

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017421.D
 Acq On : 17 Jul 2020 15:48
 Operator : JC/SP
 Sample : L3324-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-50-DIAZ

Quant Time: Jul 20 01:04:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

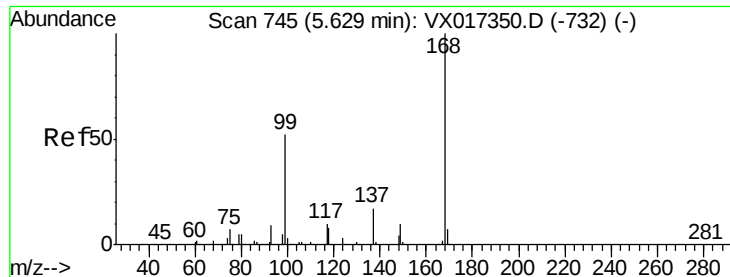
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	420266	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	451574	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248961	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	171590	57.15	ug/l	0.00
Spiked Amount			Recovery	=	114.30%	
35) Dibromofluoromethane	5.46	113	149490	52.80	ug/l	0.00
Spiked Amount			Recovery	=	105.60%	
50) Toluene-d8	8.70	98	551484	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
62) 4-Bromofluorobenzene	11.12	95	225051	55.48	ug/l	0.00
Spiked Amount			Recovery	=	110.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	18677	36.923	ug/l	95
16) Acetone	2.42	43	223520	208.681	ug/l	97
17) Carbon Disulfide	2.56	76	19577	3.083	ug/l #	94
20) Methylene Chloride	2.84	84	3462	1.325	ug/l	88
25) 2-Butanone	4.64	43	89368	52.531	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	8299	2.131	ug/l	99
52) Toluene	8.77	92	3197	0.448	ug/l	97
67) Ethyl Benzene	10.23	91	7756	0.508	ug/l	90
68) m/p-Xylenes	10.34	106	4536	0.780	ug/l	92
69) o-Xylene	10.69	106	1750	0.315	ug/l	70
84) 1,2,4-Trimethylbenzene	11.79	105	3560	0.266	ug/l	88

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071720\
Data File : VX017421.D
Acq On : 17 Jul 2020 15:48
Operator : JC/SP
Sample : L3324-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX017421.D

Acq: 17 Jul 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

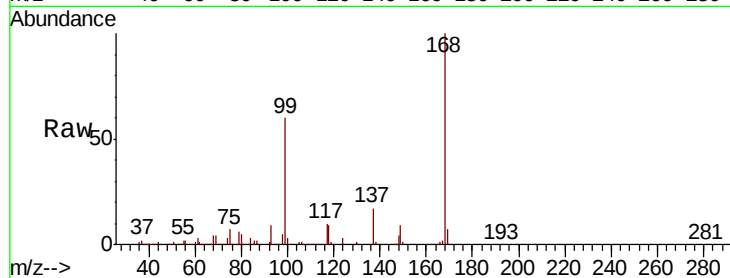
TOTE-50-DIAZ

Tot Ion:168 Resp: 239215

Ion Ratio Lower Upper

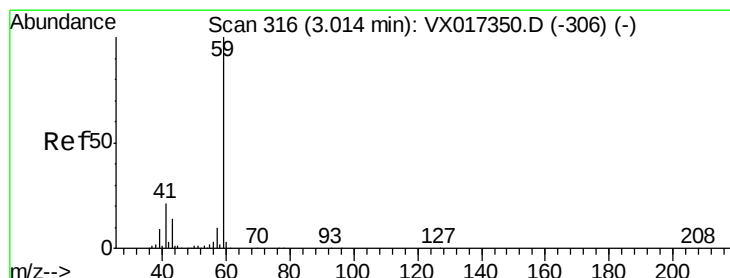
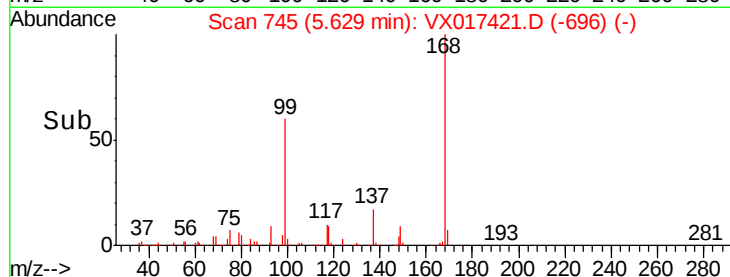
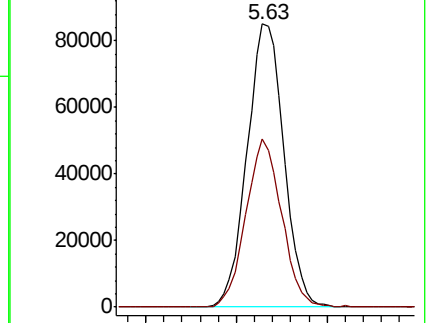
168 100

99 59.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 36.923 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX017421.D

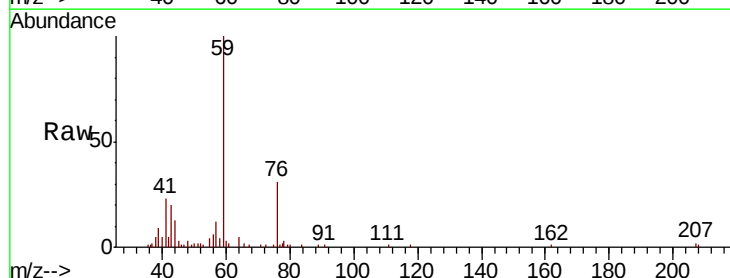
Acq: 17 Jul 2020 15:48

Tgt Ion: 59 Resp: 18677

Ion Ratio Lower Upper

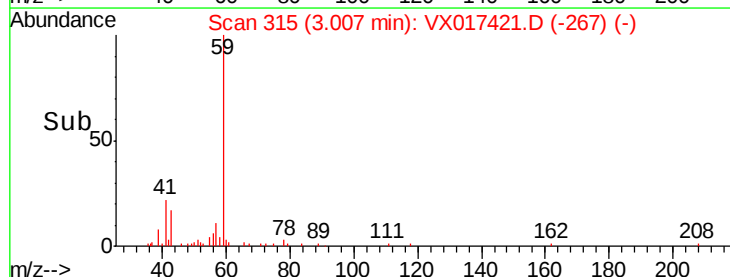
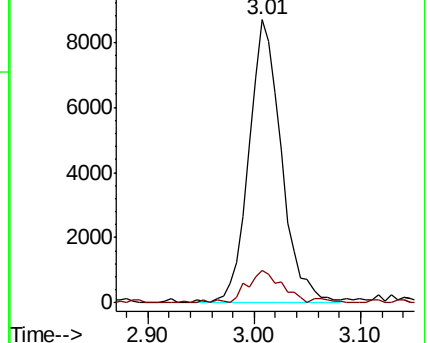
59 100

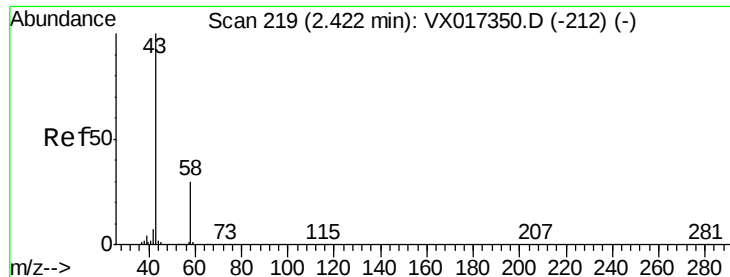
57 12.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 208.681 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017421.D

Acq: 17 Jul 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

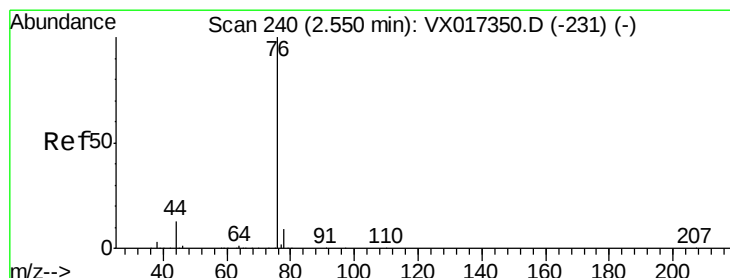
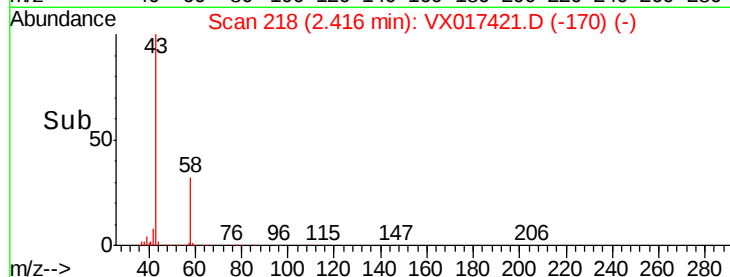
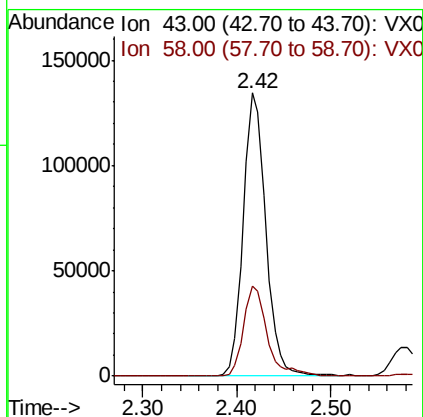
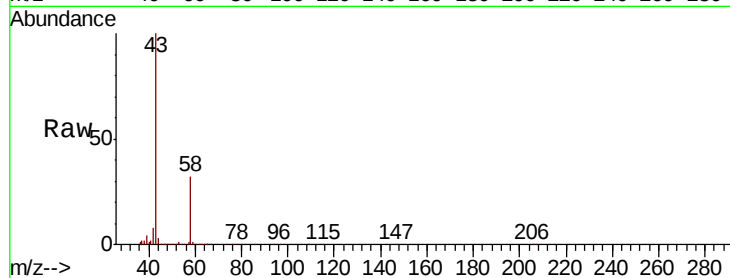
TOTE-50-DIAZ

Tot Ion: 43 Resp: 223520

Ion Ratio Lower Upper

43 100

58 31.6 24.2 36.2



#17

Carbon Disulfide

Concen: 3.083 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX017421.D

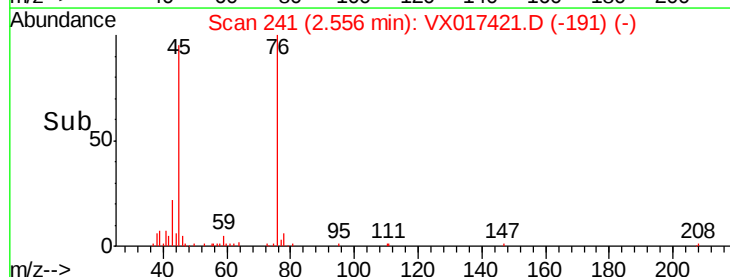
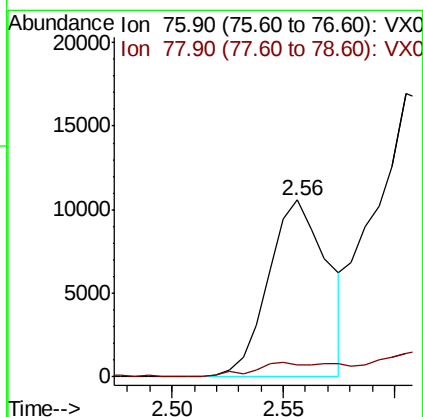
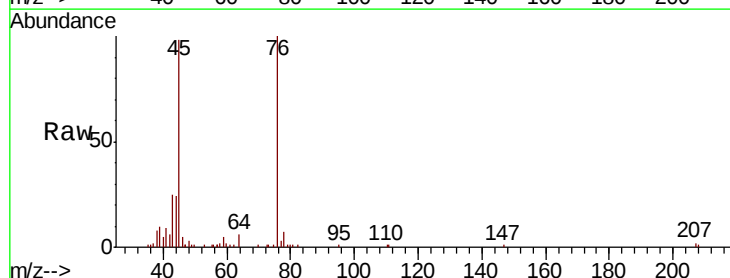
Acq: 17 Jul 2020 15:48

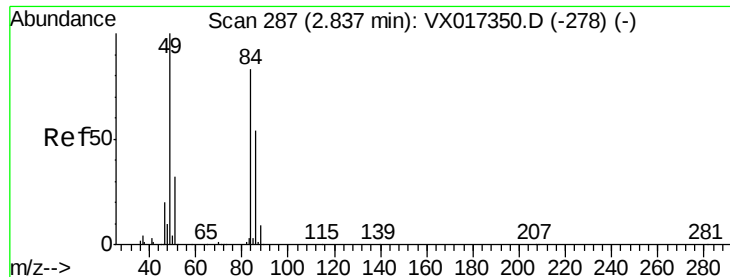
Tgt Ion: 76 Resp: 19577

Ion Ratio Lower Upper

76 100

78 6.8 7.3 10.9#

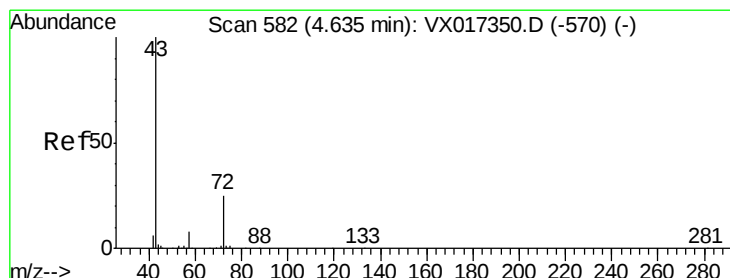
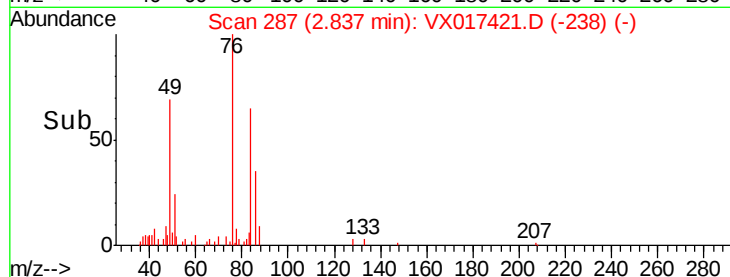
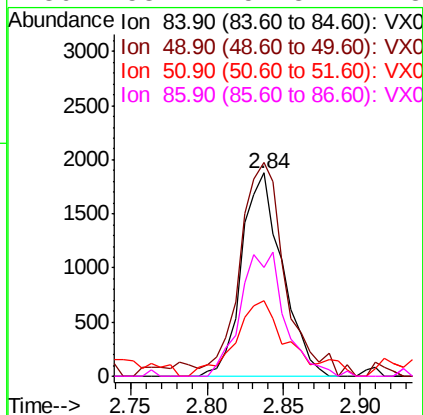
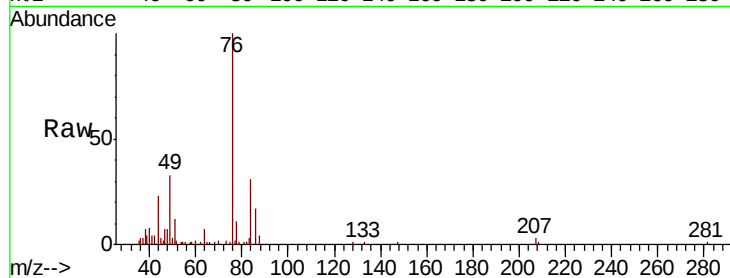




#20
Methvlene Chloride
Concen: 1.325 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017421.D
Acq: 17 Jul 2020 15:48

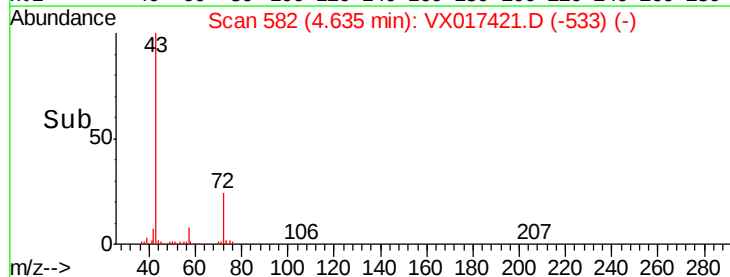
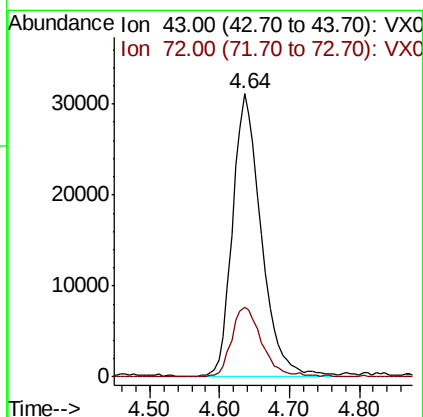
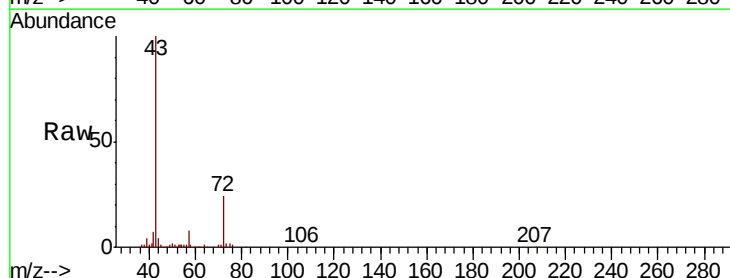
Instrument :
MSVOA_X
ClientSampleId :
TOTE-50-DIAZ

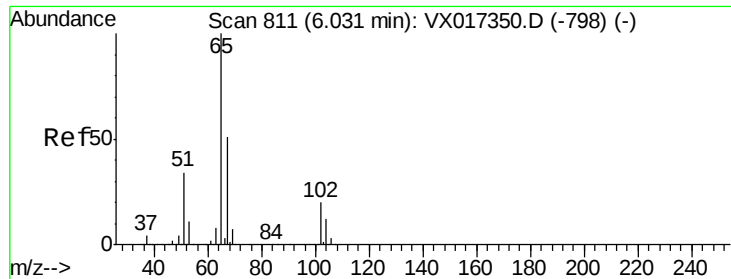
Tot Ion:	84	Resp:	3462
Ion	Ratio	Lower	Upper
84	100		
49	105.0	95.8	143.8
51	37.3	31.0	46.4
86	53.4	51.8	77.8



#25
2-Butanone
Concen: 52.531 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017421.D
Acq: 17 Jul 2020 15:48

Tgt Ion:	43	Resp:	89368
Ion	Ratio	Lower	Upper
43	100		
72	24.5	20.4	30.6





#33

1,2-Dichloroethane-d4

Concen: 57.152 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017421.D

Acq: 17 Jul 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

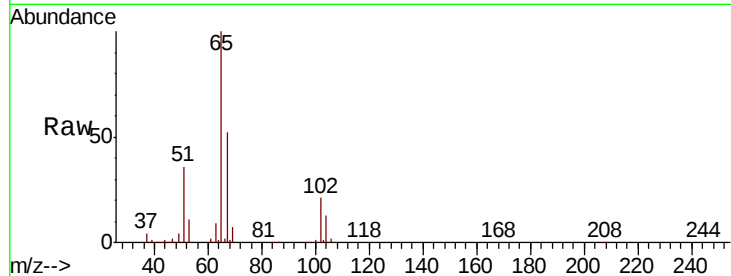
TOTE-50-DIAZ

Tot Ion: 65 Resp: 171590

Ion Ratio Lower Upper

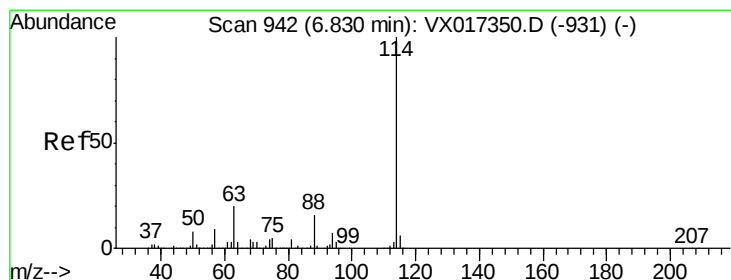
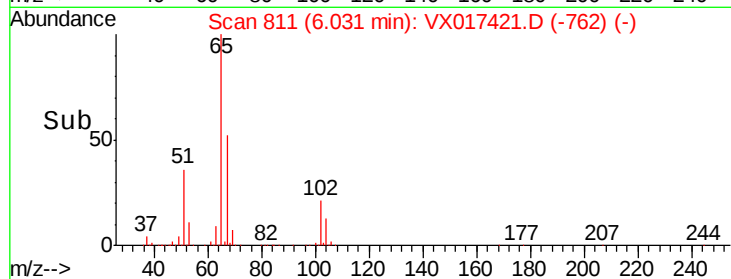
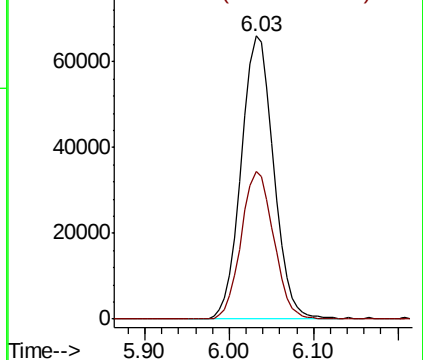
65 100

67 52.4 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017421.D

Acq: 17 Jul 2020 15:48

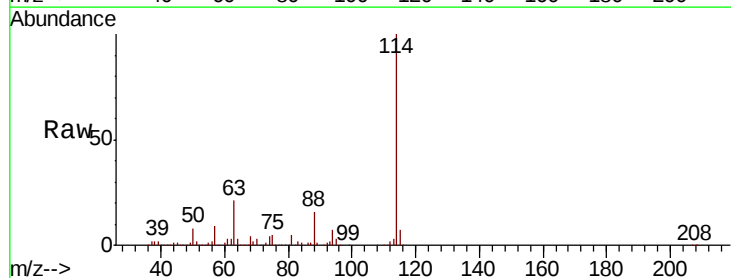
Tgt Ion: 114 Resp: 420266

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

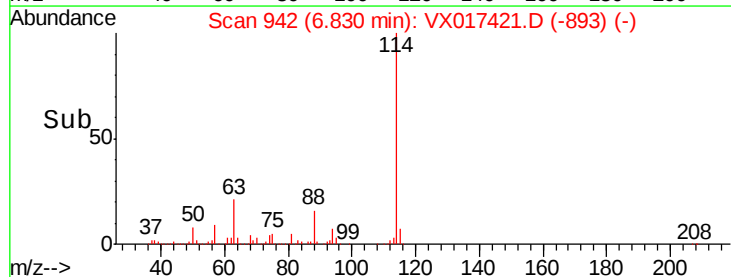
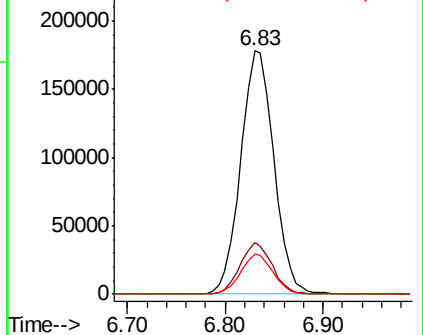
88 16.3 0.0 32.8

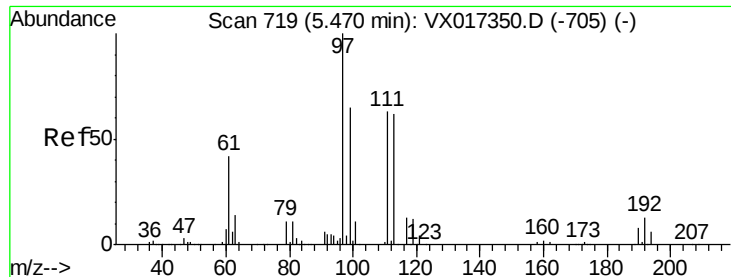


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

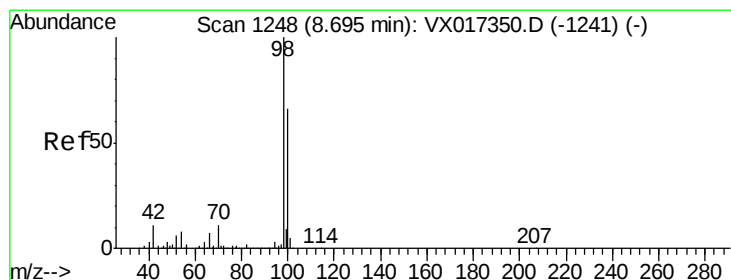
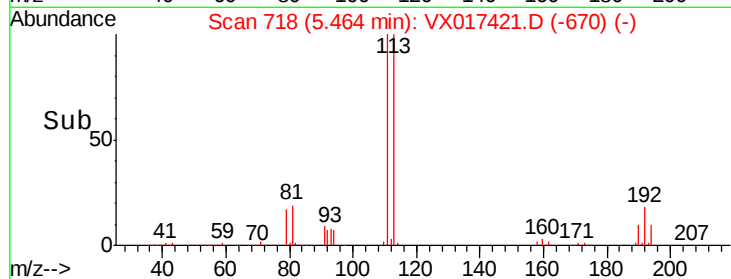
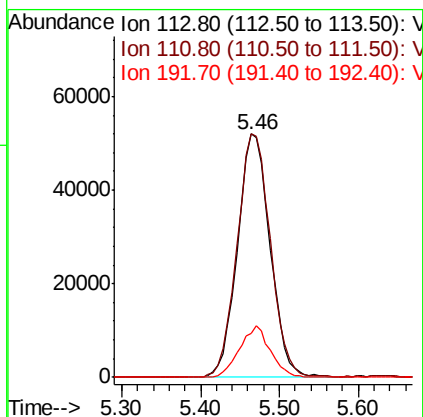
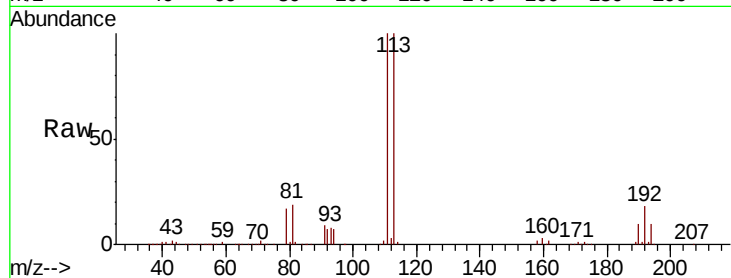




#35
 Dibromofluoromethane
 Concen: 52.805 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017421.D
 Acq: 17 Jul 2020 15:48

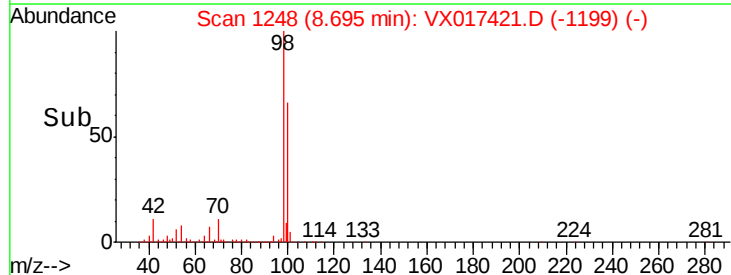
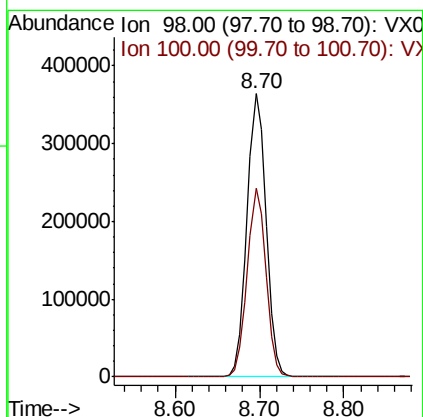
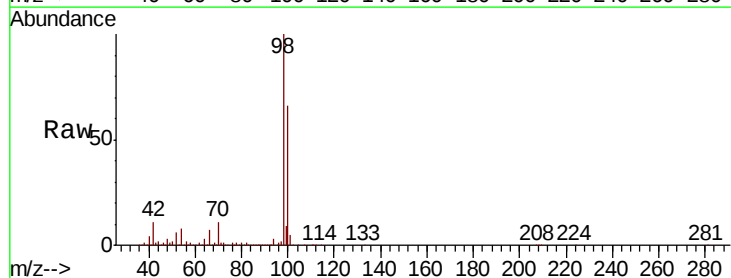
Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-50-DIAZ

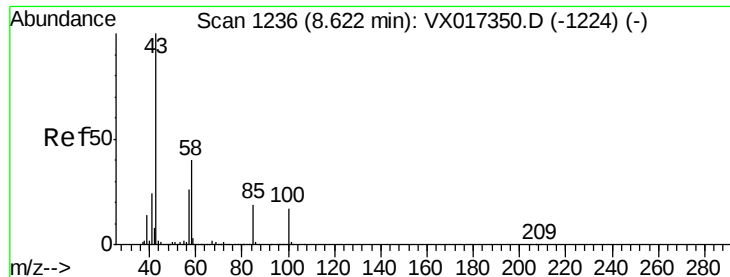
Tot Ion:113 Resp: 149490
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 19.8 17.2 25.8



#50
 Toluene-d8
 Concen: 54.005 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX017421.D
 Acq: 17 Jul 2020 15:48

Tgt Ion: 98 Resp: 551484
 Ion Ratio Lower Upper
 98 100
 100 65.1 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 2.131 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017421.D

Acq: 17 Jul 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

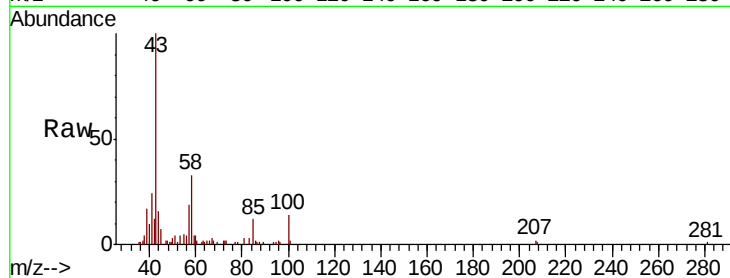
TOTE-50-DIAZ

Tot Ion: 43 Resp: 8299

Ion Ratio Lower Upper

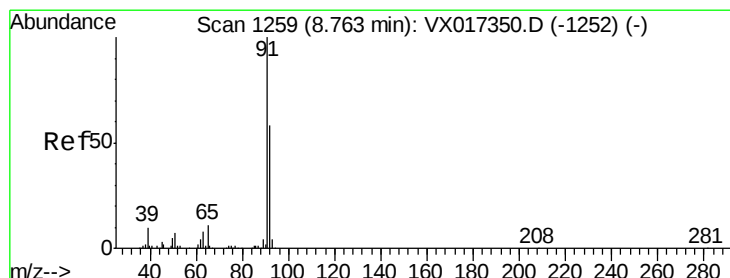
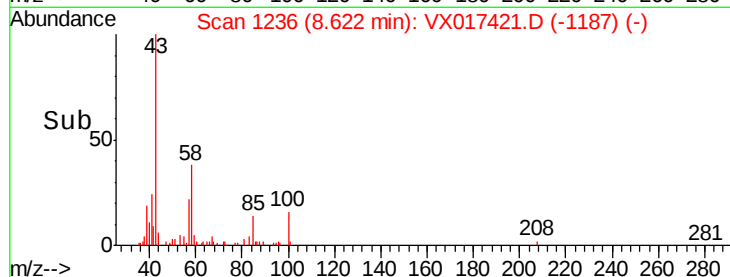
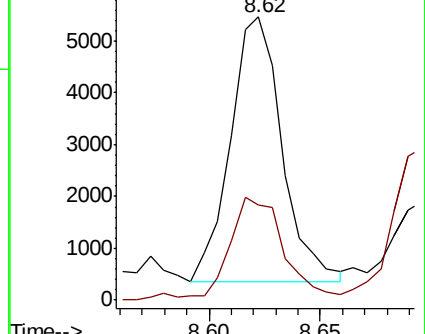
43 100

58 39.5 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.448 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017421.D

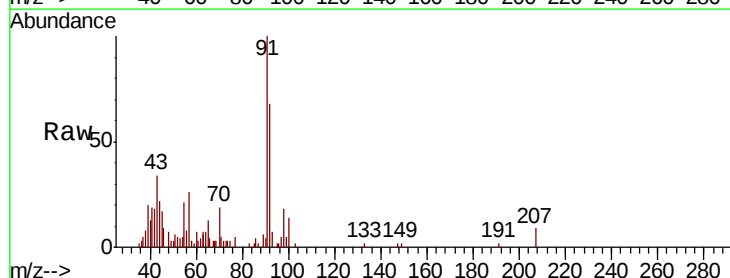
Acq: 17 Jul 2020 15:48

Tgt Ion: 92 Resp: 3197

Ion Ratio Lower Upper

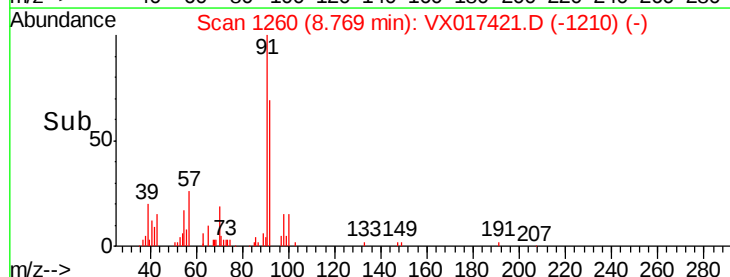
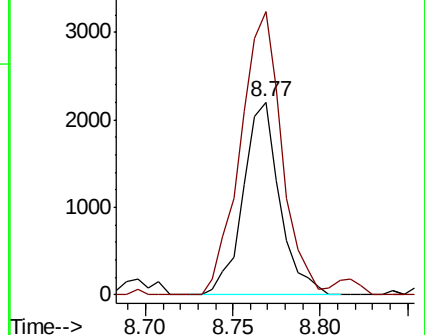
92 100

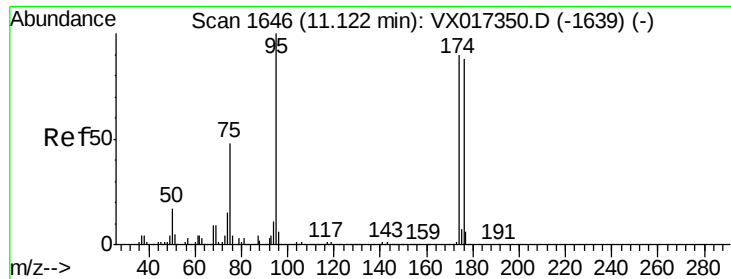
91 167.2 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.482 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017421.D

Acq: 17 Jul 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

TOTE-50-DIAZ

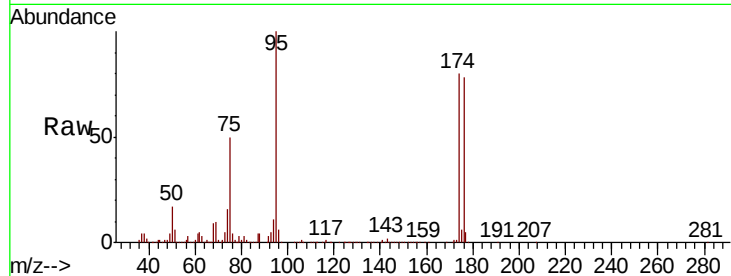
Tot Ion: 95 Resp: 225051

Ion Ratio Lower Upper

95 100

174 80.3 0.0 175.8

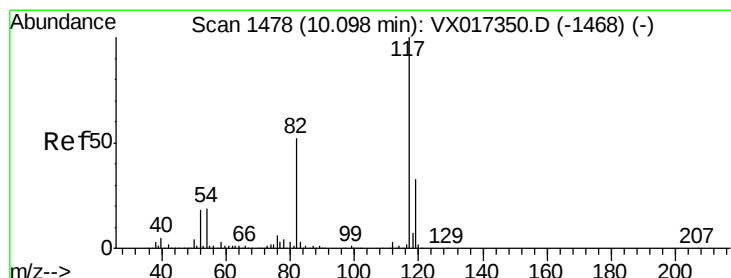
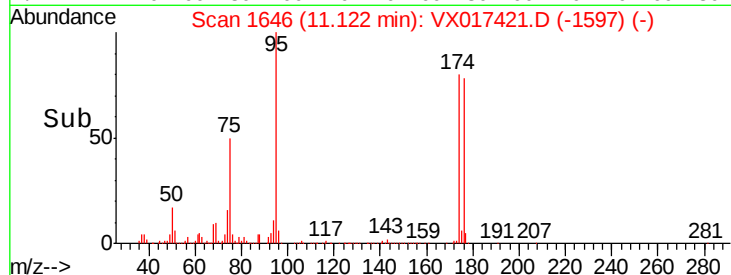
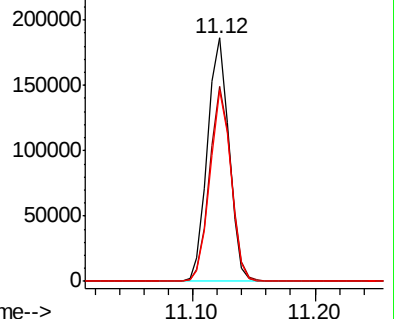
176 76.9 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX017350.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017350.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017350.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017421.D

Acq: 17 Jul 2020 15:48

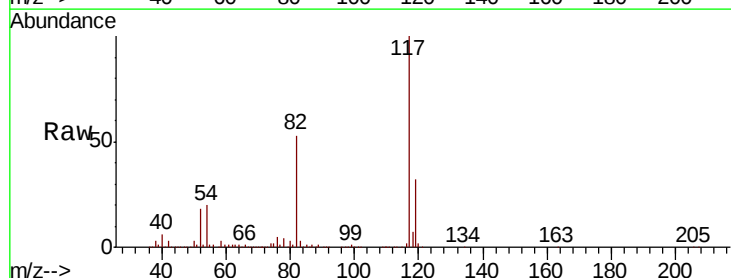
Tgt Ion: 117 Resp: 451574

Ion Ratio Lower Upper

117 100

82 53.3 42.0 63.0

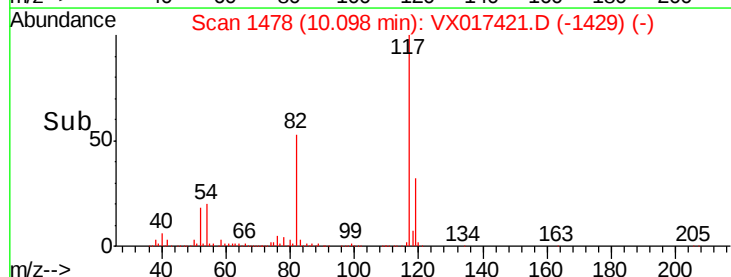
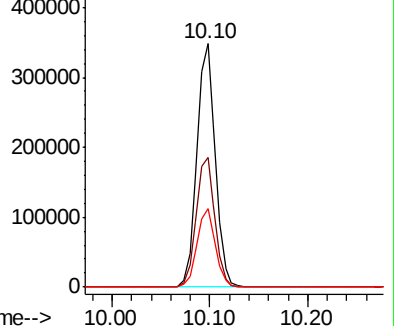
119 32.5 26.3 39.5

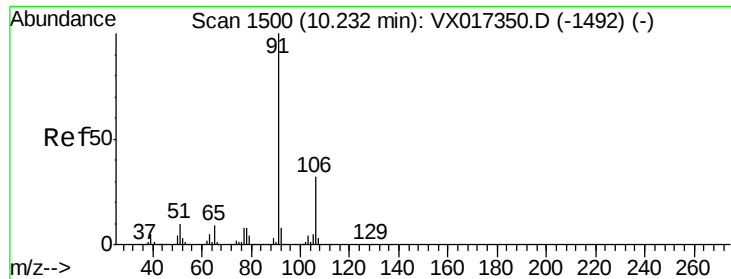


Abundance Ion 116.90 (116.60 to 117.60): VX017350.D (-1468) (-)

Ion 82.00 (81.70 to 82.70): VX017350.D (-1468) (-)

Ion 118.90 (118.60 to 119.60): VX017350.D (-1468) (-)

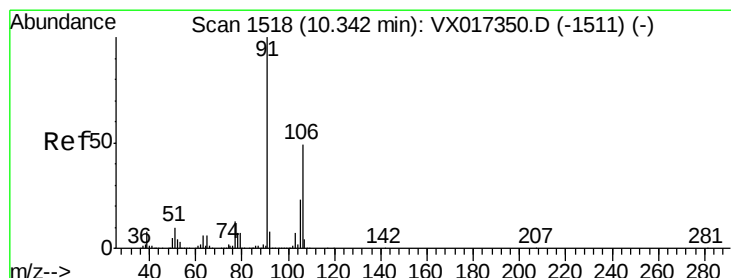
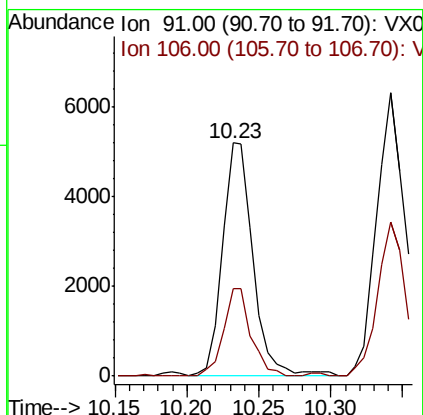
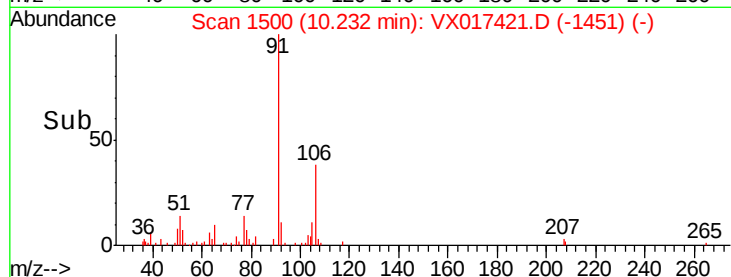
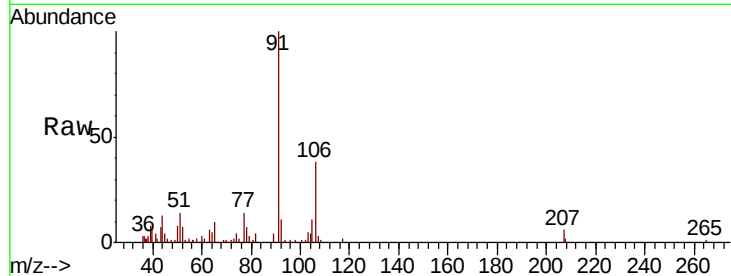




#67
Ethyl Benzene
Concen: 0.508 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017421.D
Acq: 17 Jul 2020 15:48

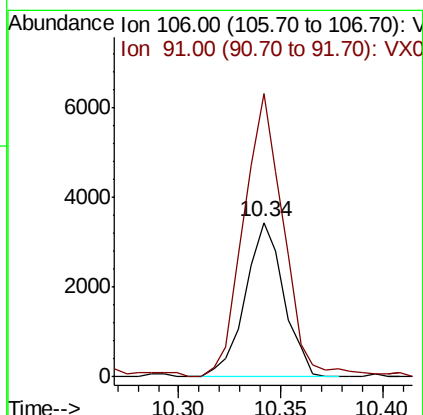
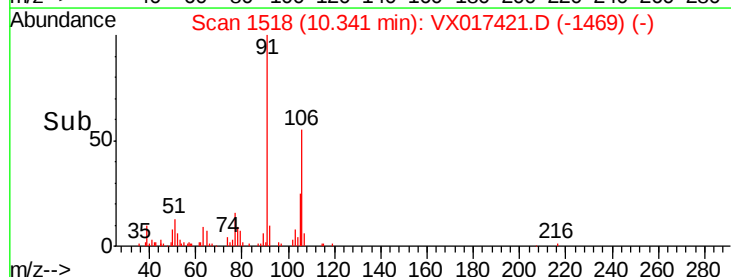
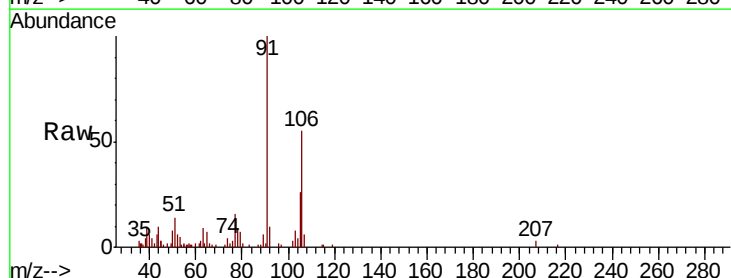
Instrument :
MSVOA_X
ClientSampleId :
TOTE-50-DIAZ

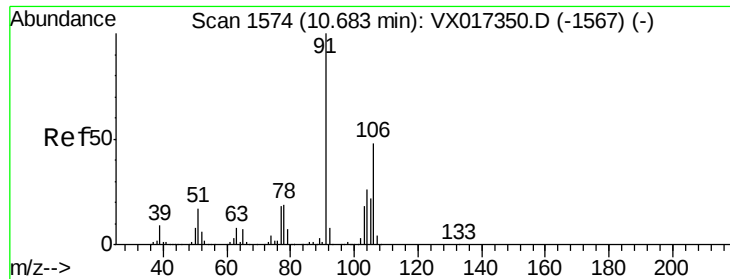
Tot Ion: 91 Resp: 7756
Ion Ratio Lower Upper
91 100
106 37.6 25.7 38.5



#68
m/p-Xylenes
Concen: 0.780 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017421.D
Acq: 17 Jul 2020 15:48

Tgt Ion: 106 Resp: 4536
Ion Ratio Lower Upper
106 100
91 191.0 162.5 243.7

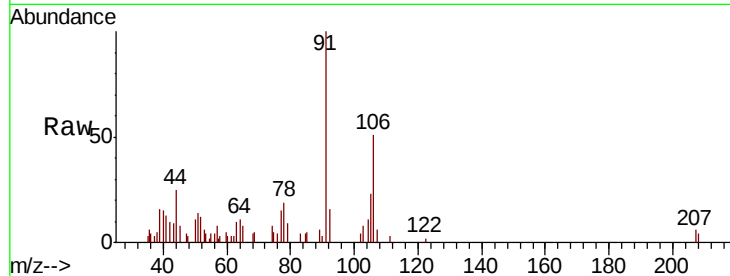




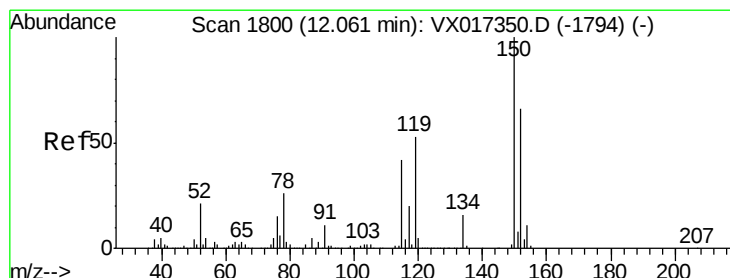
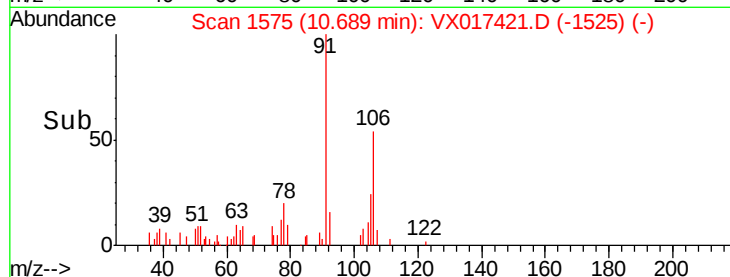
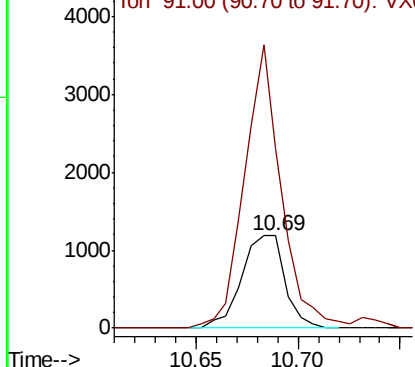
#69
o-Xylene
Concen: 0.315 ug/l
RT: 10.69 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VX017421.D
Acq: 17 Jul 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
TOTE-50-DIAZ

Tot Ion:106 Resp: 1750
Ion Ratio Lower Upper
106 100
91 259.9 106.1 318.1

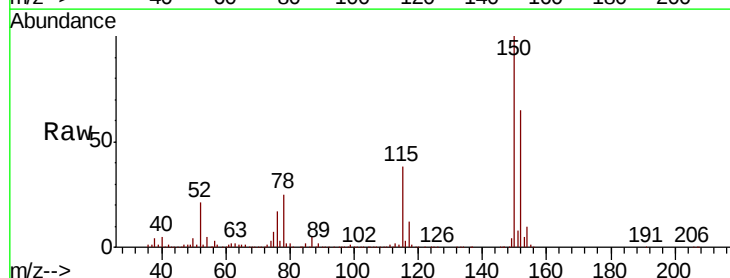


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

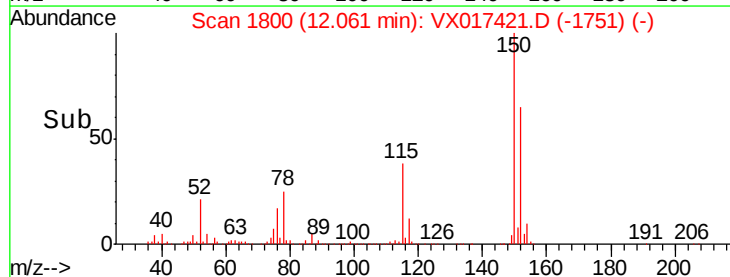
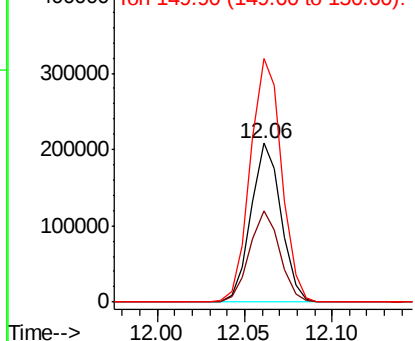


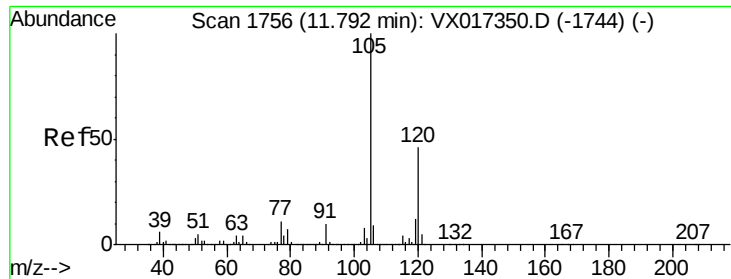
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017421.D
Acq: 17 Jul 2020 15:48

Tgt Ion:152 Resp: 248961
Ion Ratio Lower Upper
152 100
115 58.2 39.9 119.7
150 159.5 0.0 343.4



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





#84
 1,2,4-Trimethylbenzene
 Concen: 0.266 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017421.D
 Acq: 17 Jul 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTE-50-DIAZ

Tot Ion:105 Resp: 3560
 Ion Ratio Lower Upper
 105 100
 120 37.6 22.8 68.4

