
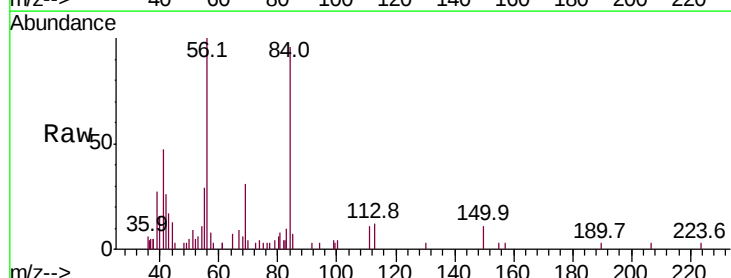
Tgt Ion: 56 Resp: 6532

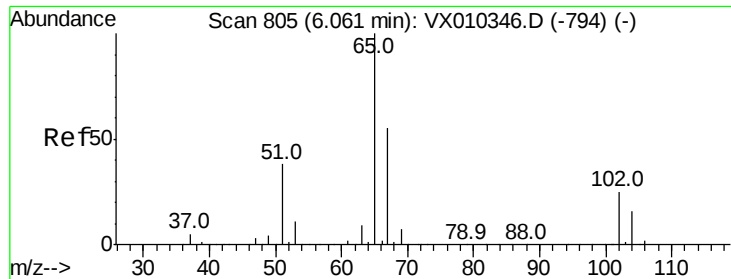
Ion Ratio Lower Upper

56 100

69 30.6 25.9 38.9

84 93.5 78.0 117.0





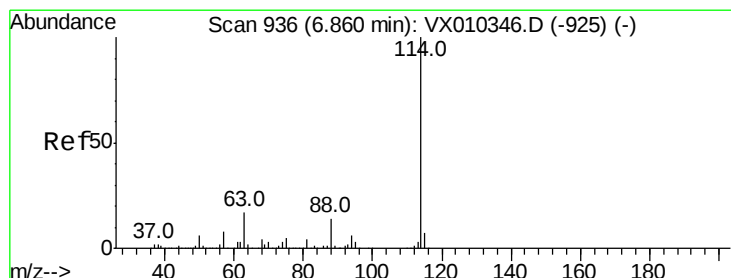
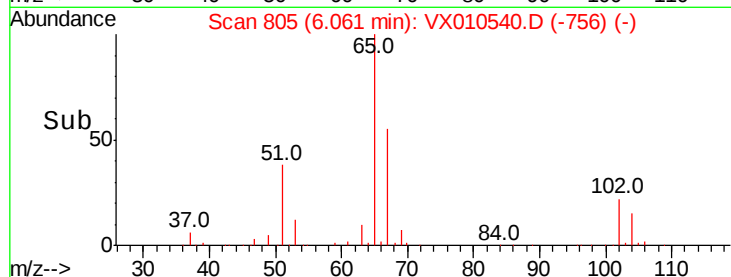
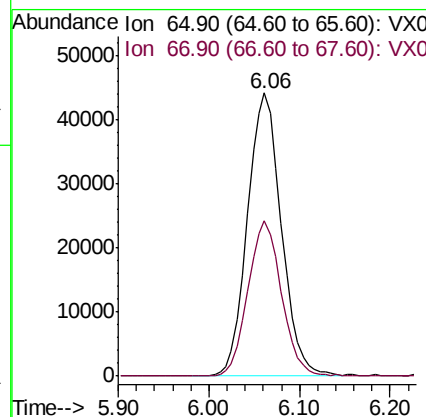
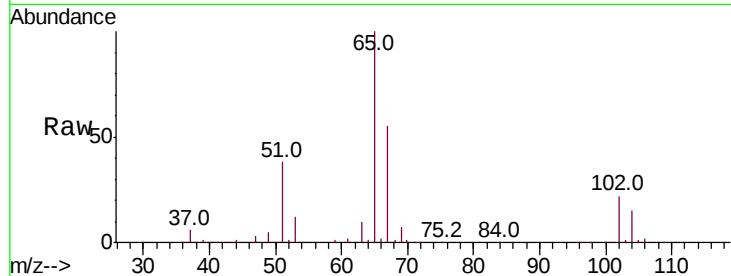
#33
 1,2-Dichloroethane-d4
 Concen: 50.588 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010540.D
 Acq: 28 Jun 2019 17:21

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0574DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	114328		
67	54.4	0.0	110.2	

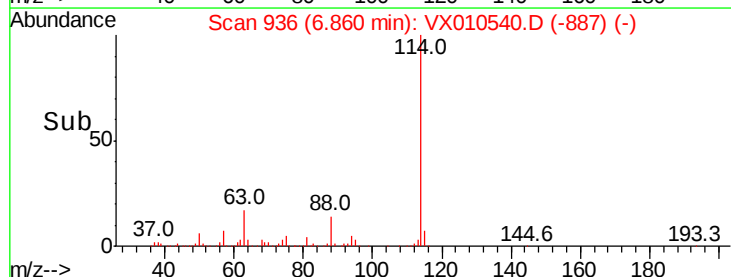
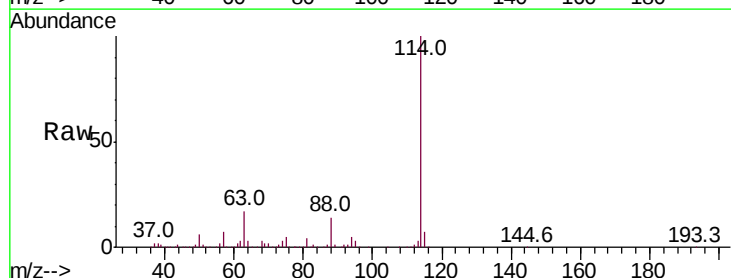
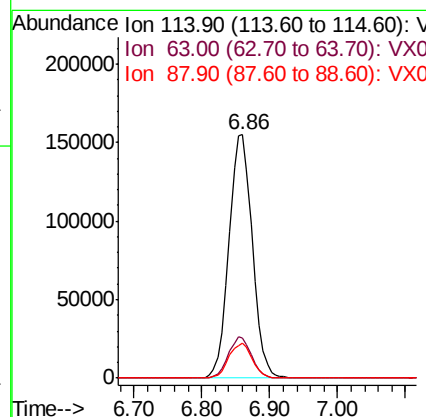
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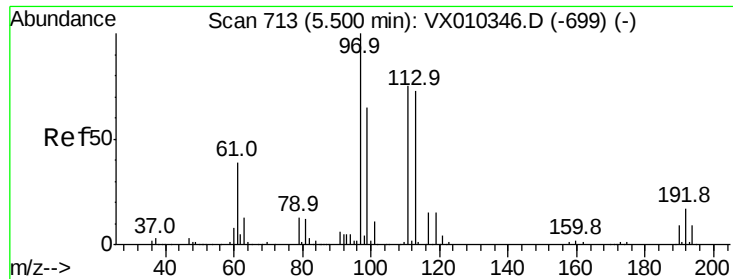
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010540.D
 Acq: 28 Jun 2019 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	369673		
63	16.6	0.0	33.8	
88	14.4	0.0	27.6	





#35

Dibromofluoromethane

Concen: 49.193 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010540.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_X

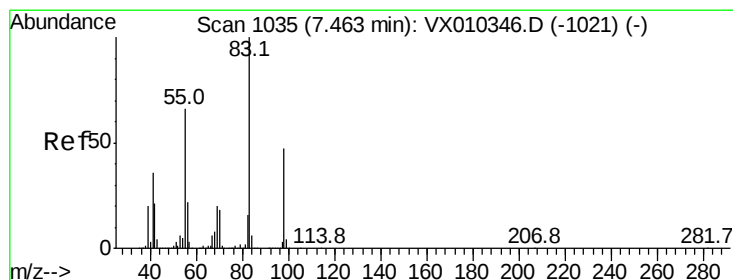
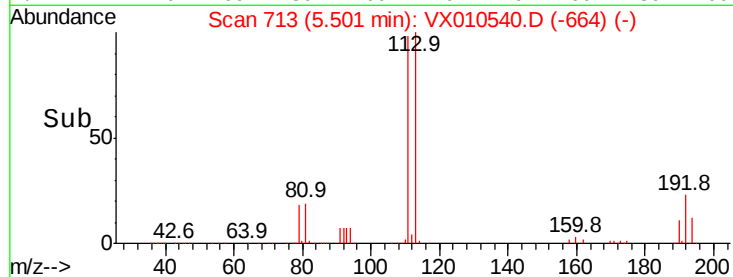
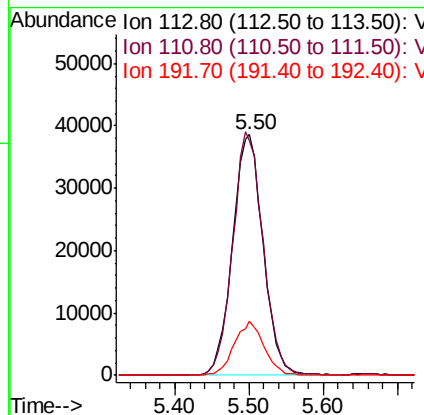
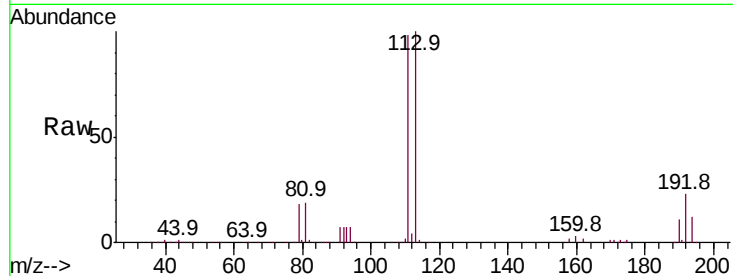
ClientSampled :

FL-0574DL

Tot Ion:	113	Resp:	111265
Ion Ratio	Lower	Upper	
113	100		
111	100.0	81.2	121.8
192	21.8	18.6	27.8

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#39

Methylcyclohexane

Concen: 1.219 ug/l

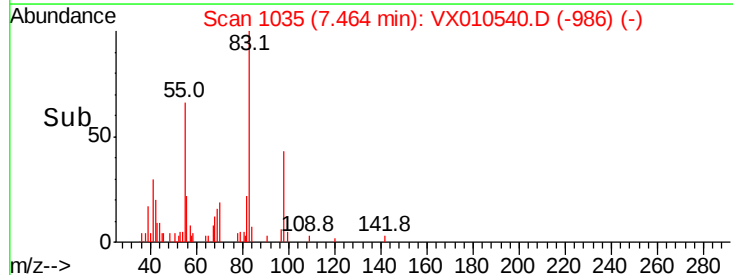
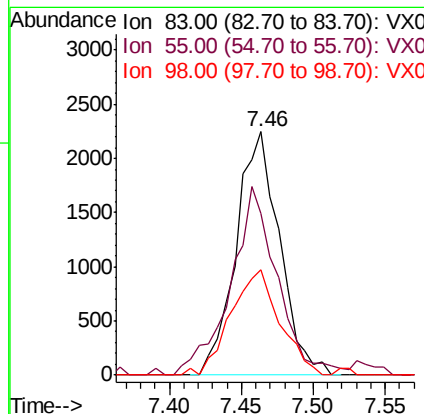
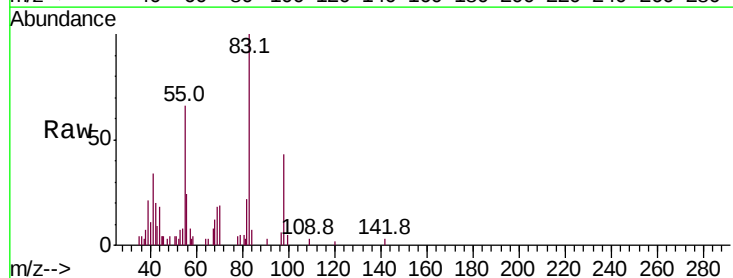
RT: 7.46 min Scan# 1035

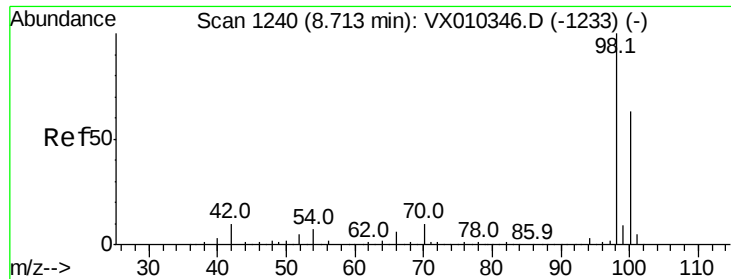
Delta R.T. 0.00 min

Lab File: VX010540.D

Acq: 28 Jun 2019 17:21

Tgt Ion:	83	Resp:	4707
Ion Ratio	Lower	Upper	
83	100		
55	63.8	53.0	79.6
98	40.5	37.8	56.8





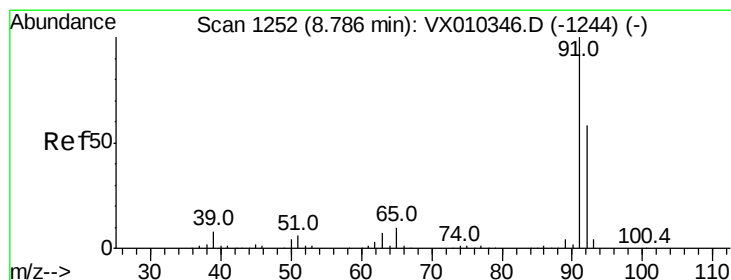
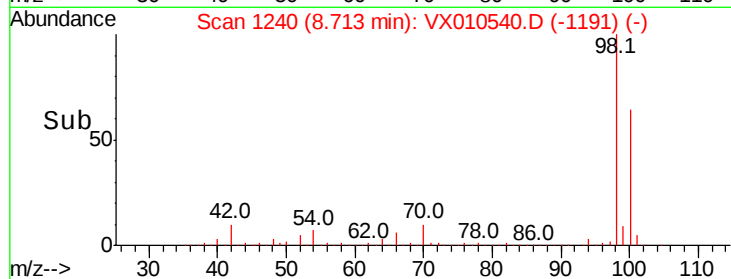
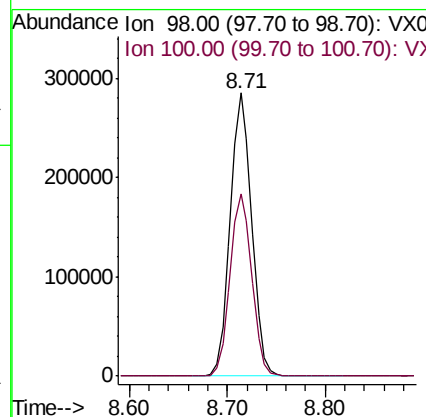
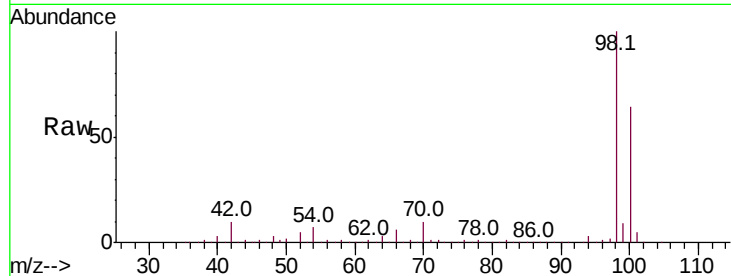
#50
Toluene-d8
Concen: 50.242 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010540.D
Acq: 28 Jun 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0574DL

Tot Ion: 98 Resp: 434753
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4

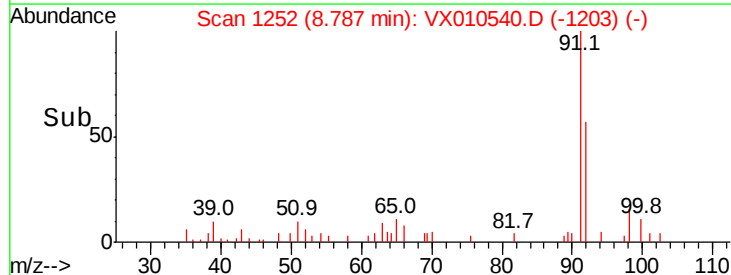
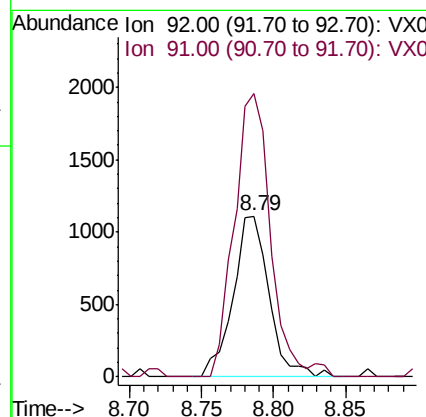
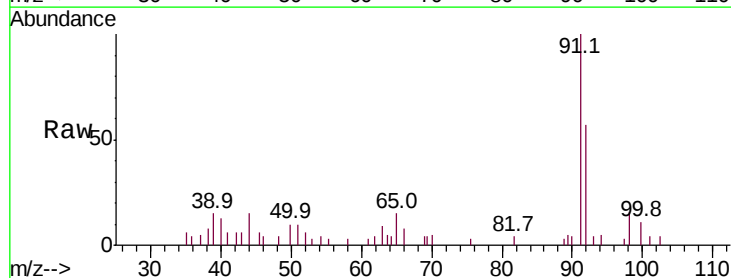
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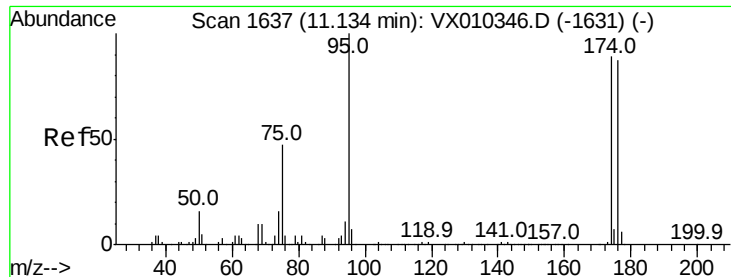
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#52
Toluene
Concen: 0.322 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010540.D
Acq: 28 Jun 2019 17:21

Tgt Ion: 92 Resp: 1943
Ion Ratio Lower Upper
92 100
91 177.5 139.8 209.6





#62

4-Bromofluorobenzene

Concen: 48.457 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010540.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_X

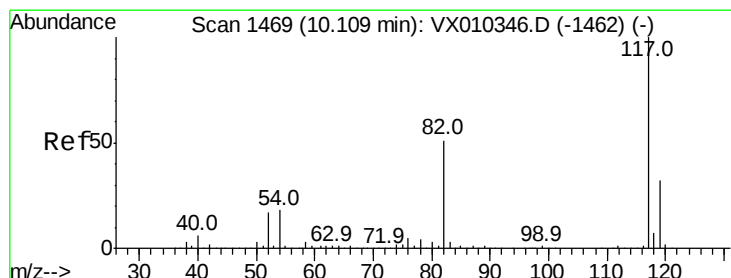
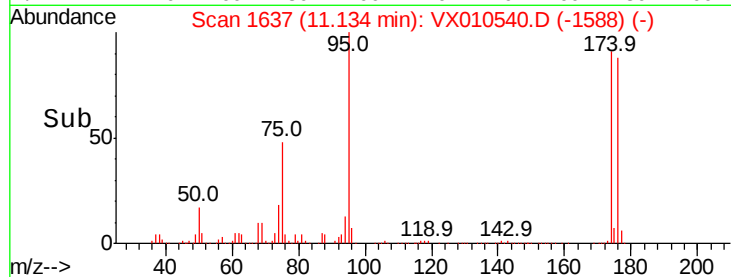
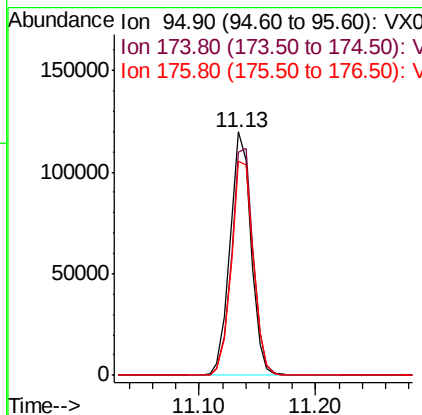
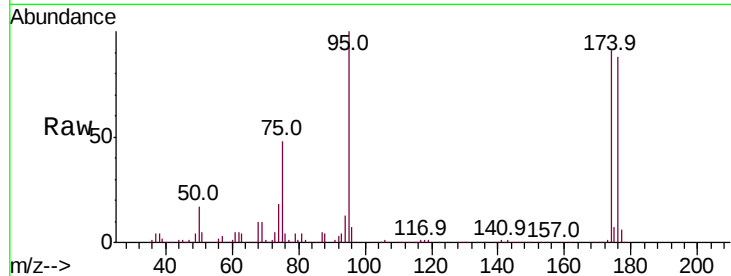
ClientSampleId :

FL-0574DL

Tot Ion:	95	Resp:	151381
Ion Ratio	Lower	Upper	
95	100		
174	95.8	0.0	187.6
176	91.3	0.0	184.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

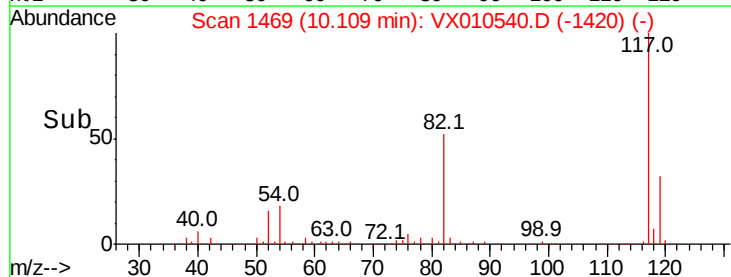
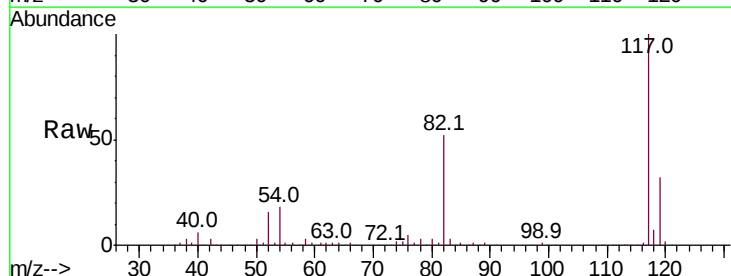
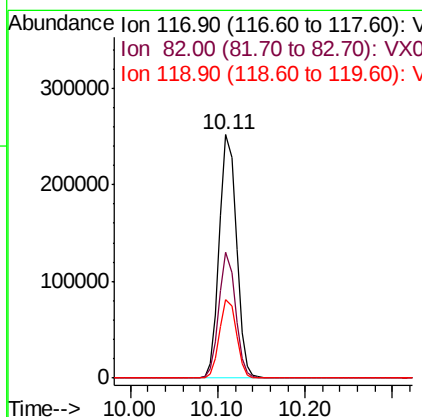
RT: 10.11 min Scan# 1469

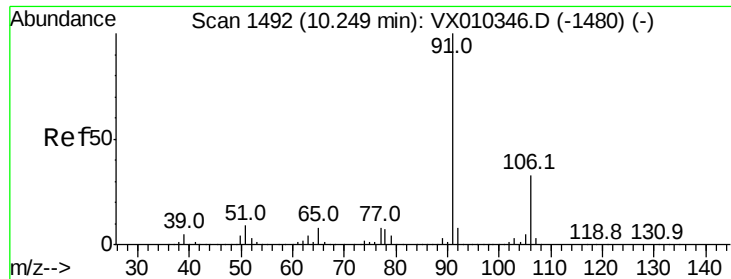
Delta R.T. 0.00 min

Lab File: VX010540.D

Acq: 28 Jun 2019 17:21

Tgt Ion:	117	Resp:	340616
Ion Ratio	Lower	Upper	
117	100		
82	51.5	41.2	61.8
119	32.0	25.5	38.3





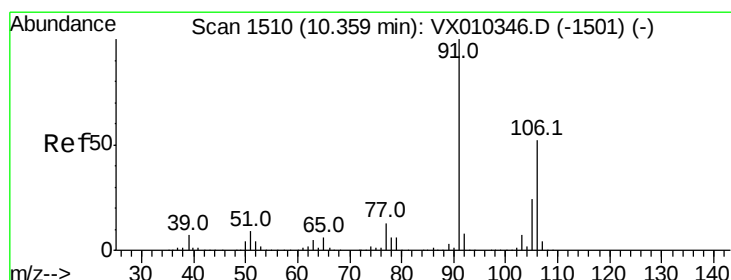
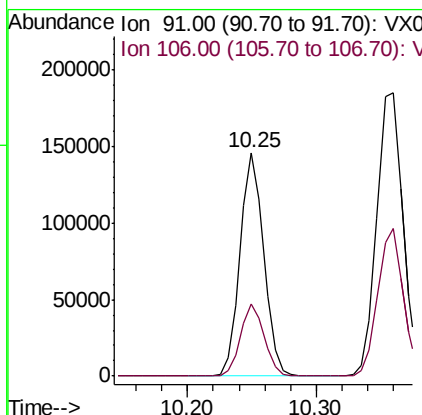
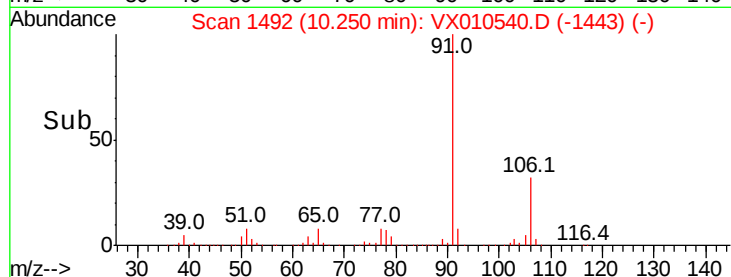
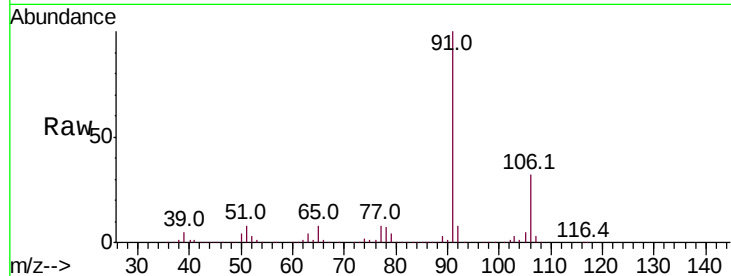
#67
Ethyl Benzene
Concen: 15.954 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010540.D
Acq: 28 Jun 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0574DL

Tot Ion: 91 Resp: 186250
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.2

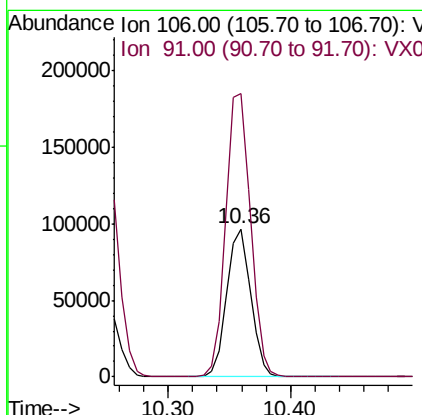
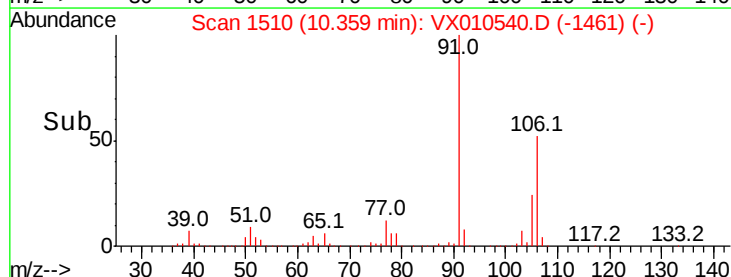
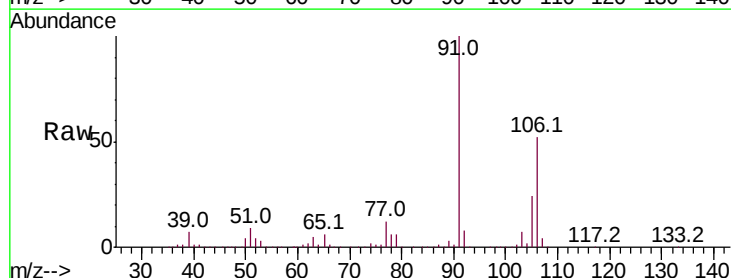
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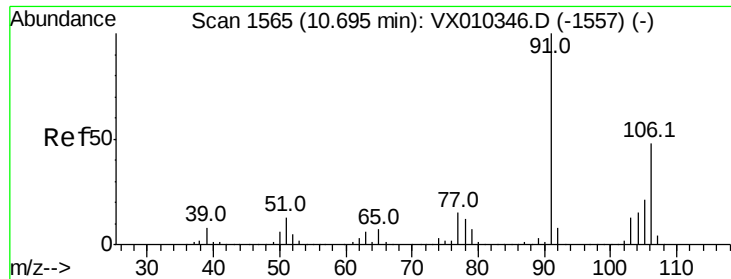
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#68
m/p-Xylenes
Concen: 29.061 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010540.D
Acq: 28 Jun 2019 17:21

Tgt Ion: 106 Resp: 131458
Ion Ratio Lower Upper
106 100
91 197.0 155.3 232.9





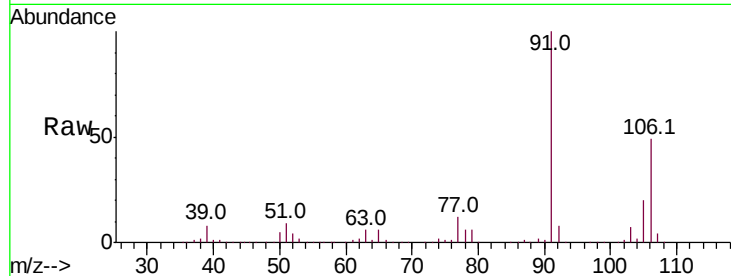
#69
o-Xylene
Concen: 16.871 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010540.D
Acq: 28 Jun 2019 17:21

Instrument :
MSVOA_X
ClientSampled :
FL-0574DL

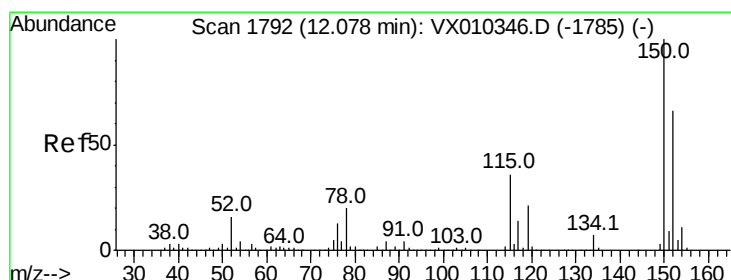
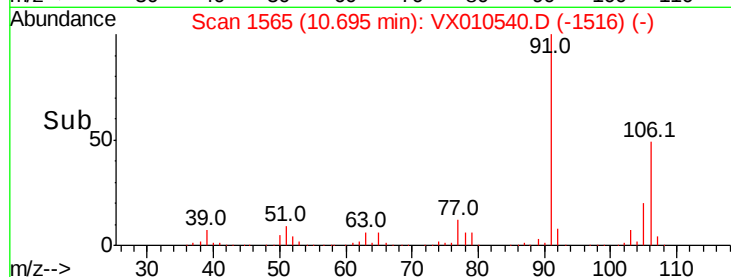
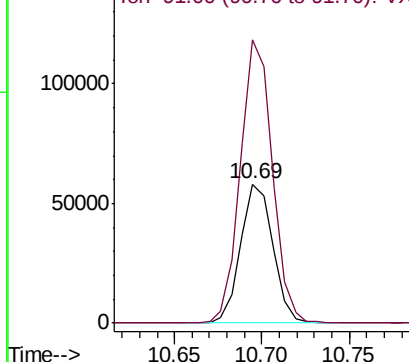
Tot Ion:106 Resp: 75051
Ion Ratio Lower Upper
106 100
91 201.7 102.7 308.1

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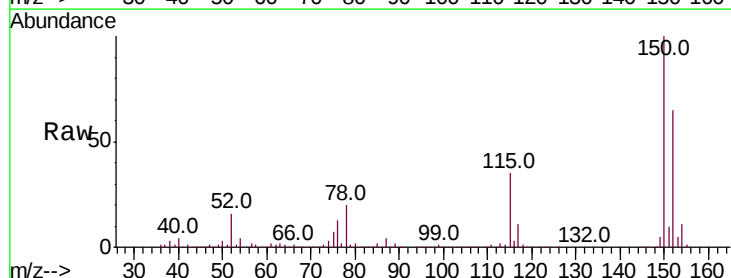


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

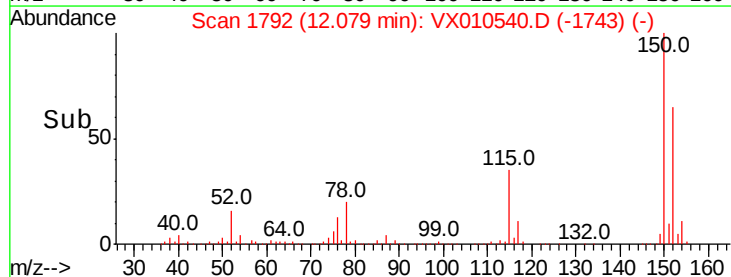
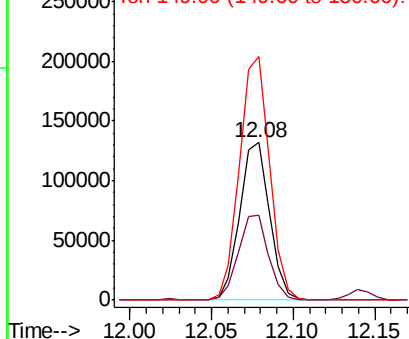


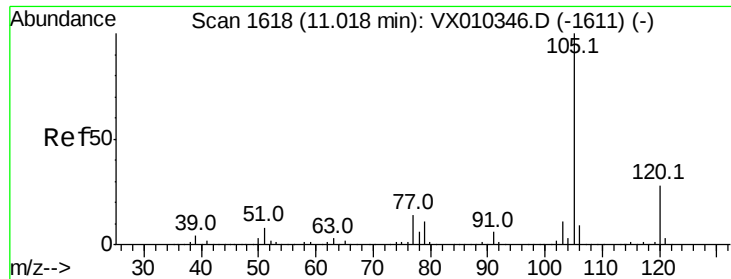
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010540.D
Acq: 28 Jun 2019 17:21

Tgt Ion:152 Resp: 168969
Ion Ratio Lower Upper
152 100
115 54.1 38.6 115.7
150 156.0 0.0 347.4



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: 3.843 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010540.D

Acq: 28 Jun 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

FL-0574DL

Tot Ion:105 Resp: 44014

Ion Ratio Lower Upper

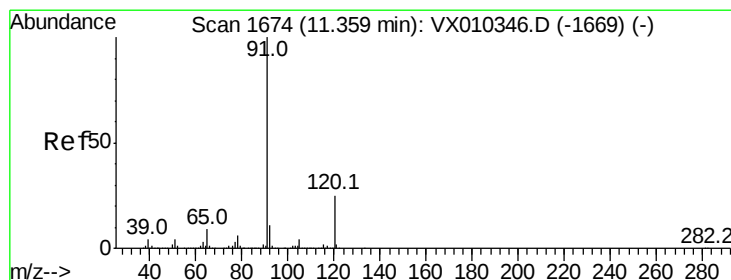
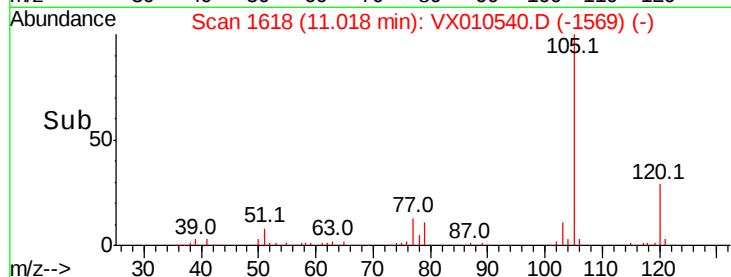
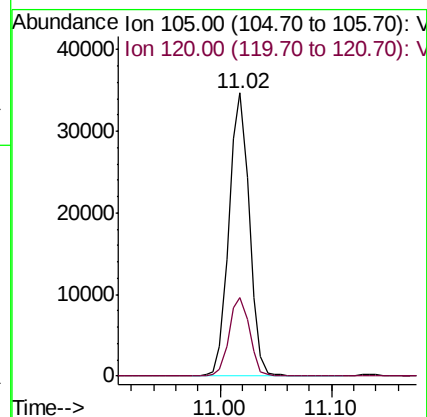
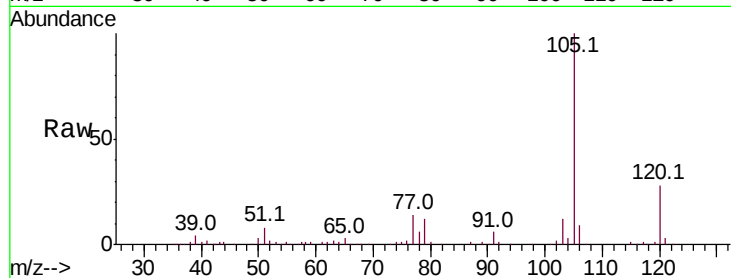
105 100

120 28.1 14.1 42.4

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#78

n-propylbenzene

Concen: 4.808 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010540.D

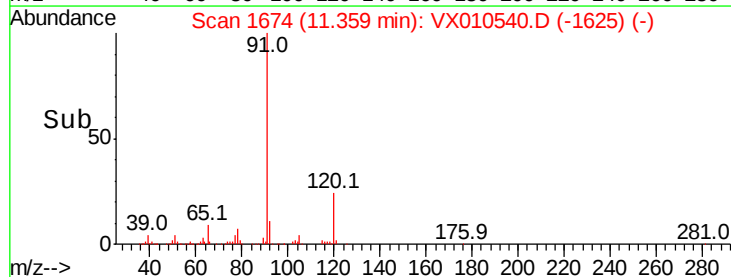
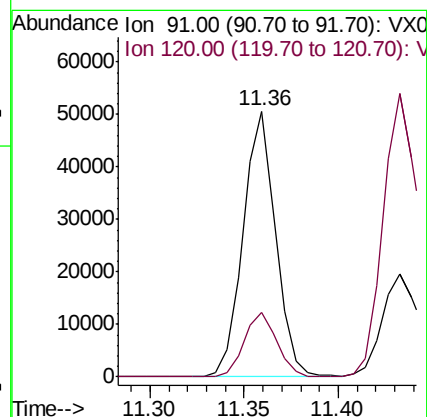
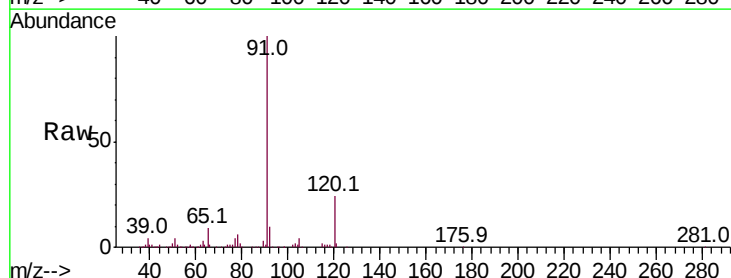
Acq: 28 Jun 2019 17:21

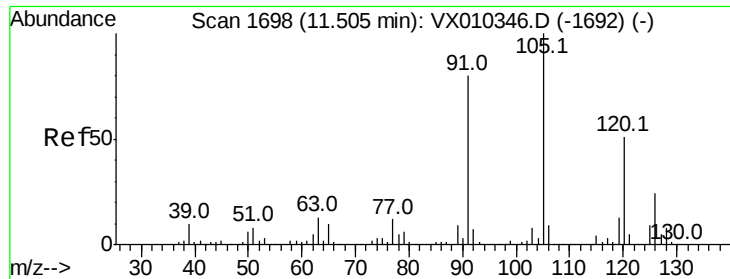
Tgt Ion: 91 Resp: 60521

Ion Ratio Lower Upper

91 100

120 24.5 12.4 37.4





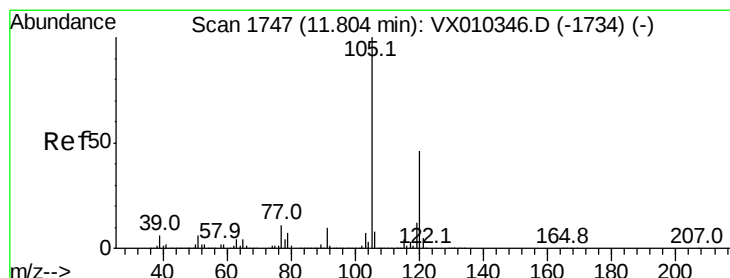
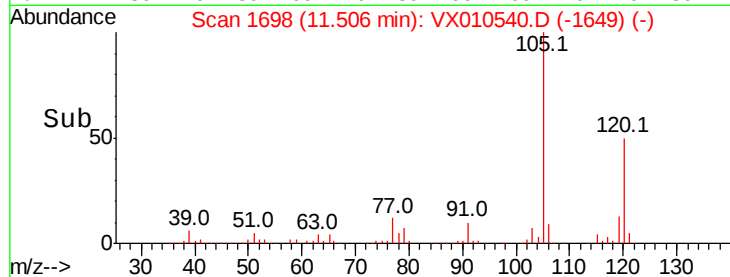
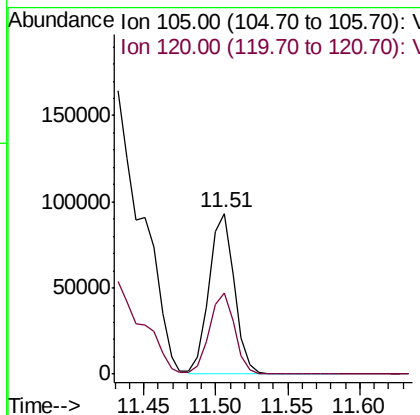
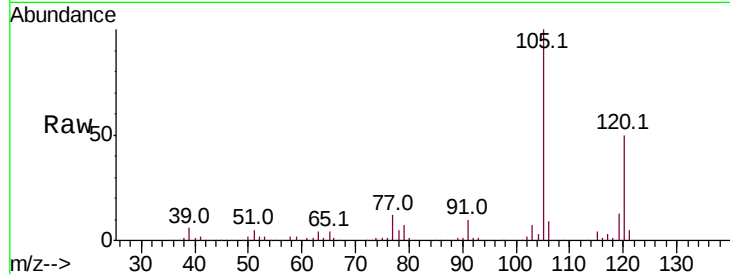
#80
 1,3,5-Trimethylbenzene
 Concen: 12.049 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010540.D
 Acq: 28 Jun 2019 17:21

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0574DL

Tot Ion:105 Resp: 113769
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.2 75.6

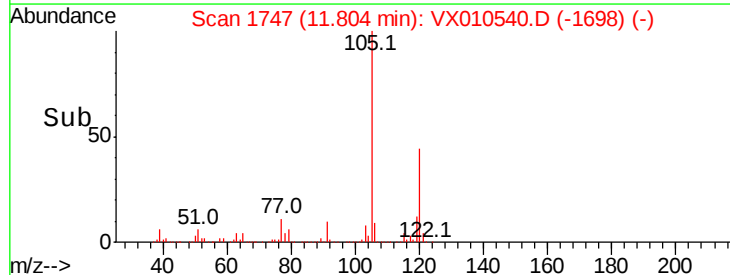
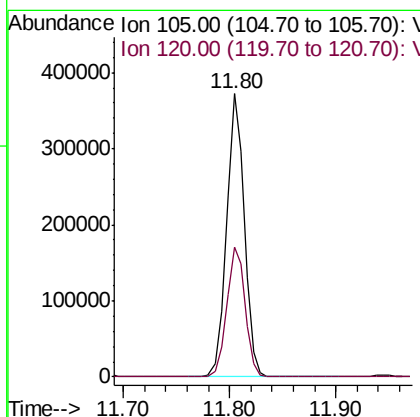
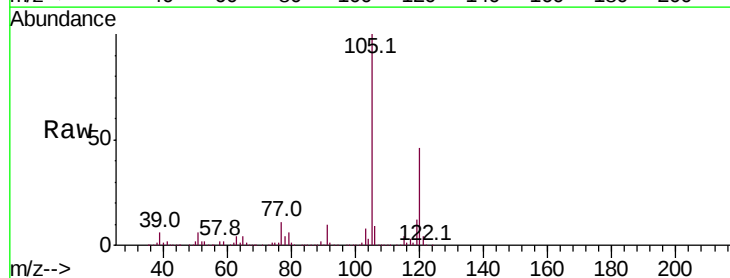
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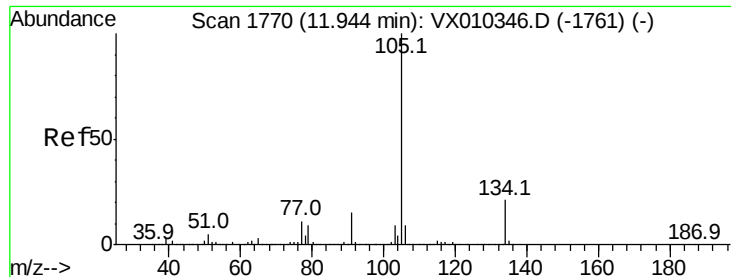
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.756 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010540.D
 Acq: 28 Jun 2019 17:21

Tgt Ion:105 Resp: 434079
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.1 69.2





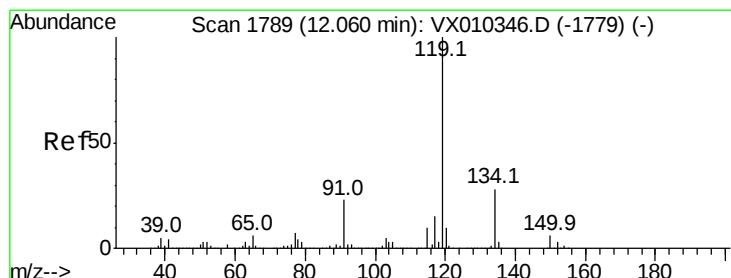
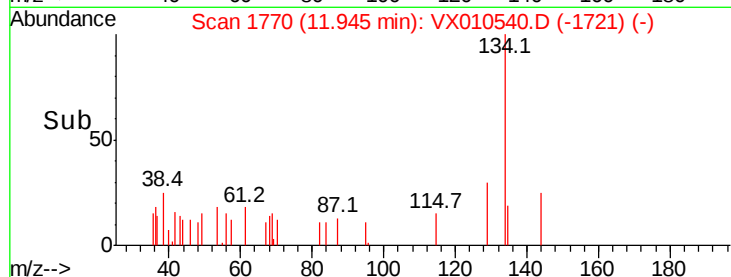
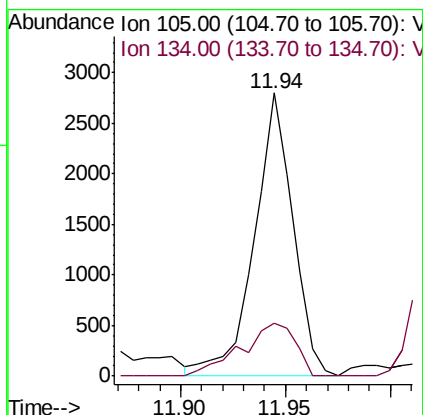
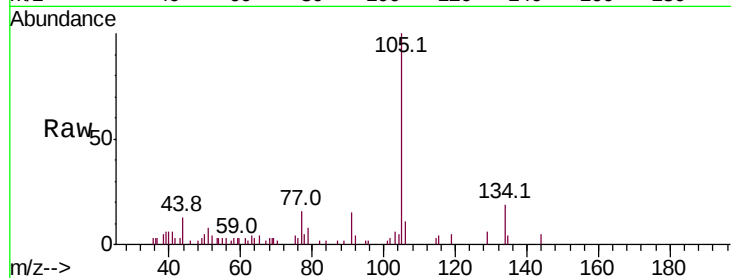
#85
 sec-Butylbenzene
 Concen: 0.322 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010540.D
 Acq: 28 Jun 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0574DL

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.7	31.9#

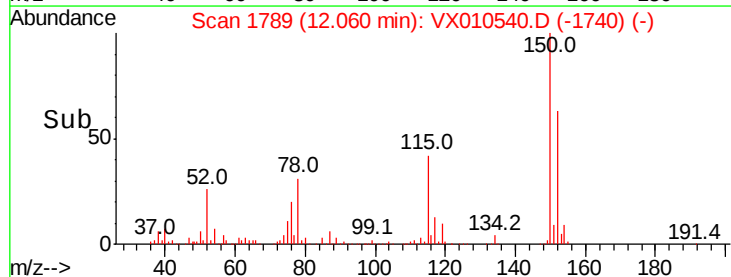
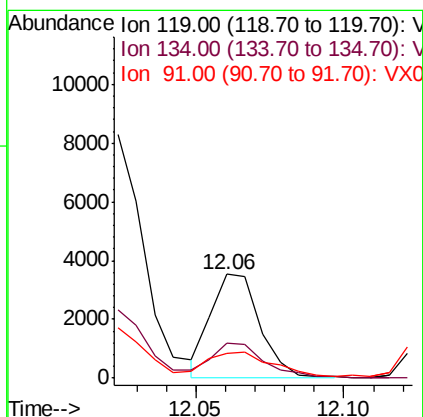
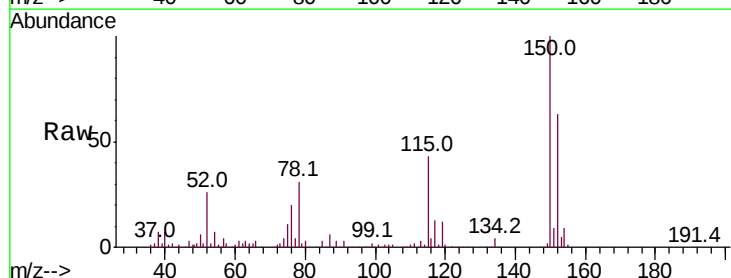
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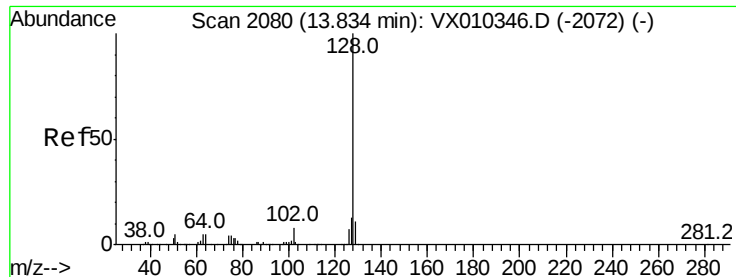
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#86
 p-Isopropyltoluene
 Concen: 0.402 ug/l m
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010540.D
 Acq: 28 Jun 2019 17:21

Tgt Ion	Ratio	Lower	Upper
119	100		
134	73.0	13.7	41.1#
91	55.0	11.3	33.8#





#95
Naphthalene
Concen: 7.204 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010540.D
Acq: 28 Jun 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
FL-0574DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
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