

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070820\
 Data File : VX017265.D
 Acq On : 08 Jul 2020 18:52
 Operator : JC/SP
 Sample : L3217-17 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E3-41-NHL

Quant Time: Jul 09 07:57:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	256104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	435565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234102	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	161327	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
35) Dibromofluoromethane	5.48	113	149363	54.21	ug/l	0.01
Spiked Amount			Recovery	=	108.42%	
50) Toluene-d8	8.70	98	512339	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.12	95	216133	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	

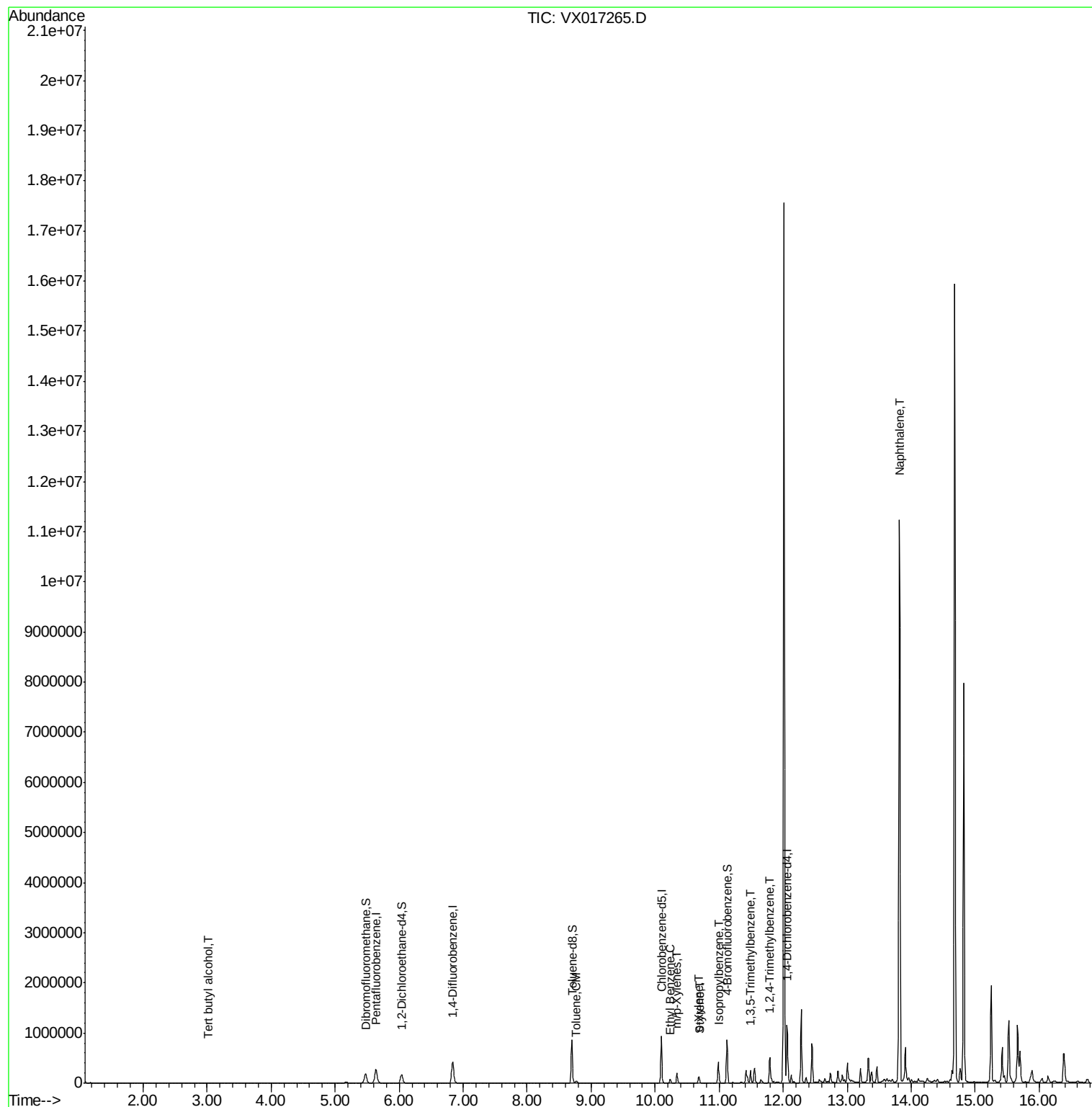
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	3458	5.741	ug/l	97
52) Toluene	8.77	92	12277	1.626	ug/l	99
67) Ethyl Benzene	10.24	91	40724	2.797	ug/l	96
68) m/p-Xylenes	10.34	106	46028	8.234	ug/l	97
69) o-Xylene	10.68	106	26849	5.049	ug/l	97
70) Styrene	10.70	104	11808	1.304	ug/l #	66
73) Isopropylbenzene	11.00	105	34285	2.236	ug/l	86
80) 1,3,5-Trimethylbenzene	11.49	105	109664	8.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	210350	16.302	ug/l	98
95) Naphthalene	13.82	128	6663697	448.851	ug/l	99

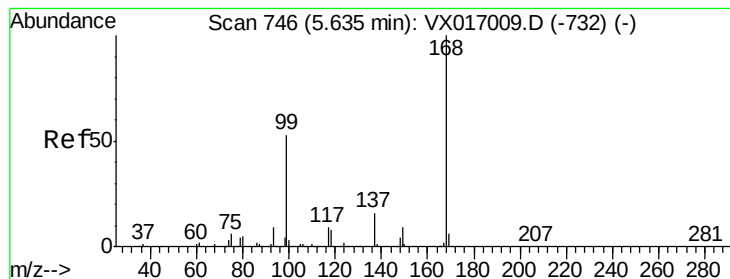
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 09 07:57:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017265.D

Acq: 08 Jul 2020 18:52

Instrument :

MSVOA_X

ClientSampleId :

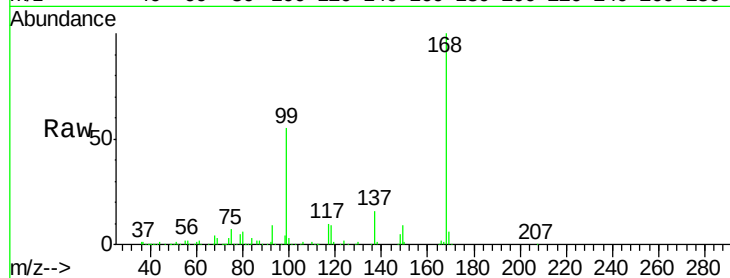
E3-41-NHL

Tot Ion:168 Resp: 256104

Ion Ratio Lower Upper

168 100

99 55.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

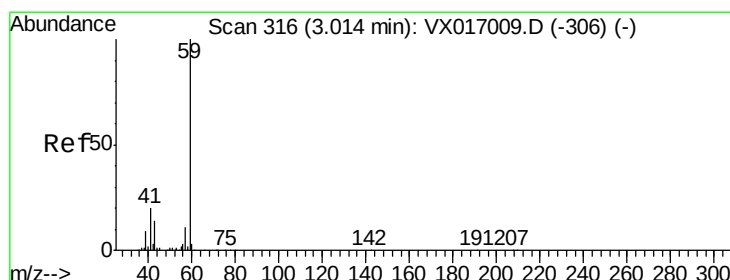
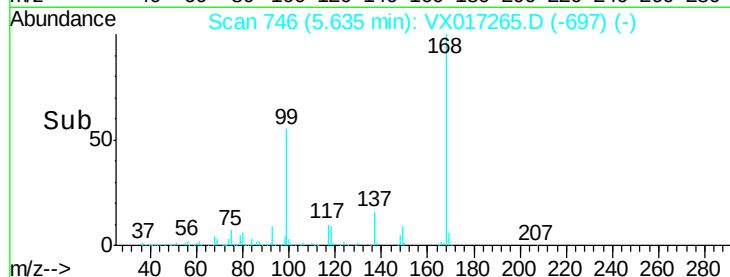
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 5.741 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX017265.D

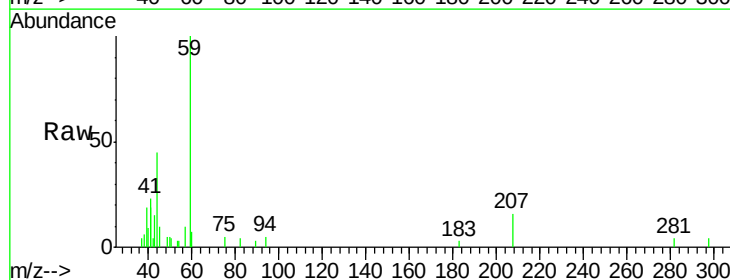
Acq: 08 Jul 2020 18:52

Tgt Ion: 59 Resp: 3458

Ion Ratio Lower Upper

59 100

57 9.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

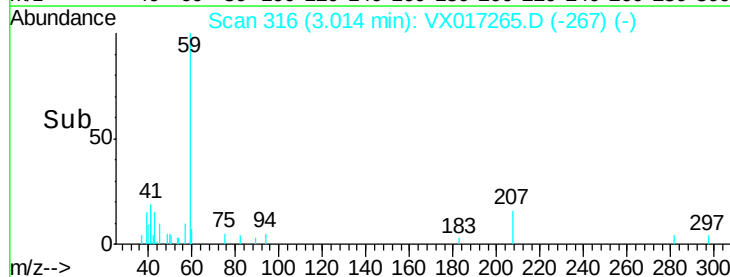
1500

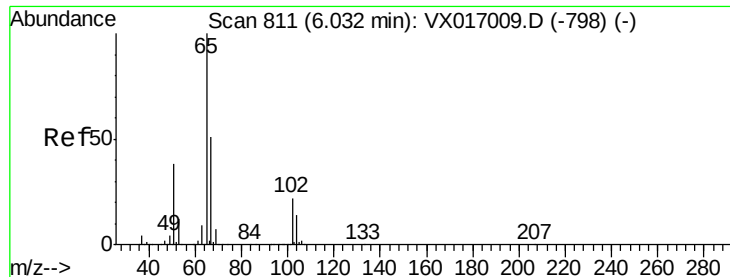
1000

500

0

Time--> 2.95 3.00 3.05 3.10

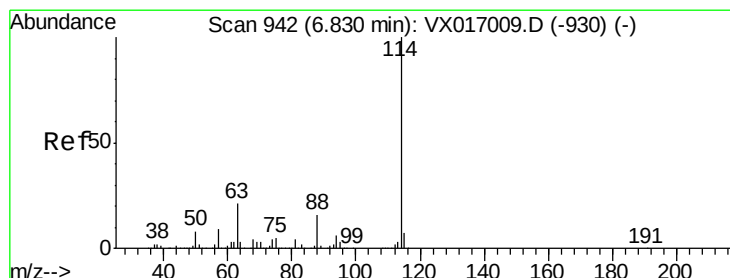
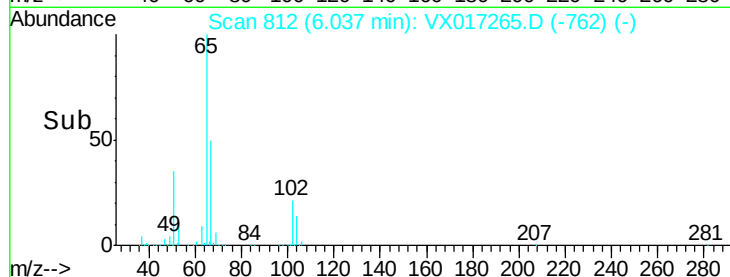
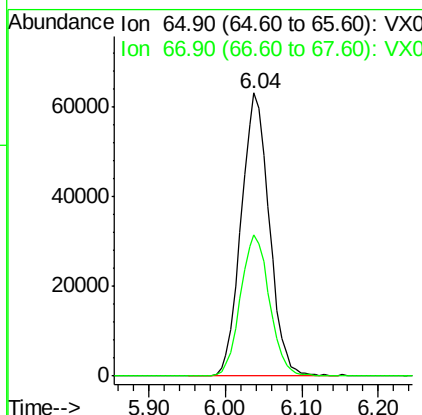
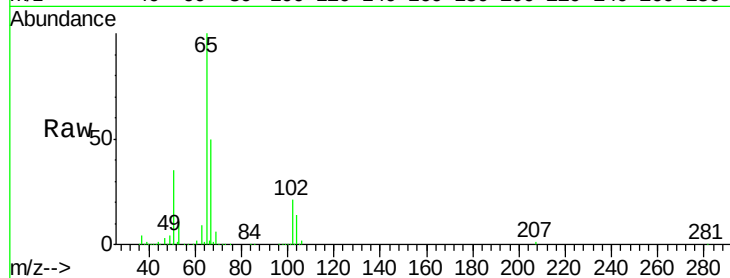




#33
 1,2-Dichloroethane-d4
 Concen: 51.097 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017265.D
 Acq: 08 Jul 2020 18:52

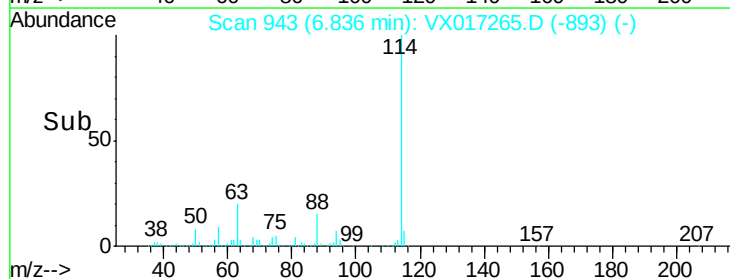
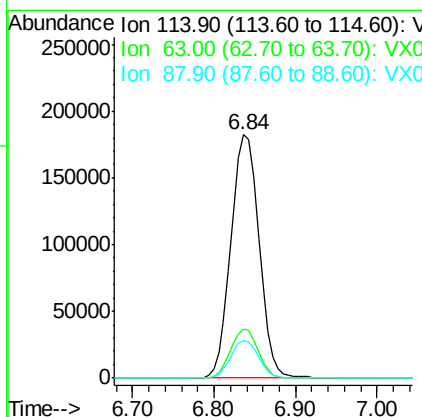
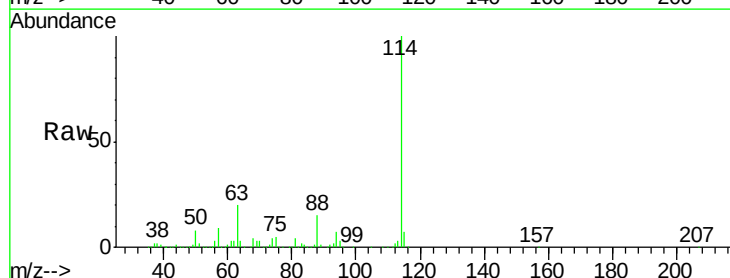
Instrument :
 MSVOA_X
 ClientSampleId :
 E3-41-NHL

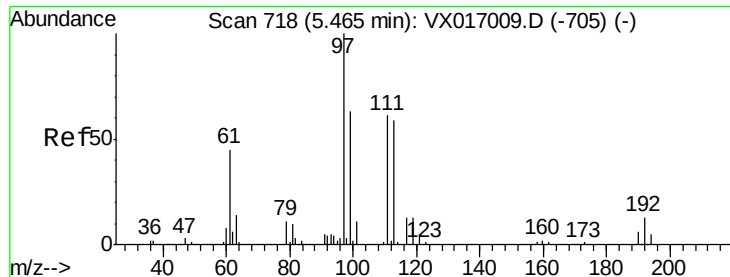
Tot Ion: 65 Resp: 161327
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017265.D
 Acq: 08 Jul 2020 18:52

Tgt Ion: 114 Resp: 435565
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.4
 88 15.4 0.0 32.4

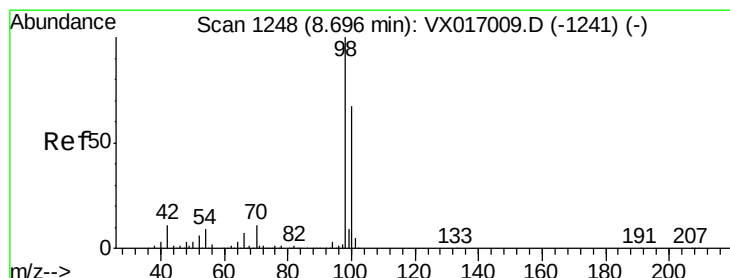
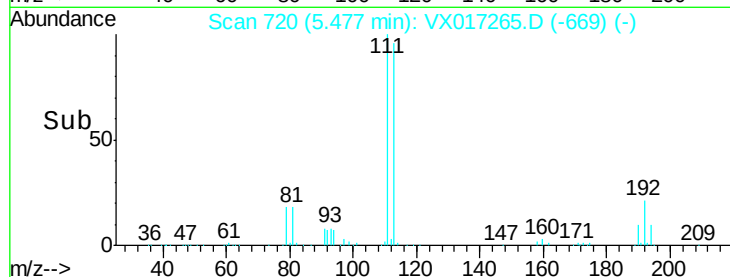
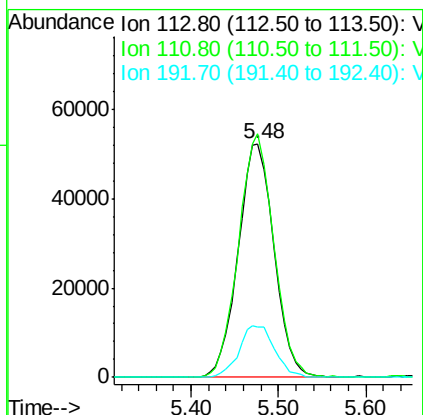
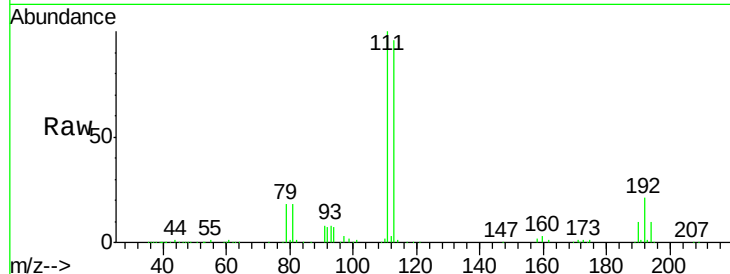




#35
 Dibromofluoromethane
 Concen: 54.210 ug/l
 RT: 5.48 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: VX017265.D
 Acq: 08 Jul 2020 18:52

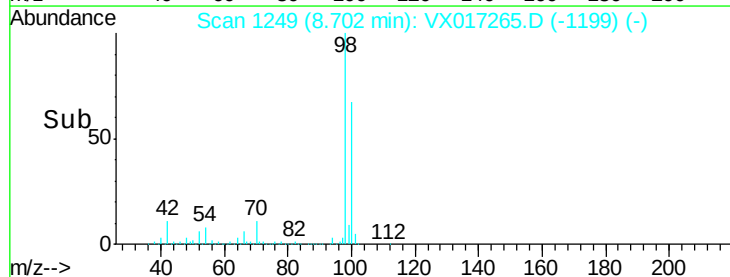
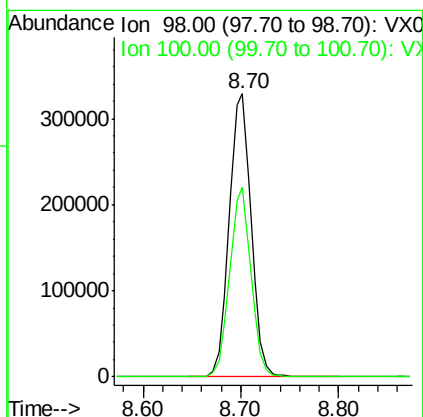
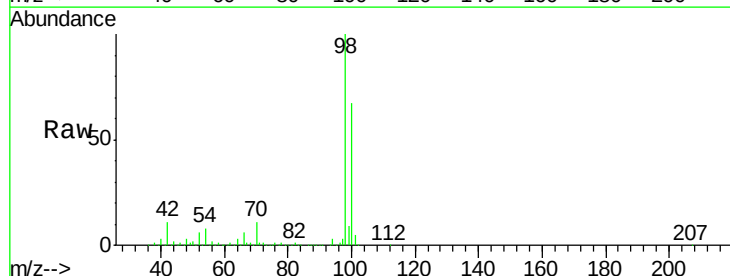
Instrument :
 MSVOA_X
 ClientSampleId :
 E3-41-NHL

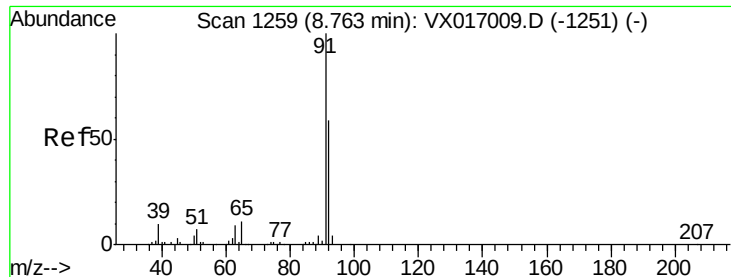
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	22.0	16.7	25.1



#50
 Toluene-d8
 Concen: 50.287 ug/l
 RT: 8.70 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: VX017265.D
 Acq: 08 Jul 2020 18:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.8	80.6





#52

Toluene

Concen: 1.626 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017265.D

Acq: 08 Jul 2020 18:52

Instrument :

MSVOA_X

ClientSampleId :

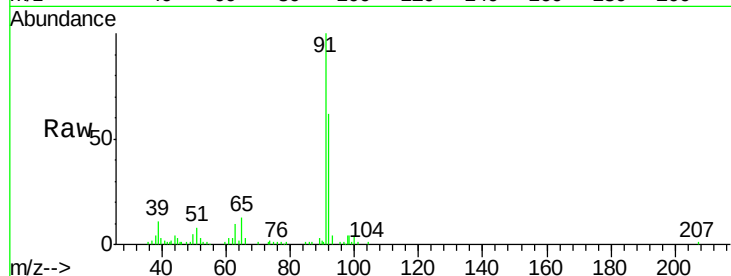
E3-41-NHL

Tot Ion: 92 Resp: 12277

Ion Ratio Lower Upper

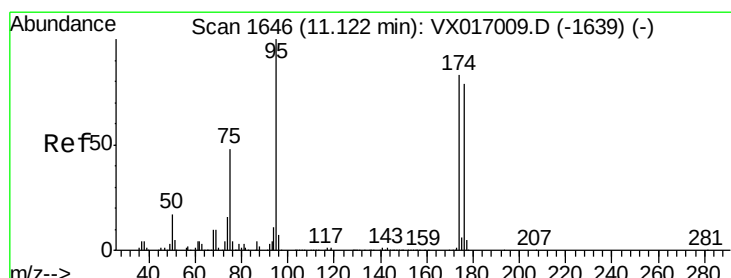
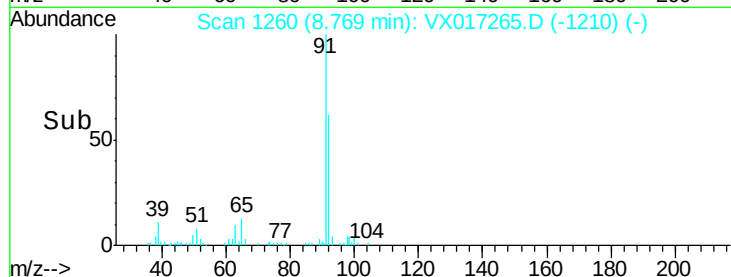
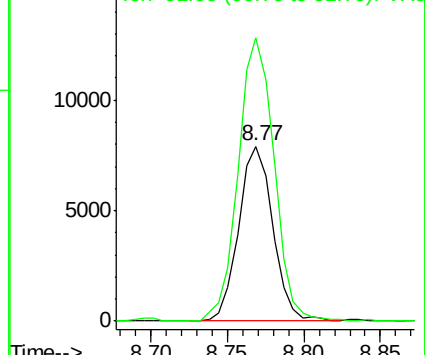
92 100

91 169.5 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.267 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017265.D

Acq: 08 Jul 2020 18:52

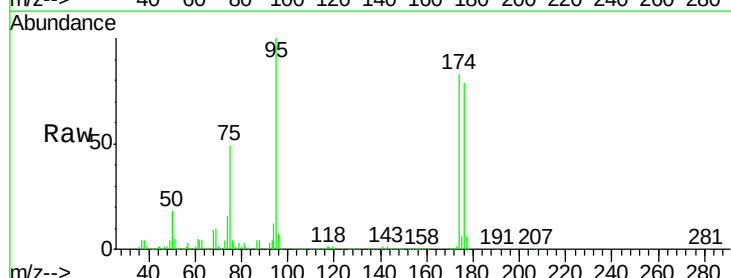
Tgt Ion: 95 Resp: 216133

Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.0

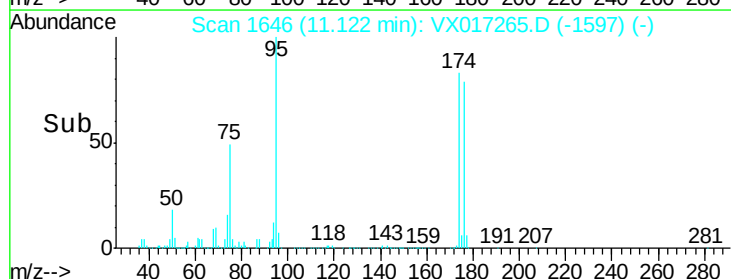
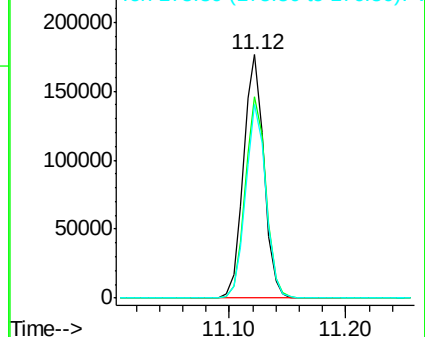
176 79.3 0.0 157.6

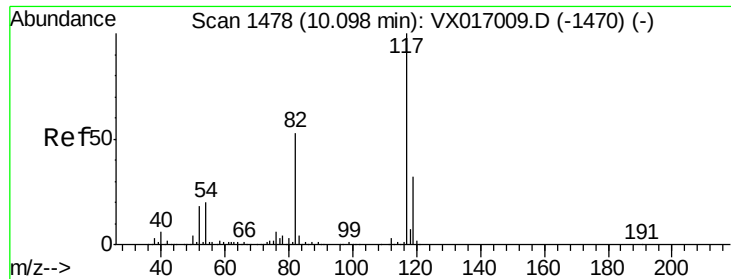


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

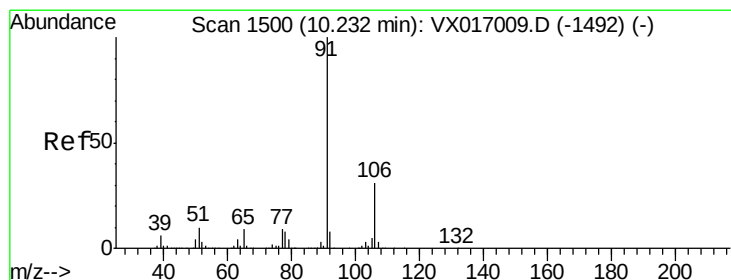
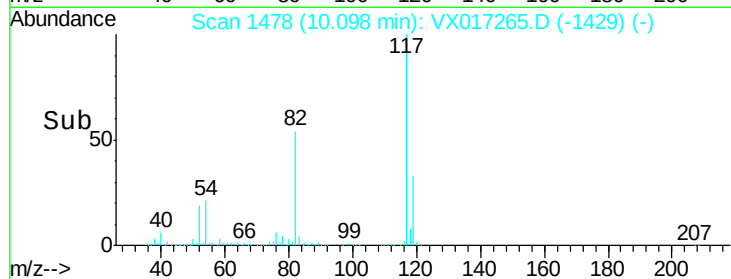
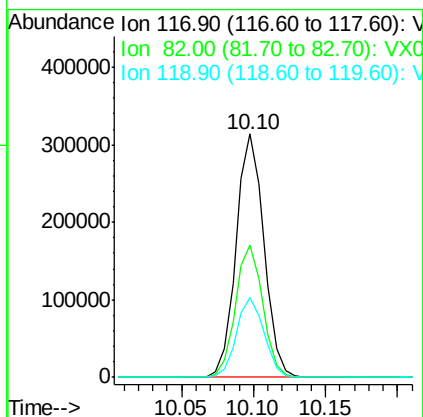
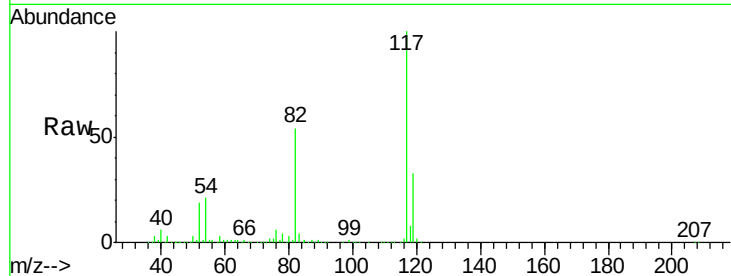




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017265.D
Acq: 08 Jul 2020 18:52

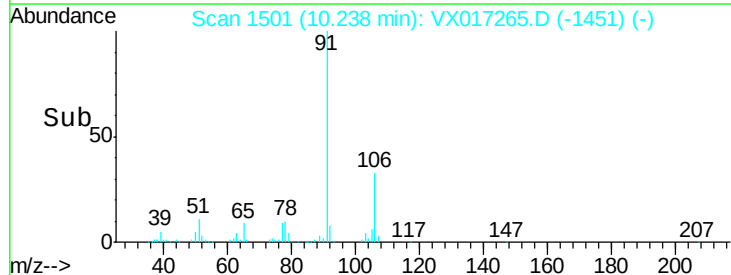
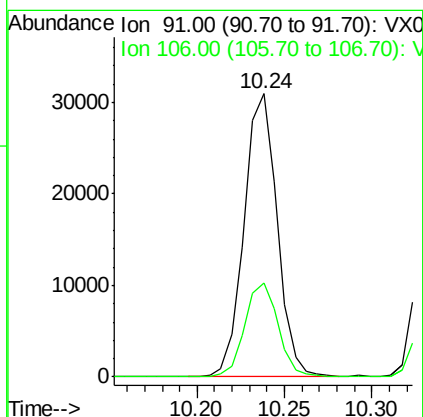
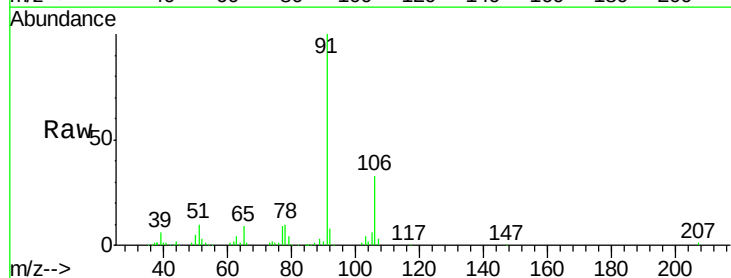
Instrument :
MSVOA_X
ClientSampleId :
E3-41-NHL

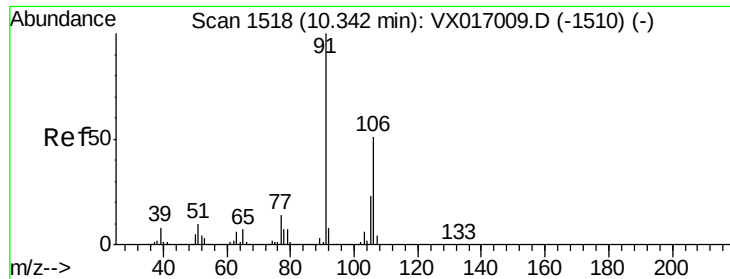
Tot Ion:117 Resp: 422392
Ion Ratio Lower Upper
117 100
82 54.5 42.6 63.8
119 32.7 25.4 38.2



#67
Ethyl Benzene
Concen: 2.797 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017265.D
Acq: 08 Jul 2020 18:52

Tgt Ion: 91 Resp: 40724
Ion Ratio Lower Upper
91 100
106 33.1 24.7 37.1

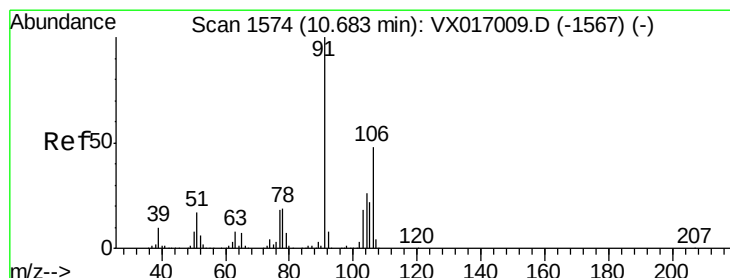
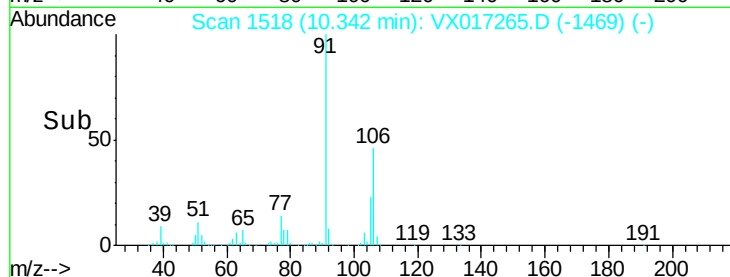
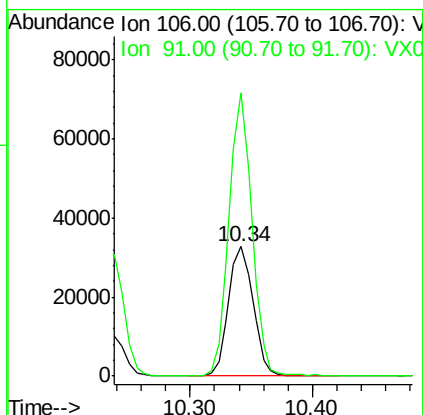
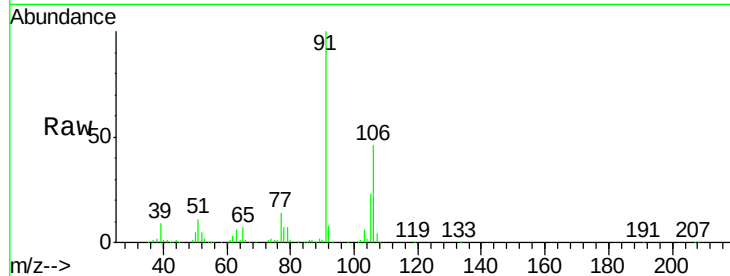




#68
m/p-Xylenes
Concen: 8.234 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017265.D
Acq: 08 Jul 2020 18:52

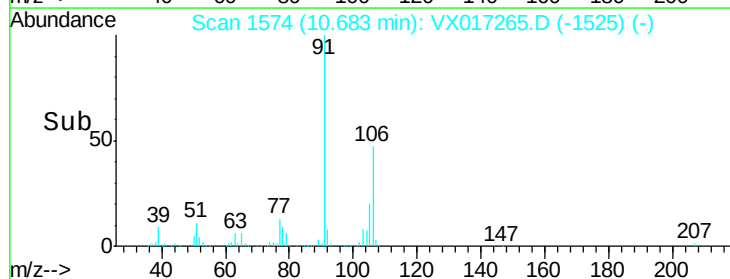
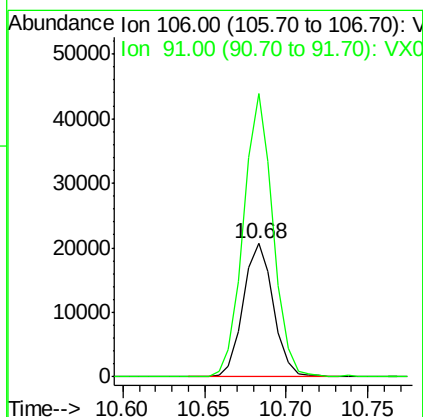
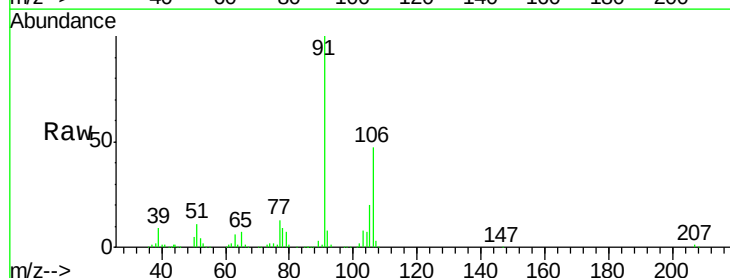
Instrument :
MSVOA_X
ClientSampleId :
E3-41-NHL

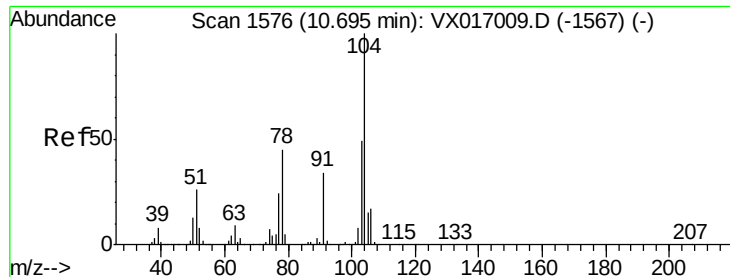
Tot Ion:106 Resp: 46028
Ion Ratio Lower Upper
106 100
91 202.5 158.6 238.0



#69
o-Xylene
Concen: 5.049 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017265.D
Acq: 08 Jul 2020 18:52

Tgt Ion:106 Resp: 26849
Ion Ratio Lower Upper
106 100
91 207.0 105.6 316.7





#70

Stvrene

Concen: 1.304 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX017265.D

Acq: 08 Jul 2020 18:52

Instrument :

MSVOA_X

ClientSampled :

E3-41-NHL

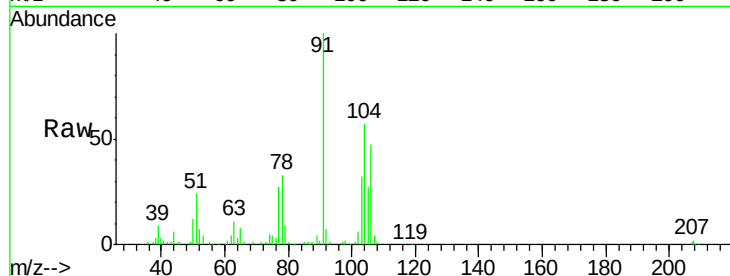
Tot Ion:104 Resp: 11808

Ion Ratio Lower Upper

104 100

78 73.3 39.5 59.3#

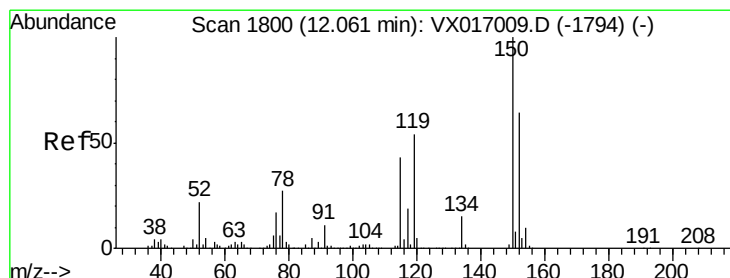
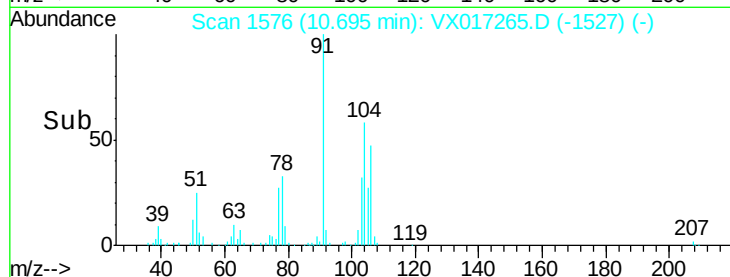
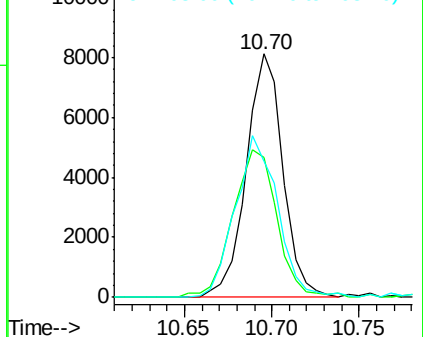
103 77.1 43.0 64.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017265.D

Acq: 08 Jul 2020 18:52

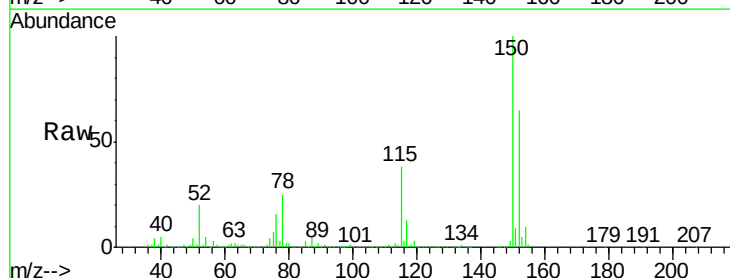
Tgt Ion:152 Resp: 234102

Ion Ratio Lower Upper

152 100

115 58.2 40.9 122.7

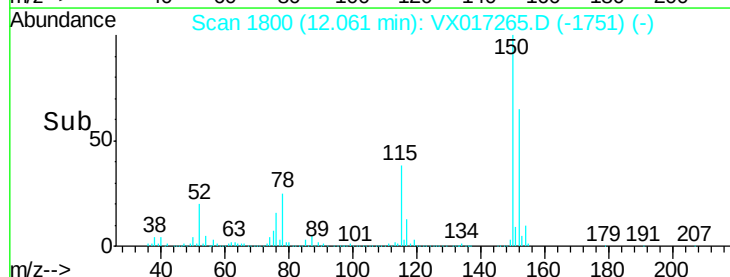
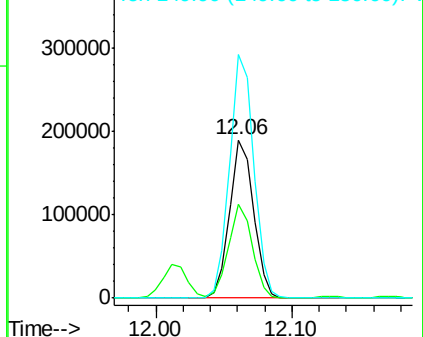
150 155.3 0.0 351.6

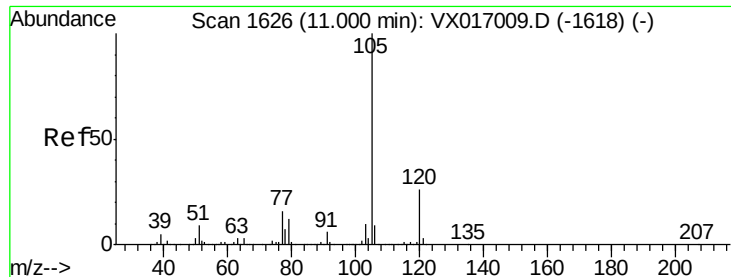


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.236 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017265.D

Acq: 08 Jul 2020 18:52

Instrument :

MSVOA_X

ClientSampleId :

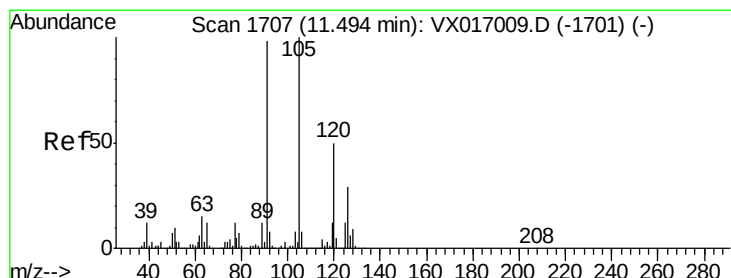
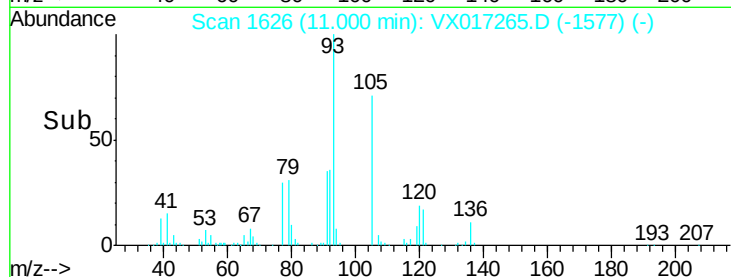
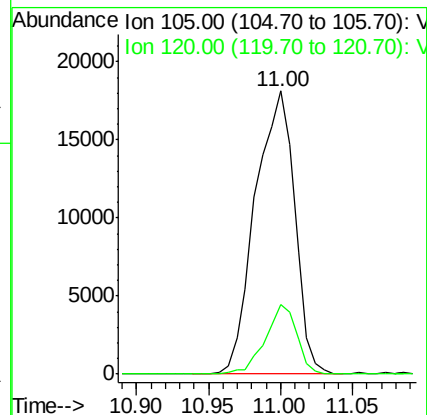
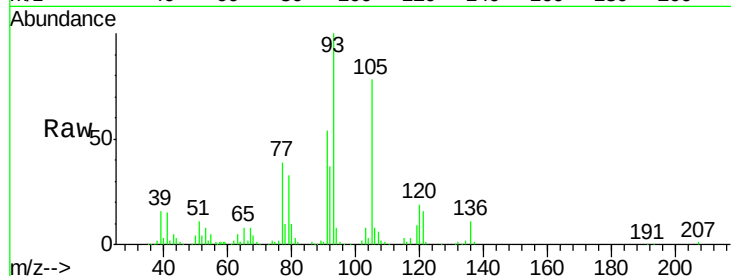
E3-41-NHL

Tot Ion:105 Resp: 34285

Ion Ratio Lower Upper

105 100

120 19.7 13.4 40.2



#80

1,3,5-Trimethylbenzene

Concen: 8.622 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017265.D

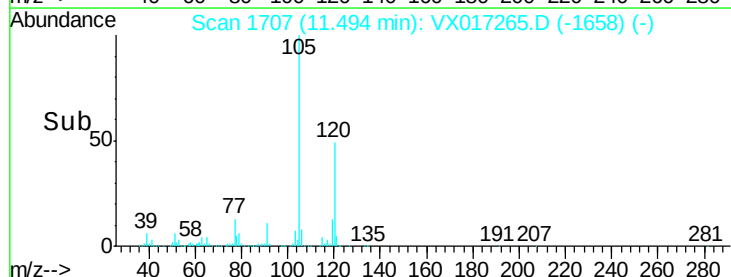
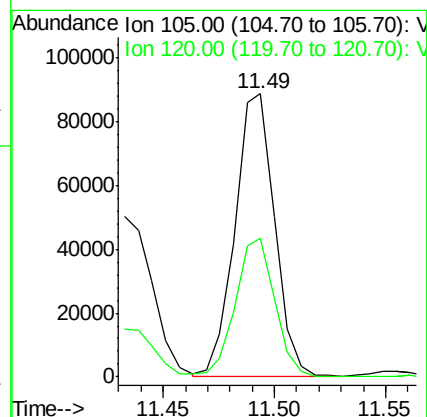
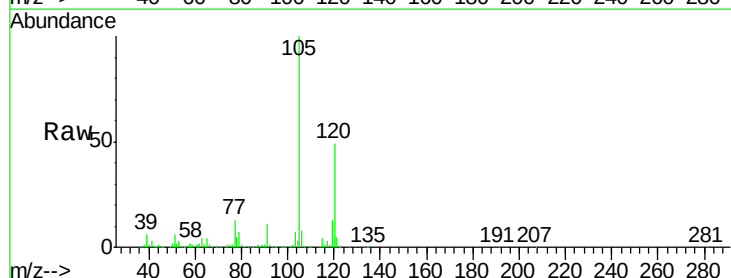
Acq: 08 Jul 2020 18:52

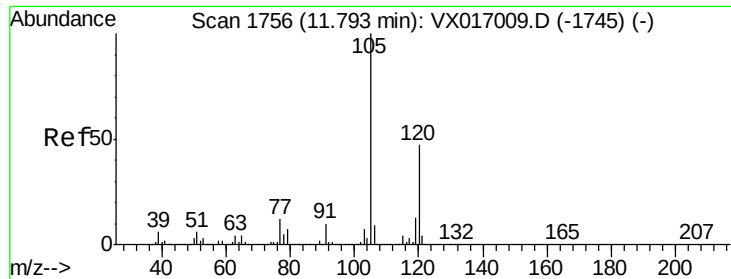
Tgt Ion:105 Resp: 109664

Ion Ratio Lower Upper

105 100

120 49.0 24.9 74.6

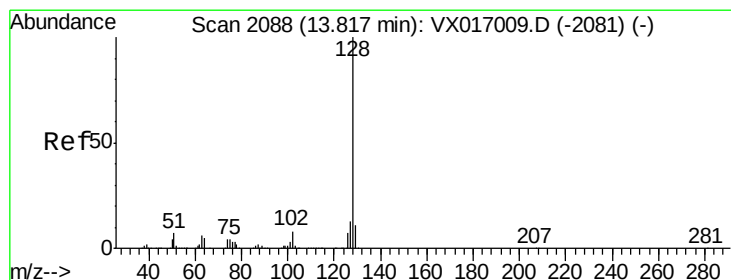
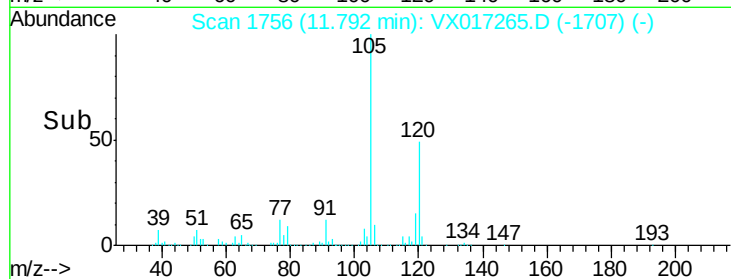
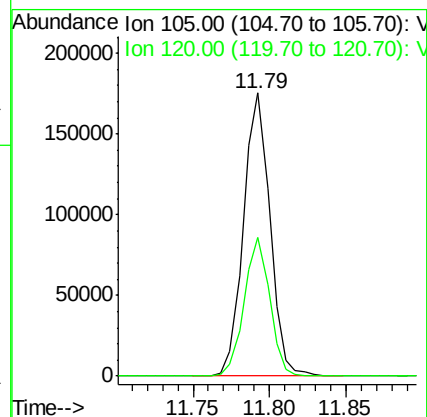
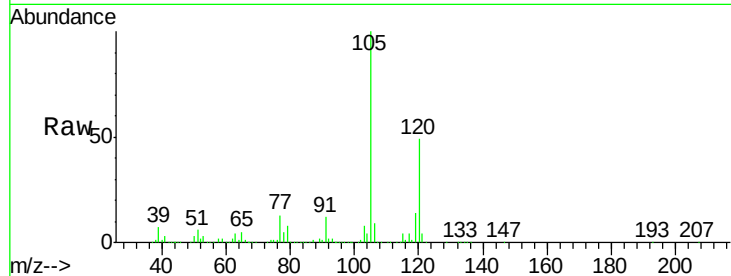




#84
 1,2,4-Trimethylbenzene
 Concen: 16.302 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017265.D
 Acq: 08 Jul 2020 18:52

Instrument :
 MSVOA_X
 ClientSampleId :
 E3-41-NHL

Tot Ion:105 Resp: 210350
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.9 68.5



#95
 Naphthalene
 Concen: 448.851 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017265.D
 Acq: 08 Jul 2020 18:52

Tgt Ion:128 Resp: 6663697
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.4
 129 11.4 8.7 13.1

