

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112119\
 Data File : VX013507.D
 Acq On : 21 Nov 2019 16:46
 Operator : JC/SP
 Sample : K5958-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FD-111919DL

Quant Time: Nov 22 04:23:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	716261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1154641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1044508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	498645	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	421800	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
35) Dibromofluoromethane	5.49	113	345685	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
50) Toluene-d8	8.71	98	1389810	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	484937	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	

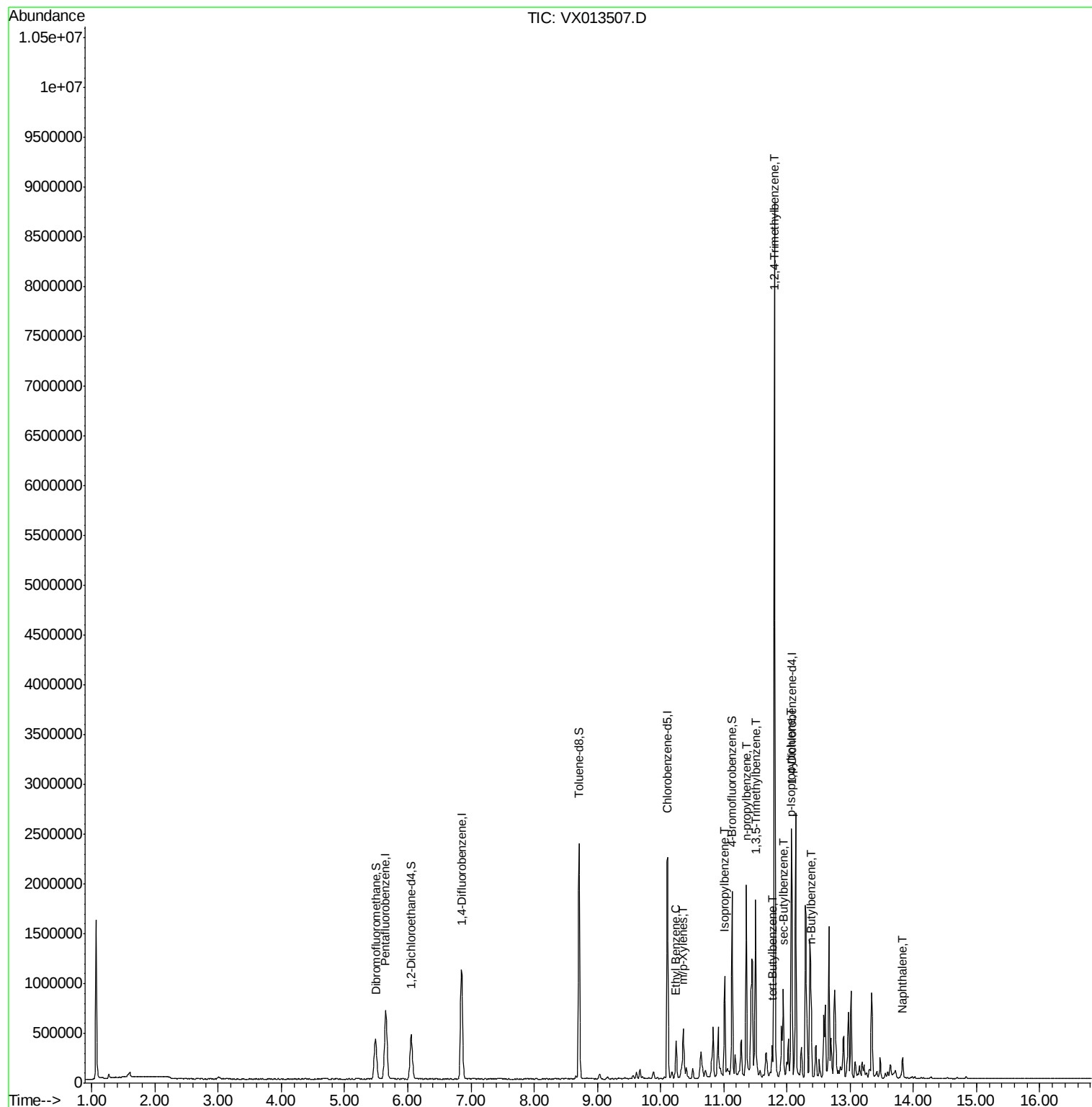
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
67) Ethyl Benzene	10.25	91	214863	5.887	ug/l	98
68) m/p-Xylenes	10.36	106	93600	6.781	ug/l	98
73) Isopropylbenzene	11.01	105	517671	15.658	ug/l	99
78) n-propylbenzene	11.35	91	1154016	31.335	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	734024	26.655	ug/l	99
83) tert-Butylbenzene	11.76	119	73077	2.636	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	3814994	138.101	ug/l	96
85) sec-Butylbenzene	11.94	105	442385	13.885	ug/l	99
86) p-Isopropyltoluene	12.06	119	211586	7.212	ug/l	99
89) n-Butylbenzene	12.39	91	320006	12.501	ug/l #	61
95) Naphthalene	13.83	128	137324	3.996	ug/l	97

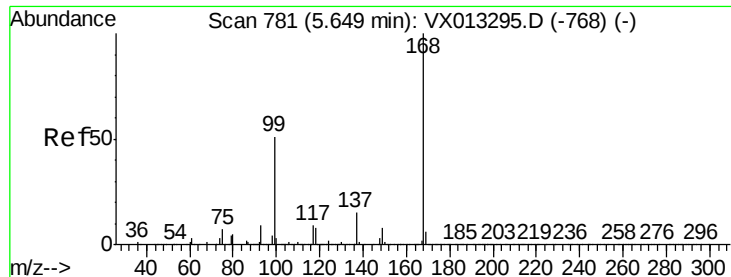
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112119\
Data File : VX013507.D
Acq On : 21 Nov 2019 16:46
Operator : JC/SP
Sample : K5958-08DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FD-111919DL

Quant Time: Nov 22 04:23:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration



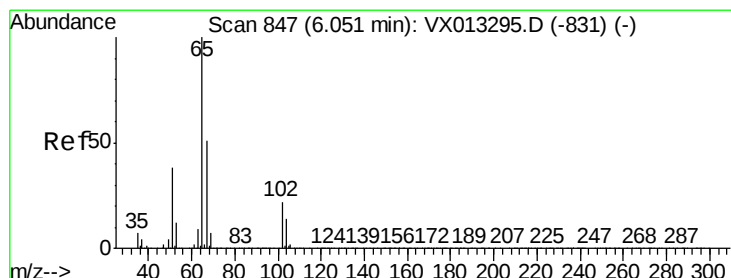
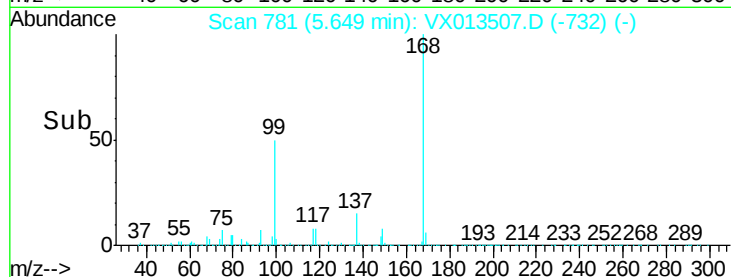
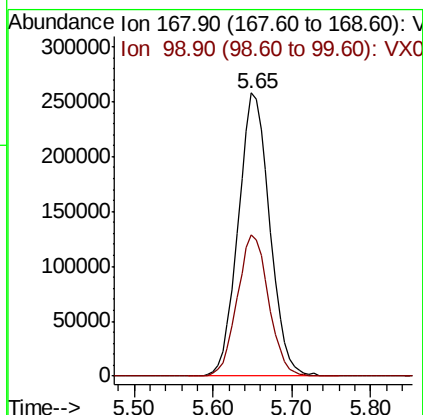
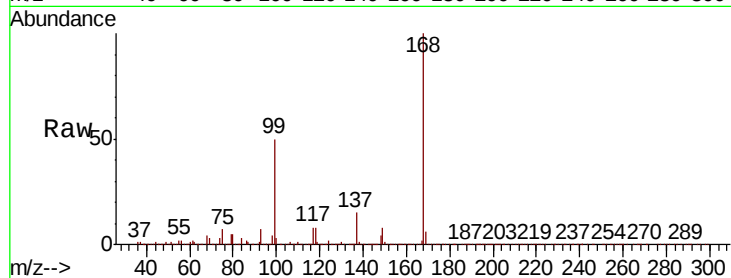


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

Instrument :
 MSVOA_X
 ClientSampleID :
 FD-111919DL

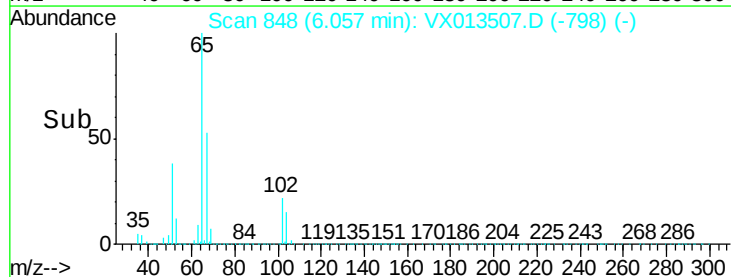
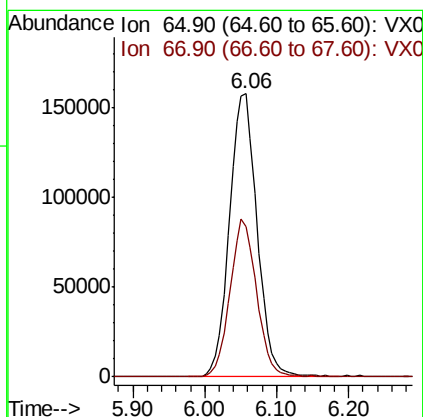
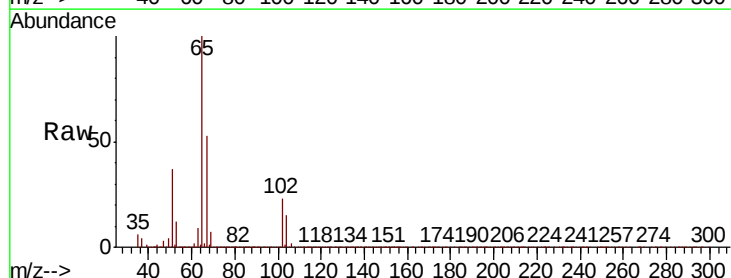
Tot Ion:168 Resp: 716261
 Ion Ratio Lower Upper
 168 100
 99 49.8 40.8 61.2

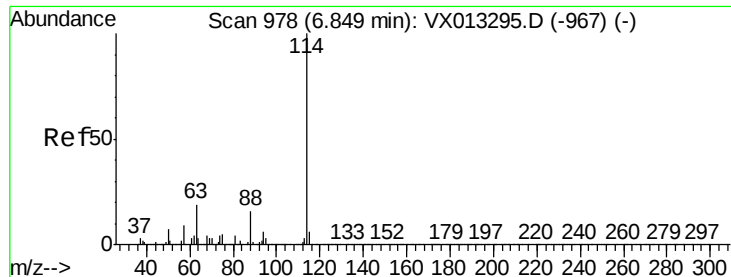


#33

1,2-Dichloroethane-d4
 Concen: 49.708 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

Tgt Ion: 65 Resp: 421800
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

FD-111919DL

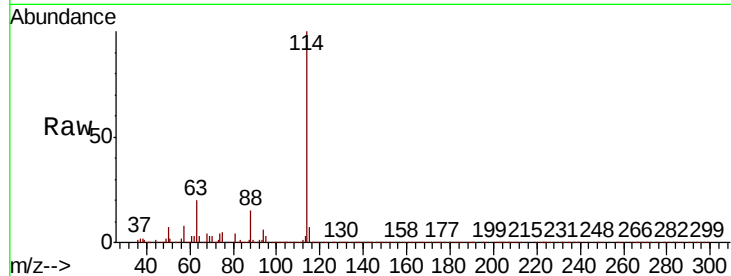
Tot Ion:114 Resp: 1154641

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

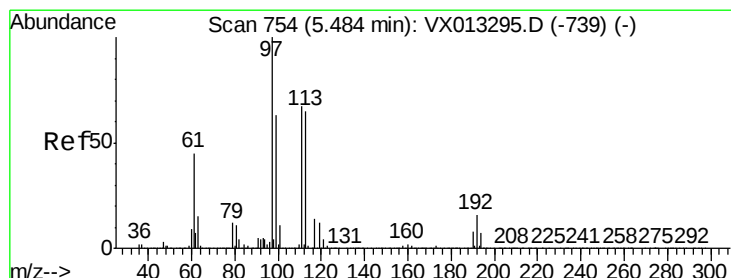
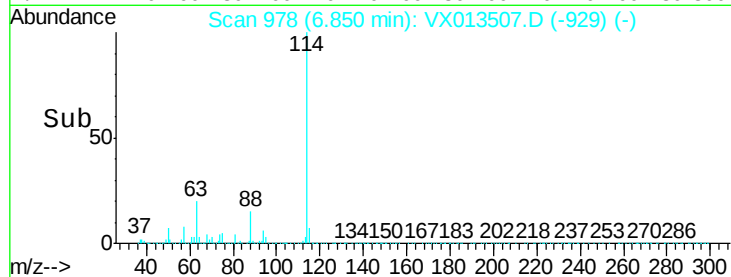
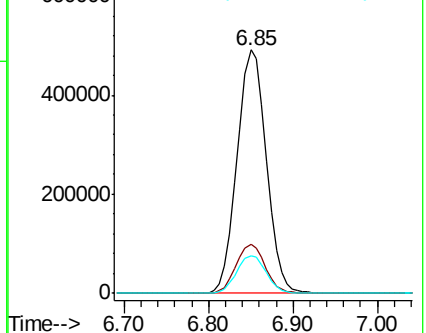
88 15.2 0.0 32.2



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: 47.733 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

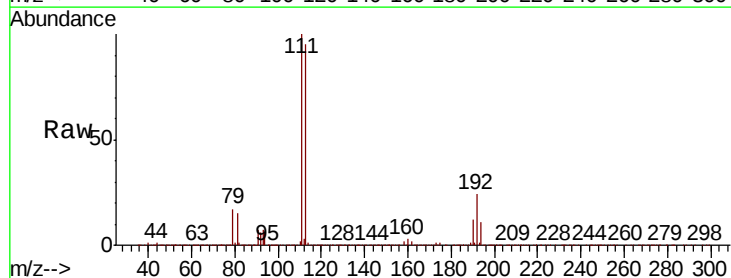
Tgt Ion:113 Resp: 345685

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

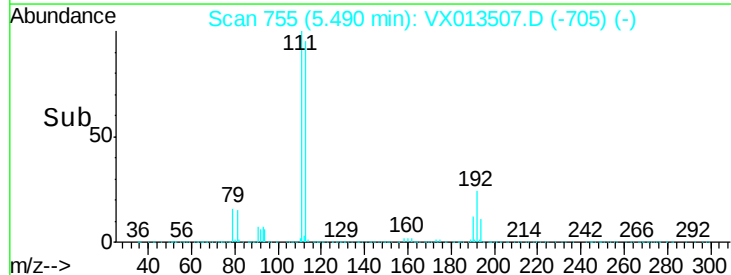
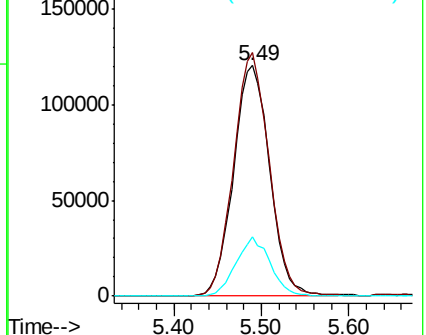
192 24.1 19.1 28.7

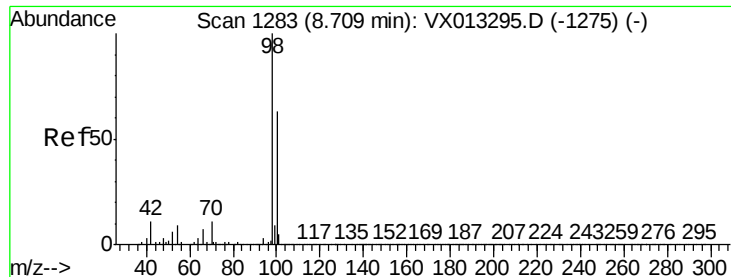


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.905 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampled :

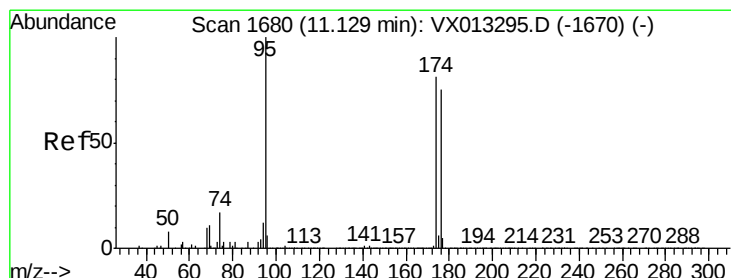
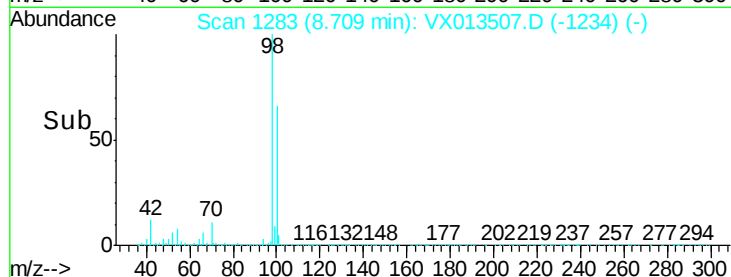
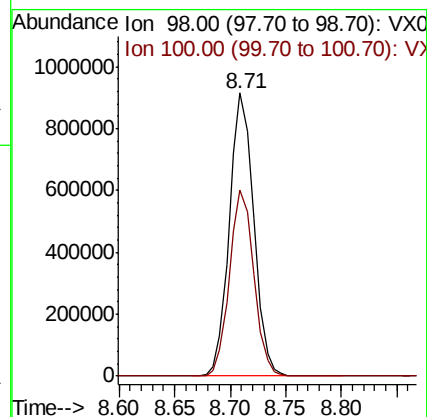
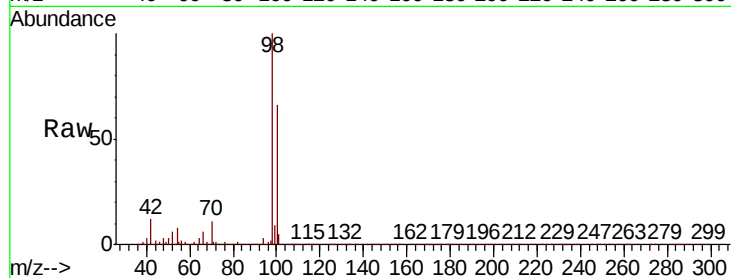
FD-111919DL

Tot Ion: 98 Resp: 1389810

Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.215 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

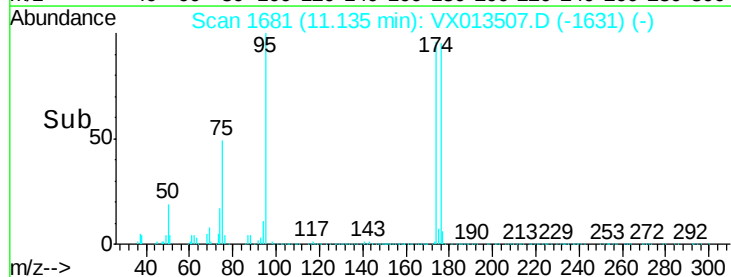
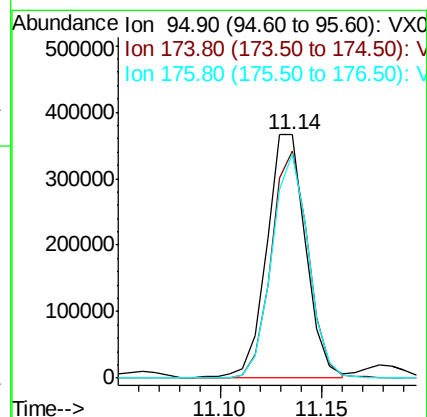
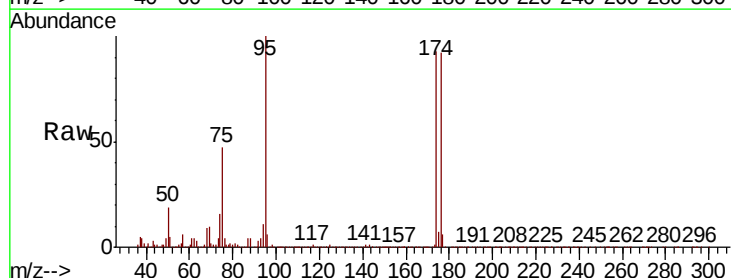
Tgt Ion: 95 Resp: 484937

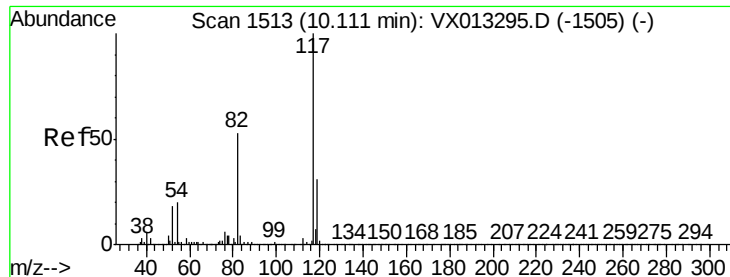
Ion Ratio Lower Upper

95 100

174 89.2 0.0 179.8

176 87.3 0.0 173.0

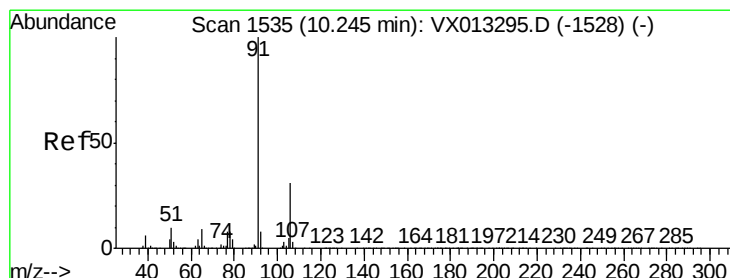
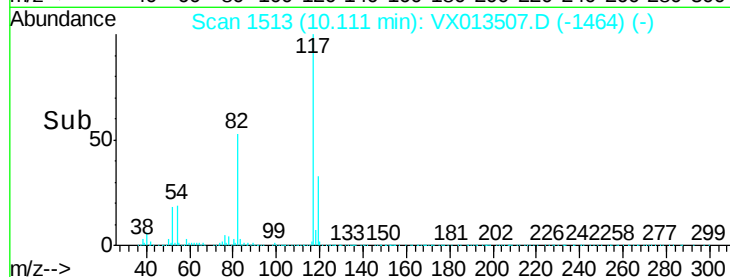
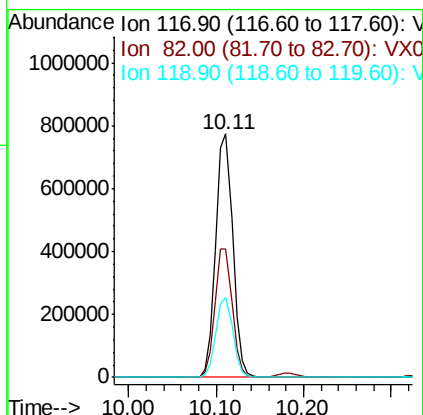
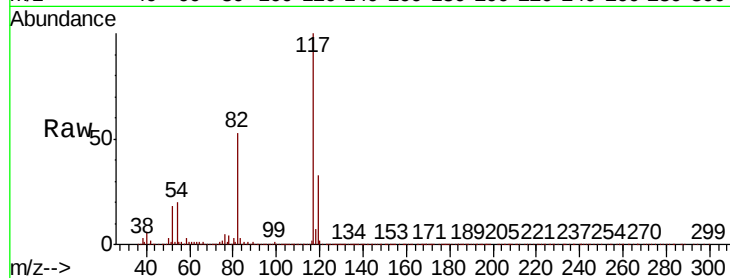




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

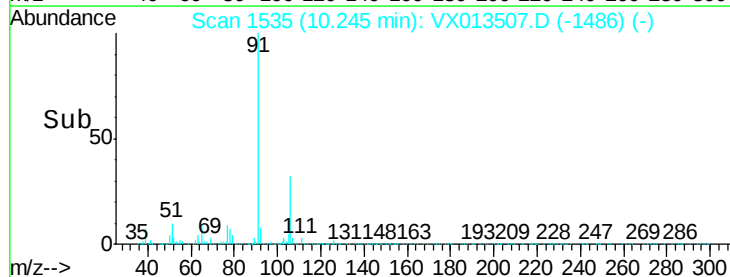
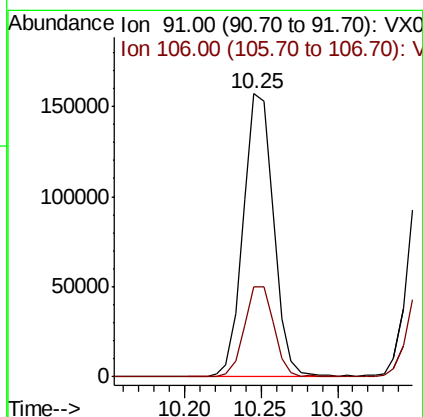
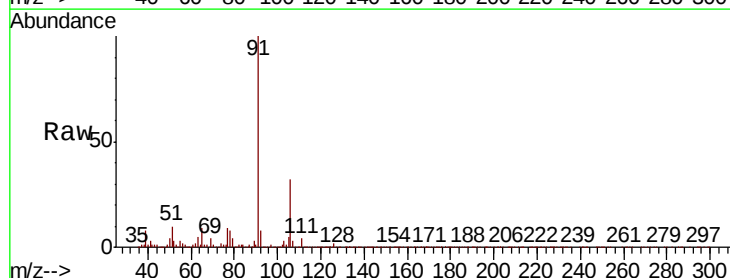
Instrument :
MSVOA_X
ClientSampleId :
FD-111919DL

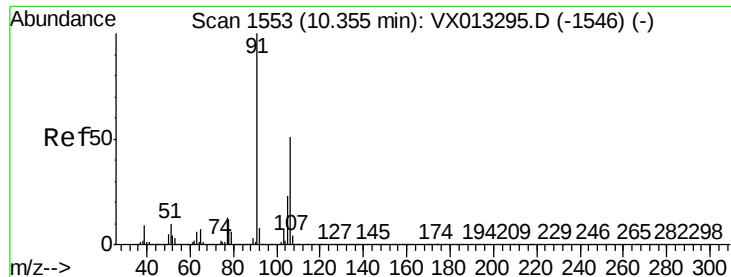
Tot Ion:117 Resp: 1044508
Ion Ratio Lower Upper
117 100
82 52.7 42.6 64.0
119 33.0 24.8 37.2



#67
Ethyl Benzene
Concen: 5.887 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion: 91 Resp: 214863
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8





#68

m/p-Xvlenes

Concen: 6.781 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

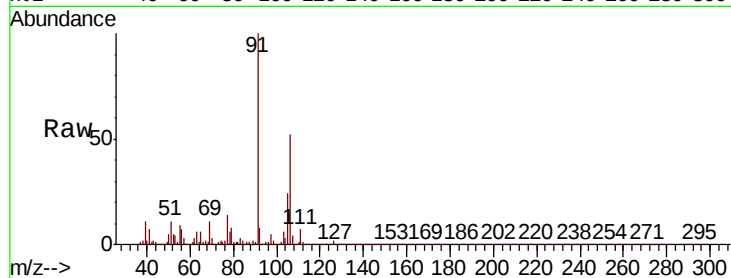
FD-111919DL

Tot Ion:106 Resp: 93600

Ion Ratio Lower Upper

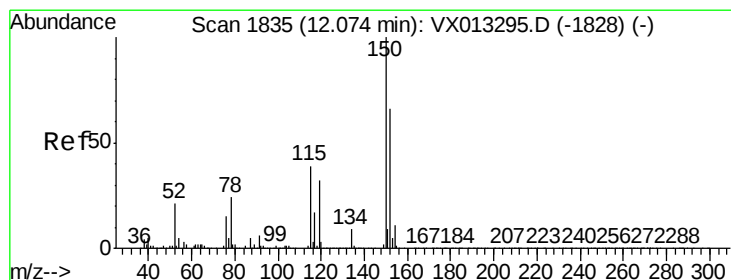
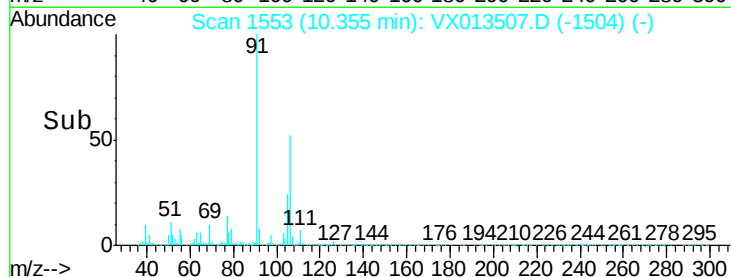
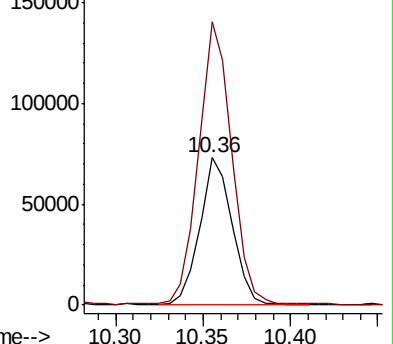
106 100

91 196.4 159.3 238.9



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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

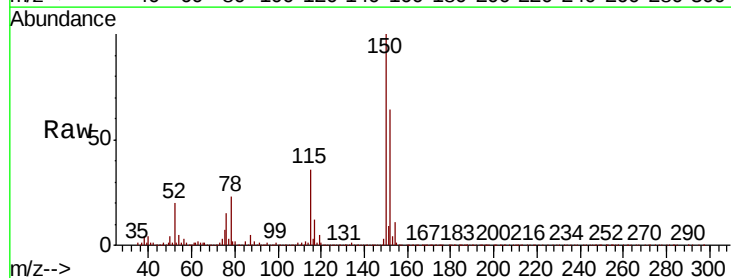
Tgt Ion:152 Resp: 498645

Ion Ratio Lower Upper

152 100

115 58.7 39.5 118.3

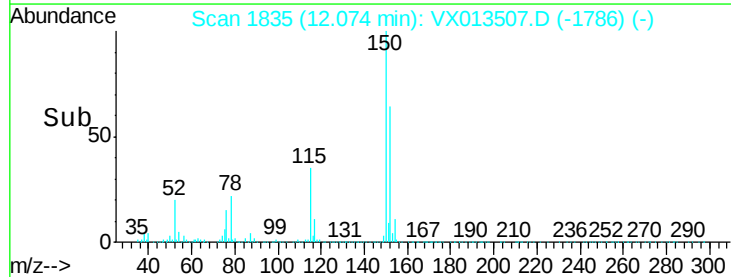
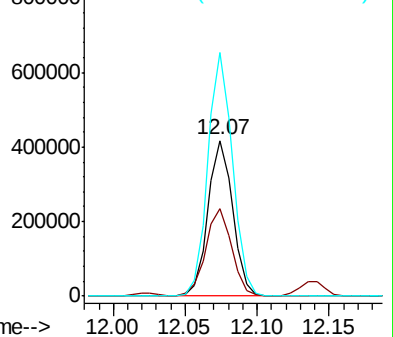
150 156.1 0.0 344.4

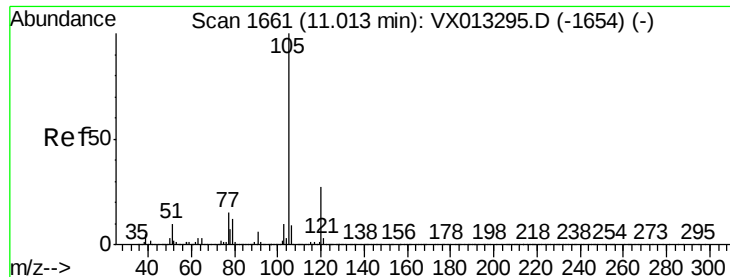


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 15.658 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleID :

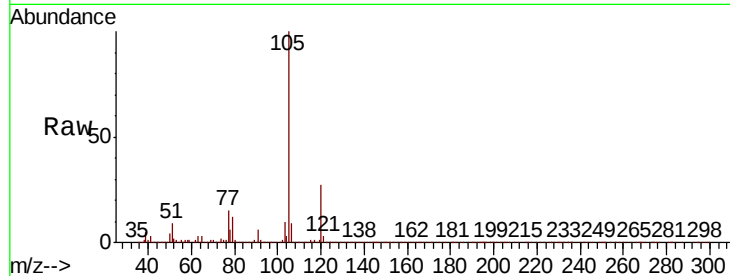
FD-111919DL

Tot Ion:105 Resp: 517671

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

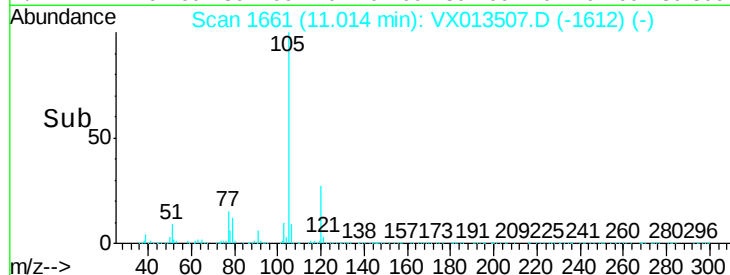
300000

200000

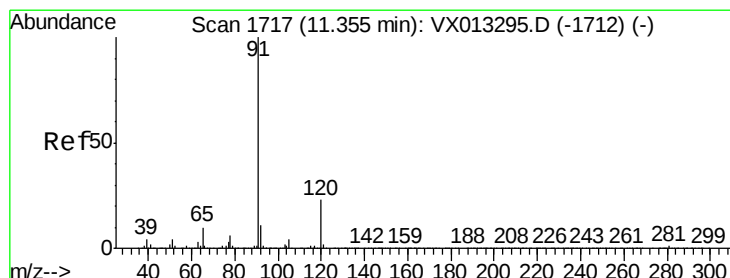
100000

0

Time-->



Time-->



#78

n-propylbenzene

Concen: 31.335 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013507.D

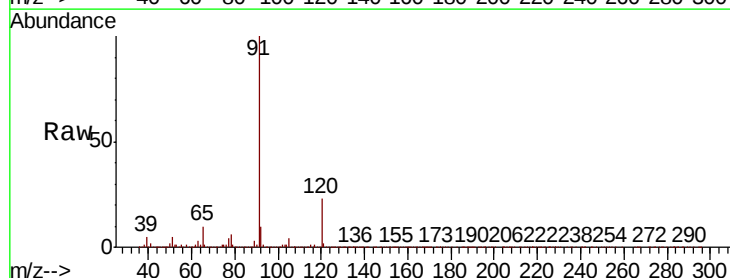
Acq: 21 Nov 2019 16:46

Tgt Ion: 91 Resp: 1154016

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

1000000

800000

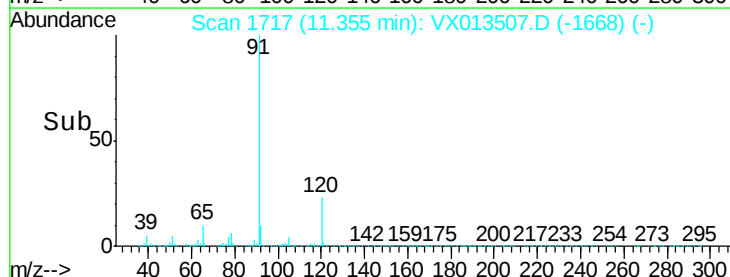
600000

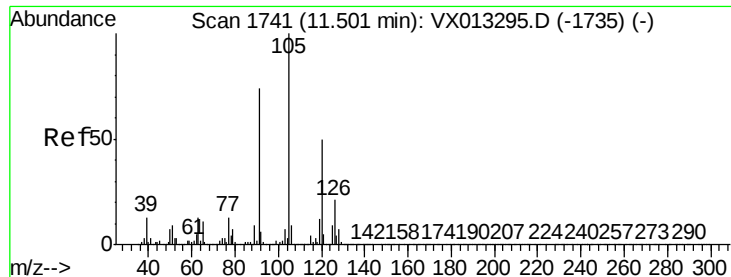
400000

200000

0

Time-->

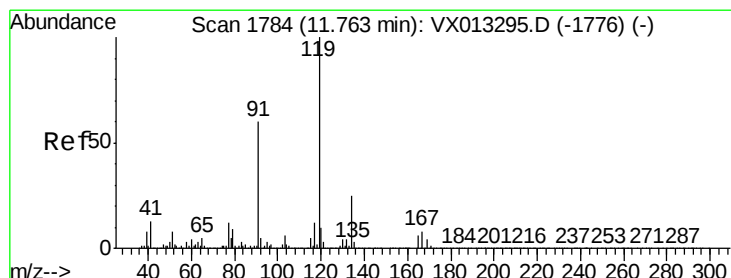
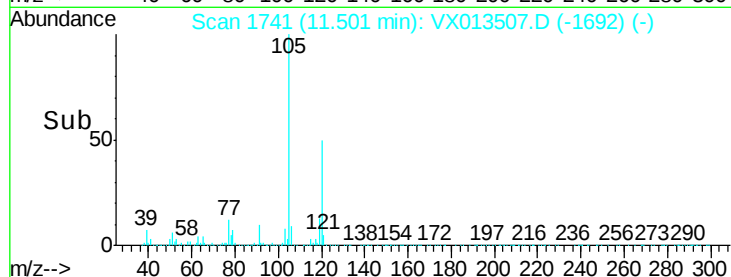
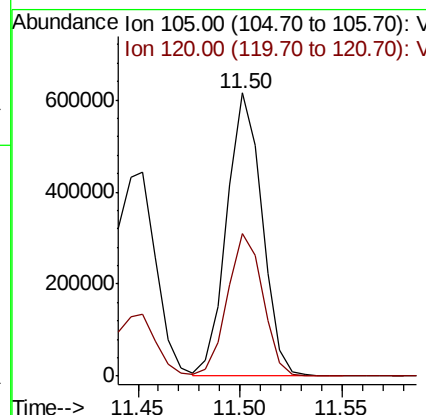
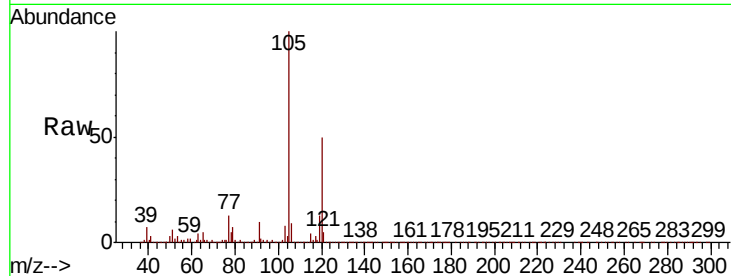




#80
 1,3,5-Trimethylbenzene
 Concen: 26.655 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

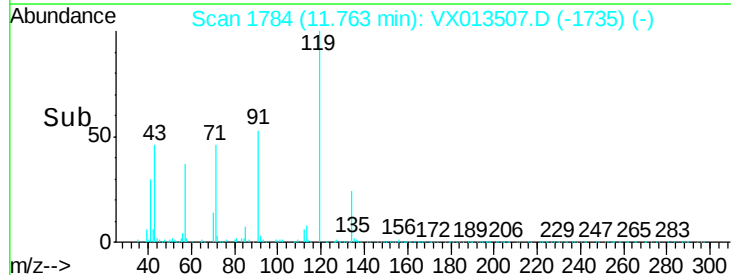
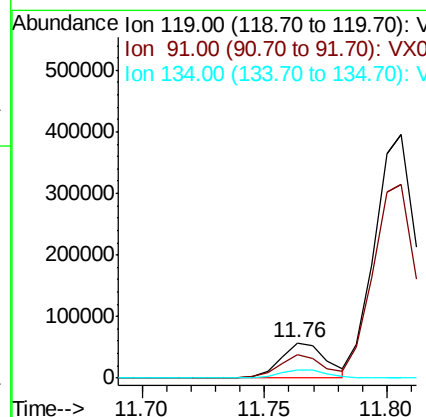
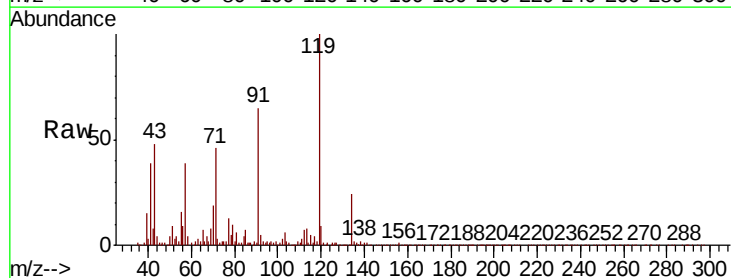
Instrument :
 MSVOA_X
 ClientSampleID :
 FD-111919DL

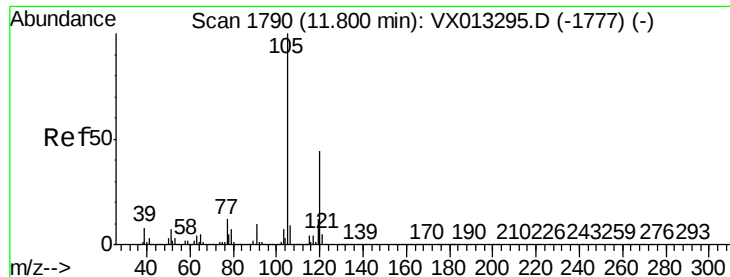
Tot Ion:105 Resp: 734024
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.9 74.8



#83
 tert-Butylbenzene
 Concen: 2.636 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX013507.D
 Acq: 21 Nov 2019 16:46

Tgt Ion:119 Resp: 73077
 Ion Ratio Lower Upper
 119 100
 91 65.3 26.9 80.7
 134 24.7 11.7 35.1





#84

1,2,4-Trimethylbenzene

Concen: 138.101 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VX013507.D

Acq: 21 Nov 2019 16:46

Instrument :

MSVOA_X

ClientSampleId :

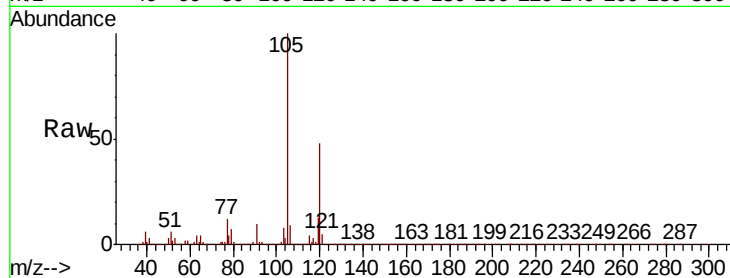
FD-111919DL

Tot Ion:105 Resp: 3814994

Ion Ratio Lower Upper

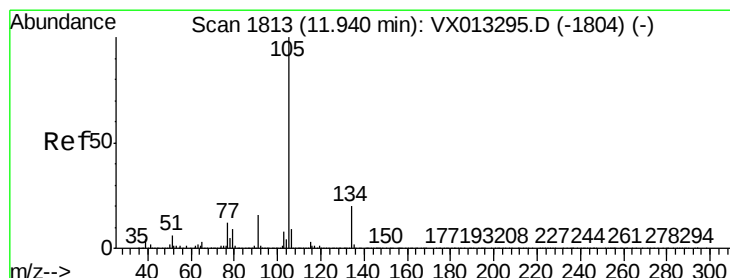
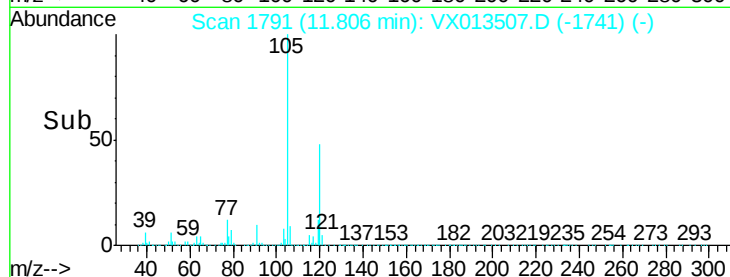
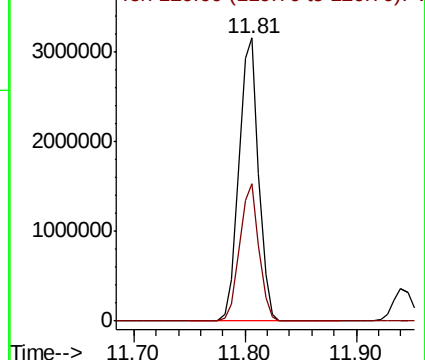
105 100

120 47.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 13.885 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013507.D

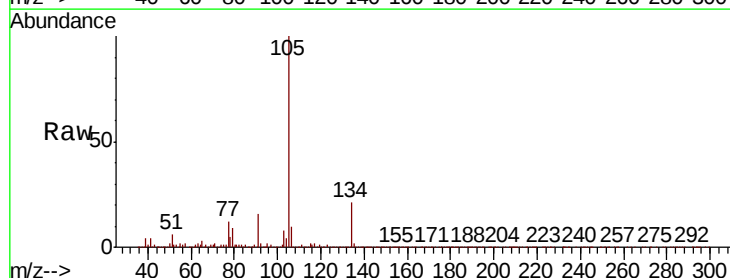
Acq: 21 Nov 2019 16:46

Tgt Ion:105 Resp: 442385

Ion Ratio Lower Upper

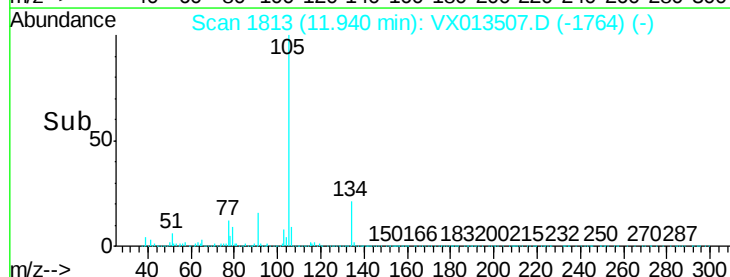
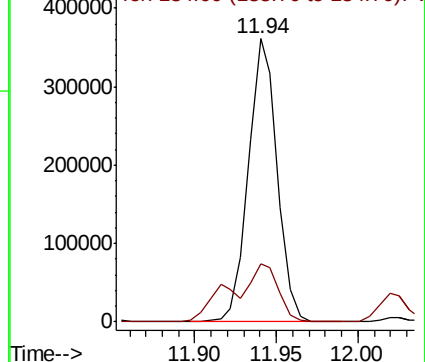
105 100

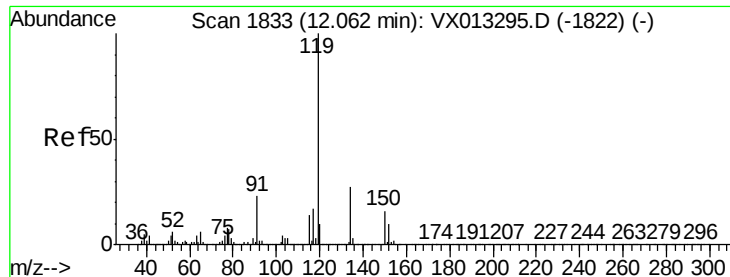
134 20.0 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

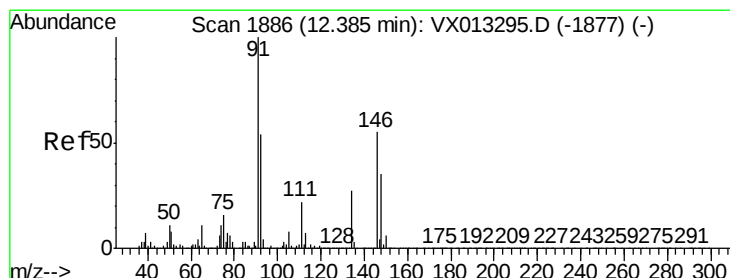
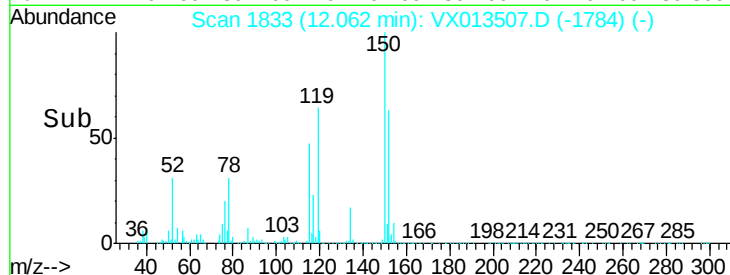
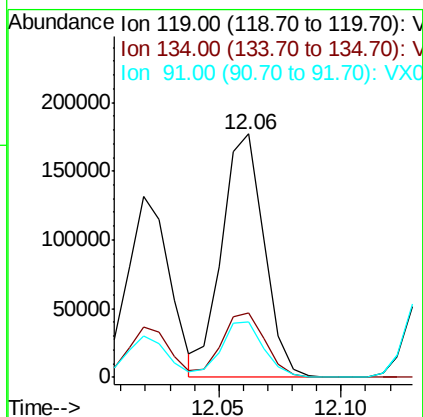
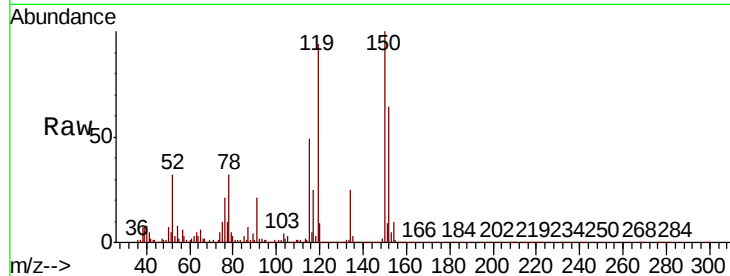




#86
p-Isopropyltoluene
Concen: 7.212 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

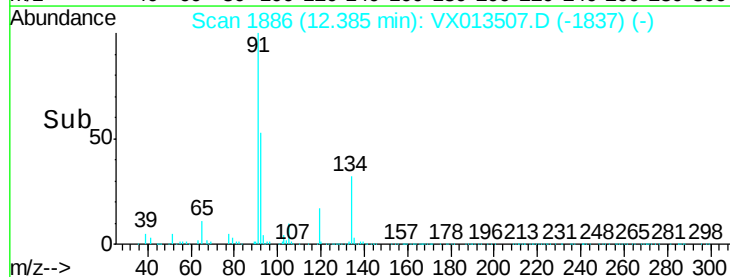
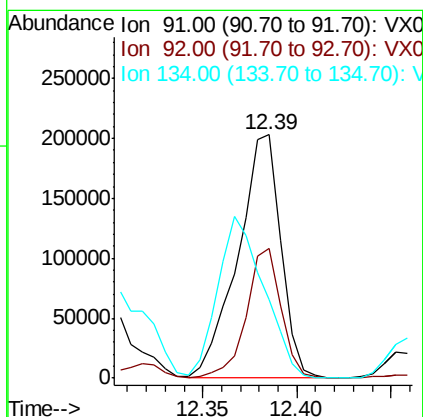
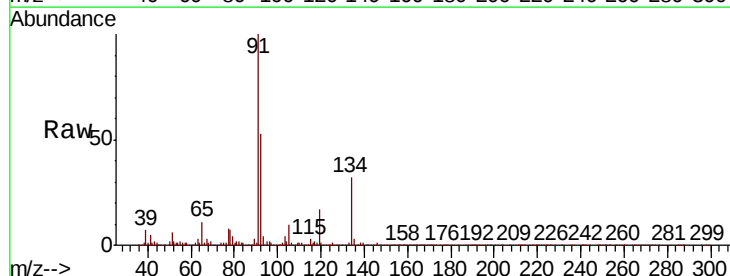
Instrument :
MSVOA_X
ClientSampleID :
FD-111919DL

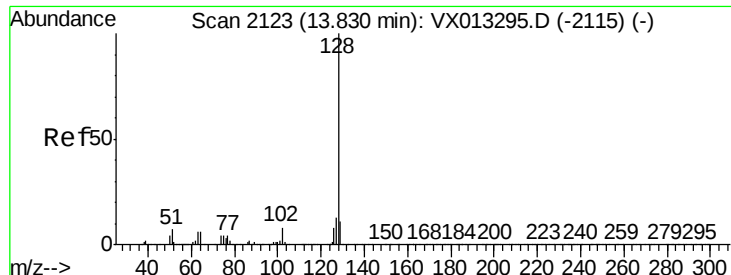
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.3	39.8
91	22.7	11.5	34.4



#89
n-Butylbenzene
Concen: 12.501 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	43.4	27.3	81.8
134	71.2	13.5	40.5

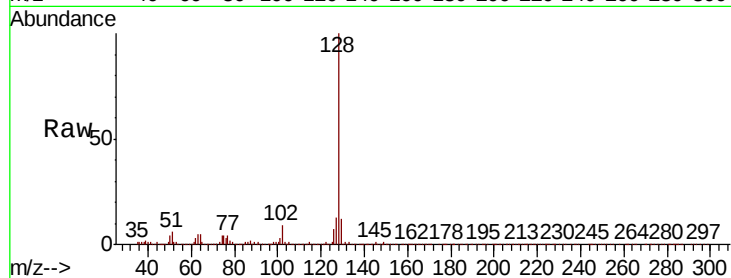




#95
Naphthalene
Concen: 3.996 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013507.D
Acq: 21 Nov 2019 16:46

Instrument :
MSVOA_X
ClientSampleId :
FD-111919DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	11.6	8.5	12.7



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

