

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120319\
 Data File : VX013728.D
 Acq On : 03 Dec 2019 16:34
 Operator : JC/SP
 Sample : K5984-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191

Quant Time: Dec 04 00:37:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	674338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1026850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	904499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	416233	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	366901	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
35) Dibromofluoromethane	5.49	113	300815	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
50) Toluene-d8	8.71	98	1213039	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.14	95	411370	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	

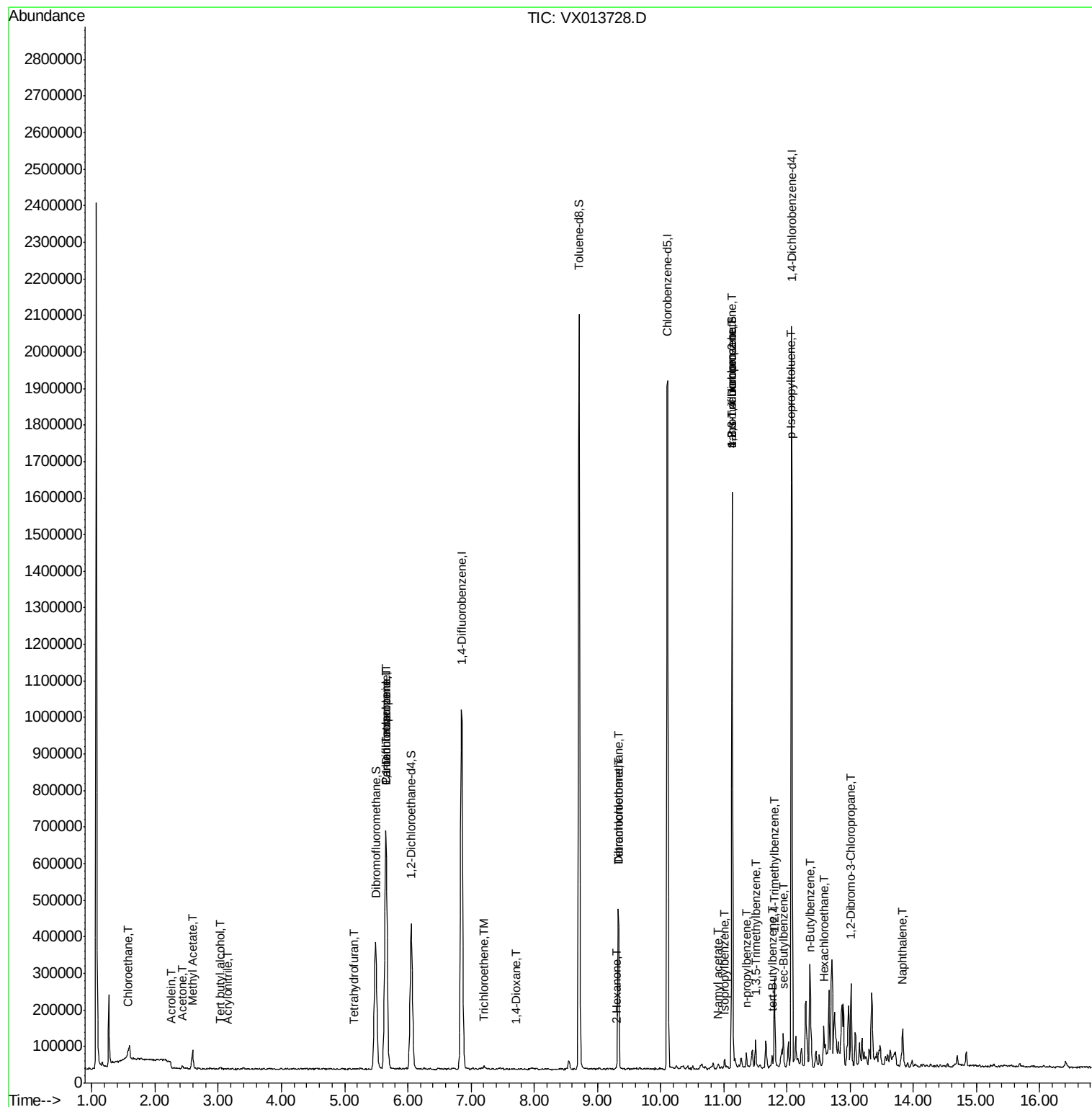
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.57	64	35989	6.672	ug/l #	47
11) Tert butyl alcohol	3.03	59	5052	2.615	ug/l	99
13) Acrolein	2.27	56	342	6.262	ug/l #	1
15) Acrylonitrile	3.14	53	1448	0.363	ug/l #	66
16) Acetone	2.43	43	11426	2.957	ug/l #	86
18) Methyl Acetate	2.59	43	13732	1.276	ug/l #	55
29) Tetrahydrofuran	5.14	42	865	0.244	ug/l #	37
36) 1,1-Dichloropropene	5.65	75	44550	4.779	ug/l #	52
38) Carbon Tetrachloride	5.65	117	57213	6.657	ug/l #	15
44) Trichloroethene	7.20	130	3651	0.469	ug/l	92
49) 1,4-Dioxane	7.73	88	290	1.549	ug/l #	1
59) 2-Hexanone	9.29	43	2896	0.343	ug/l	88
60) Dibromochloromethane	9.33	129	80413	10.902	ug/l #	11
64) Tetrachloroethene	9.33	164	93596	13.876	ug/l	97
73) Isopropylbenzene	11.01	105	13638	0.467	ug/l	94
74) N-amyl acetate	10.92	43	3354	0.251	ug/l #	39
76) 1,2,3-Trichloropropane	11.14	75	200459	21.412	ug/l #	39
78) n-propylbenzene	11.35	91	26706	0.819	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	33979	1.420	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.14	75	200459	58.581	ug/l #	11
83) tert-Butylbenzene	11.76	119	12250	0.504	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	109252	4.499	ug/l	100
85) sec-Butylbenzene	11.94	105	46570	1.676	ug/l #	72
86) p-Isopropyltoluene	12.06	119	13087	0.506	ug/l	87
89) n-Butylbenzene	12.38	91	20402	0.926	ug/l #	39
90) Hexachloroethane	12.58	117	6729	1.441	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.02	75	729	0.331	ug/l #	9
95) Naphthalene	13.83	128	70541	2.502	ug/l #	95

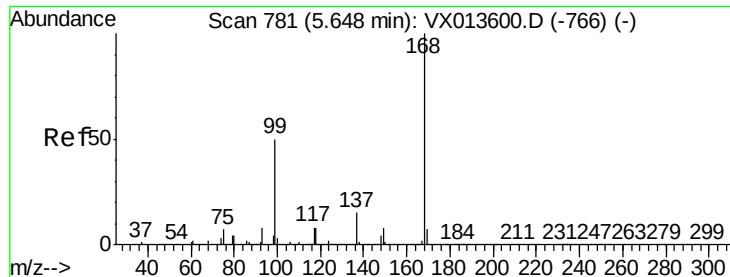
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120319\
Data File : VX013728.D
Acq On : 03 Dec 2019 16:34
Operator : JC/SP
Sample : K5984-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S39-0191

Quant Time: Dec 04 00:37:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

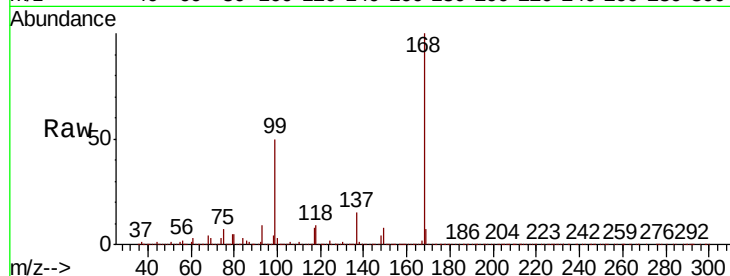
S39-0191

Tot Ion:168 Resp: 674338

Ion Ratio Lower Upper

168 100

99 49.6 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

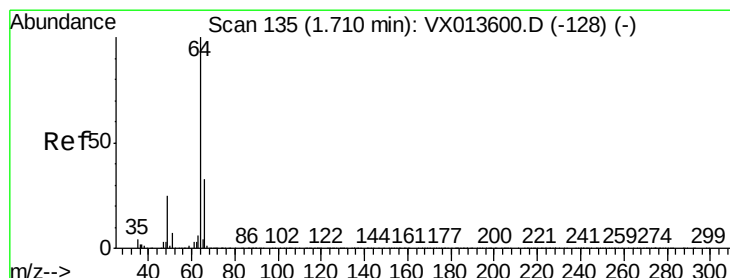
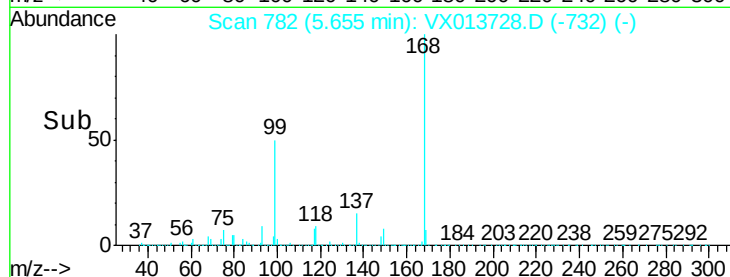
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 6.672 ug/l

RT: 1.57 min Scan# 112

Delta R.T. -0.14 min

Lab File: VX013728.D

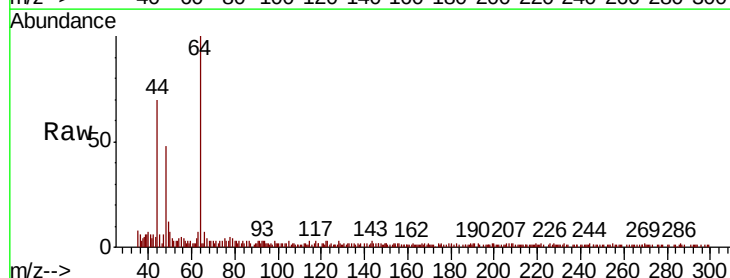
Acq: 03 Dec 2019 16:34

Tgt Ion: 64 Resp: 35989

Ion Ratio Lower Upper

64 100

66 3.0 26.7 40.1#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.57

12000

10000

8000

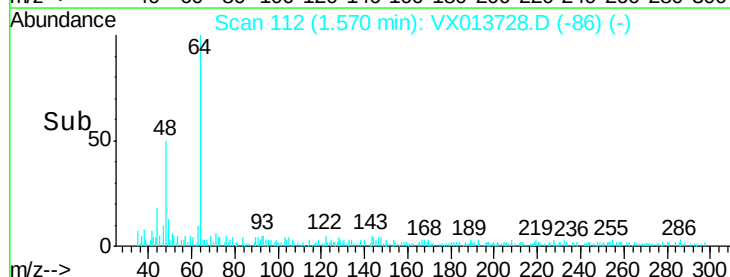
6000

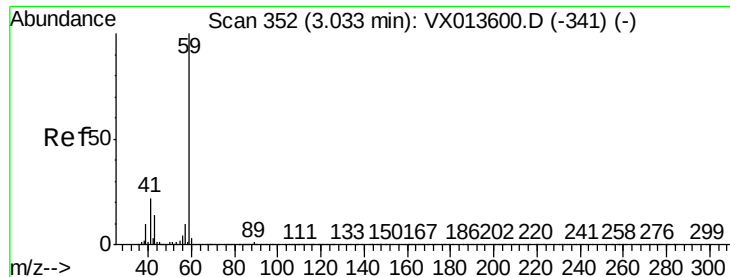
4000

2000

0

Time-->



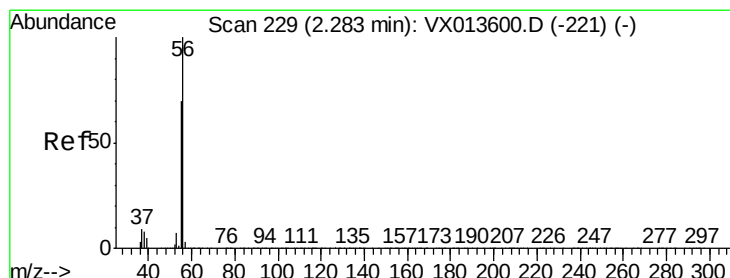
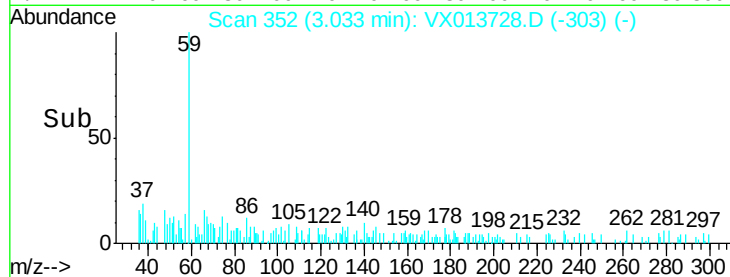
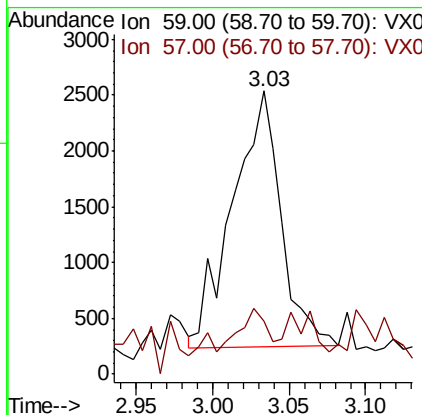
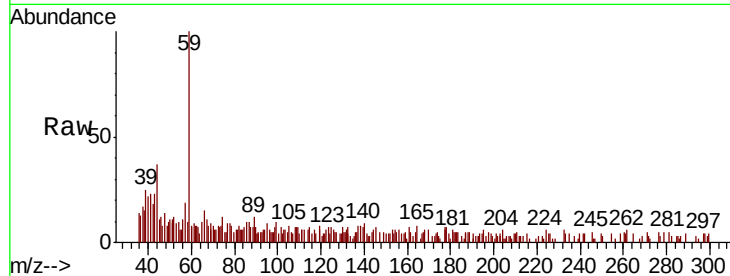


#11

Tert butyl alcohol
Concen: 2.615 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

Instrument :
MSVOA_X
ClientSampleId :
S39-0191

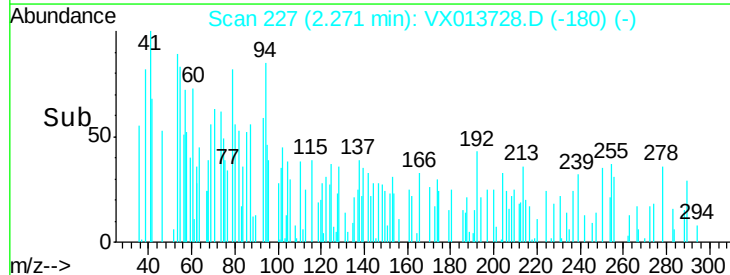
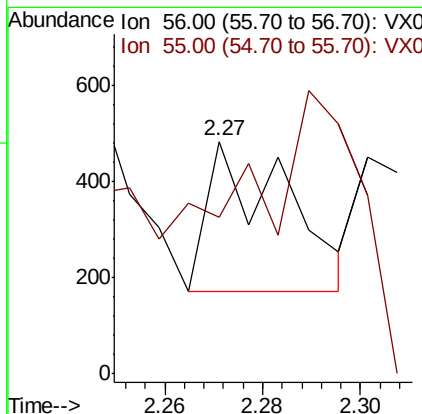
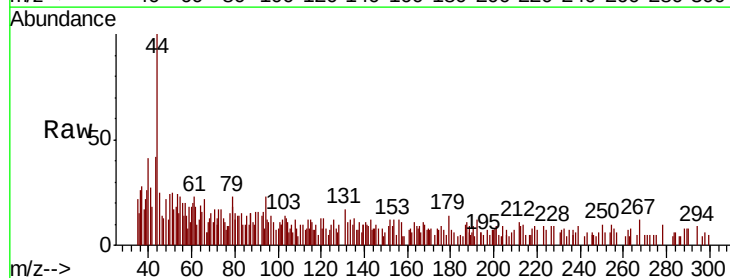
Tot Ion: 59 Resp: 5052
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.6

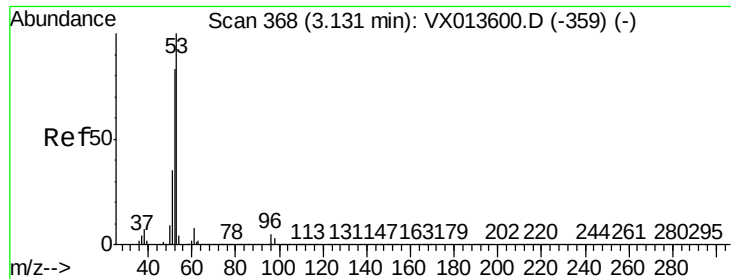


#13

Acrolein
Concen: 6.262 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 235.7 56.2 84.4#





#15

Acrylonitrile

Concen: 0.363 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

S39-0191

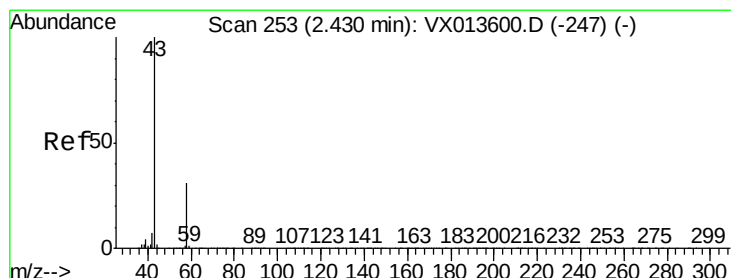
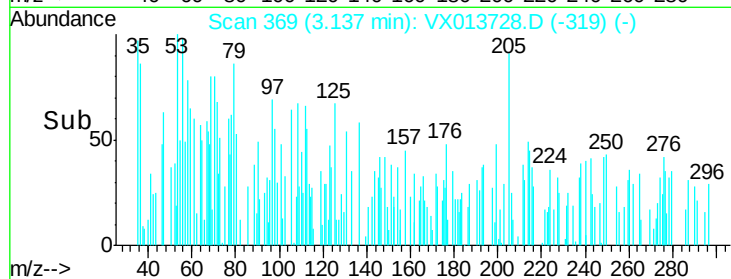
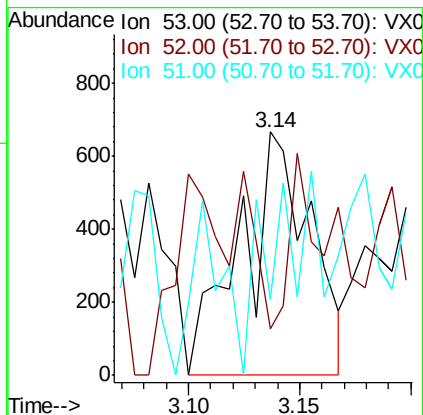
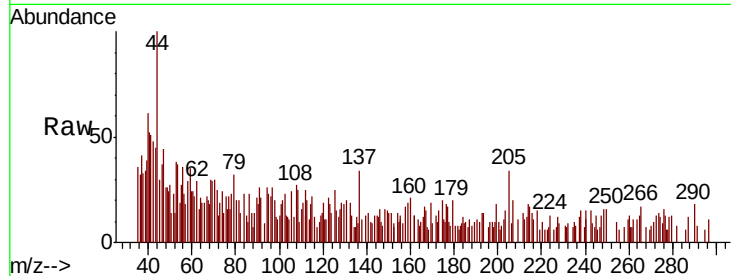
Tot Ion: 53 Resp: 1448

Ion Ratio Lower Upper

53 100

52 39.4 66.2 99.2#

51 36.1 29.0 43.6



#16

Acetone

Concen: 2.957 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013728.D

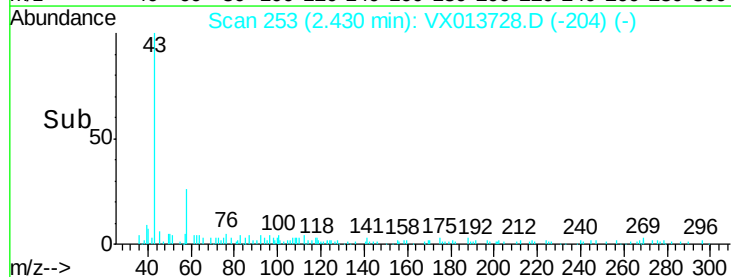
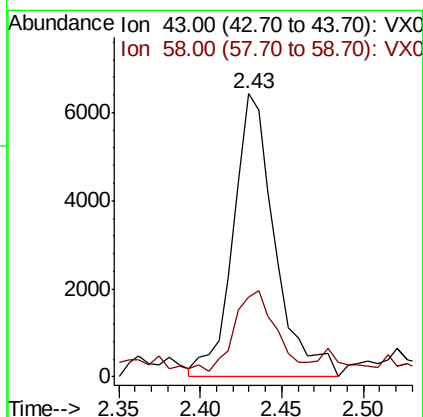
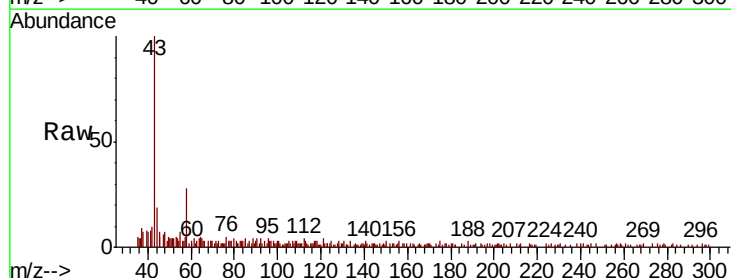
Acq: 03 Dec 2019 16:34

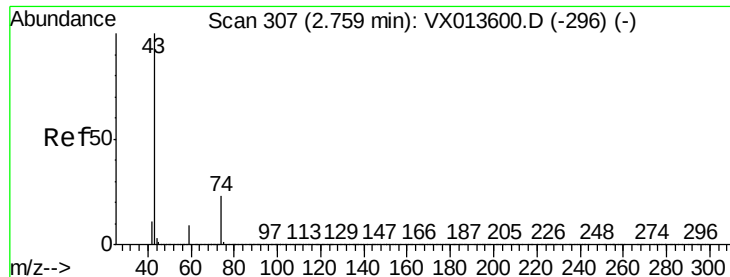
Tgt Ion: 43 Resp: 11426

Ion Ratio Lower Upper

43 100

58 23.0 24.6 36.8#

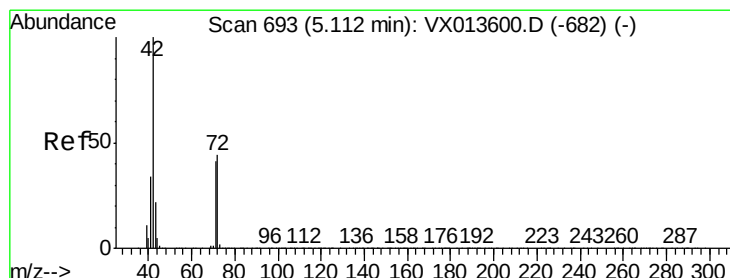
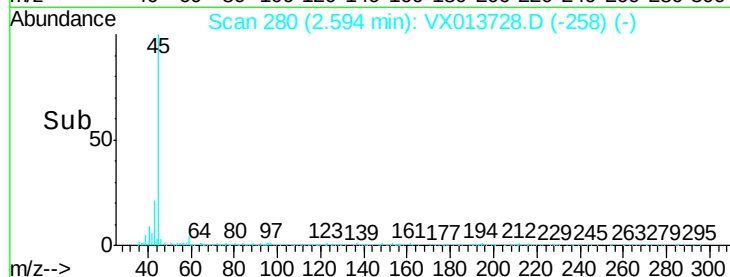
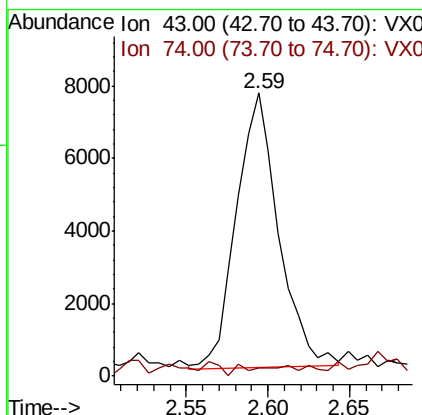
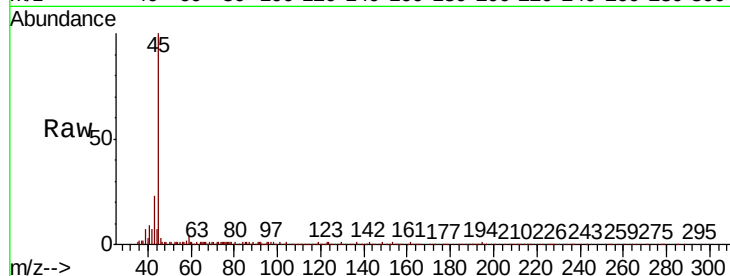




#18
Methvl Acetate
Concen: 1.276 ug/l
RT: 2.59 min Scan# 280
Delta R.T. -0.16 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

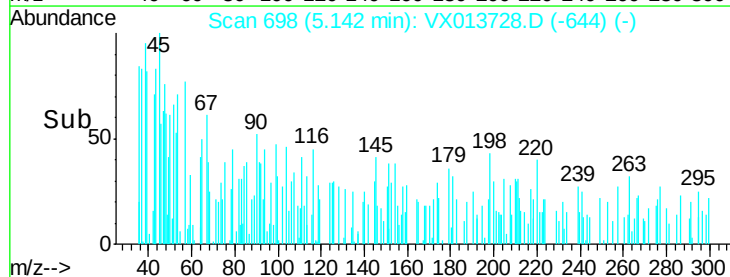
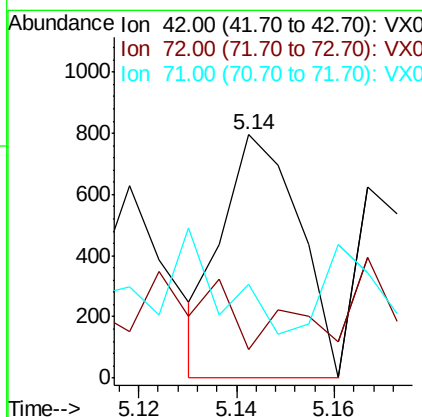
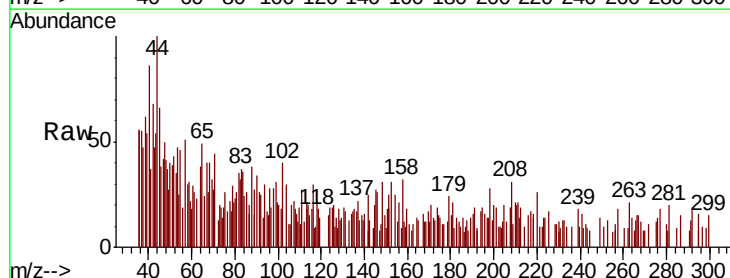
Instrument :
MSVOA_X
ClientSampled :
S39-0191

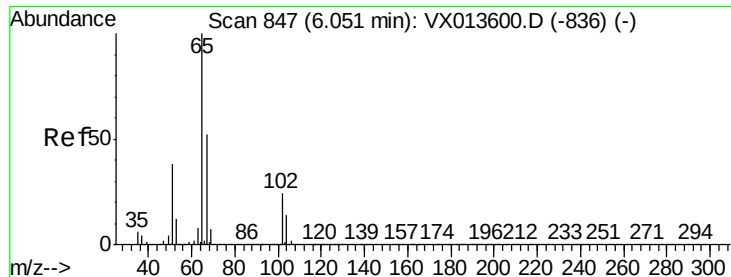
Tot Ion: 43 Resp: 13732
Ion Ratio Lower Upper
43 100
74 1.8 19.5 29.3#



#29
Tetrahydrofuran
Concen: 0.244 ug/l
RT: 5.14 min Scan# 698
Delta R.T. 0.03 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

Tgt Ion: 42 Resp: 865
Ion Ratio Lower Upper
42 100
72 20.2 36.3 54.5#
71 97.5 33.2 49.8#

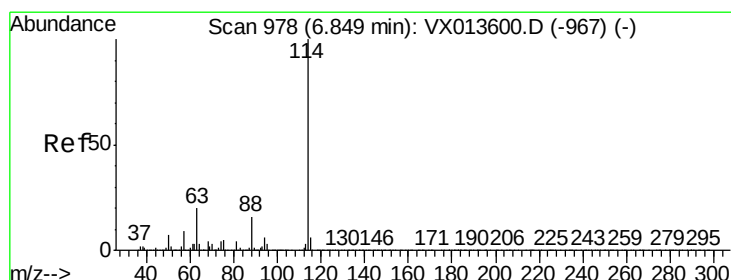
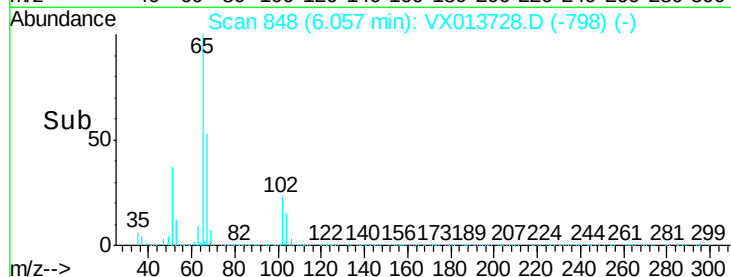
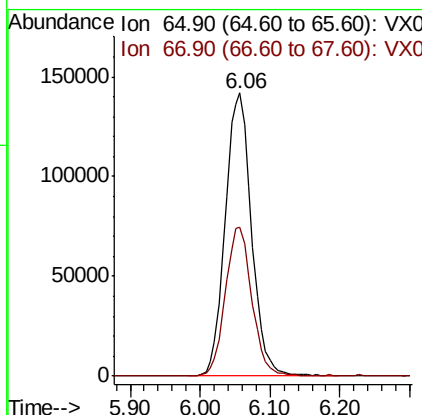
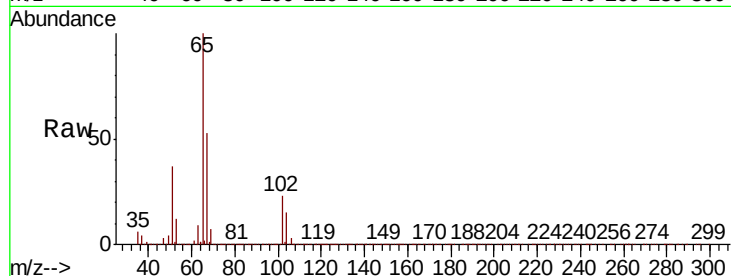




#33
 1,2-Dichloroethane-d4
 Concen: 46.873 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

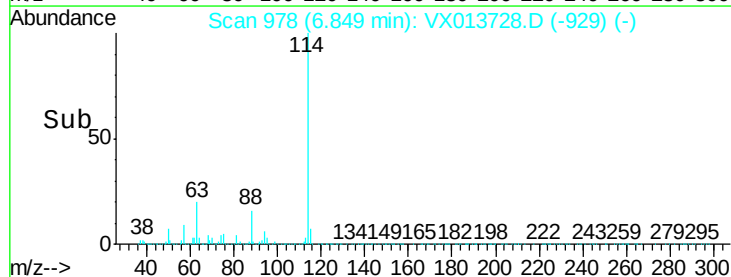
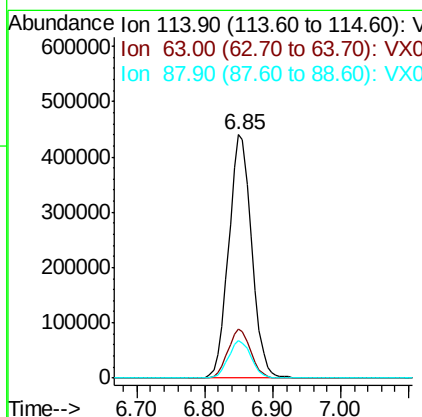
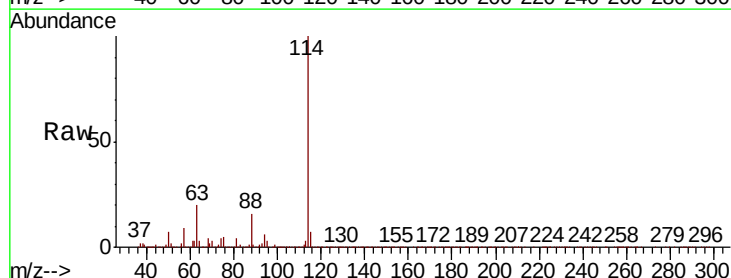
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191

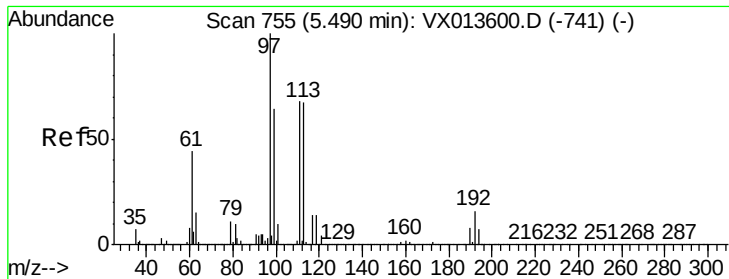
Tot Ion: 65 Resp: 366901
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

Tgt Ion: 114 Resp: 1026850
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.387 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

S39-0191

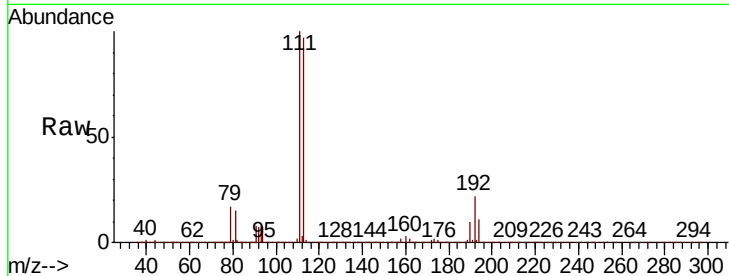
Tot Ion:113 Resp: 300815

Ion Ratio Lower Upper

113 100

111 103.3 83.6 125.4

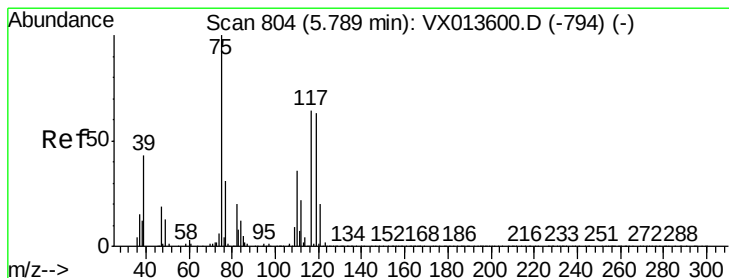
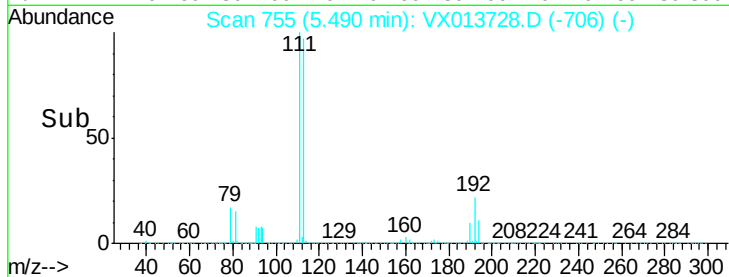
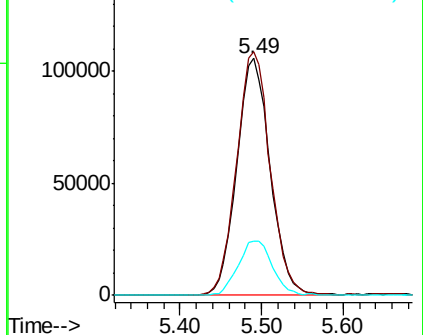
192 23.5 19.2 28.8



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



#36

1,1-Dichloropropene

Concen: 4.779 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

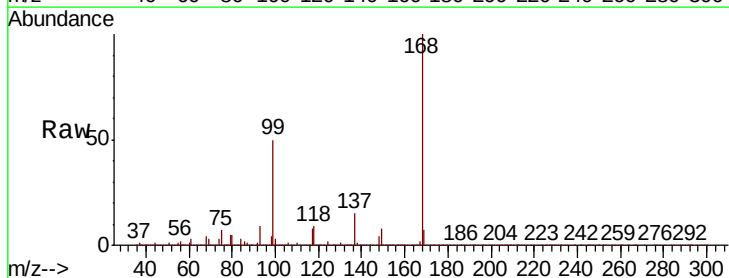
Tgt Ion: 75 Resp: 44550

Ion Ratio Lower Upper

75 100

110 11.1 18.1 54.1#

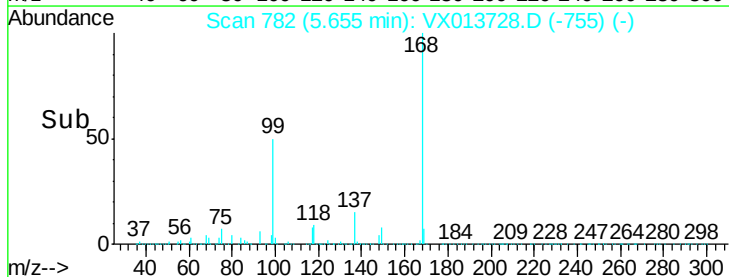
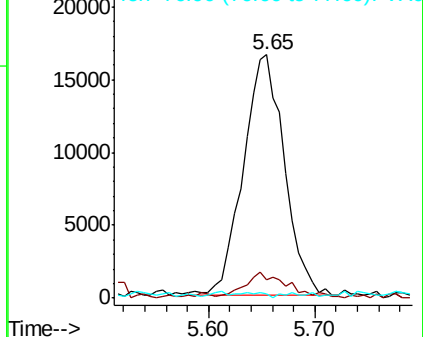
77 1.4 24.5 36.7#

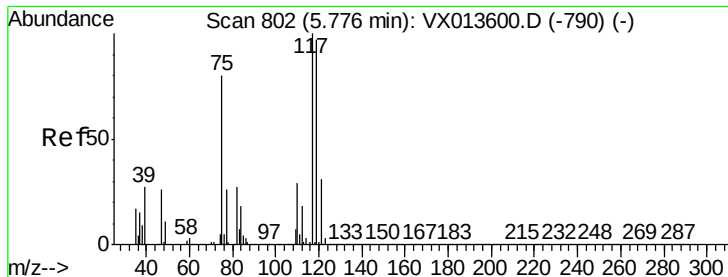


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.657 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

S39-0191

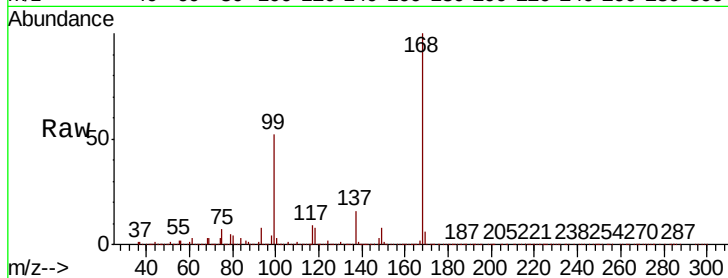
Tot Ion:117 Resp: 57213

Ion Ratio Lower Upper

117 100

119 4.4 77.5 116.3#

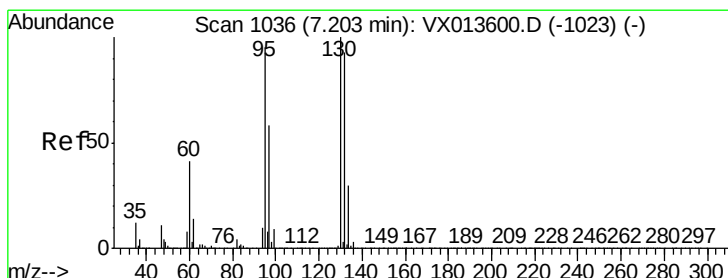
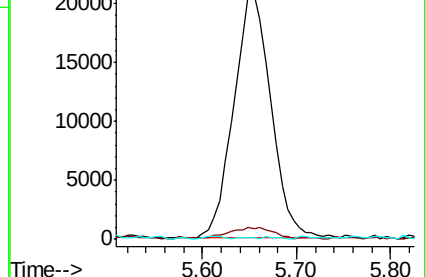
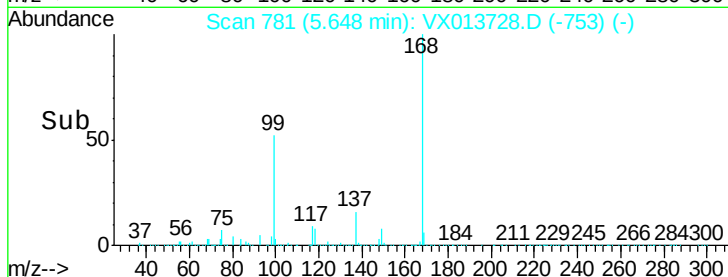
121 0.4 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 0.469 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013728.D

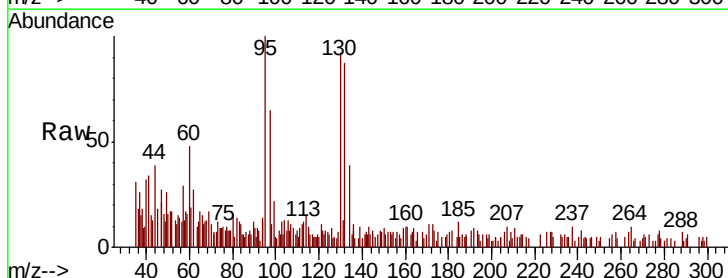
Acq: 03 Dec 2019 16:34

Tgt Ion:130 Resp: 3651

Ion Ratio Lower Upper

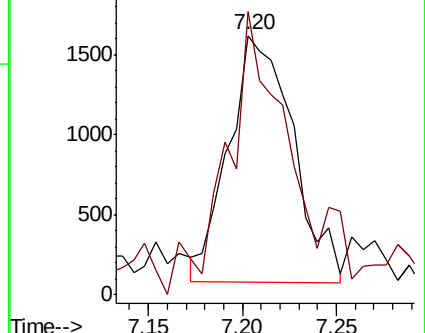
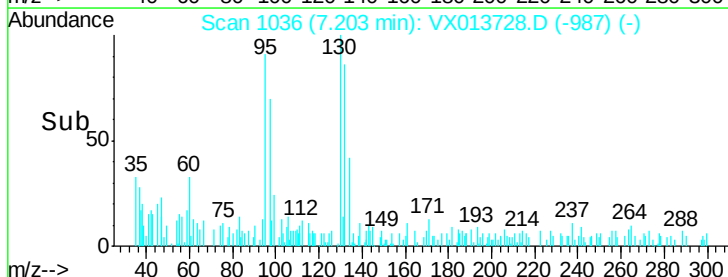
130 100

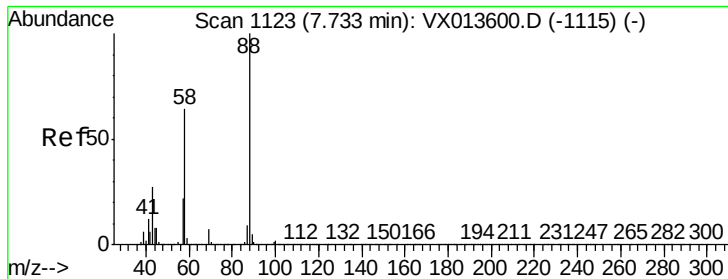
95 103.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#49

1,4-Dioxane

Concen: 1.549 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

S39-0191

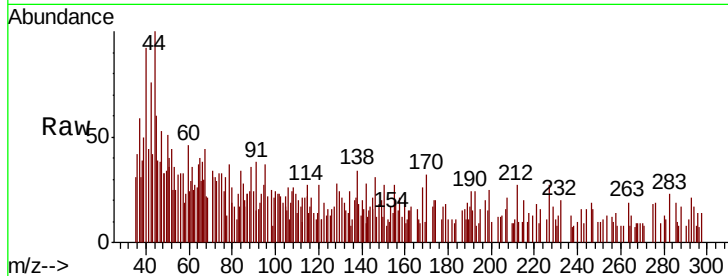
Tot Ion: 88 Resp: 290

Ion Ratio Lower Upper

88 100

43 266.9 25.8 38.6#

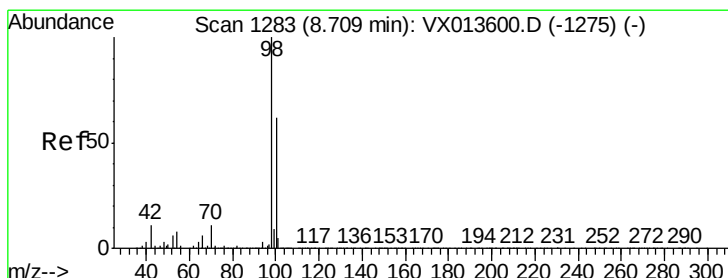
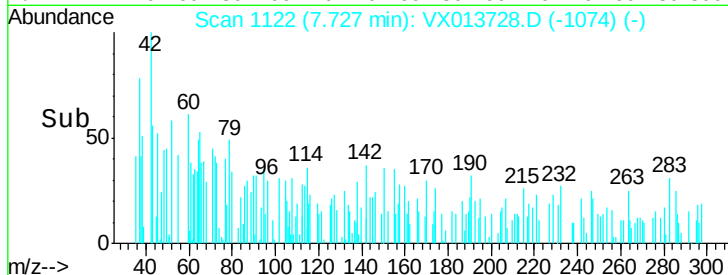
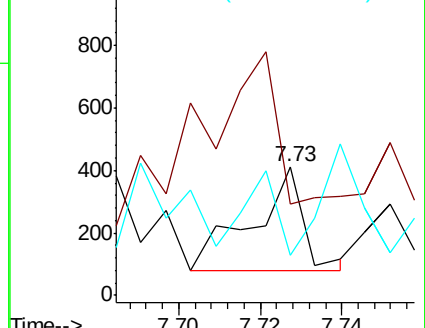
58 51.0 54.6 82.0#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.045 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013728.D

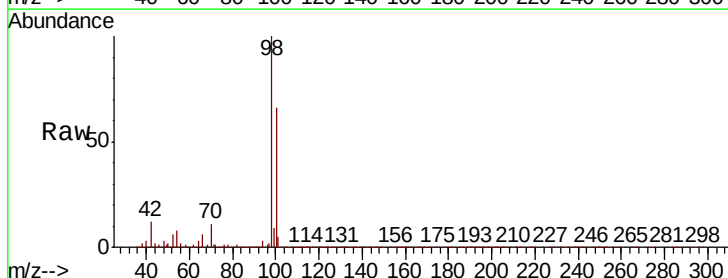
Acq: 03 Dec 2019 16:34

Tgt Ion: 98 Resp: 1213039

Ion Ratio Lower Upper

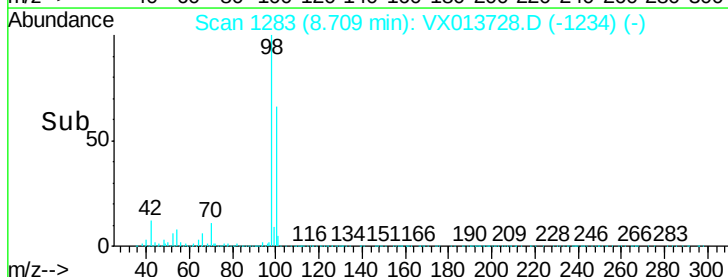
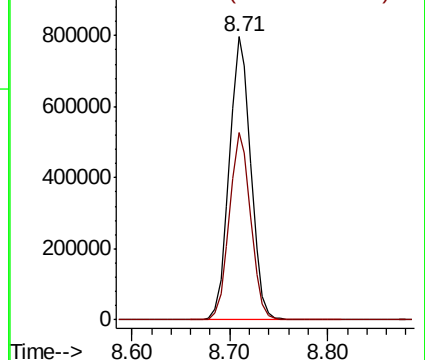
98 100

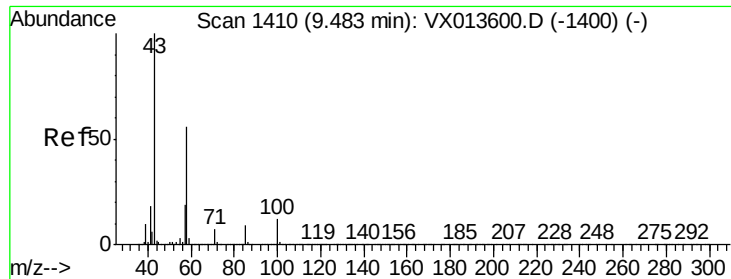
100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

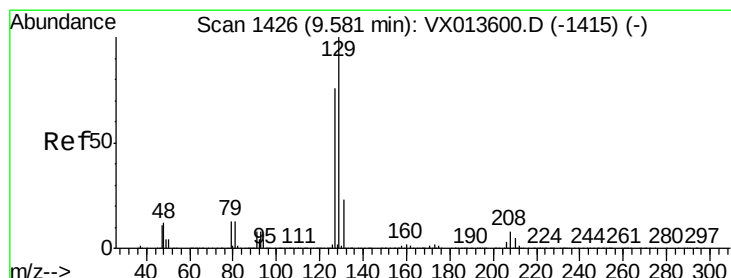
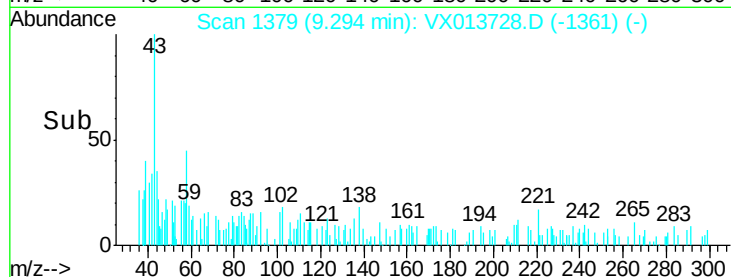
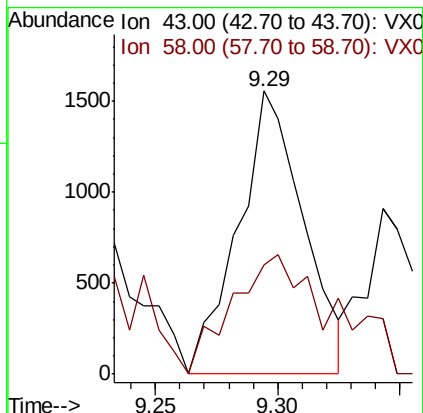
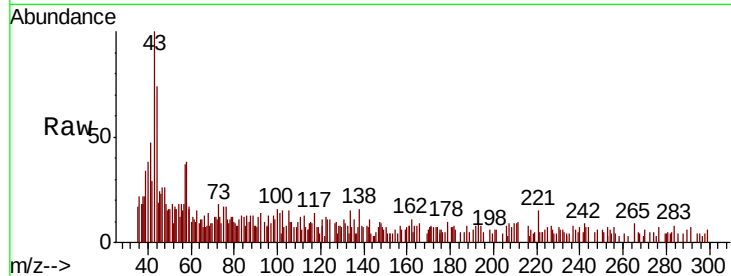




#59
2-Hexanone
Concen: 0.343 ug/l
RT: 9.29 min Scan# 1379
Delta R.T. -0.19 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

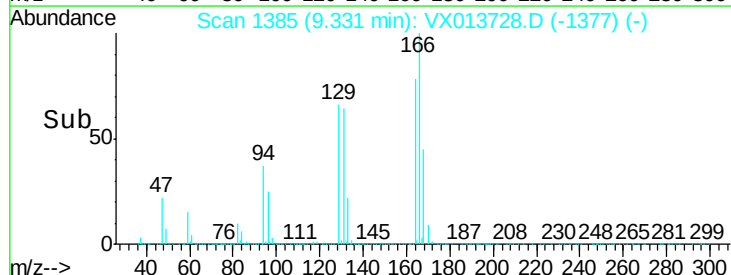
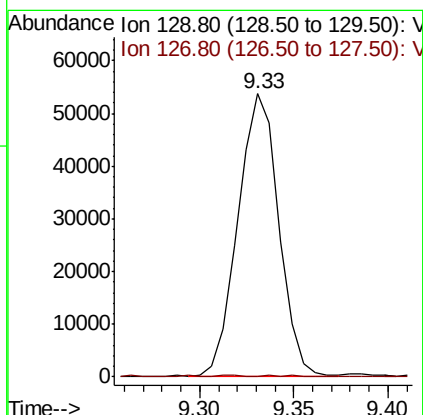
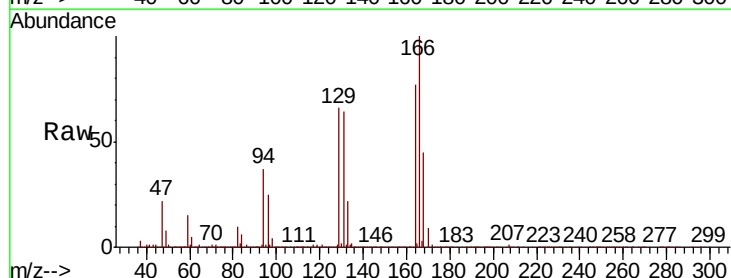
Instrument :
MSVOA_X
ClientSampleId :
S39-0191

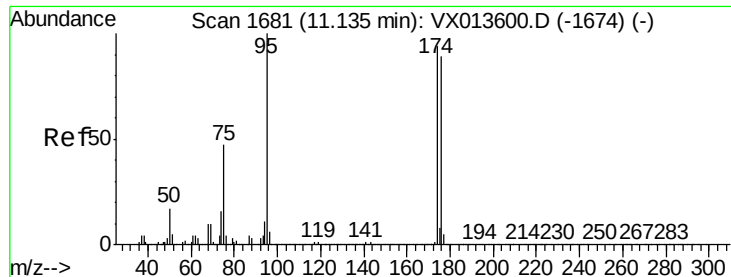
Tot Ion: 43 Resp: 2896
Ion Ratio Lower Upper
43 100
58 65.2 28.1 84.4



#60
Dibromochloromethane
Concen: 10.902 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX013728.D
Acq: 03 Dec 2019 16:34

Tgt Ion: 129 Resp: 80413
Ion Ratio Lower Upper
129 100
127 0.3 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 46.124 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

S39-0191

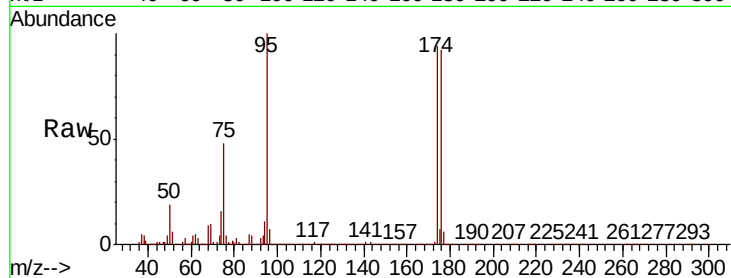
Tot Ion: 95 Resp: 411370

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.0

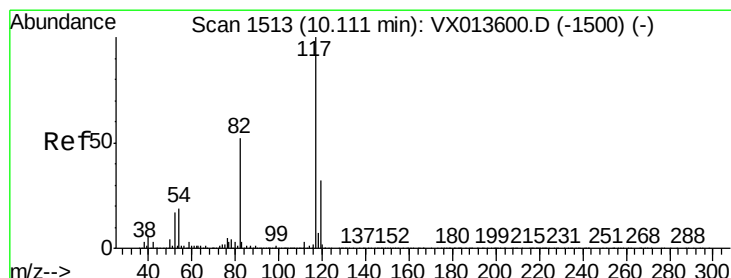
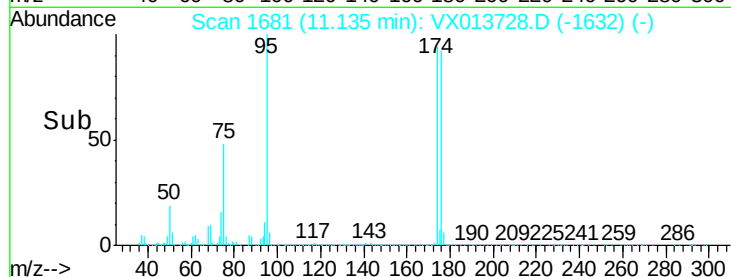
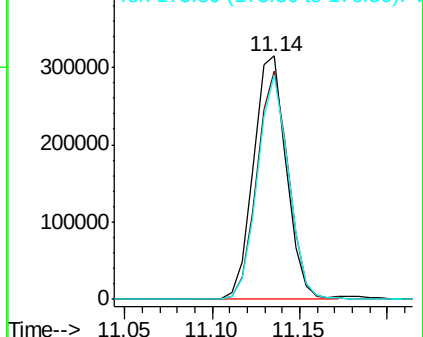
176 87.8 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013728.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013728.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013728.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

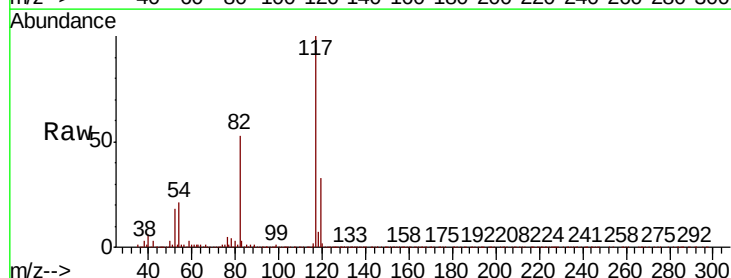
Tgt Ion: 117 Resp: 904499

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

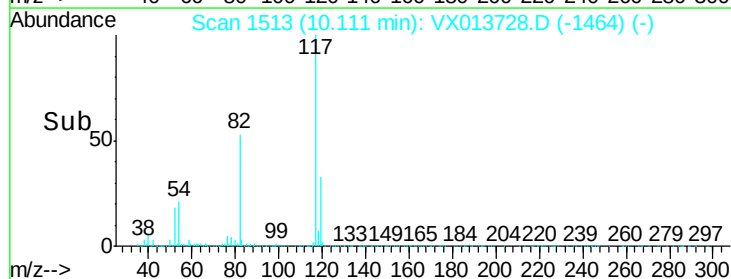
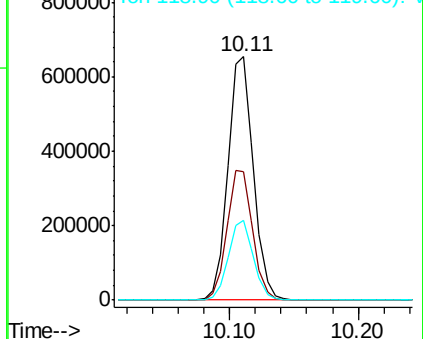
119 33.0 25.8 38.8

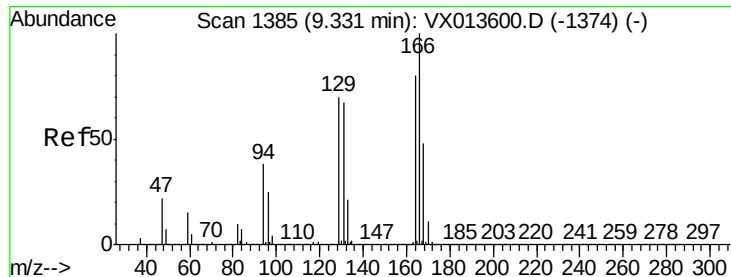


Abundance Ion 116.90 (116.60 to 117.60): VX013728.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013728.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013728.D (-1464) (-)





#64

Tetrachloroethene

Concen: 13.876 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

S39-0191

Tot Ion:164 Resp: 93596

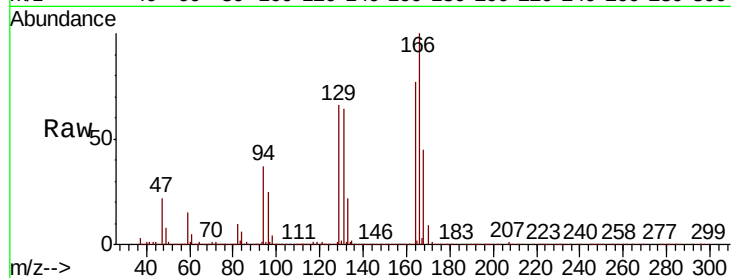
Ion Ratio Lower Upper

164 100

166 128.9 99.7 149.5

129 84.5 70.1 105.1

131 83.0 66.9 100.3

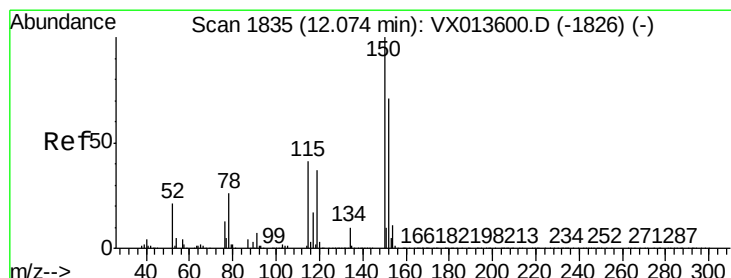
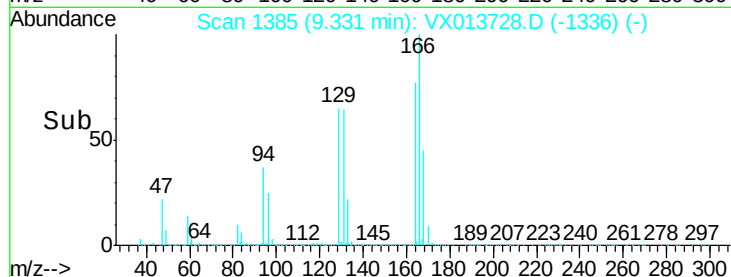
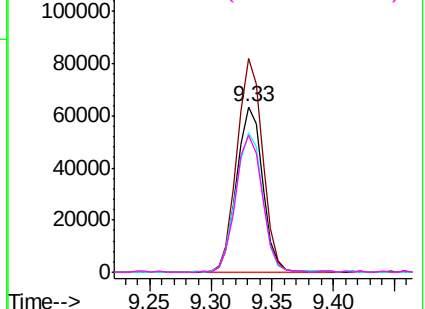


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

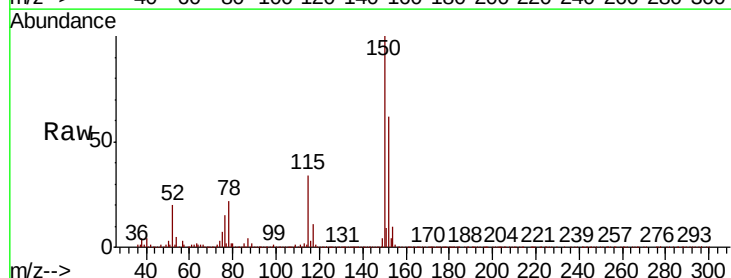
Tgt Ion:152 Resp: 416233

Ion Ratio Lower Upper

152 100

115 54.7 38.4 115.1

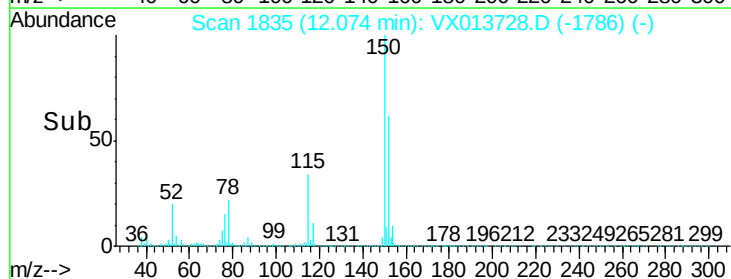
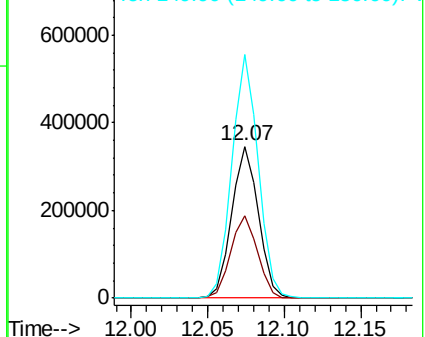
150 158.8 0.0 346.8

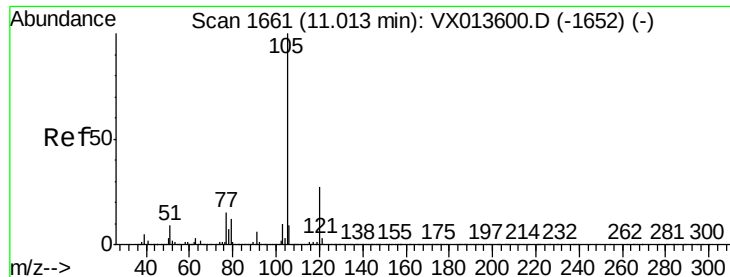


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.467 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

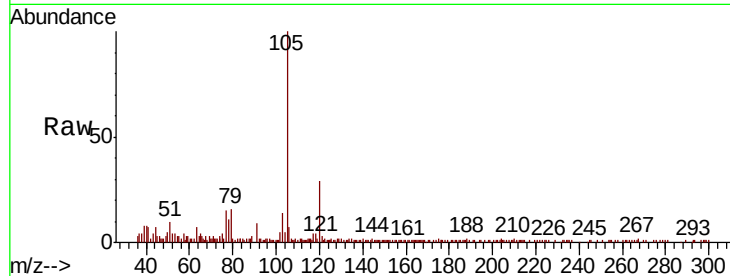
S39-0191

Tot Ion:105 Resp: 13638

Ion Ratio Lower Upper

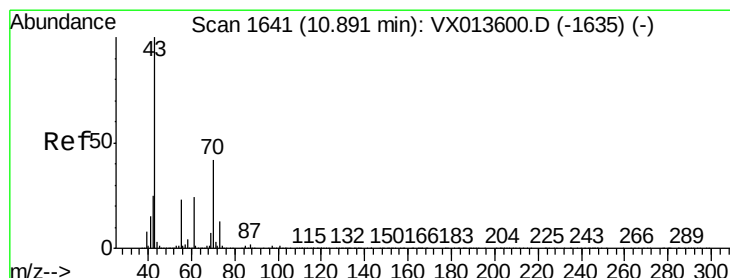
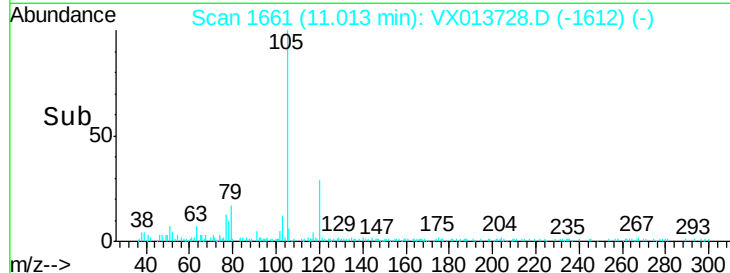
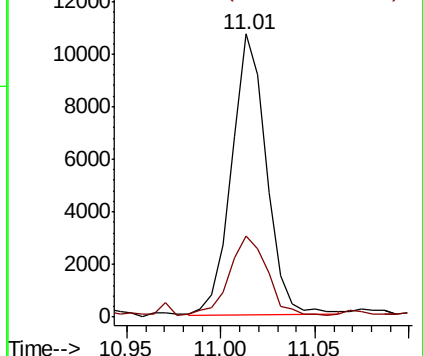
105 100

120 30.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.251 ug/l

RT: 10.92 min Scan# 1646

Delta R.T. 0.03 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Tgt Ion: 43 Resp: 3354

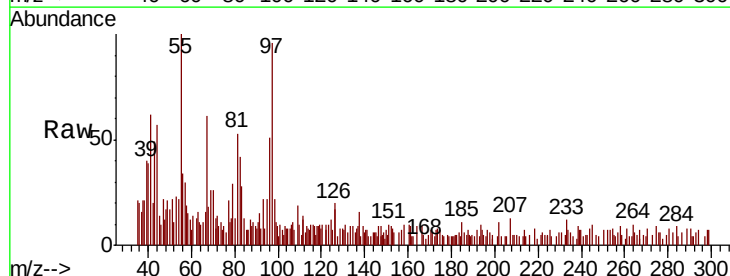
Ion Ratio Lower Upper

43 100

70 18.2 34.3 51.5#

55 79.0 18.5 27.7#

61 0.0 19.8 29.8#

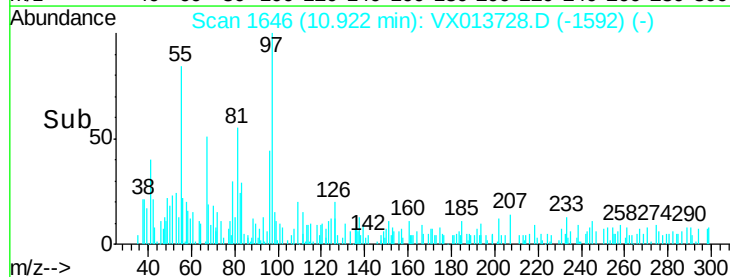
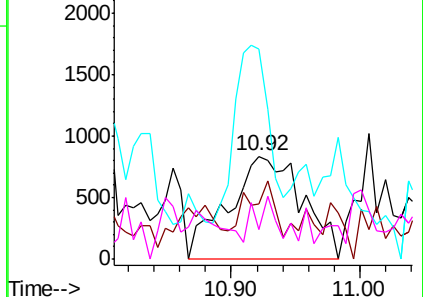


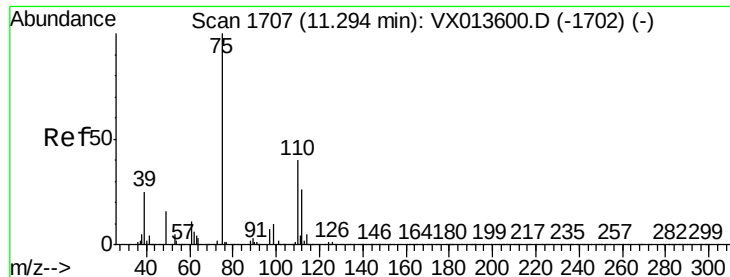
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 21.412 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampleId :

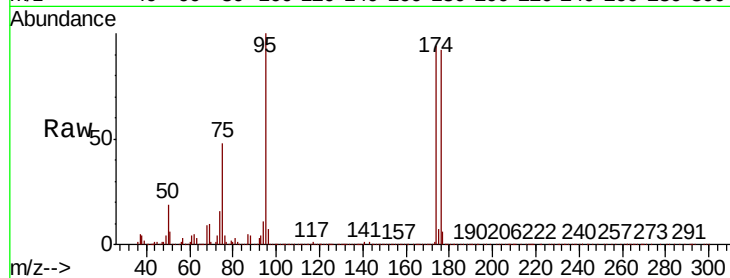
S39-0191

Tot Ion: 75 Resp: 200459

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

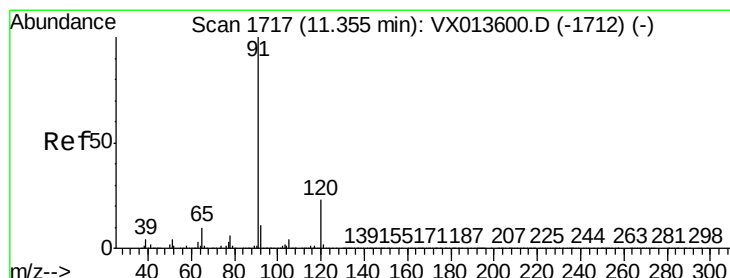
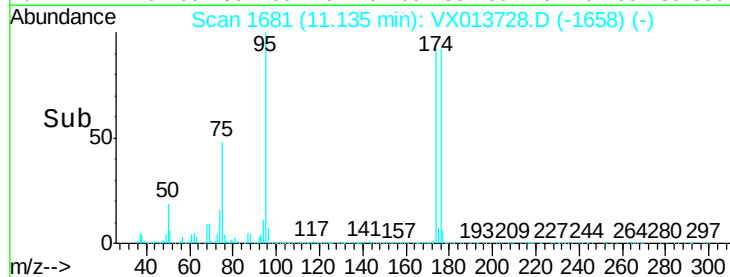
150000

100000

50000

0

Time-->



#78

n-propylbenzene

Concen: 0.819 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013728.D

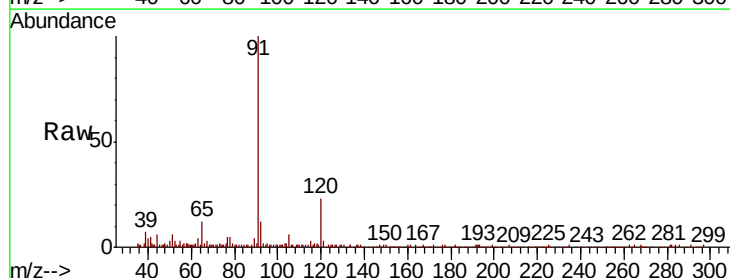
Acq: 03 Dec 2019 16:34

Tgt Ion: 91 Resp: 26706

Ion Ratio Lower Upper

91 100

120 25.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

25000

20000

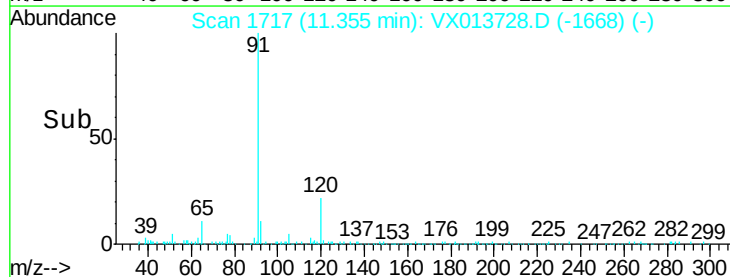
15000

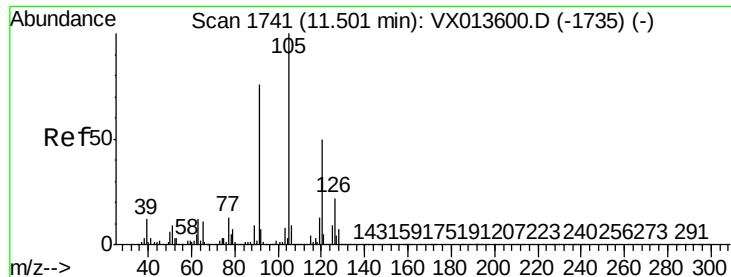
10000

5000

0

Time-->





#80

1,3,5-Trimethylbenzene

Concen: 1.420 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

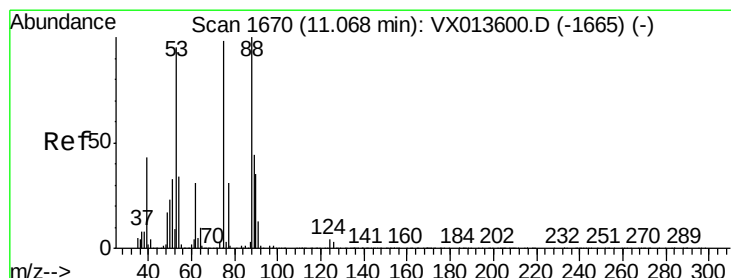
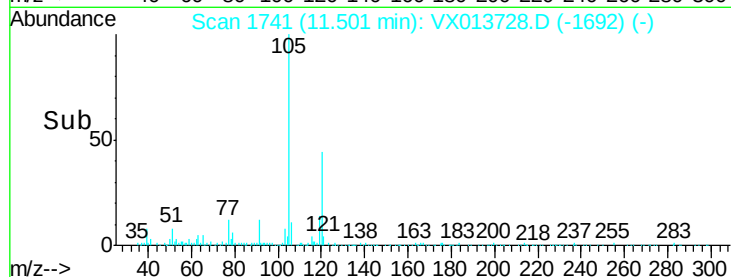
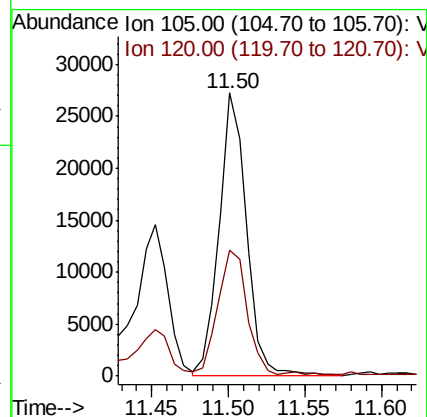
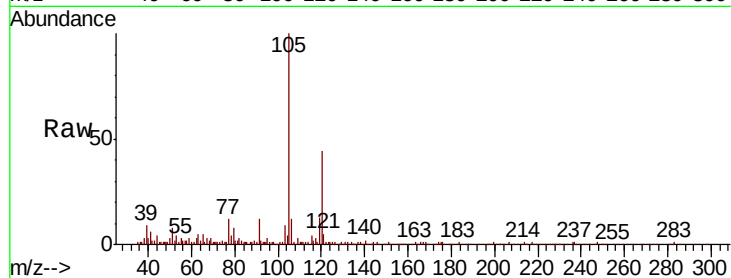
S39-0191

Tot Ion:105 Resp: 33979

Ion Ratio Lower Upper

105 100

120 45.5 25.3 75.9



#81

trans-1,4-Dichloro-2-butene

Concen: 58.581 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

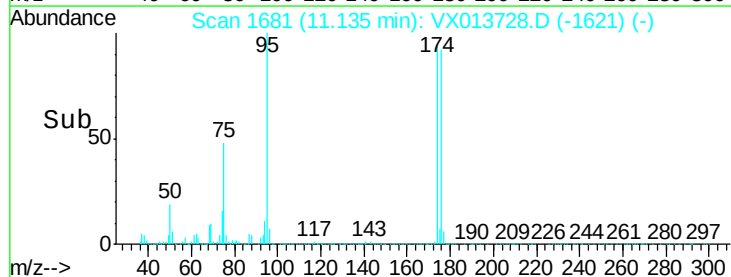
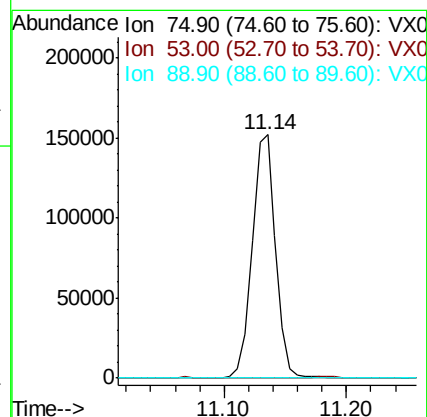
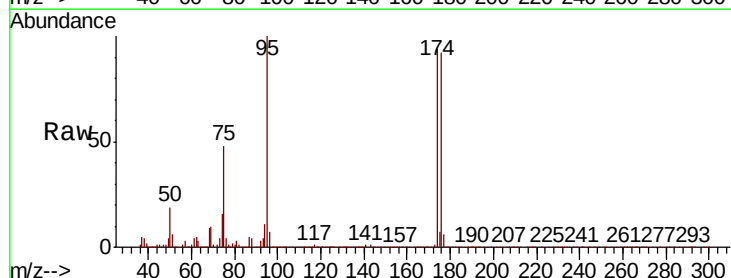
Tgt Ion: 75 Resp: 200459

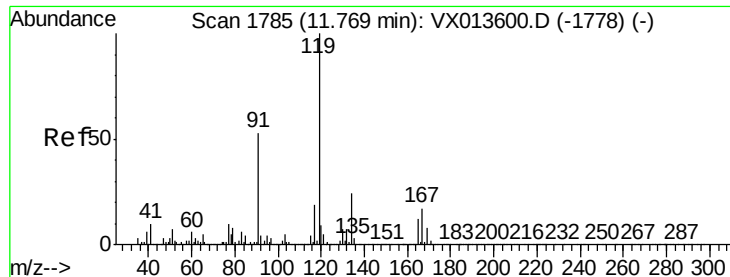
Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.2#

89 0.2 35.4 53.2#

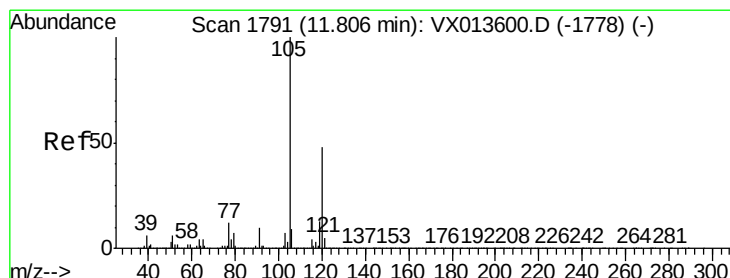
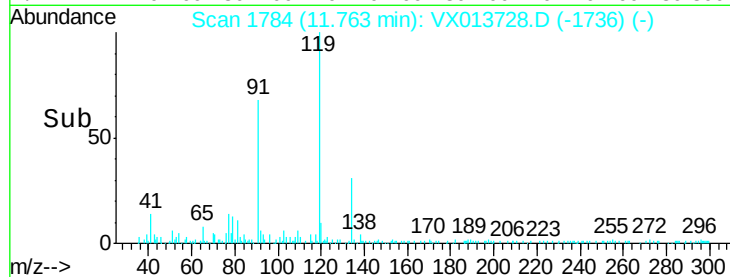
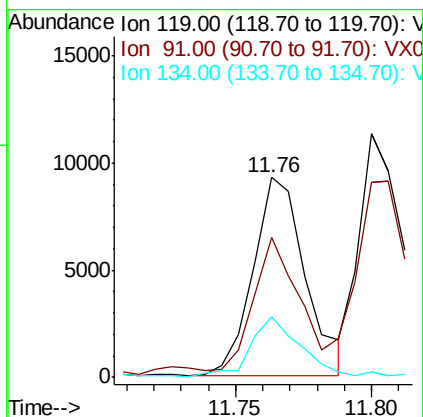
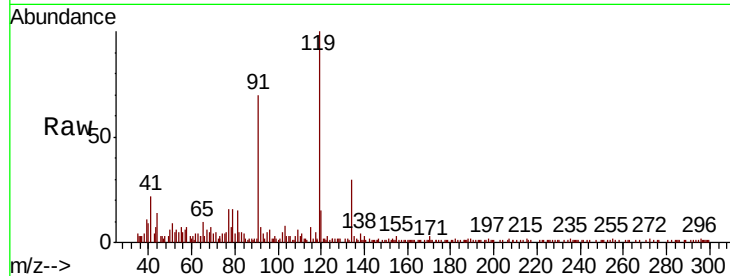




#83
 tert-Butylbenzene
 Concen: 0.504 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

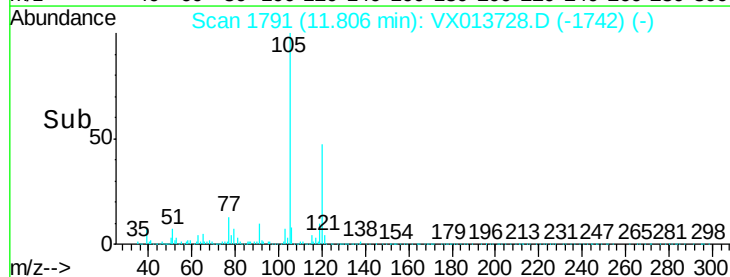
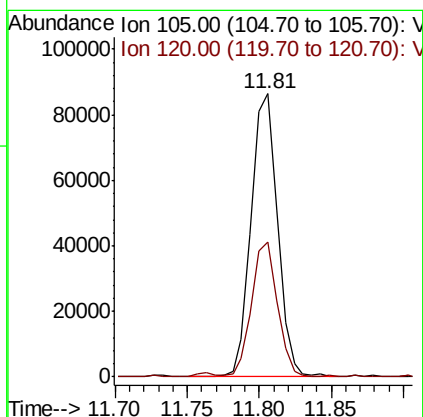
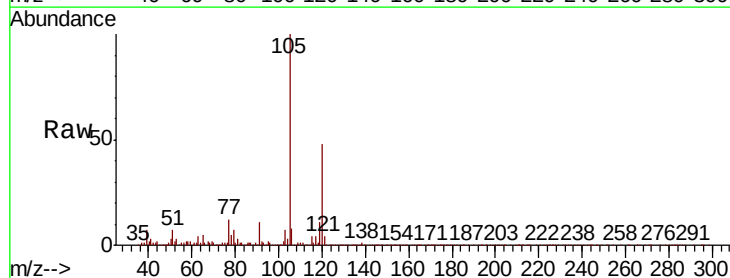
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191

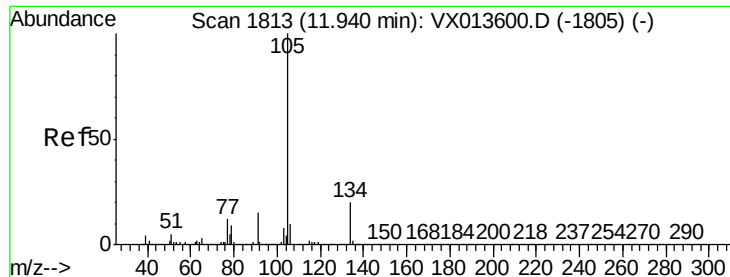
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	27.2	81.6
134	30.4	11.7	35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.499 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.1	69.3

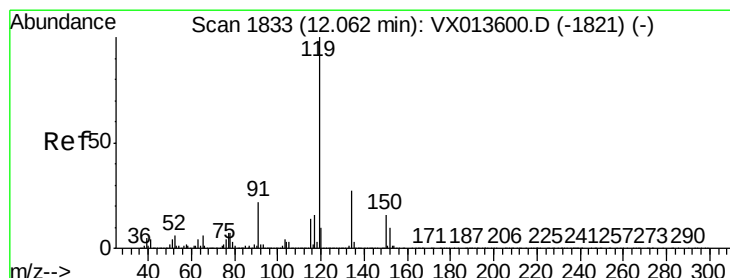
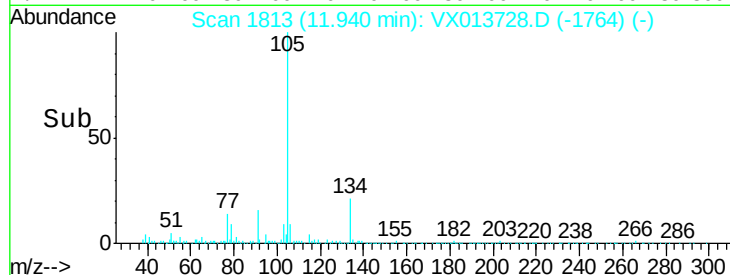
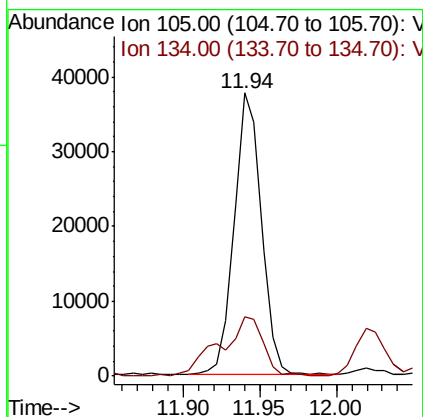
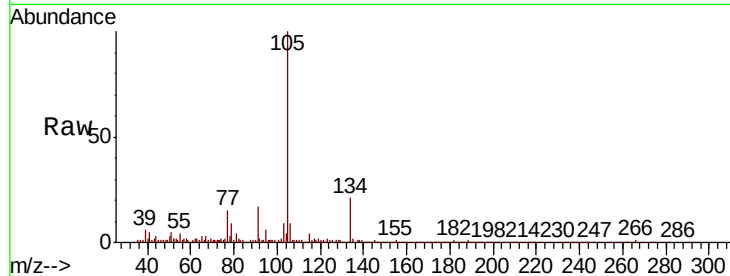




#85
 sec-Butylbenzene
 Concen: 1.676 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

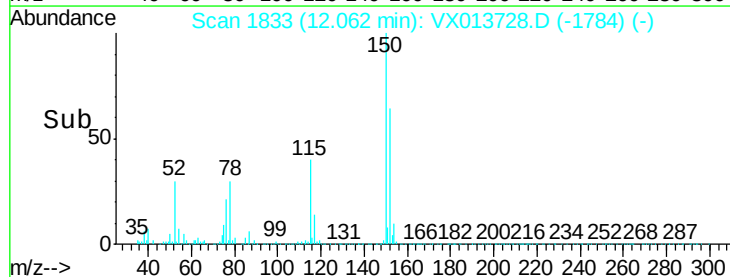
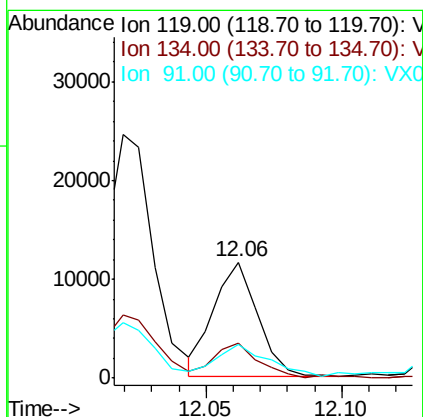
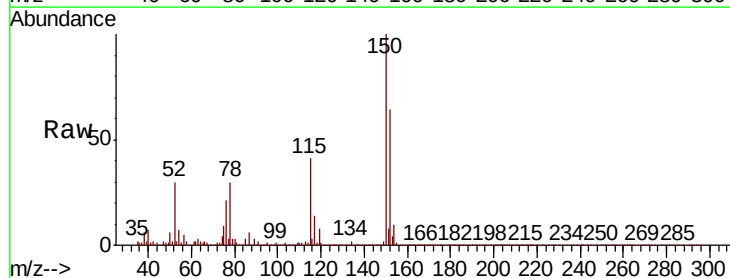
Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191

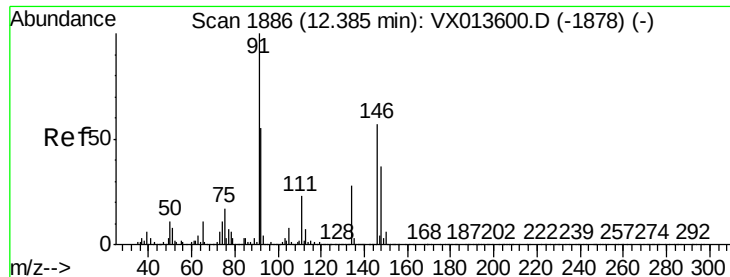
Tot Ion:105 Resp: 46570
 Ion Ratio Lower Upper
 105 100
 134 33.9 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 0.506 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013728.D
 Acq: 03 Dec 2019 16:34

Tgt Ion:119 Resp: 13087
 Ion Ratio Lower Upper
 119 100
 134 30.9 13.3 39.9
 91 31.9 11.3 33.8





#89

n-Butylbenzene

Concen: 0.926 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

S39-0191

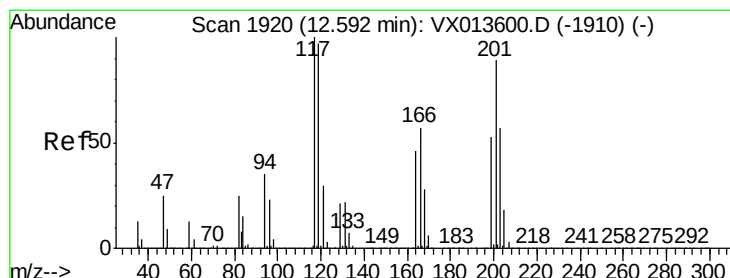
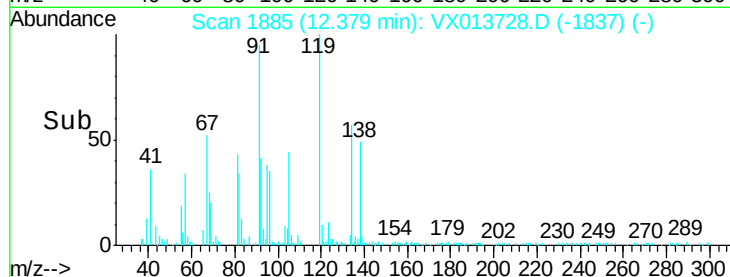
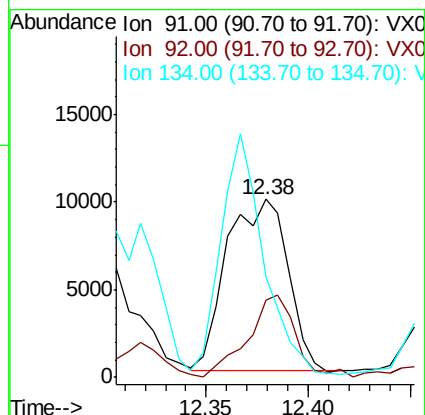
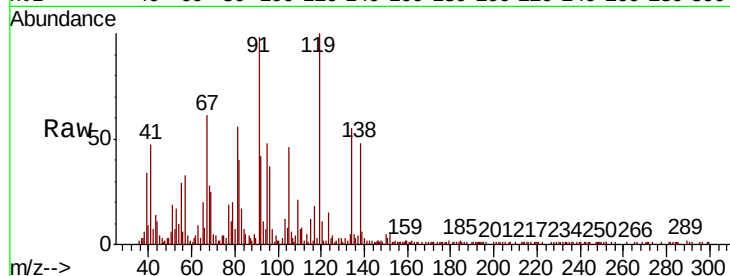
Tot Ion: 91 Resp: 20402

Ion Ratio Lower Upper

91 100

92 37.3 27.4 82.2

134 96.6 13.5 40.4#



#90

Hexachloroethane

Concen: 1.441 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX013728.D

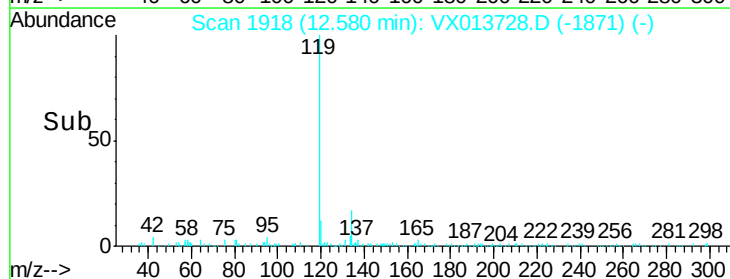
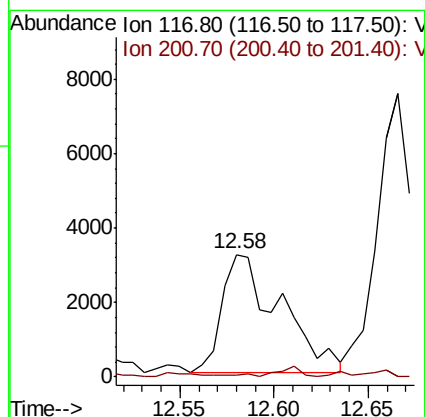
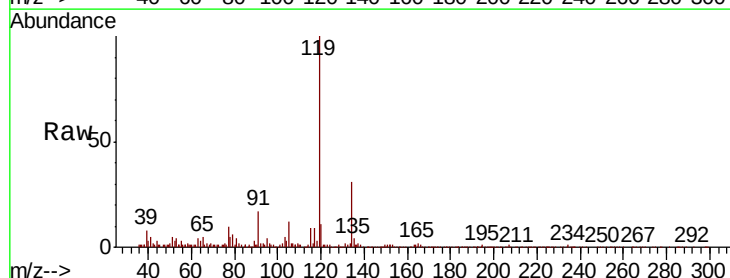
Acq: 03 Dec 2019 16:34

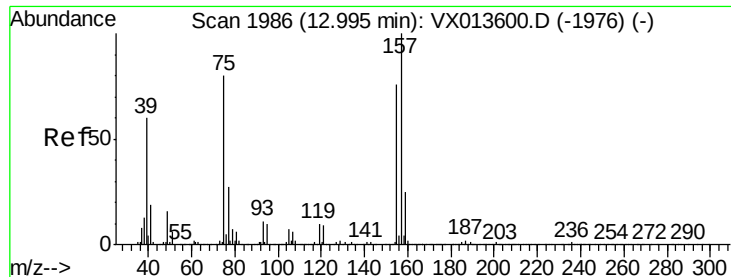
Tgt Ion: 117 Resp: 6729

Ion Ratio Lower Upper

117 100

201 1.2 44.1 132.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.331 ug/l

RT: 13.02 min Scan# 1990

Delta R.T. 0.02 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

Instrument :

MSVOA_X

ClientSampled :

S39-0191

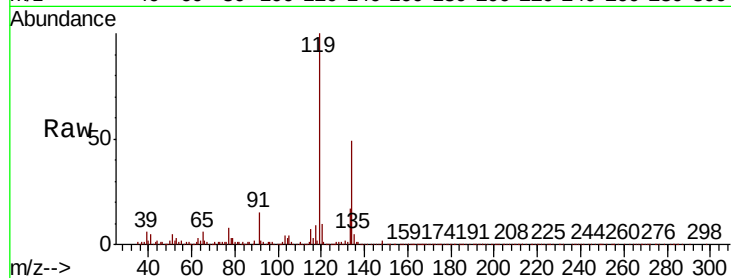
Tot Ion: 75 Resp: 729

Ion Ratio Lower Upper

75 100

155 14.3 47.6 142.8#

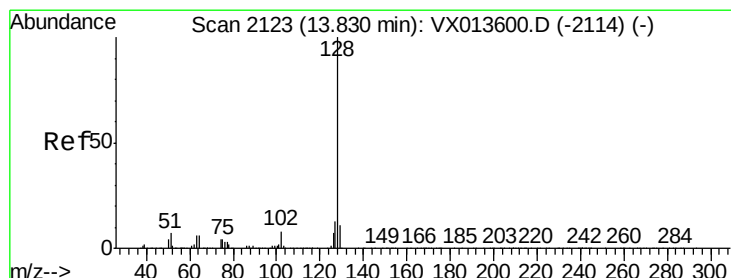
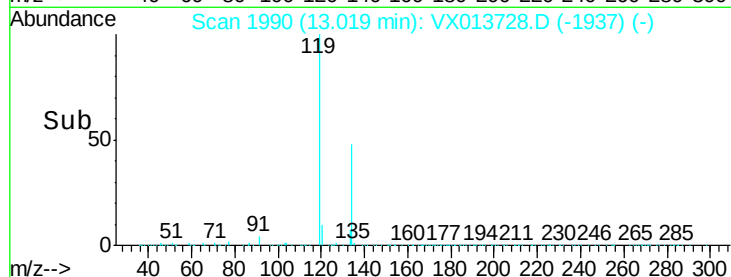
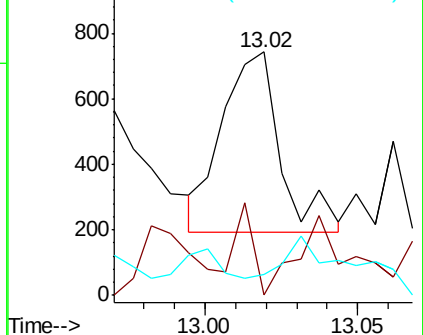
157 14.0 62.1 186.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 2.502 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013728.D

Acq: 03 Dec 2019 16:34

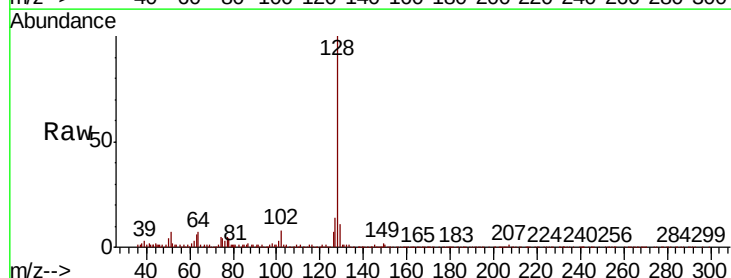
Tgt Ion: 128 Resp: 70541

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 13.5 8.7 13.1#



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

