

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101419\
 Data File : VX013046.D
 Acq On : 14 Oct 2019 12:59
 Operator : JC/SP
 Sample : K5313-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-7338B

Quant Time: Oct 15 01:24:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287988	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96848	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	109096	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
35) Dibromofluoromethane	5.49	113	86559	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
50) Toluene-d8	8.71	98	339056	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	11.14	95	113355	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1173	0.587	ug/l	99
4) Vinyl Chloride	1.40	62	119536	57.967	ug/l	98
5) Bromomethane	1.64	94	336	0.392	ug/l #	56
6) Chloroethane	1.61	64	484	0.749	ug/l #	85
10) Methyl Iodide	2.51	142	119	5.134	ug/l #	40
11) Tert butyl alcohol	3.03	59	3309	5.545	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	1124	0.618	ug/l	92
14) Allyl chloride	2.84	41	32185	9.930	ug/l #	67
15) Acrylonitrile	3.16	53	643	0.569	ug/l #	42
16) Acetone	2.43	43	4776	4.025	ug/l	97
18) Methyl Acetate	2.83	43	76154	27.079	ug/l #	51
20) Methylene Chloride	2.84	84	652	0.299	ug/l #	1
21) trans-1,2-Dichloroethene	3.15	96	2395	1.228	ug/l	97
25) 2-Butanone	4.68	43	436	0.265	ug/l #	49
27) cis-1,2-Dichloroethene	4.58	96	19191	8.535	ug/l	91
29) Tetrahydrofuran	5.14	42	429	0.424	ug/l #	89
31) Cyclohexane	5.58	56	22904	7.010	ug/l	94
36) 1,1-Dichloropropene	5.65	75	13542	5.348	ug/l #	51
37) Ethyl Acetate	4.83	43	1109	0.392	ug/l #	67
38) Carbon Tetrachloride	5.65	117	18597	7.546	ug/l #	17
39) Methylcyclohexane	7.46	83	18130	5.904	ug/l	93
40) Benzene	6.14	78	7815	1.045	ug/l	99
43) Isopropyl Acetate	6.34	43	15687	3.452	ug/l #	60
44) Trichloroethene	7.21	130	2451	1.182	ug/l	92
48) Methyl methacrylate	7.73	41	884	0.399	ug/l #	47
51) 4-Methyl-2-Pentanone	8.68	43	829	0.293	ug/l #	35
52) Toluene	8.78	92	2466	0.515	ug/l	96
55) 1,1,2-Trichloroethane	9.17	97	1519	0.802	ug/l #	16
56) Ethyl methacrylate	9.17	69	383	1.940	ug/l #	1
59) 2-Hexanone	9.30	43	663	0.301	ug/l	68
60) Dibromochloromethane	9.33	129	20	1.866	ug/l #	10
67) Ethyl Benzene	10.25	91	13816	1.627	ug/l	95
68) m/p-Xylenes	10.36	106	1430	0.451	ug/l	98
73) Isopropylbenzene	11.01	105	5260	0.739	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Oct 11 09:48:22 2019
Response via : Initial Calibration

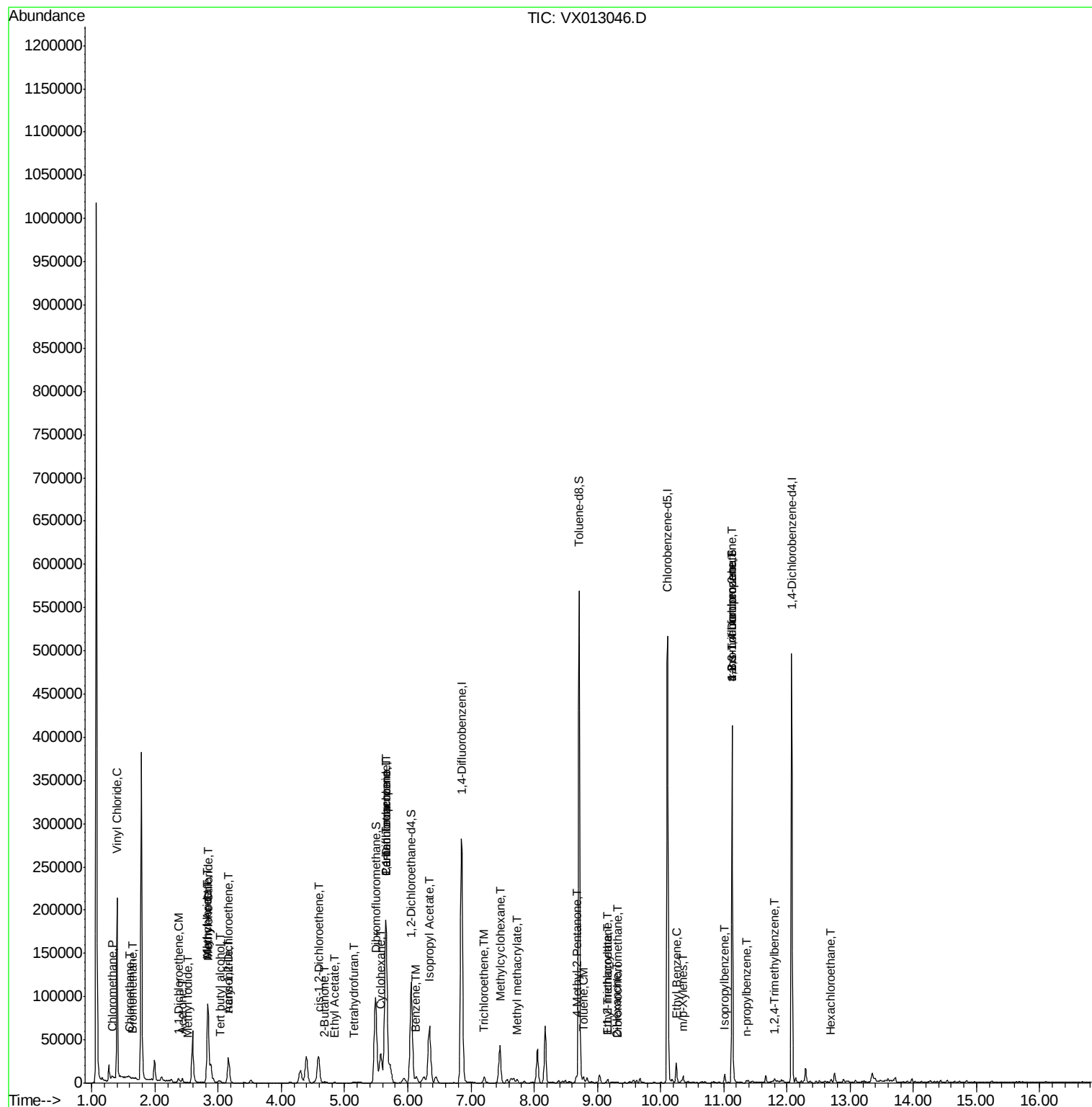
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.13	75	55054	25.629	ug/l #	33
78) n-propylbenzene	11.36	91	1867	0.238	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	55054	64.606	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	1531	0.254	ug/l	98
90) Hexachloroethane	12.70	117	1281	3.181	ug/l #	13

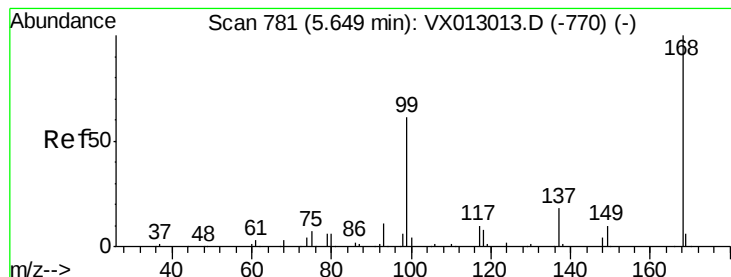
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

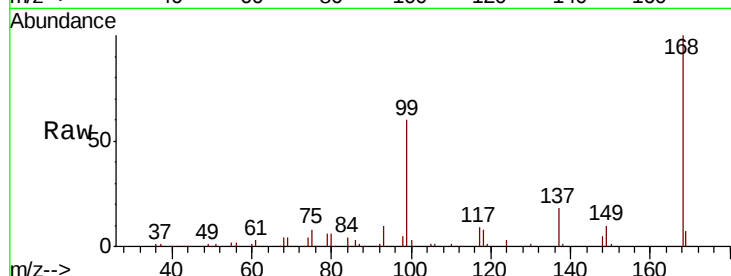
FA19-7338B

Tot Ion:168 Resp: 180099

Ion Ratio Lower Upper

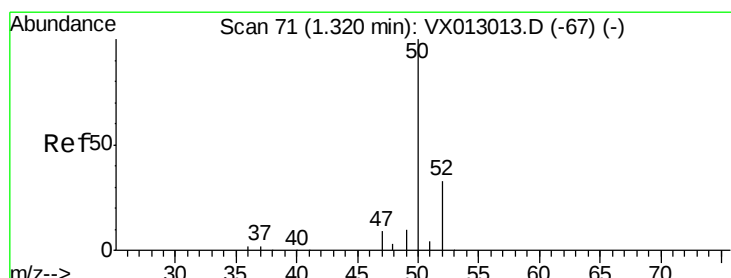
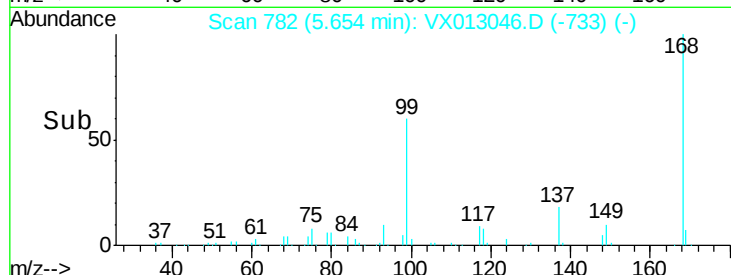
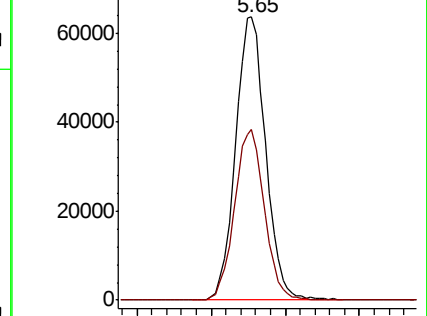
168 100

99 60.4 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.587 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013046.D

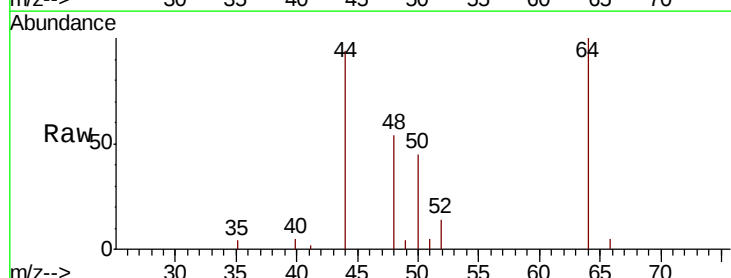
Acq: 14 Oct 2019 12:59

Tgt Ion: 50 Resp: 1173

Ion Ratio Lower Upper

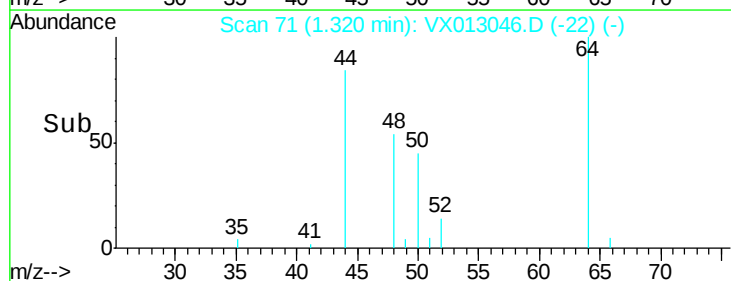
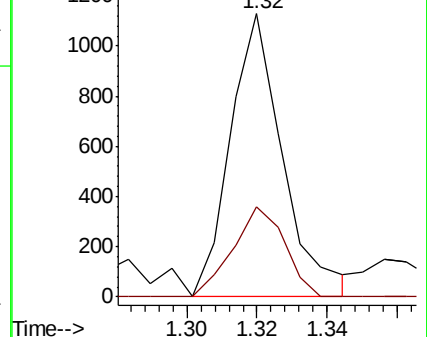
50 100

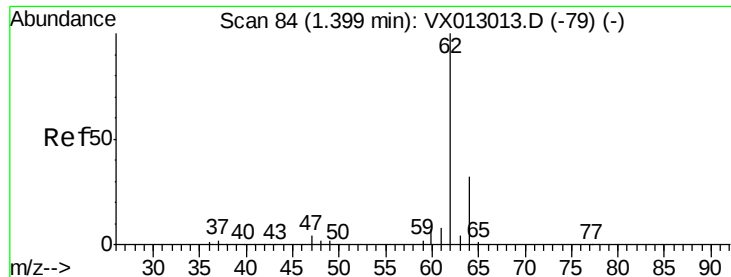
52 31.9 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 57.967 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

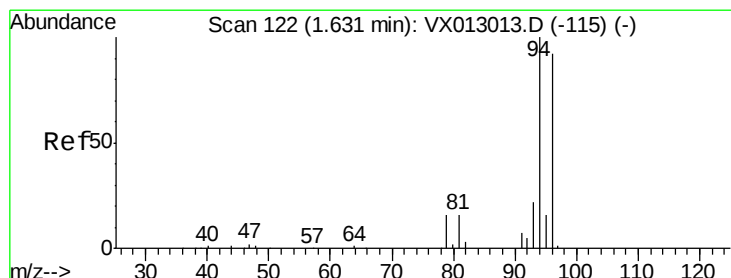
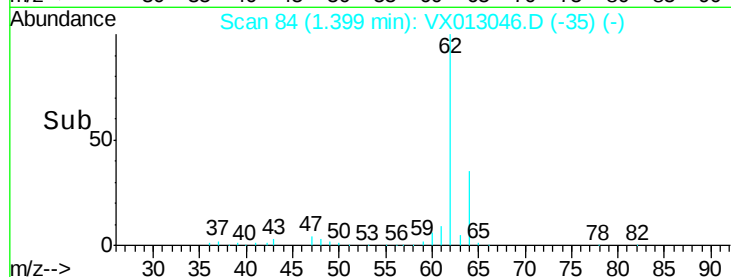
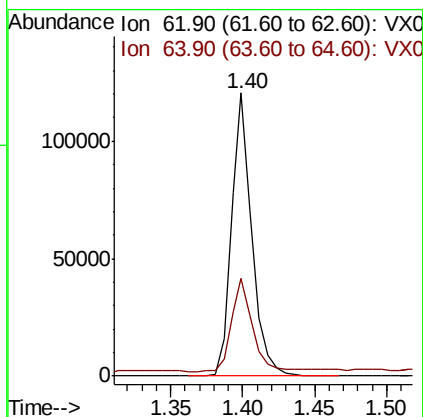
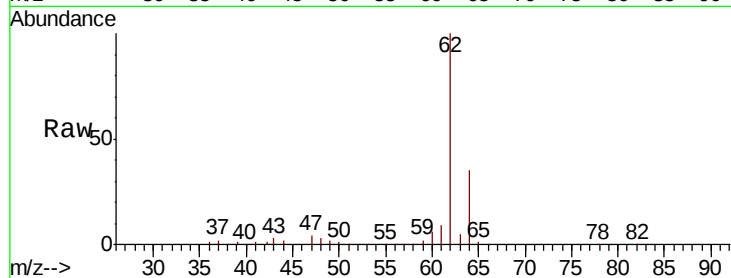
FA19-7338B

Tot Ion: 62 Resp: 119536

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9



#5

Bromomethane

Concen: 0.392 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013046.D

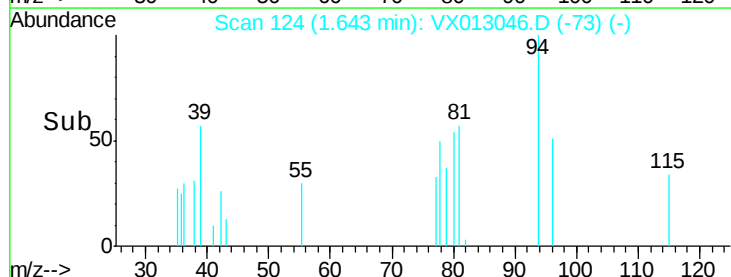
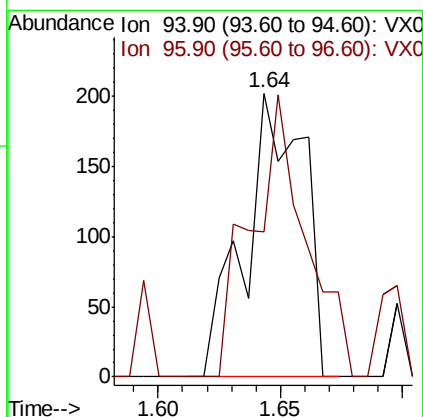
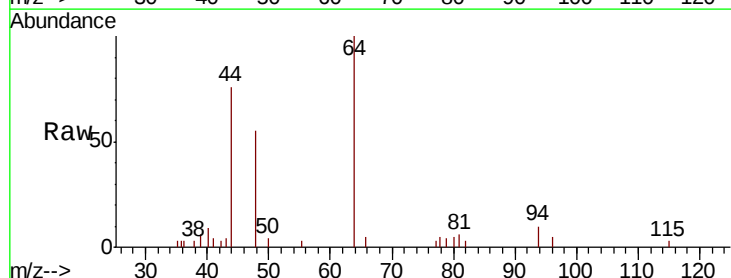
Acq: 14 Oct 2019 12:59

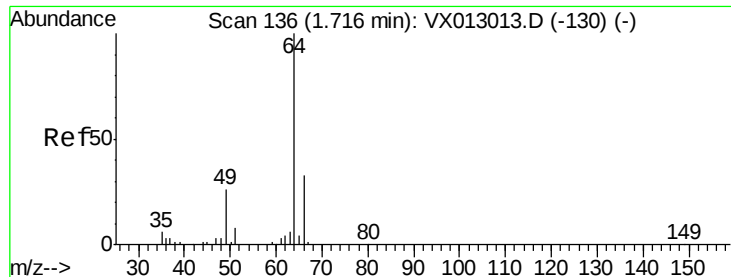
Tgt Ion: 94 Resp: 336

Ion Ratio Lower Upper

94 100

96 51.0 74.7 112.1#





#6

Chloroethane

Concen: 0.749 ug/l

RT: 1.61 min Scan# 118

Delta R.T. -0.10 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

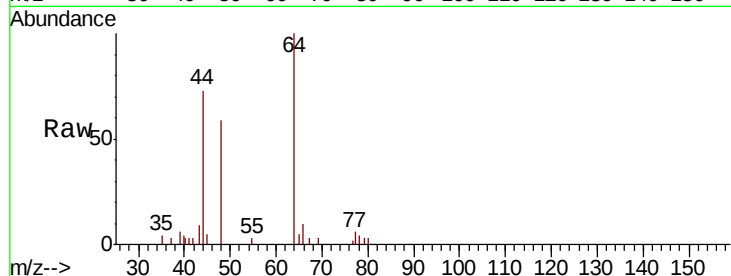
FA19-7338B

Tot Ion: 64 Resp: 484

Ion Ratio Lower Upper

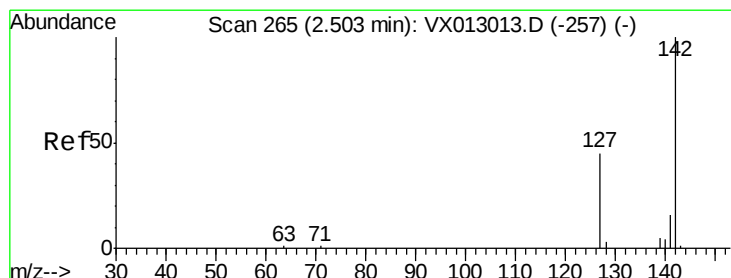
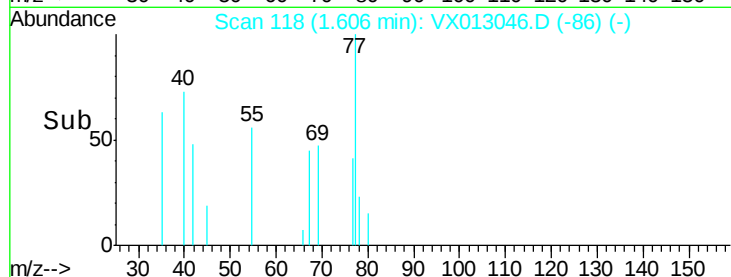
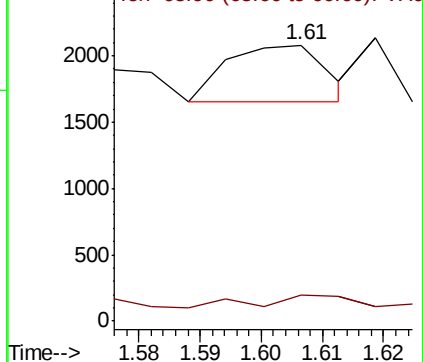
64 100

66 23.4 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 5.134 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

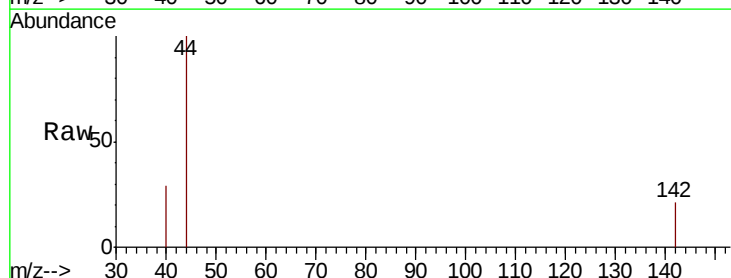
Tgt Ion: 142 Resp: 119

Ion Ratio Lower Upper

142 100

127 0.0 34.9 52.3#

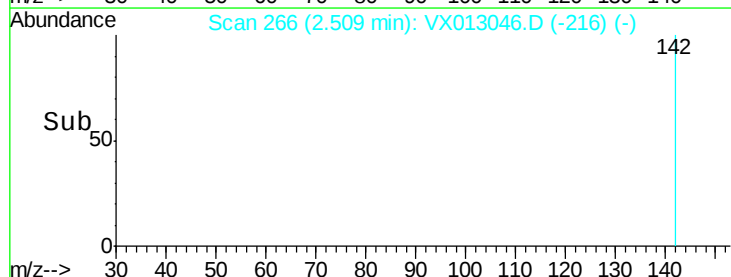
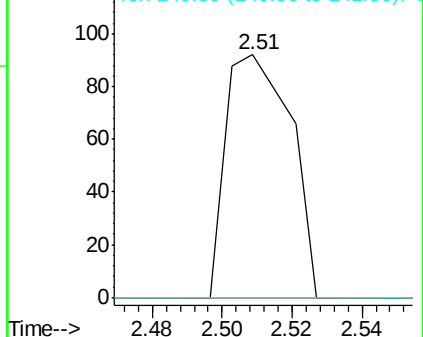
141 0.0 11.6 17.4#

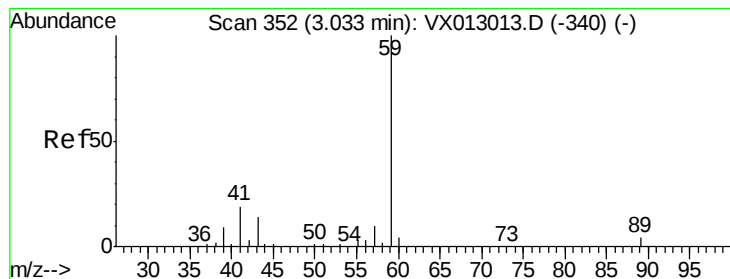


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



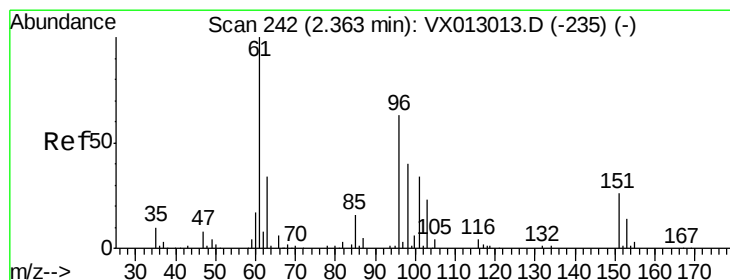
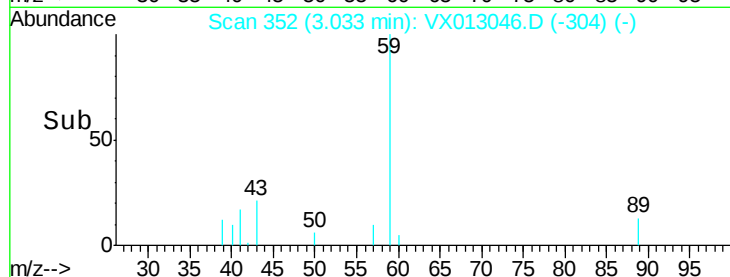
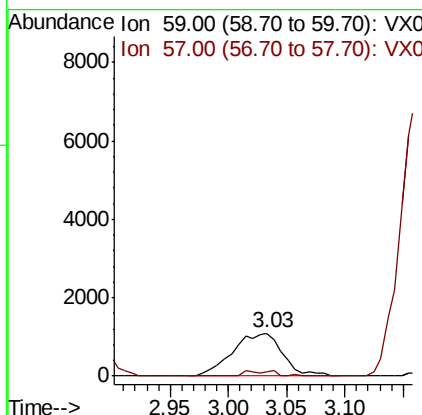
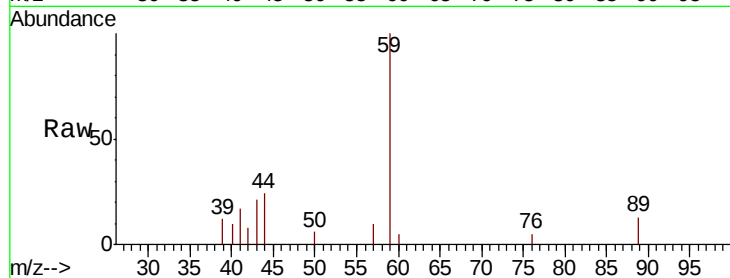


#11

Tert butyl alcohol
 Concen: 5.545 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-7338B

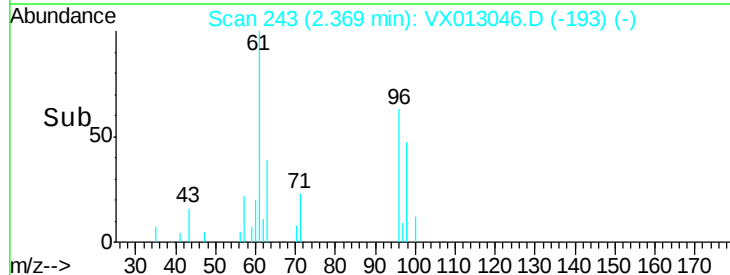
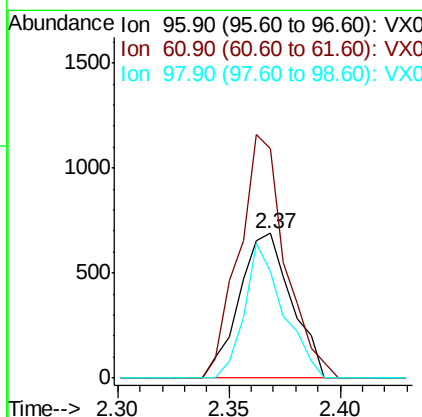
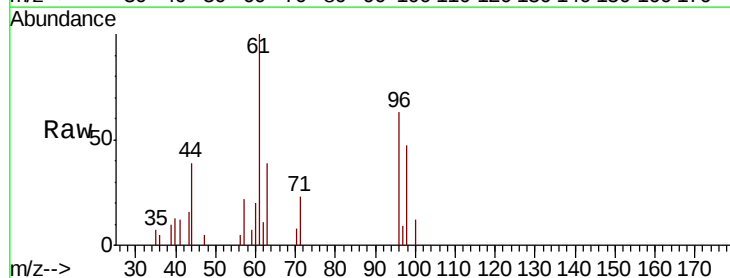
Tot Ion: 59 Resp: 3309
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

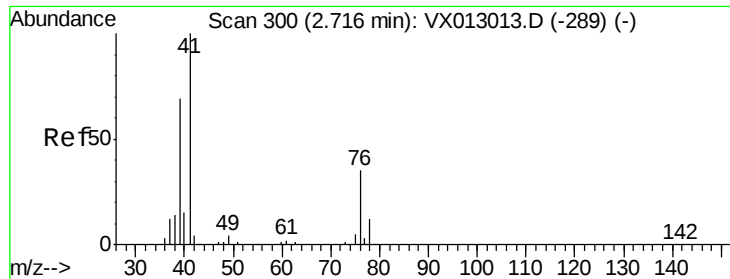


#12

1,1-Dichloroethene
 Concen: 0.618 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Tgt Ion: 96 Resp: 1124
 Ion Ratio Lower Upper
 96 100
 61 158.4 132.2 198.4
 98 74.1 50.5 75.7





#14

Allvl chloride

Concen: 9.930 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.12 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

FA19-7338B

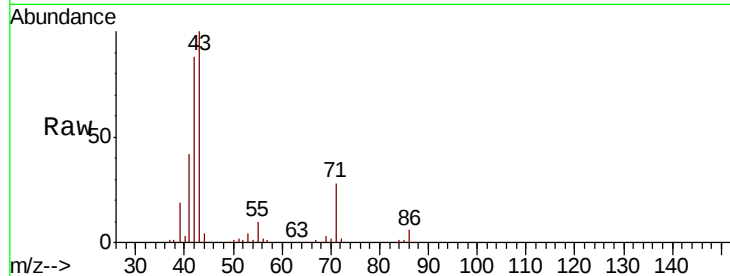
Tot Ion: 41 Resp: 32185

Ion Ratio Lower Upper

41 100

39 47.2 51.0 76.6#

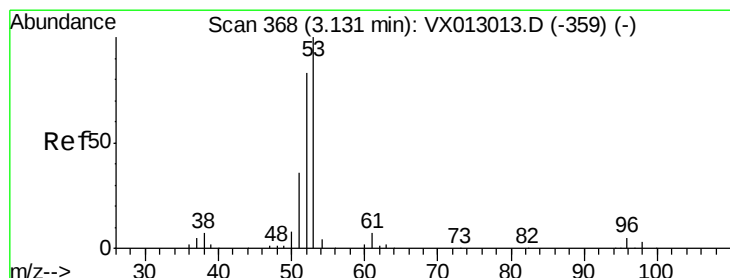
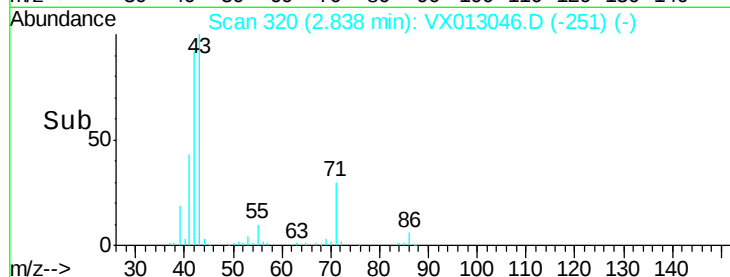
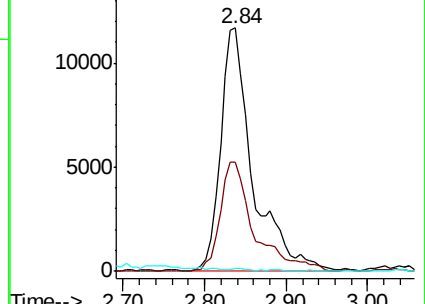
76 0.6 26.2 39.4#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



#15

Acrylonitrile

Concen: 0.569 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.02 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

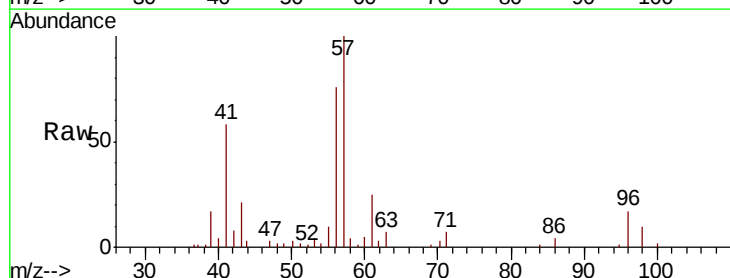
Tgt Ion: 53 Resp: 643

Ion Ratio Lower Upper

53 100

52 9.6 66.2 99.2#

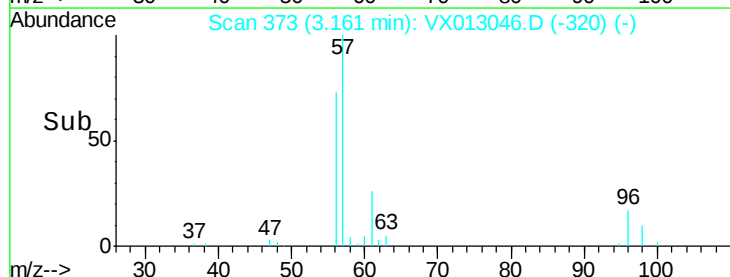
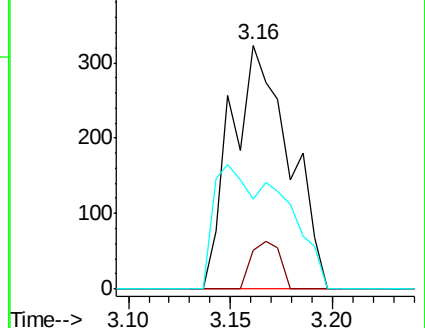
51 32.7 28.2 42.4

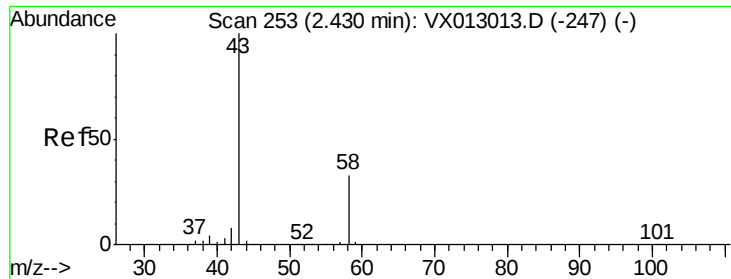


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 4.025 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

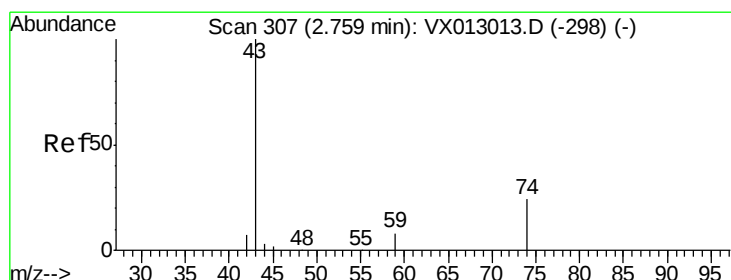
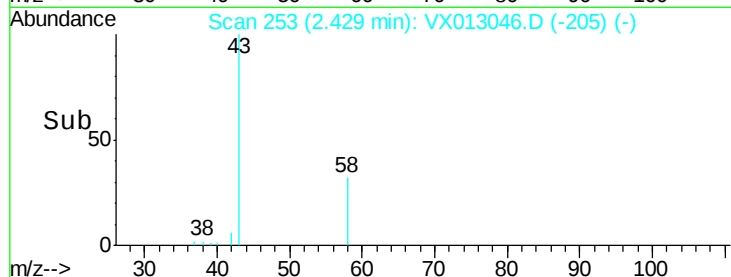
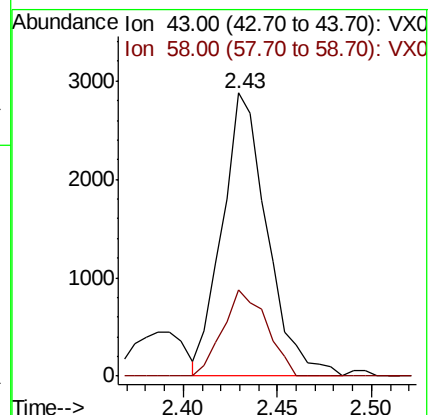
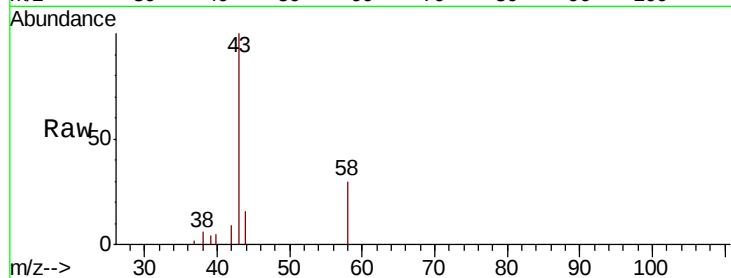
FA19-7338B

Tot Ion: 43 Resp: 4776

Ion Ratio Lower Upper

43 100

58 30.3 25.4 38.2



#18

Methyl Acetate

Concen: 27.079 ug/l

RT: 2.83 min Scan# 319

Delta R.T. 0.07 min

Lab File: VX013046.D

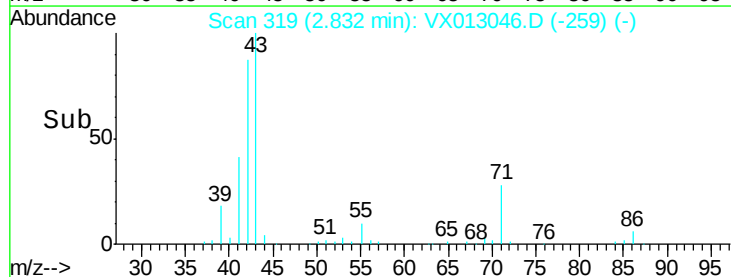
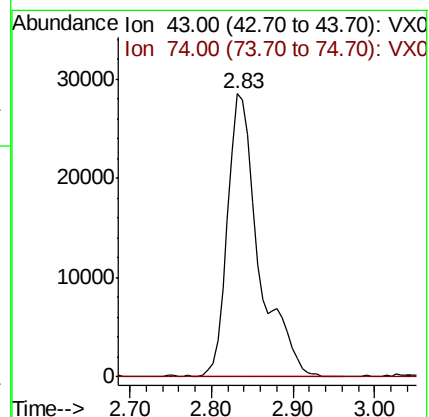
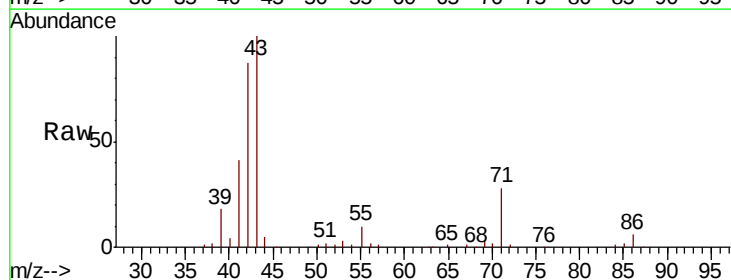
Acq: 14 Oct 2019 12:59

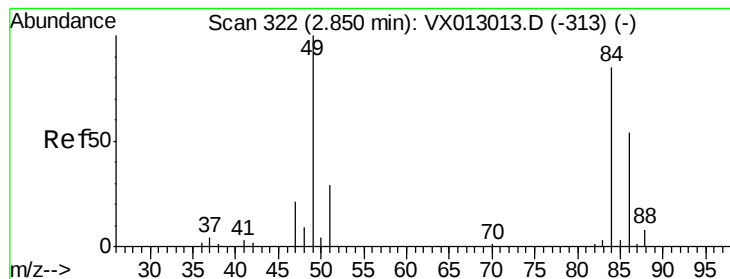
Tgt Ion: 43 Resp: 76154

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#





#20

Methylene Chloride

Concen: 0.299 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

FA19-7338B

Tot Ion: 84 Resp: 652

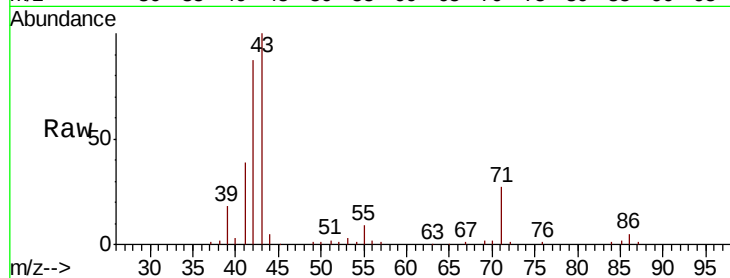
Ion Ratio Lower Upper

84 100

49 63.5 96.6 144.8#

51 172.3 30.7 46.1#

86 402.9 51.0 76.6#

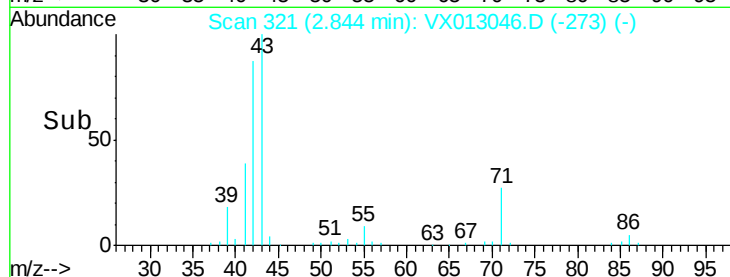


Abundance Ion 83.90 (83.60 to 84.60): VX0

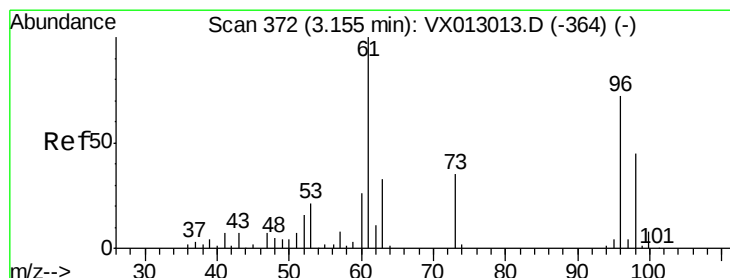
Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time--> 2.75 2.80 2.85 2.90



#21

trans-1,2-Dichloroethene

Concen: 1.228 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

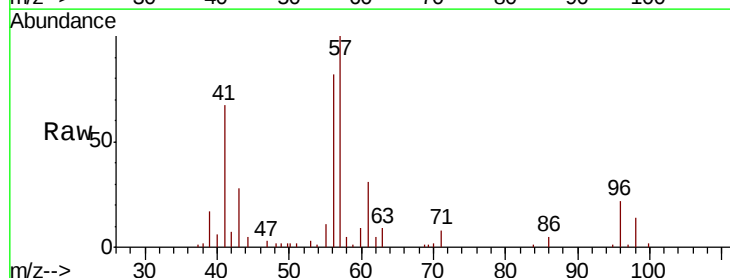
Tgt Ion: 96 Resp: 2395

Ion Ratio Lower Upper

96 100

61 142.2 110.4 165.6

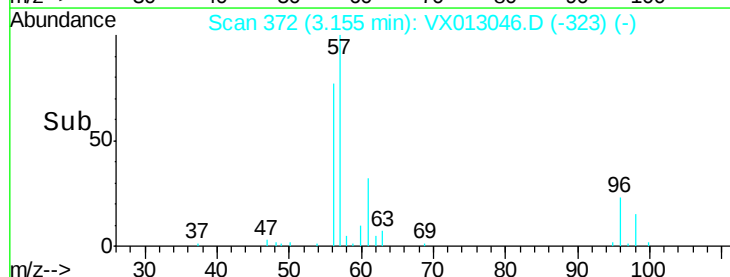
98 63.9 51.5 77.3



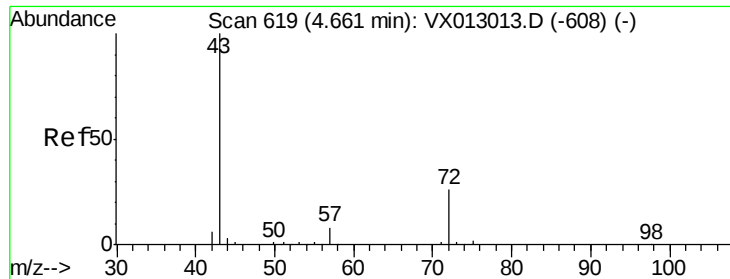
Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time--> 3.10 3.15 3.20



#25

2-Butanone

Concen: 0.265 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

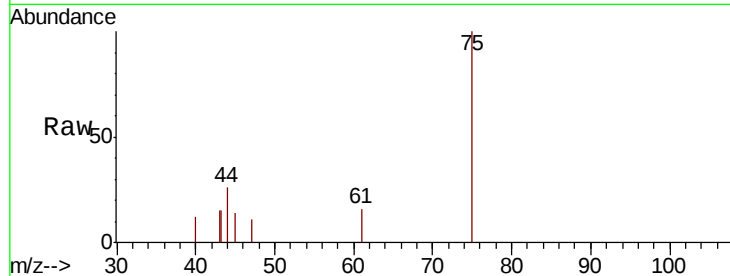
FA19-7338B

Tot Ion: 43 Resp: 436

Ion Ratio Lower Upper

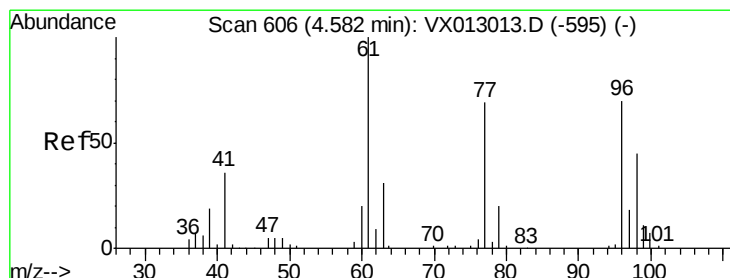
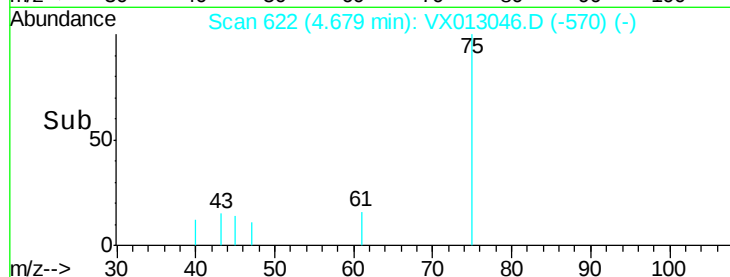
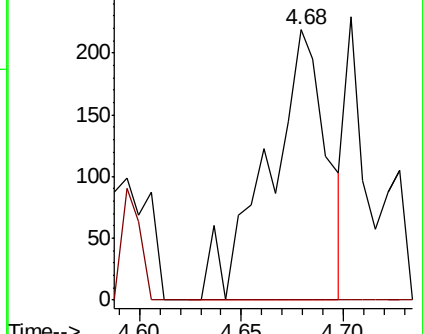
43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 8.535 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

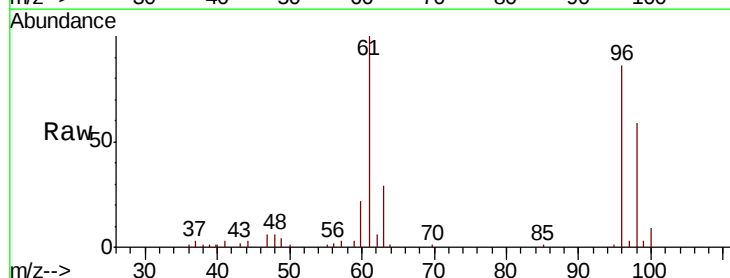
Tgt Ion: 96 Resp: 19191

Ion Ratio Lower Upper

96 100

61 129.4 0.0 290.6

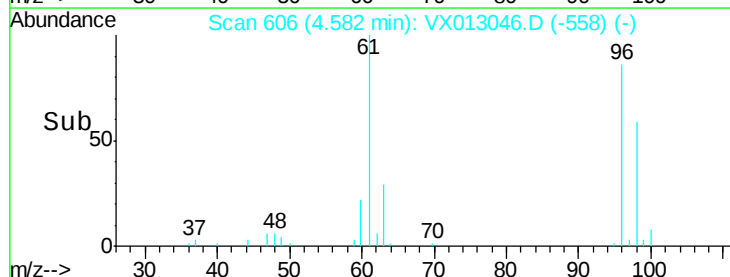
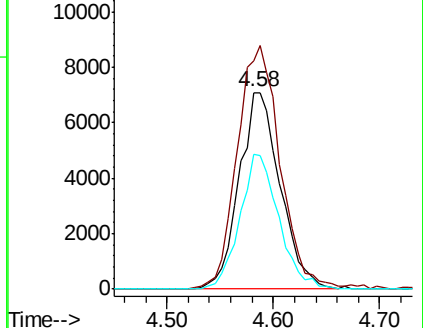
98 64.9 0.0 128.8

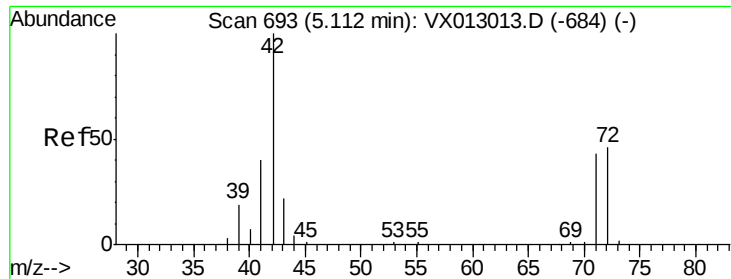


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

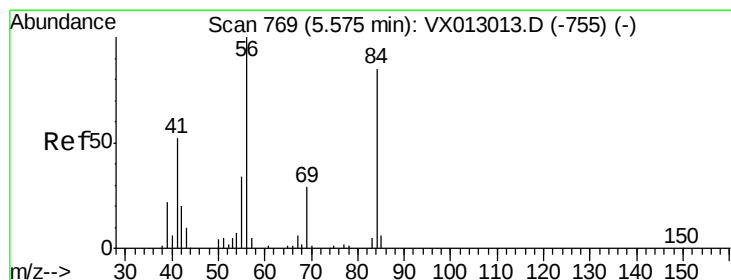
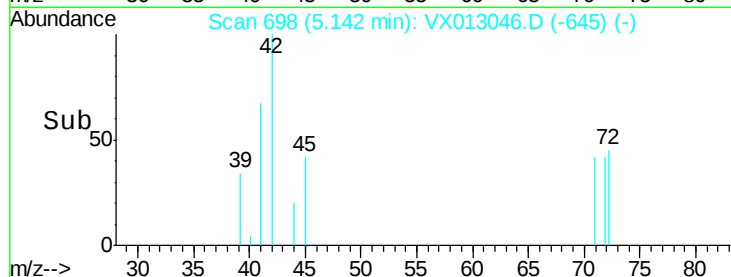
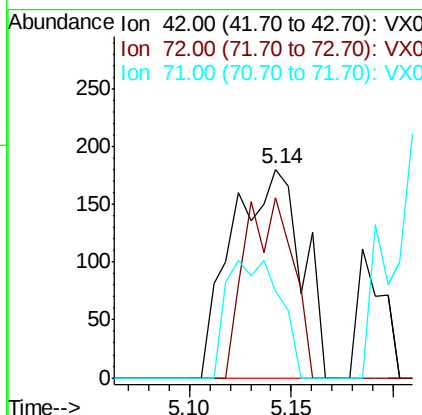
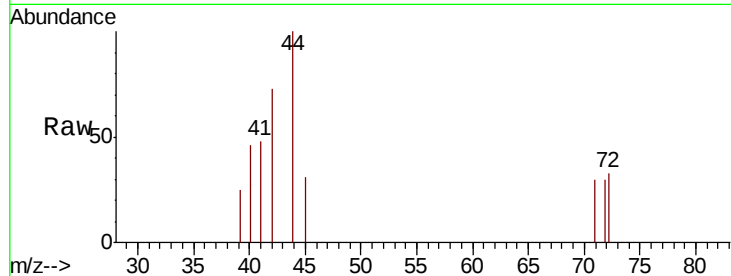




#29
Tetrahydrofuran
Concen: 0.424 ug/l
RT: 5.14 min Scan# 698
Delta R.T. 0.02 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

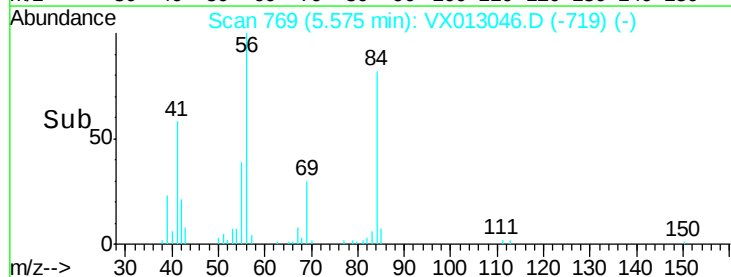
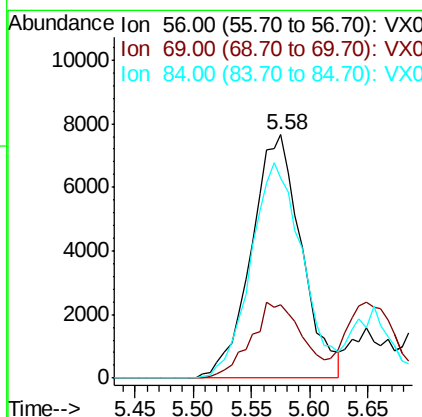
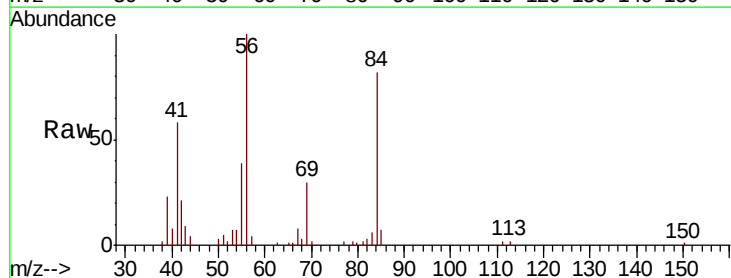
Instrument :
MSVOA_X
ClientSampled :
FA19-7338B

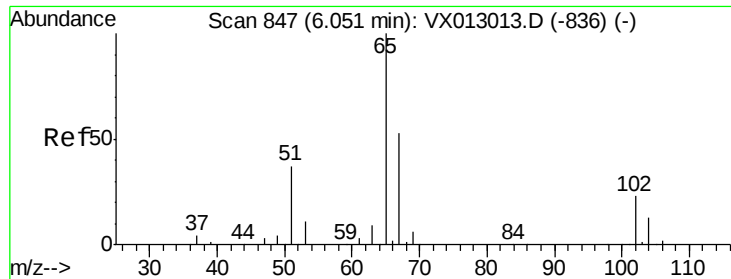
Tot Ion: 42 Resp: 429
Ion Ratio Lower Upper
42 100
72 58.7 36.9 55.3#
71 43.1 33.5 50.3



#31
Cyclohexane
Concen: 7.010 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 56 Resp: 22904
Ion Ratio Lower Upper
56 100
69 30.2 25.2 37.8
84 82.1 71.3 106.9





#33

1,2-Dichloroethane-d4

Concen: 48.465 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

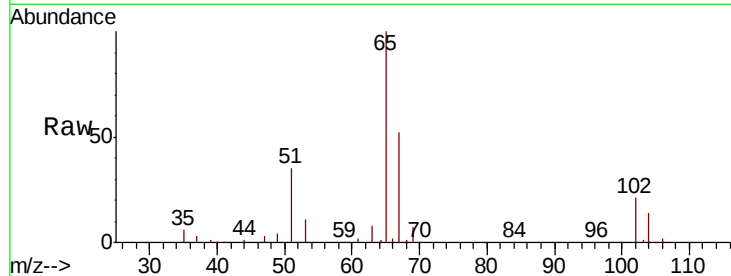
FA19-7338B

Tot Ion: 65 Resp: 109096

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.4

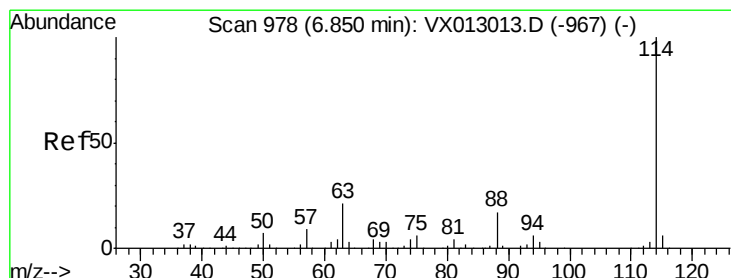
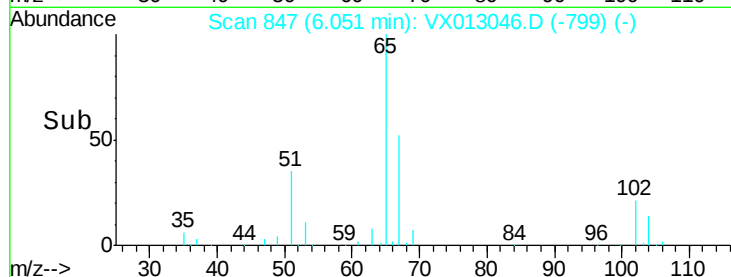


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

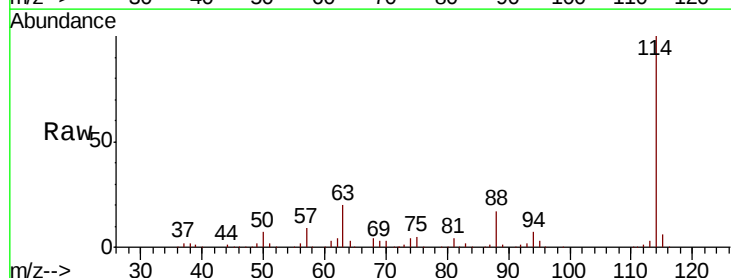
Tgt Ion: 114 Resp: 287988

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 17.0 0.0 33.8



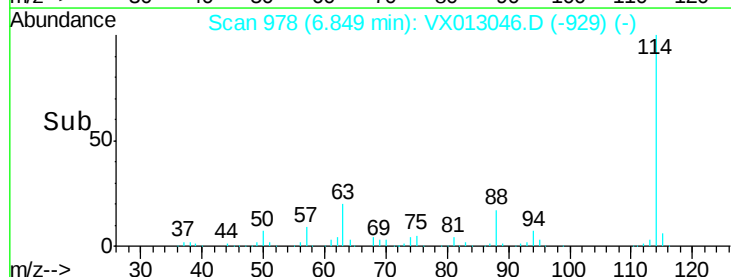
Abundance Ion 113.90 (113.60 to 114.60): V

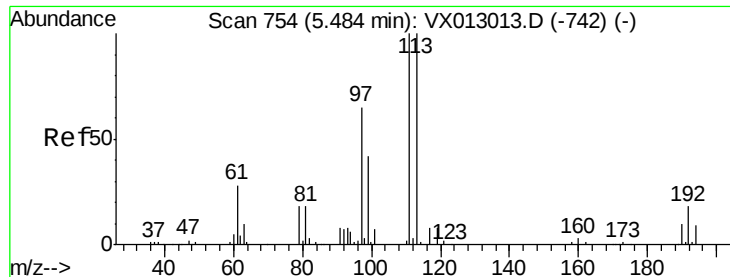
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

Time-->





#35

Dibromofluoromethane

Concen: 52.368 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

FA19-7338B

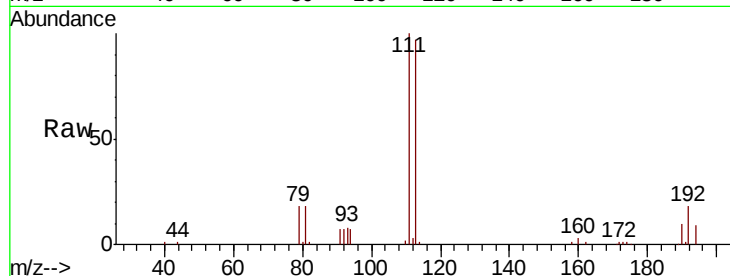
Tot Ion:113 Resp: 86559

Ion Ratio Lower Upper

113 100

111 100.9 83.2 124.8

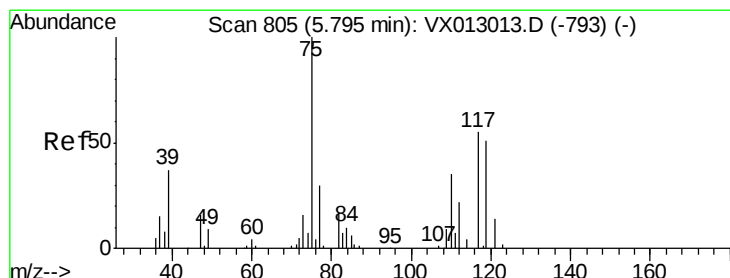
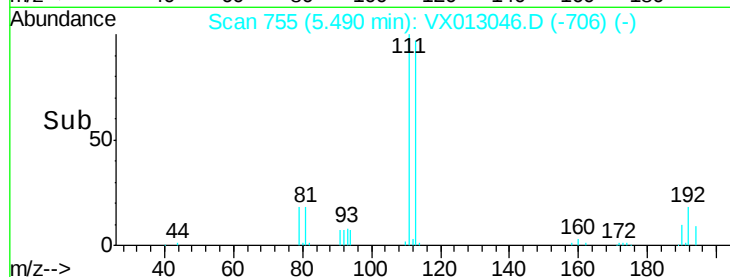
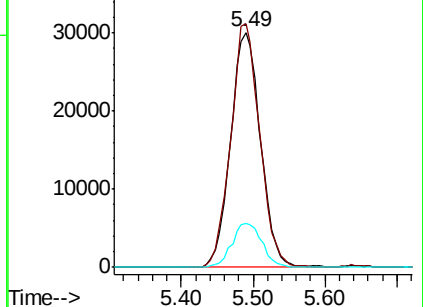
192 19.0 15.4 23.2



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: 5.348 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

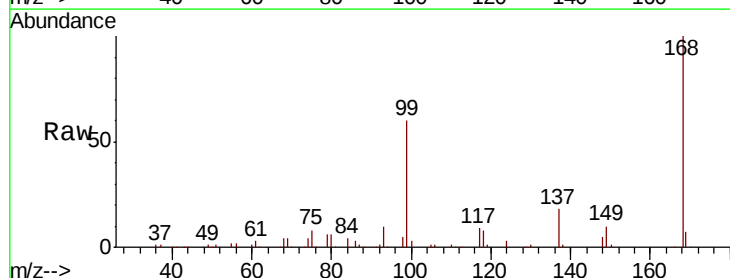
Tgt Ion: 75 Resp: 13542

Ion Ratio Lower Upper

75 100

110 9.9 17.6 52.9#

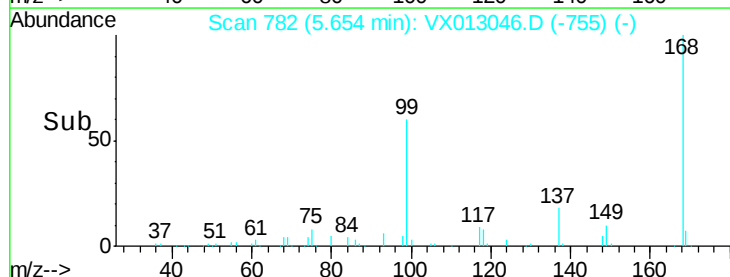
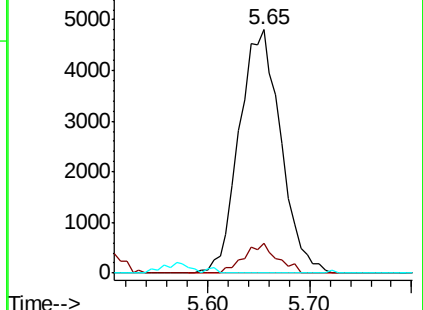
77 0.0 24.4 36.6#

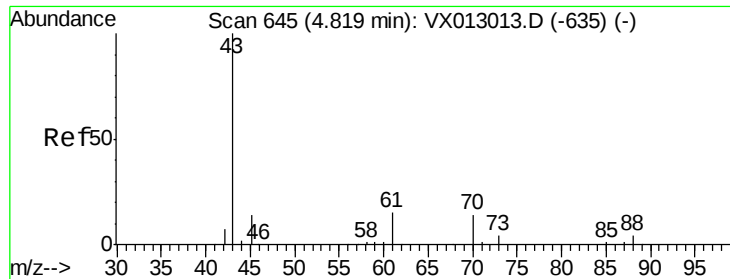


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

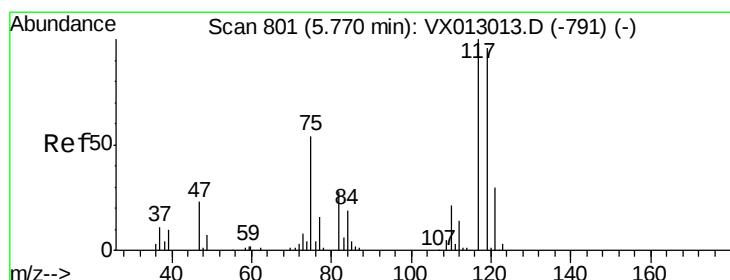
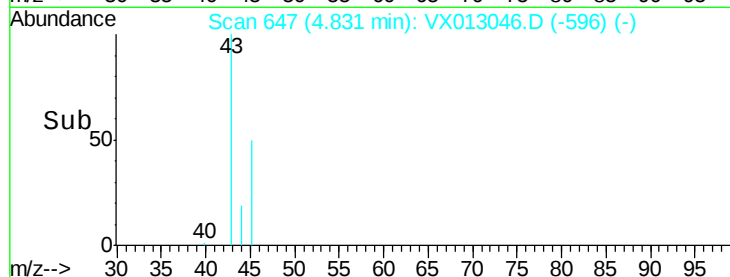
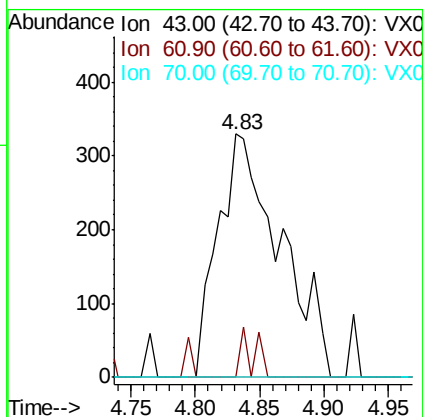
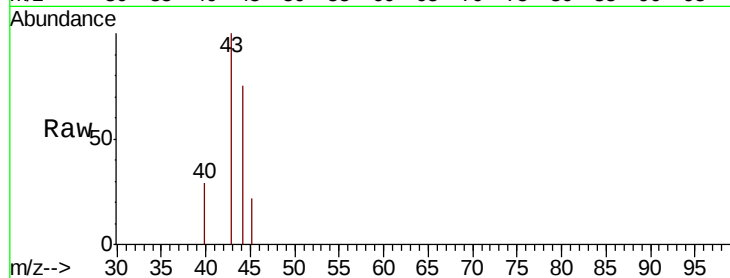




#37
Ethyl Acetate
Concen: 0.392 ug/l
RT: 4.83 min Scan# 647
Delta R.T. 0.01 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

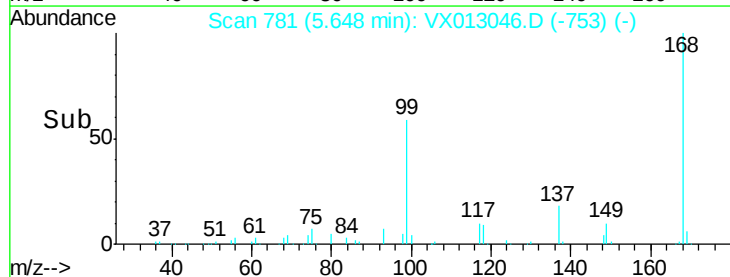
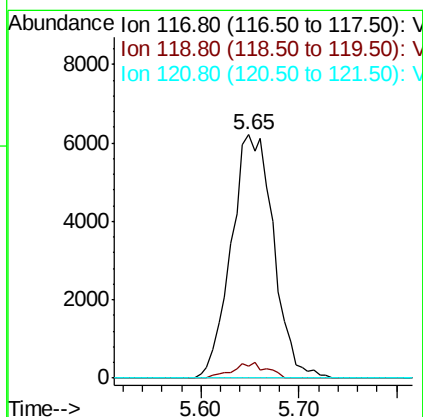
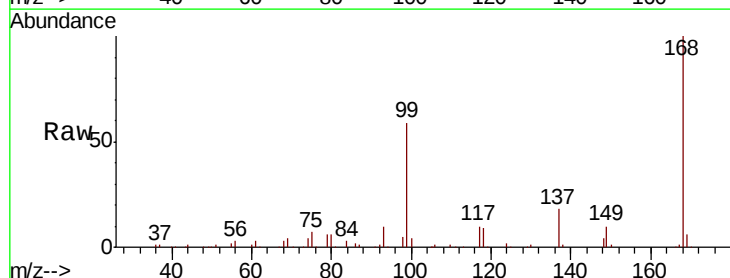
Instrument :
MSVOA_X
ClientSampleId :
FA19-7338B

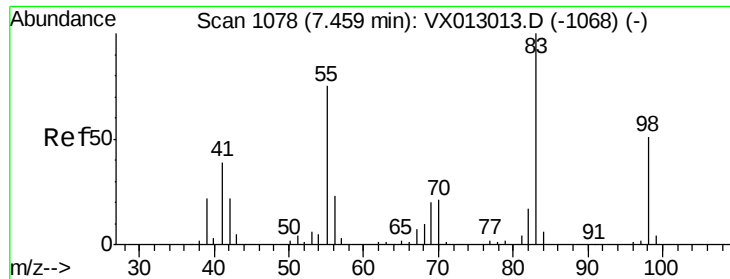
Tot Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 7.546 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 117 Resp: 18597
Ion Ratio Lower Upper
117 100
119 4.7 74.5 111.7#
121 0.0 24.2 36.4#

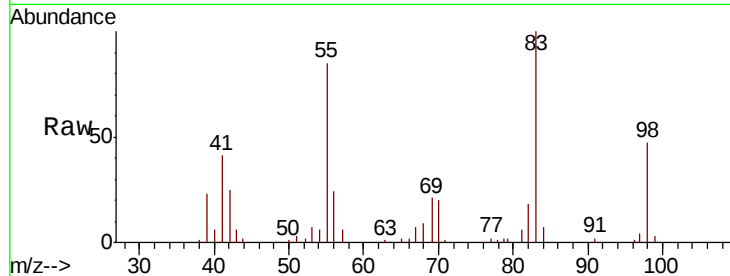




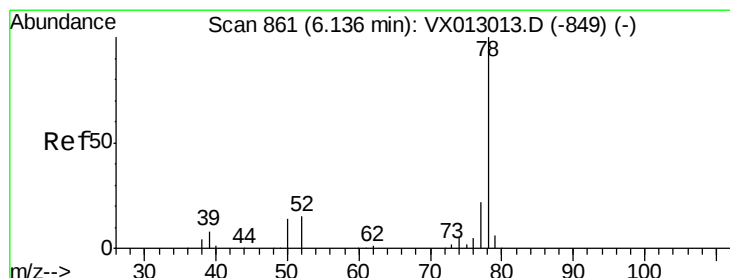
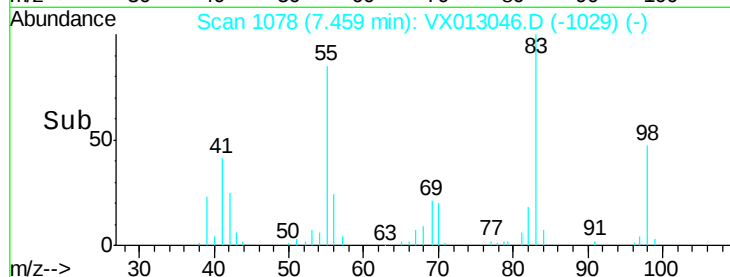
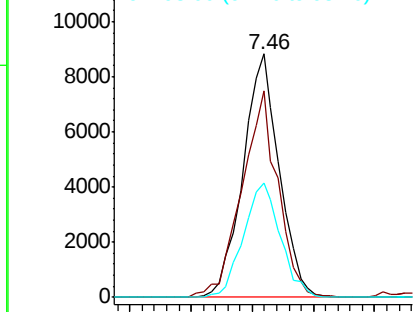
#39
Methvlcvclohexane
Concen: 5.904 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Instrument :
MSVOA_X
ClientSampleId :
FA19-7338B

Tot Ion: 83 Resp: 18130
Ion Ratio Lower Upper
83 100
55 84.6 60.2 90.4
98 46.9 38.5 57.7

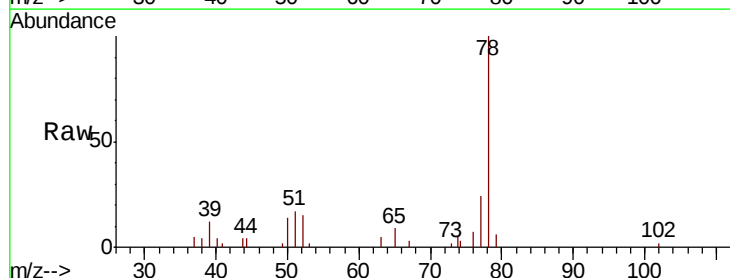


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

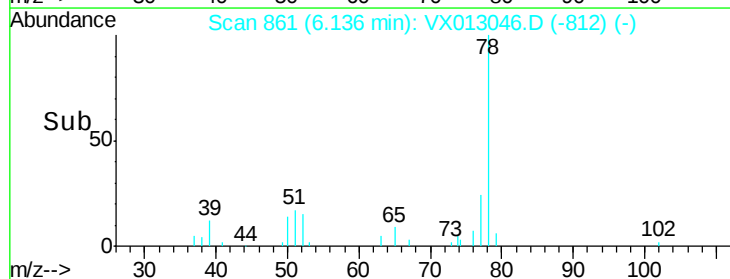
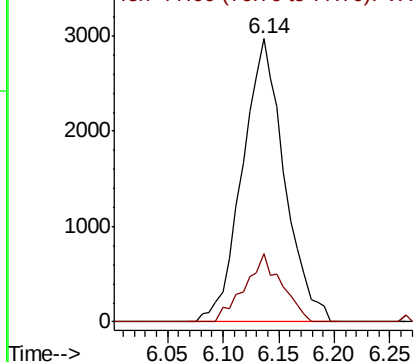


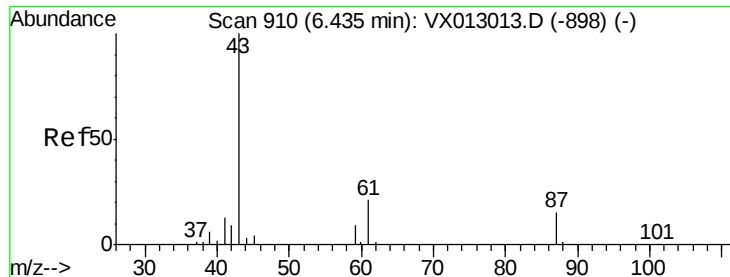
#40
Benzene
Concen: 1.045 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 78 Resp: 7815
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 3.452 ug/l

RT: 6.34 min Scan# 895

Delta R.T. -0.09 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

FA19-7338B

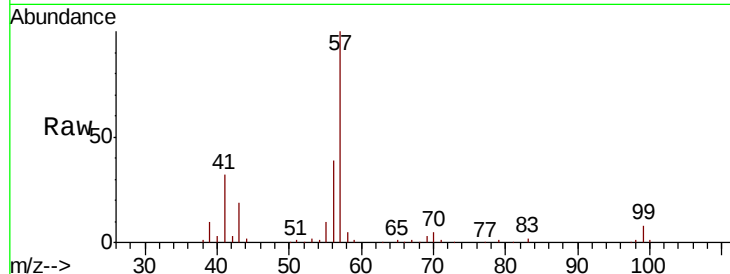
Tot Ion: 43 Resp: 15687

Ion Ratio Lower Upper

43 100

61 0.0 16.6 24.8#

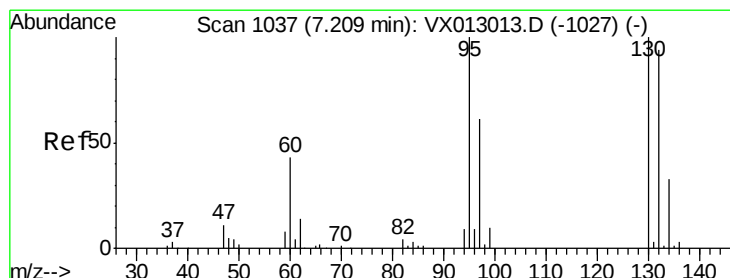
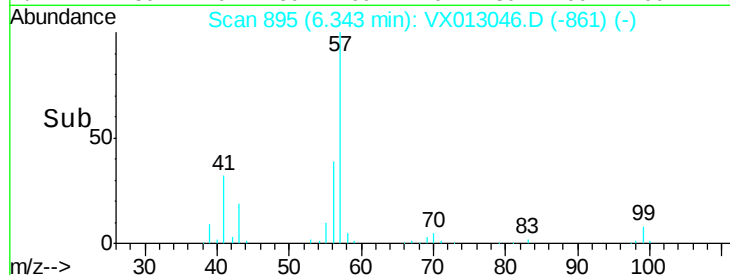
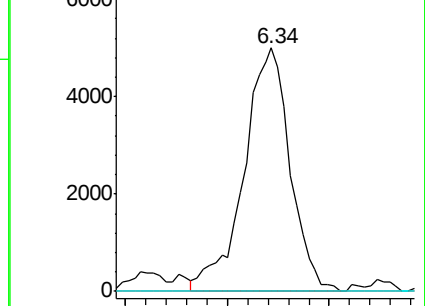
87 0.0 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 1.182 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX013046.D

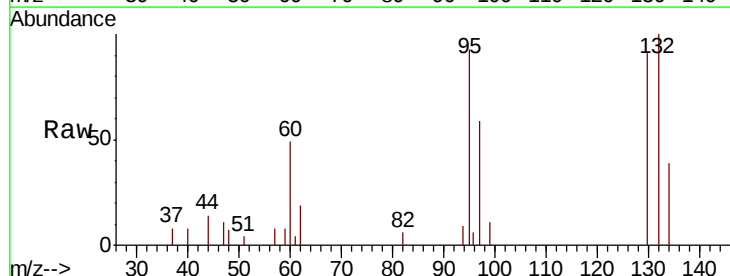
Acq: 14 Oct 2019 12:59

Tgt Ion: 130 Resp: 2451

Ion Ratio Lower Upper

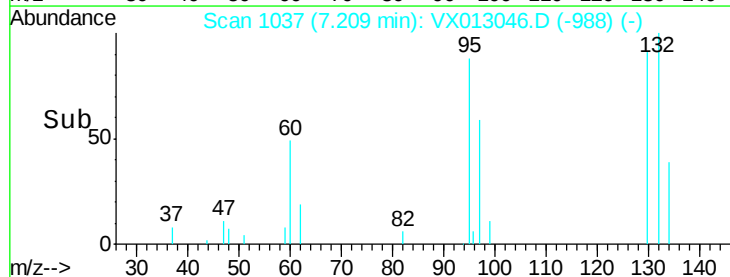
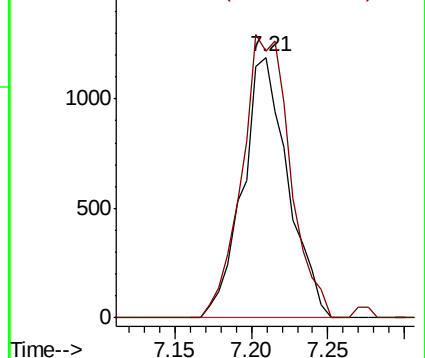
130 100

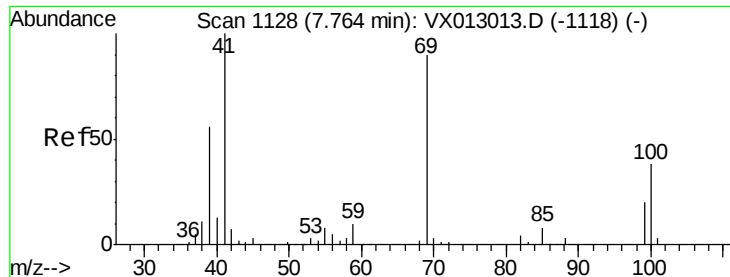
95 102.3 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

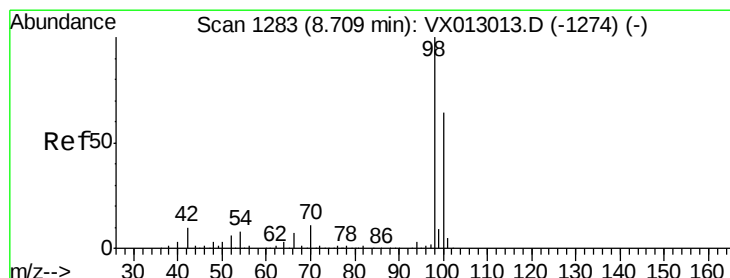
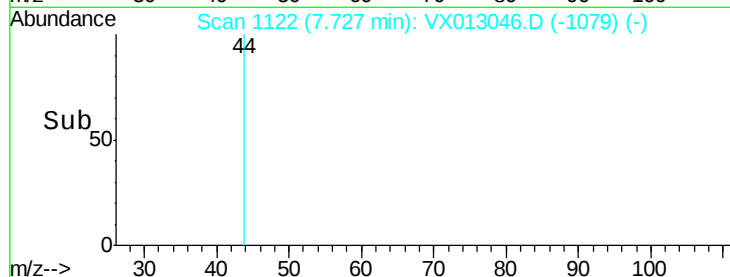
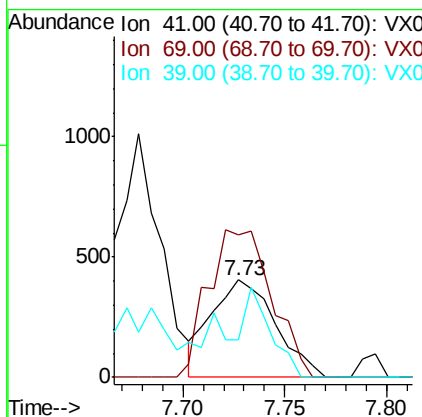
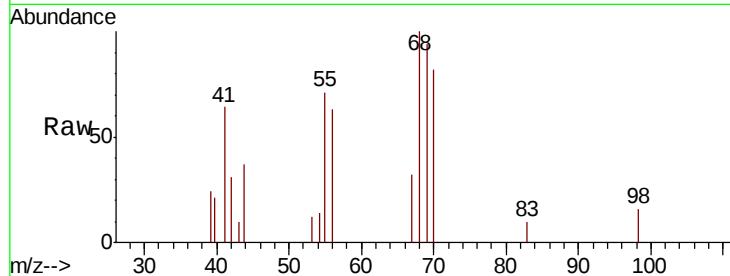




#48
Methvl methacrylate
Concen: 0.399 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

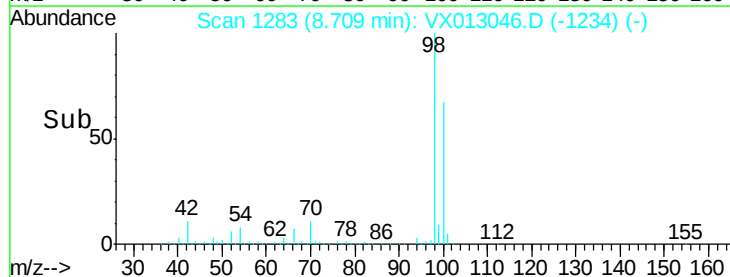
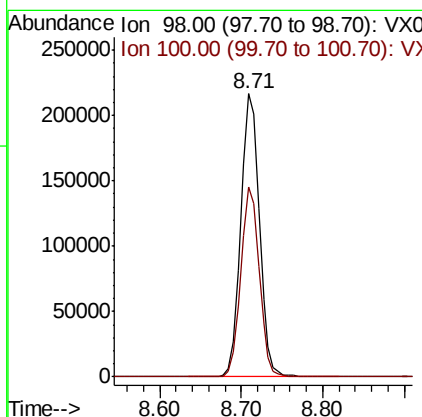
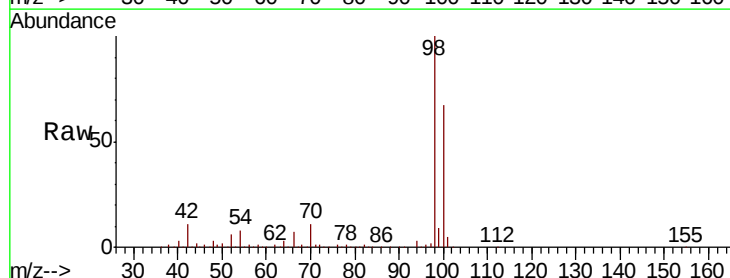
Instrument :
MSVOA_X
ClientSampled :
FA19-7338B

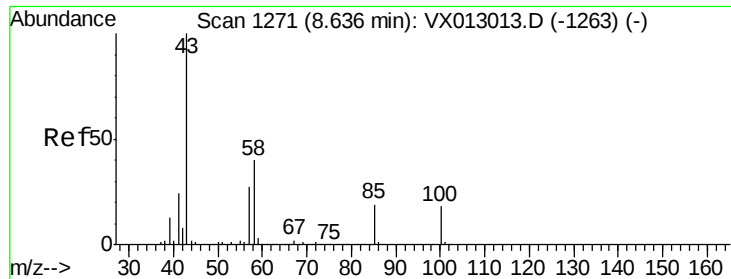
Tot Ion: 41 Resp: 884
Ion Ratio Lower Upper
41 100
69 149.8 68.7 103.1#
39 35.6 44.3 66.5#



#50
Toluene-d8
Concen: 52.594 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 98 Resp: 339056
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 0.293 ug/l

RT: 8.68 min Scan# 1278

Delta R.T. 0.04 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

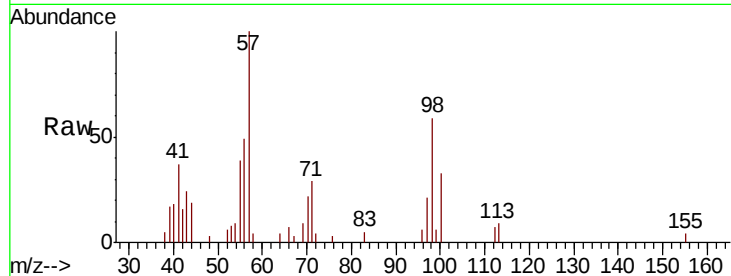
FA19-7338B

Tot Ion: 43 Resp: 829

Ion Ratio Lower Upper

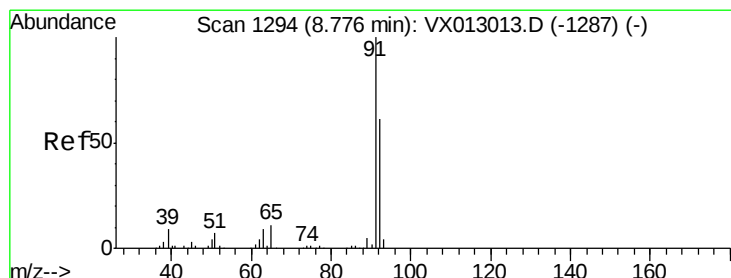
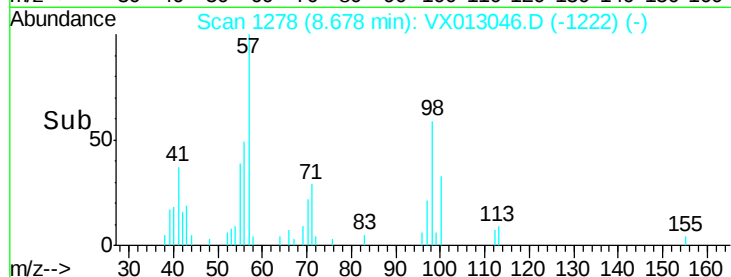
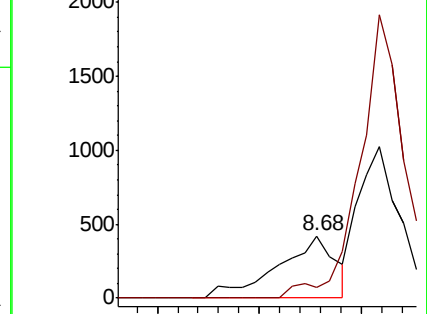
43 100

58 0.0 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.515 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013046.D

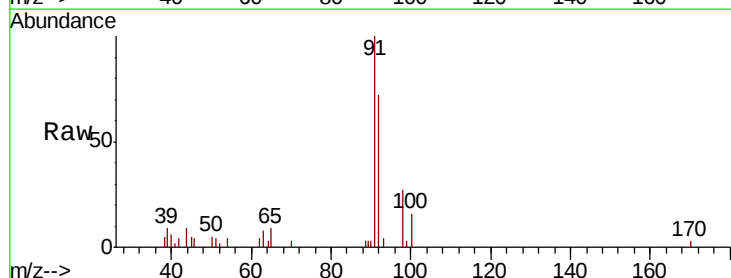
Acq: 14 Oct 2019 12:59

Tgt Ion: 92 Resp: 2466

Ion Ratio Lower Upper

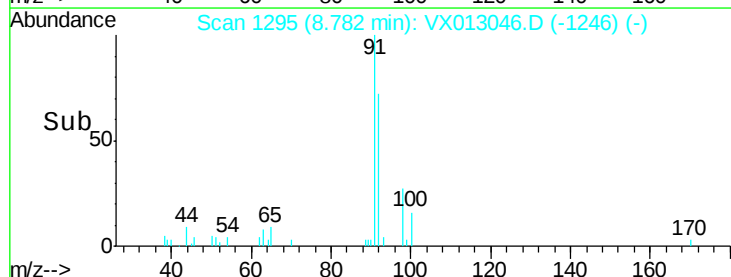
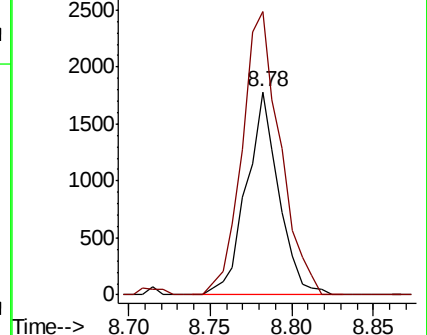
92 100

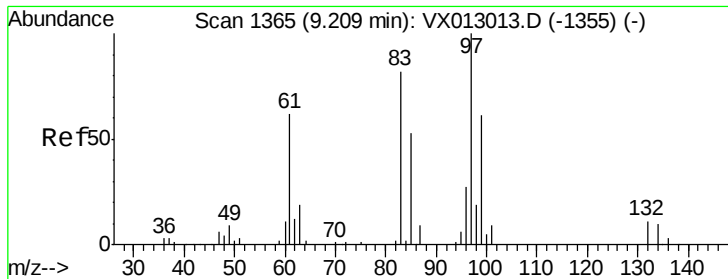
91 163.9 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

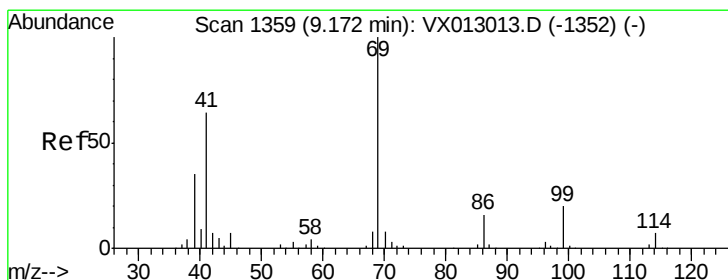
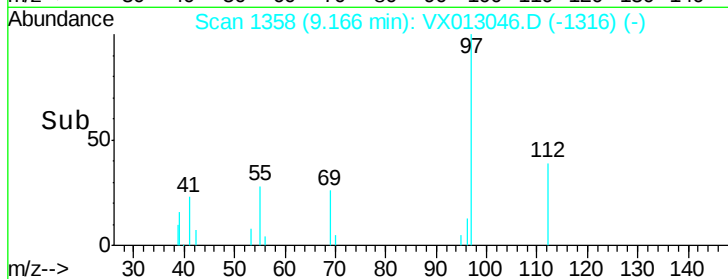
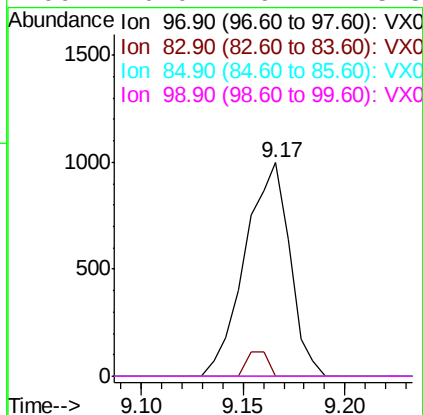
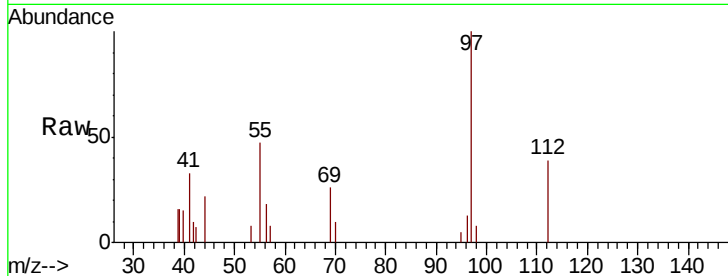




#55
 1,1,2-Trichloroethane
 Concen: 0.802 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.04 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

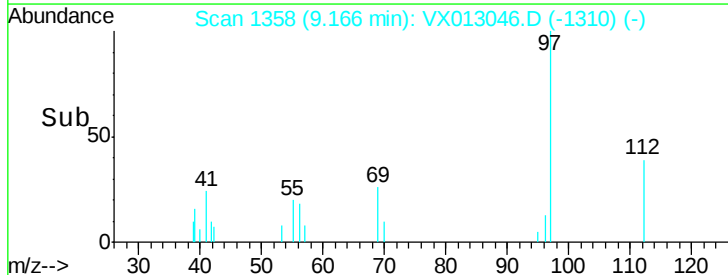
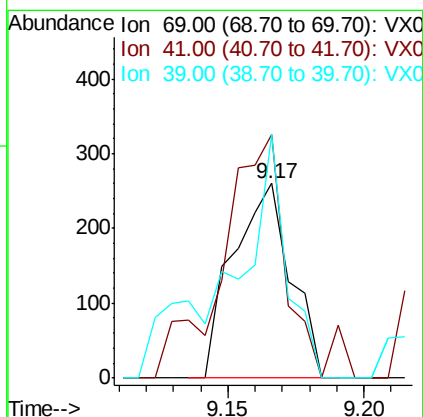
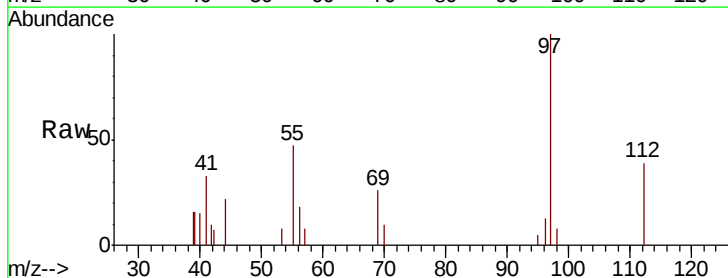
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-7338B

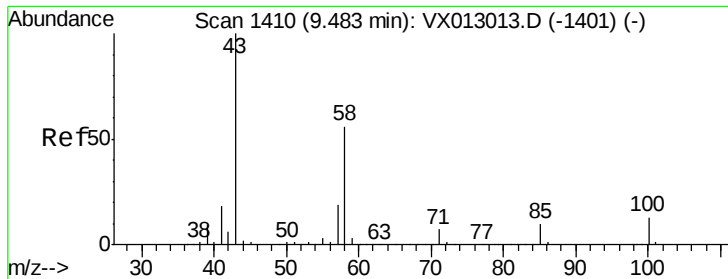
Tot Ion: 97 Resp: 1519
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.5 99.7#
 85 0.0 43.1 64.7#
 99 0.0 49.2 73.8#



#56
 Ethyl methacrylate
 Concen: 1.940 ug/l
 RT: 9.17 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Tgt Ion: 69 Resp: 383
 Ion Ratio Lower Upper
 69 100
 41 141.0 52.1 78.1#
 39 124.3 27.8 41.8#

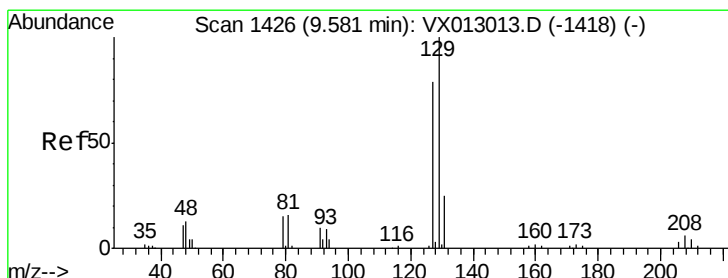
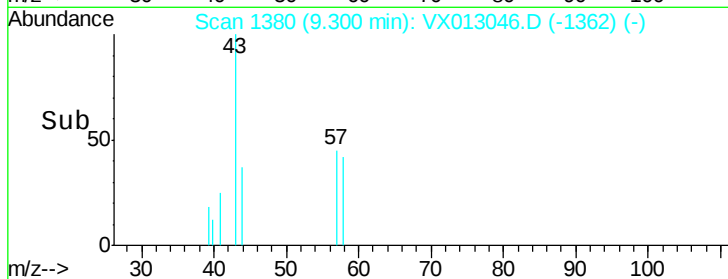
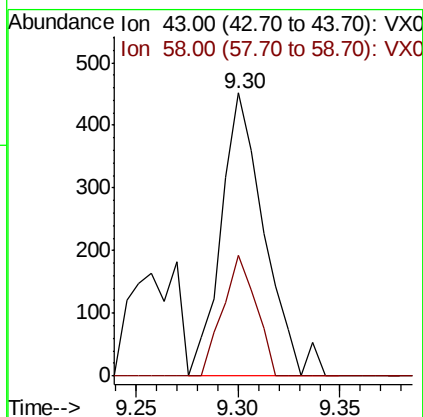
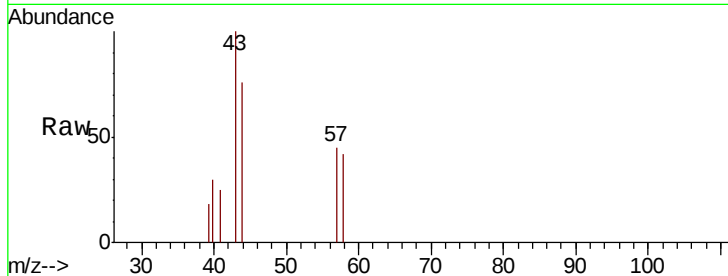




#59
2-Hexanone
Concen: 0.301 ug/l
RT: 9.30 min Scan# 1380
Delta R.T. -0.19 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

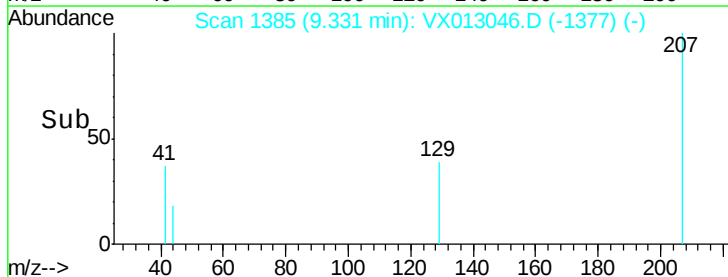
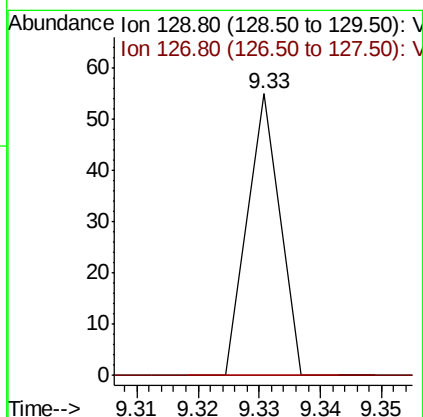
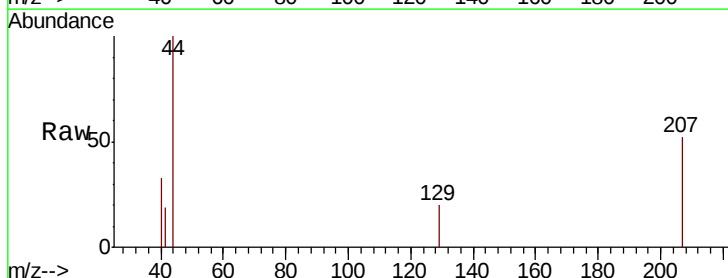
Instrument :
MSVOA_X
ClientSampled :
FA19-7338B

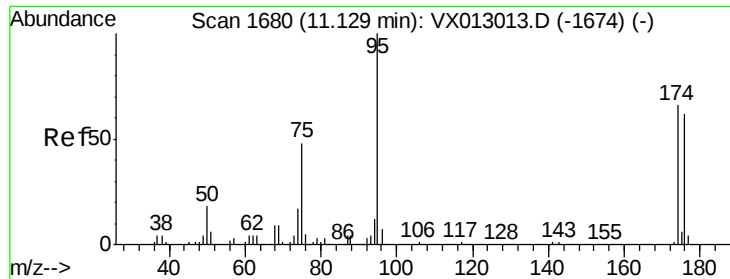
Tot Ion: 43 Resp: 663
Ion Ratio Lower Upper
43 100
58 32.6 28.1 84.3



#60
Dibromochloromethane
Concen: 1.866 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 129 Resp: 20
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 45.253 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

FA19-7338B

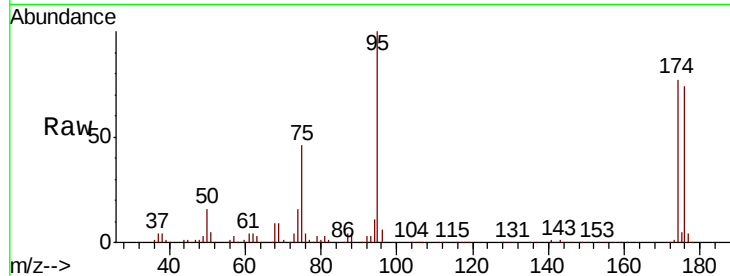
Tot Ion: 95 Resp: 113355

Ion Ratio Lower Upper

95 100

174 73.6 0.0 143.4

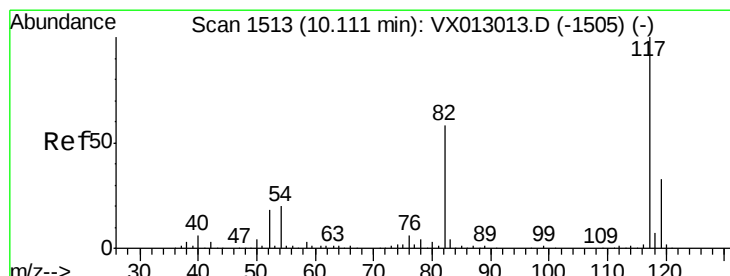
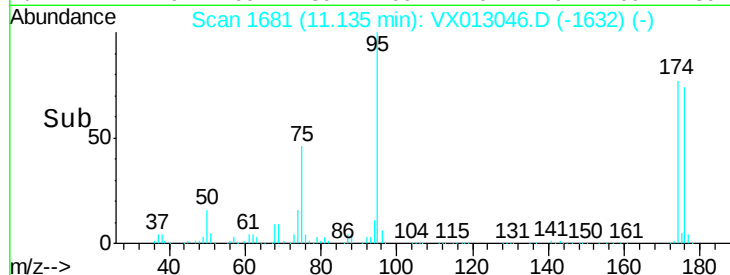
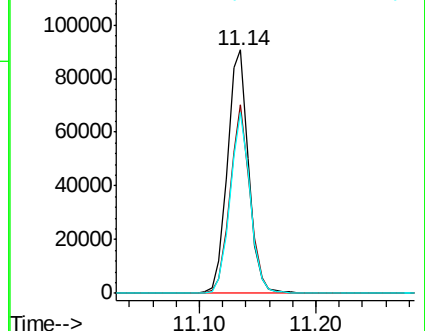
176 71.3 0.0 136.0



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: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

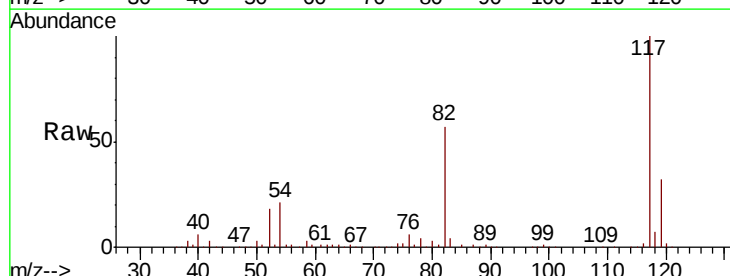
Tgt Ion: 117 Resp: 240721

Ion Ratio Lower Upper

117 100

82 56.7 44.1 66.1

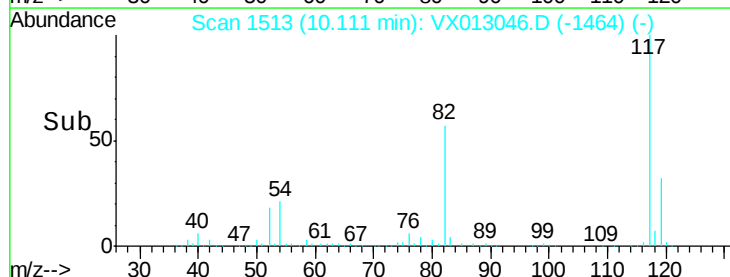
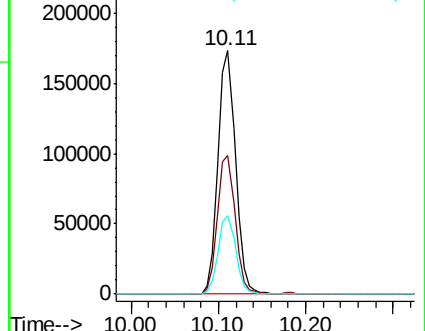
119 32.3 25.8 38.8

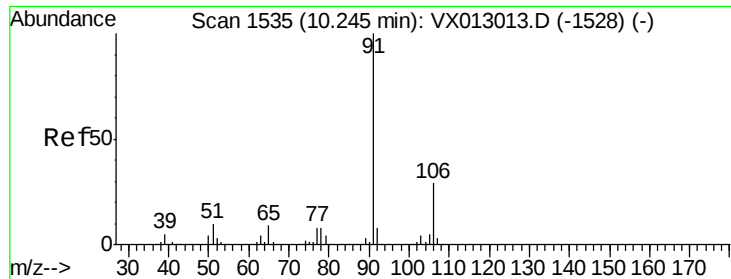


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

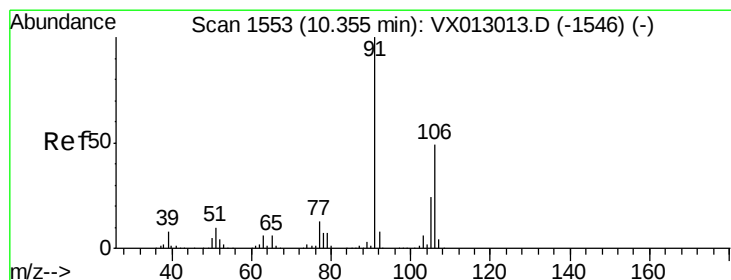
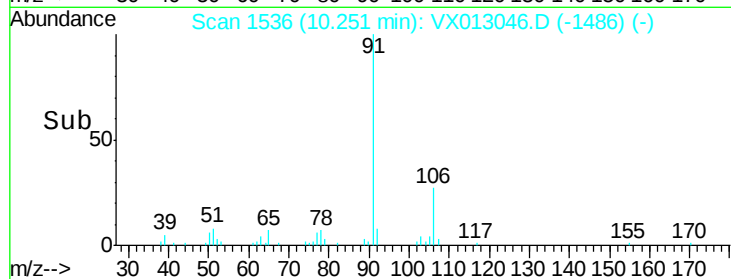
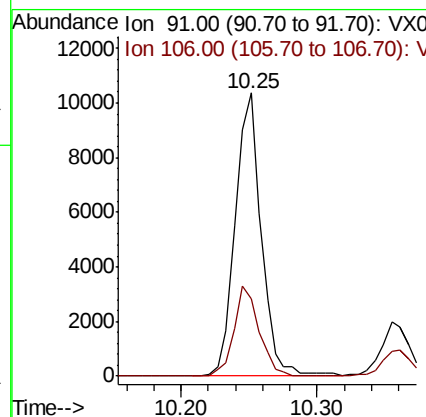
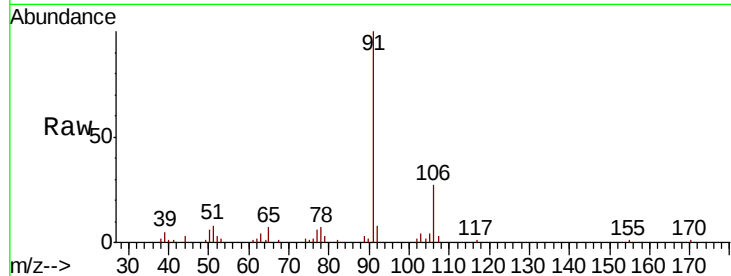




#67
Ethyl Benzene
Concen: 1.627 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

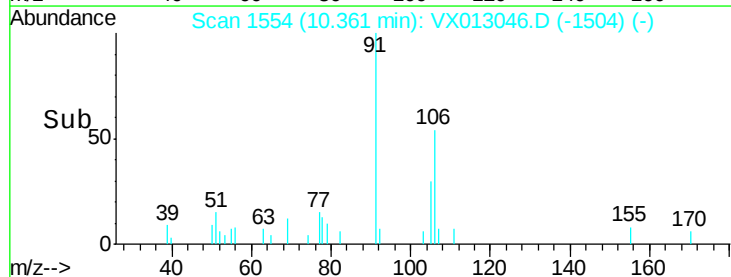
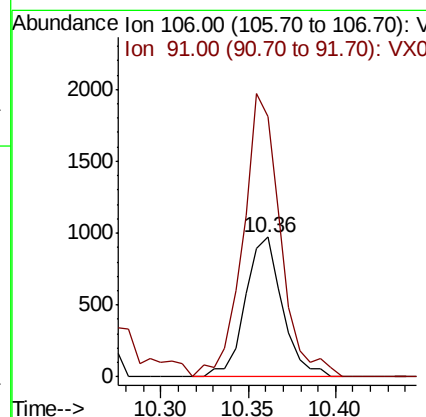
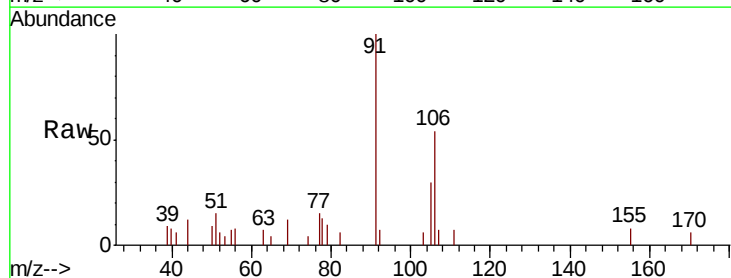
Instrument :
MSVOA_X
ClientSampled :
FA19-7338B

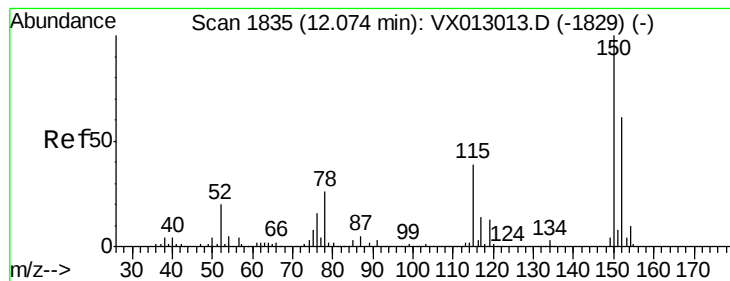
Tot Ion: 91 Resp: 13816
Ion Ratio Lower Upper
91 100
106 27.4 23.9 35.9



#68
m/p-Xylenes
Concen: 0.451 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX013046.D
Acq: 14 Oct 2019 12:59

Tgt Ion: 106 Resp: 1430
Ion Ratio Lower Upper
106 100
91 203.9 165.3 247.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

FA19-7338B

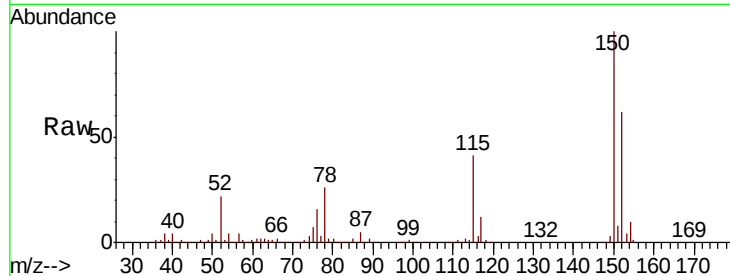
Tot Ion:152 Resp: 96848

Ion Ratio Lower Upper

152 100

115 63.5 44.5 133.5

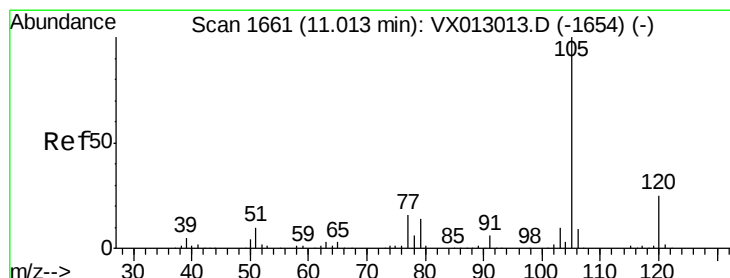
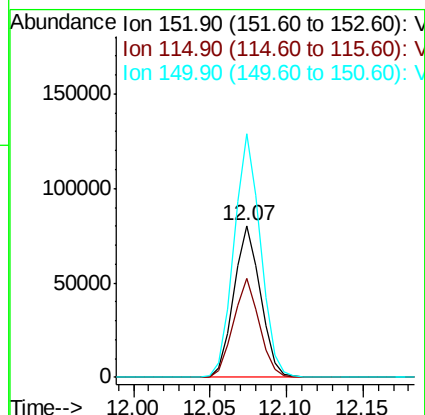
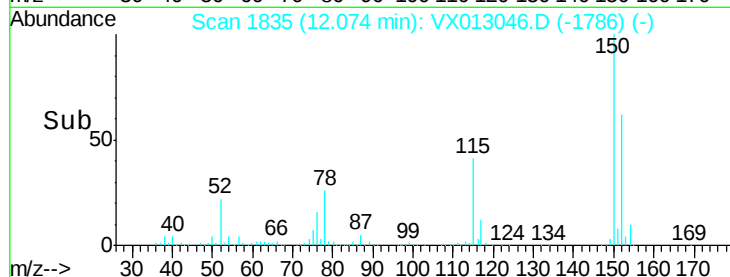
150 159.4 0.0 353.4



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: 0.739 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013046.D

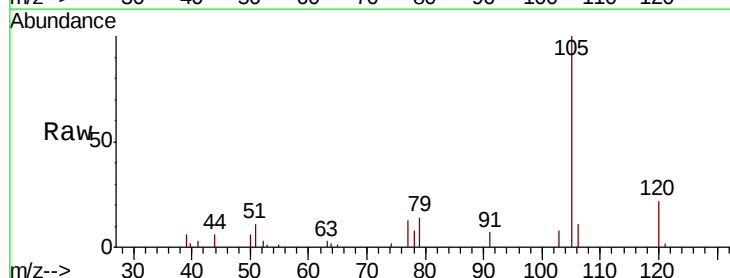
Acq: 14 Oct 2019 12:59

Tgt Ion:105 Resp: 5260

Ion Ratio Lower Upper

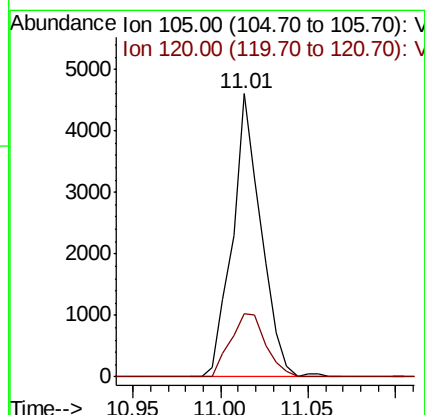
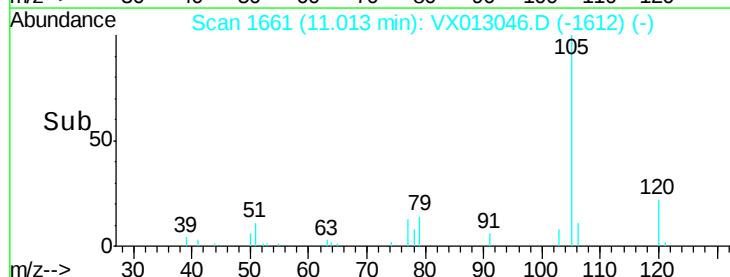
105 100

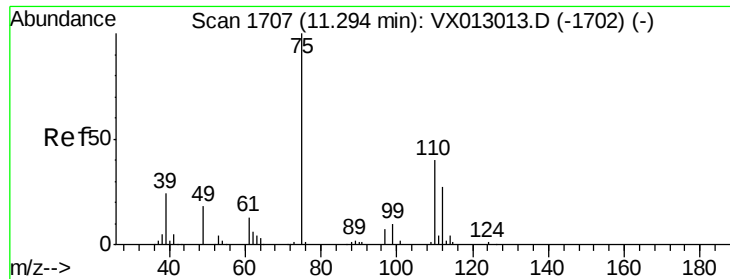
120 27.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

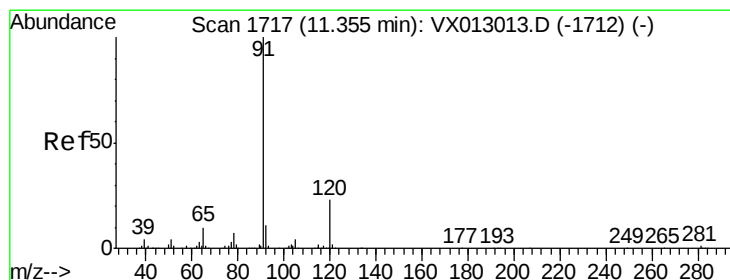
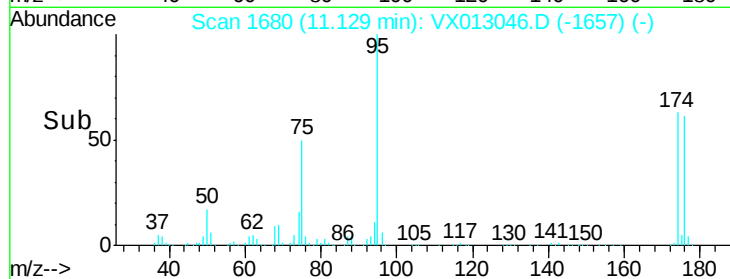
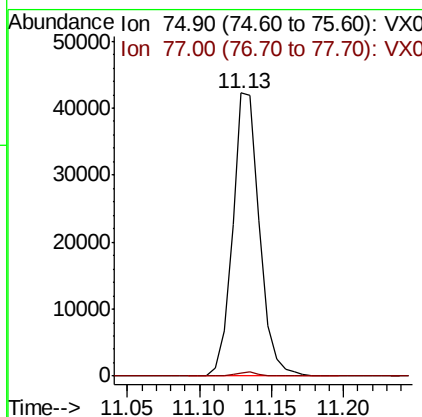
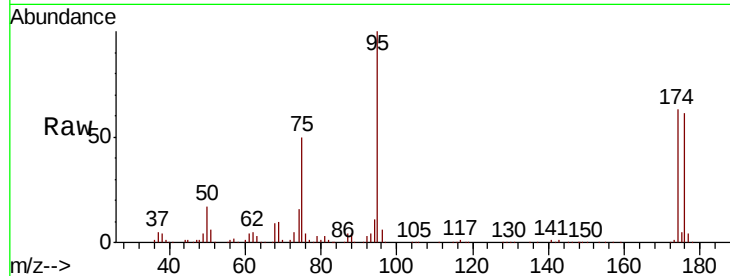




#76
 1,2,3-Trichloropropane
 Concen: 25.629 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

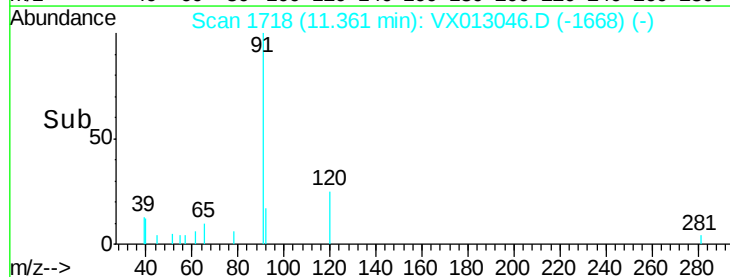
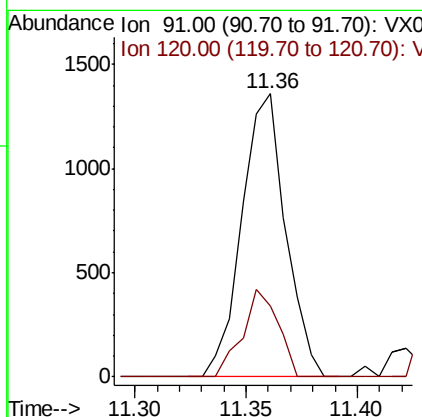
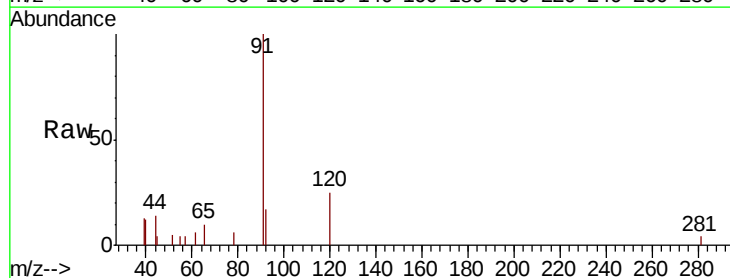
Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-7338B

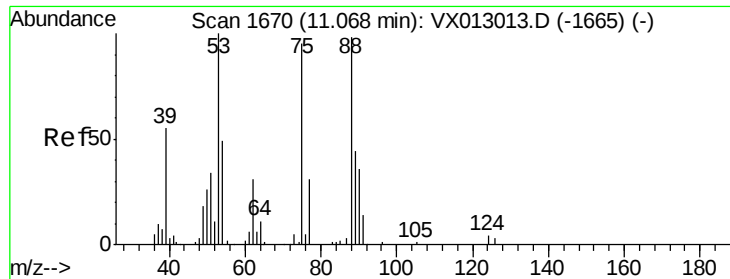
Tot Ion: 75 Resp: 55054
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.9 68.8#



#78
 n-propylbenzene
 Concen: 0.238 ug/l
 RT: 11.36 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: VX013046.D
 Acq: 14 Oct 2019 12:59

Tgt Ion: 91 Resp: 1867
 Ion Ratio Lower Upper
 91 100
 120 25.0 11.7 35.1





#81

trans-1,4-Dichloro-2-butene

Concen: 64.606 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampled :

FA19-7338B

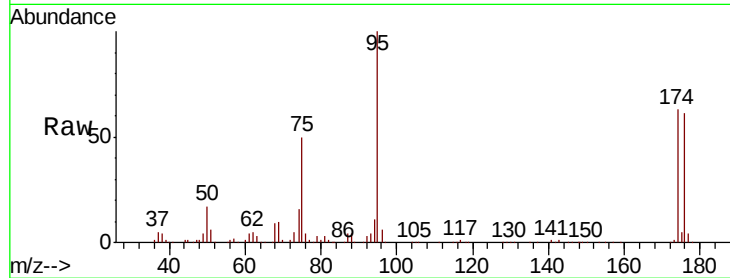
Tot Ion: 75 Resp: 55054

Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

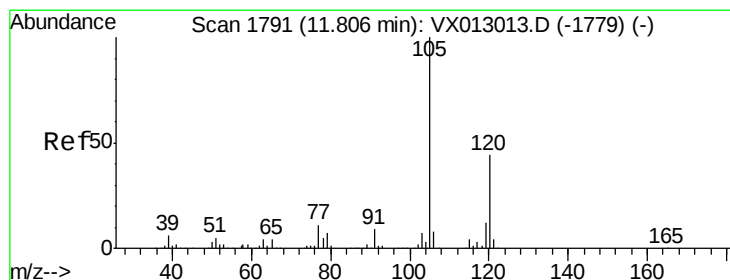
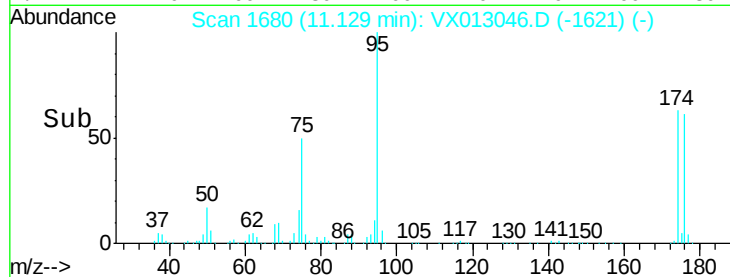
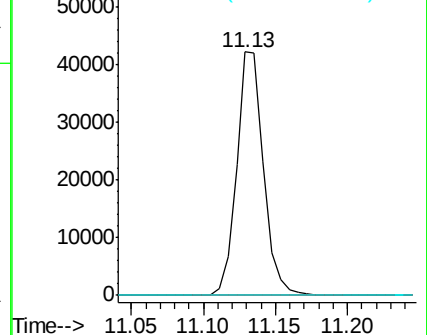
89 0.1 37.4 56.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.254 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX013046.D

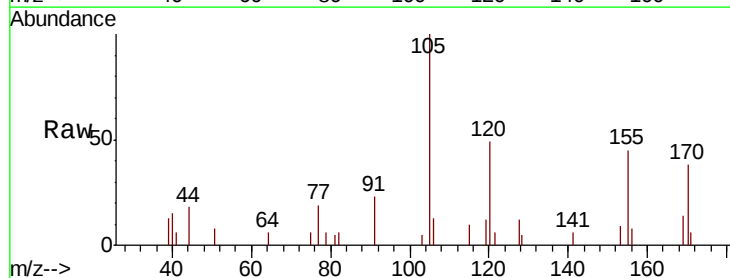
Acq: 14 Oct 2019 12:59

Tgt Ion: 105 Resp: 1531

Ion Ratio Lower Upper

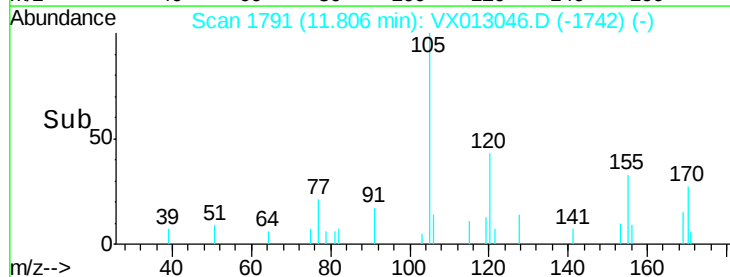
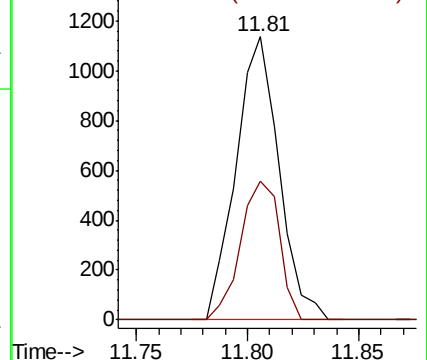
105 100

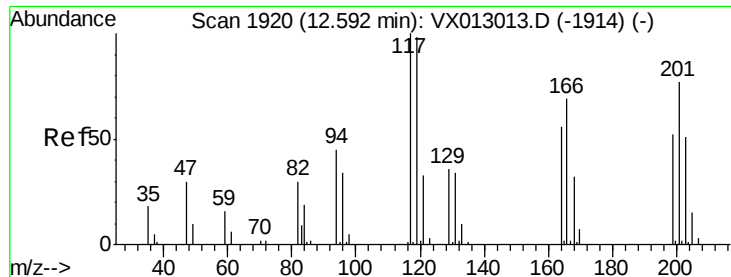
120 44.5 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 3.181 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX013046.D

Acq: 14 Oct 2019 12:59

Instrument :

MSVOA_X

ClientSampleId :

FA19-7338B

Tot Ion:117 Resp: 1281

Ion Ratio Lower Upper

117 100

201 0.0 36.9 110.7#

