

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX093019\
 Data File : VX012718.D
 Acq On : 30 Sep 2019 20:13
 Operator : JC/SP
 Sample : K5081-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925

Quant Time: Oct 01 03:50:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288586	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81738	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	116179	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.49	113	86289	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	8.71	98	337355	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.14	95	109939	42.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.48%	

Target Compounds

						Qvalue
3) Chloromethane	1.31	50	890	0.406	ug/l	100
5) Bromomethane	1.64	94	691	0.807	ug/l #	75
6) Chloroethane	1.73	64	429	0.292	ug/l #	73
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1448	0.778	ug/l	94
10) Methyl Iodide	2.50	142	866	5.351	ug/l #	87
11) Tert butyl alcohol	3.02	59	1332	2.160	ug/l #	90
12) 1,1-Dichloroethene	2.37	96	423	0.232	ug/l #	69
13) Acrolein	2.29	56	309	11.095	ug/l #	13
15) Acrylonitrile	3.14	53	697	0.557	ug/l #	78
16) Acetone	2.43	43	10202	7.801	ug/l #	83
17) Carbon Disulfide	2.56	76	3201	0.626	ug/l #	93
18) Methyl Acetate	2.78	43	685	0.222	ug/l #	54
21) trans-1,2-Dichloroethene	3.17	96	587	0.291	ug/l #	58
24) 1,1-Dichloroethane	3.69	63	5479	1.442	ug/l #	94
29) Tetrahydrofuran	5.13	42	301	0.263	ug/l #	34
32) 1,1,1-Trichloroethane	5.49	97	11379	3.303	ug/l	99
38) Carbon Tetrachloride	5.65	117	18992	6.721	ug/l #	17
44) Trichloroethene	7.22	130	1766	0.844	ug/l	76
49) 1,4-Dioxane	7.77	88	25	0.423	ug/l #	73
64) Tetrachloroethene	9.34	164	541	0.327	ug/l #	59
68) m/p-Xylenes	10.36	106	816	0.240	ug/l	95
76) 1,2,3-Trichloropropane	11.13	75	56265	26.022	ug/l #	38
78) n-propylbenzene	11.35	91	1577	0.210	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	56265	74.574	ug/l #	8
82) 4-Chlorotoluene	11.51	91	1489	0.279	ug/l	98
86) p-Isopropyltoluene	12.06	119	1228	0.217	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	1073	0.396	ug/l	93
88) 1,4-Dichlorobenzene	12.03	146	1073	0.392	ug/l	93
89) n-Butylbenzene	12.39	91	1461	0.293	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	649	0.239	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	1067	0.645	ug/l	93
94) Hexachlorobutadiene	13.78	225	344	0.483	ug/l	90
95) Naphthalene	13.83	128	3385	0.565	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	1078	0.650	ug/l	85

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QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

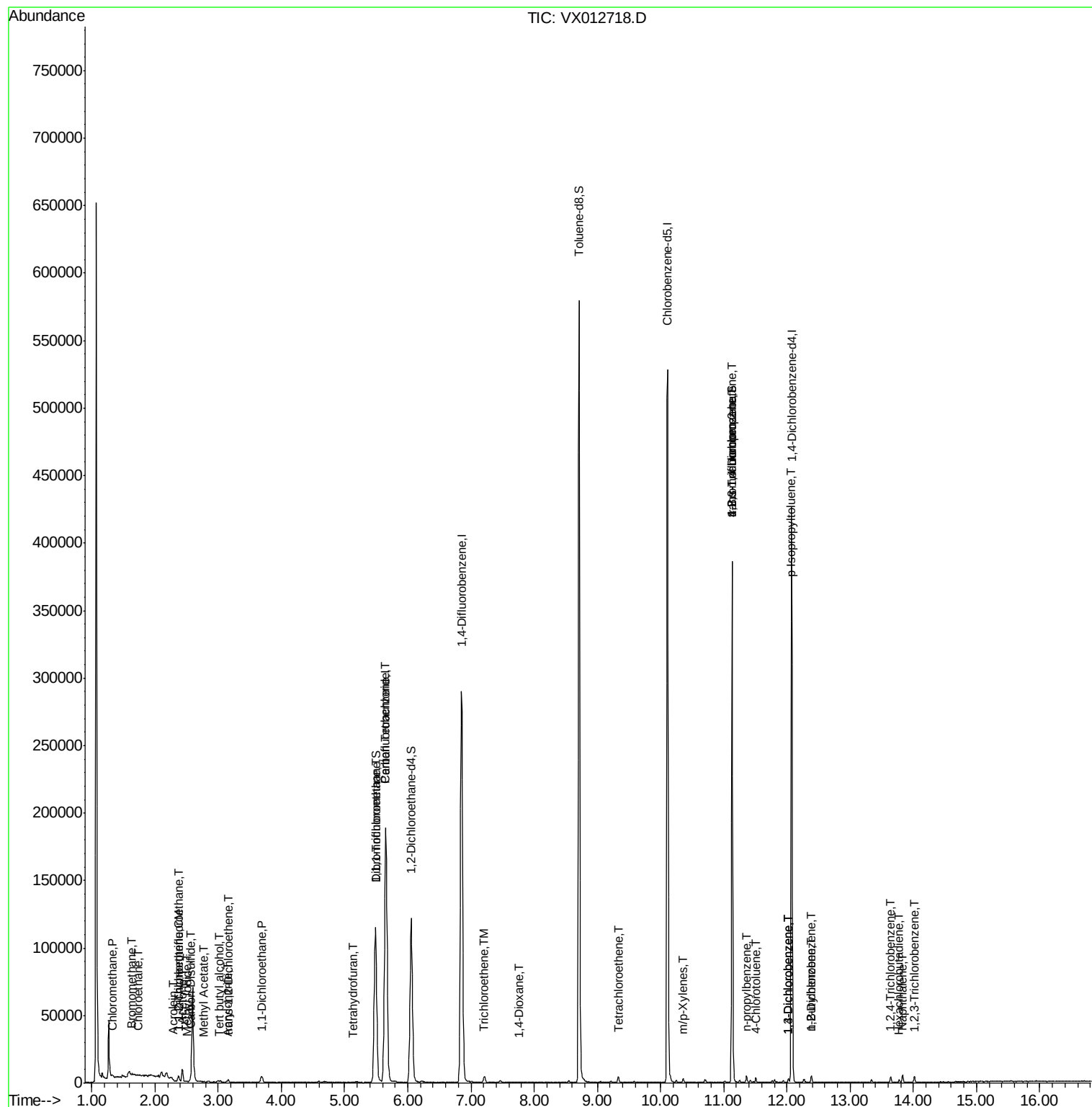
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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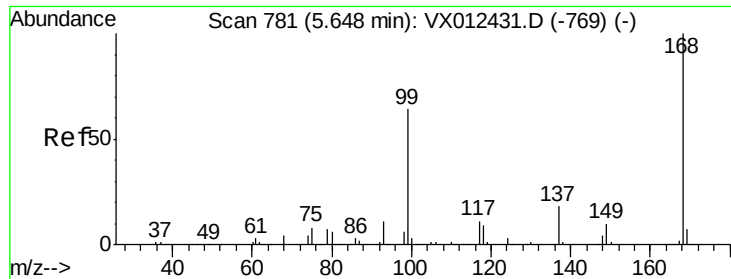
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

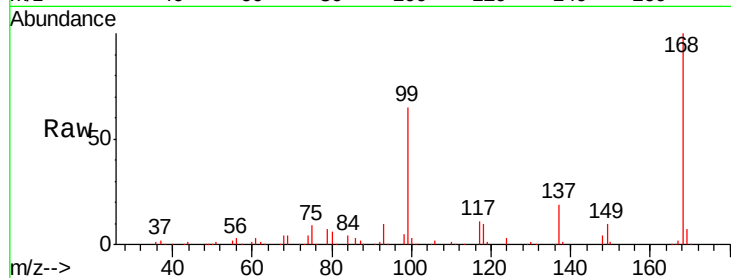
FT-DUP04-20190925

Tgt Ion:168 Resp: 169556

Ion Ratio Lower Upper

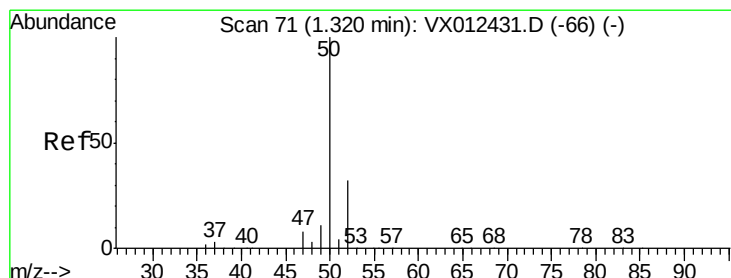
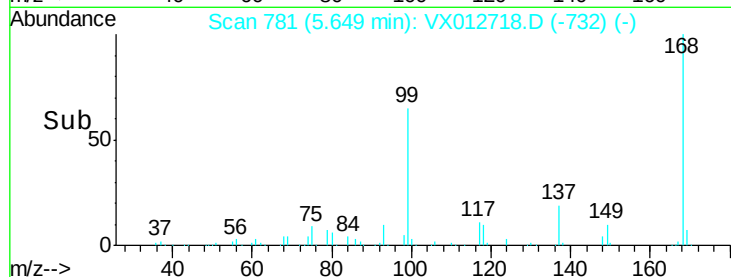
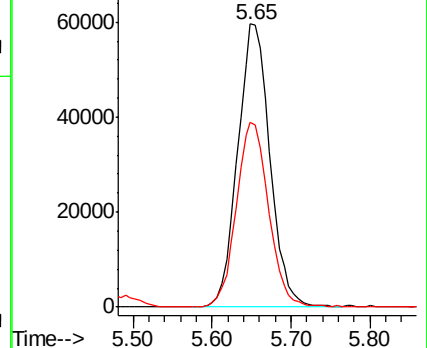
168 100

99 65.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.406 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012718.D

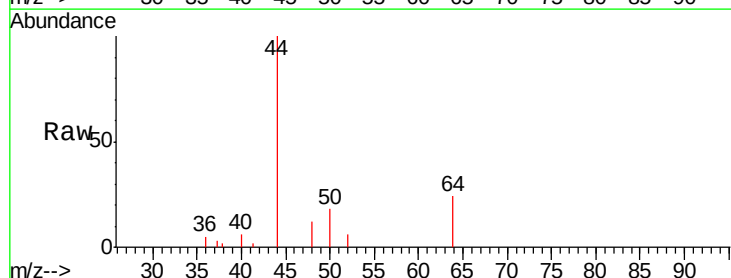
Acq: 30 Sep 2019 20:13

Tgt Ion: 50 Resp: 890

Ion Ratio Lower Upper

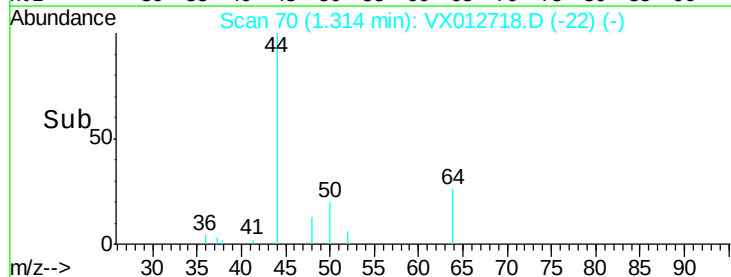
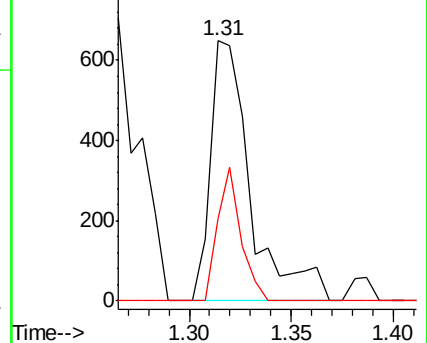
50 100

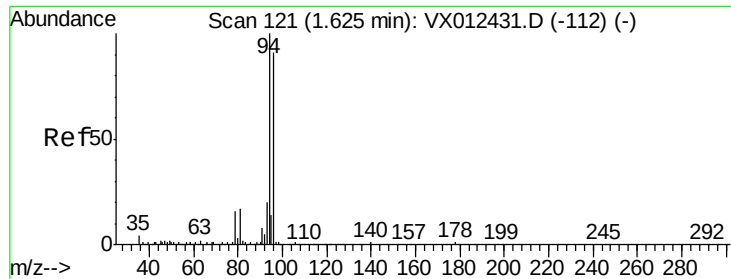
52 31.9 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.807 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

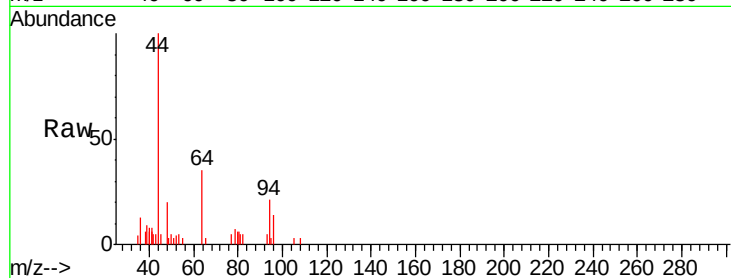
FT-DUP04-20190925

Tgt Ion: 94 Resp: 691

Ion Ratio Lower Upper

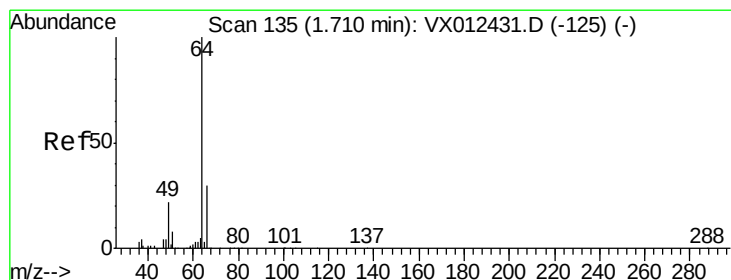
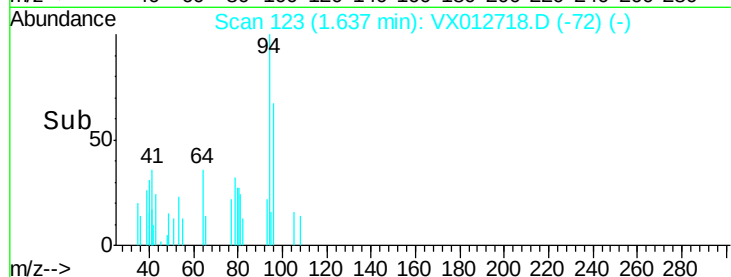
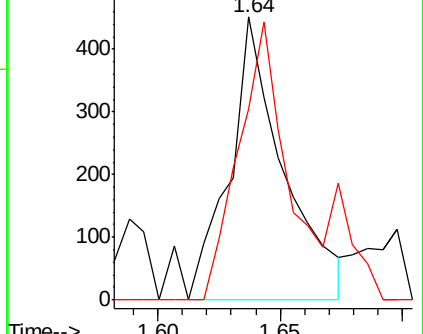
94 100

96 67.5 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.292 ug/l

RT: 1.73 min Scan# 139

Delta R.T. 0.02 min

Lab File: VX012718.D

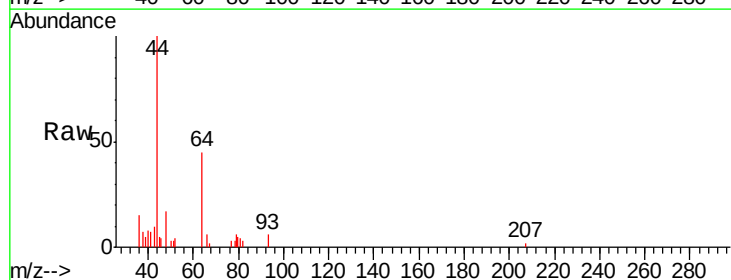
Acq: 30 Sep 2019 20:13

Tgt Ion: 64 Resp: 429

Ion Ratio Lower Upper

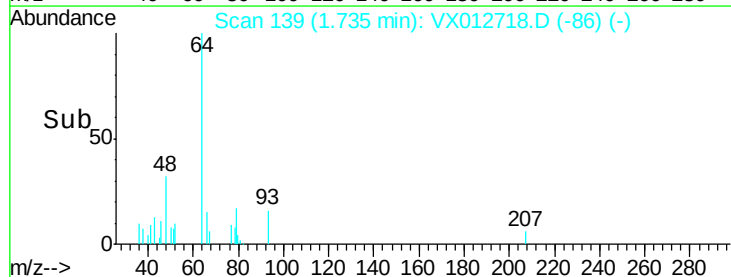
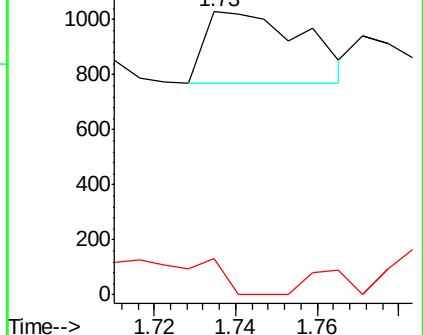
64 100

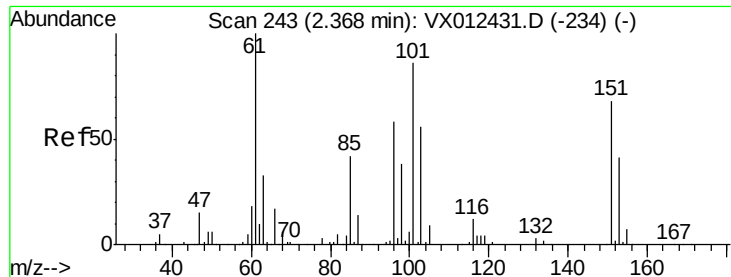
66 15.1 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.778 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925

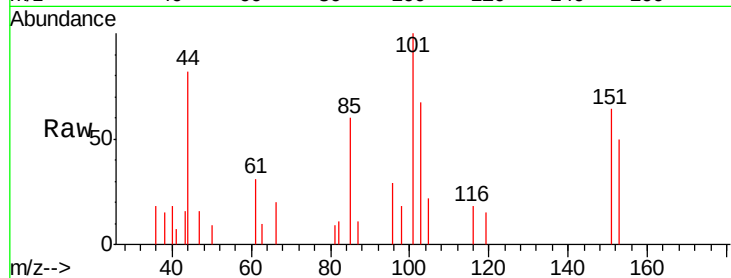
Tgt Ion:101 Resp: 1448

Ion Ratio Lower Upper

101 100

85 50.6 37.3 55.9

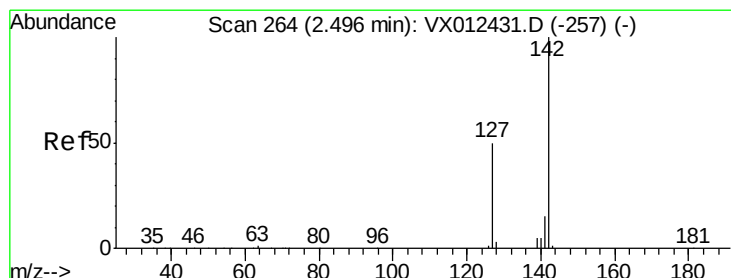
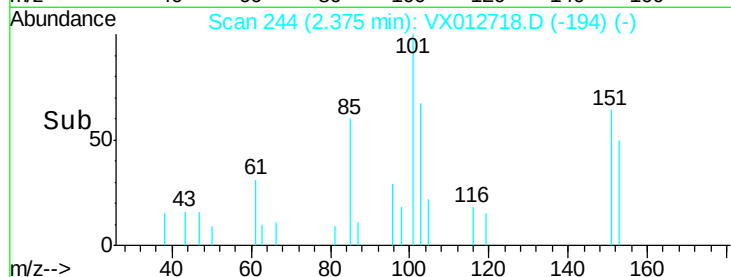
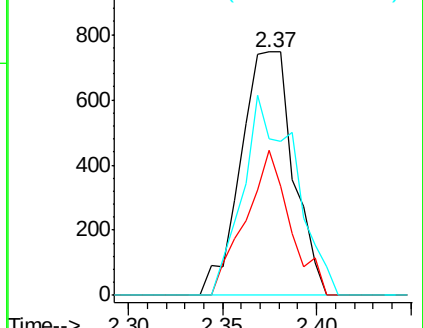
151 81.6 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.351 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

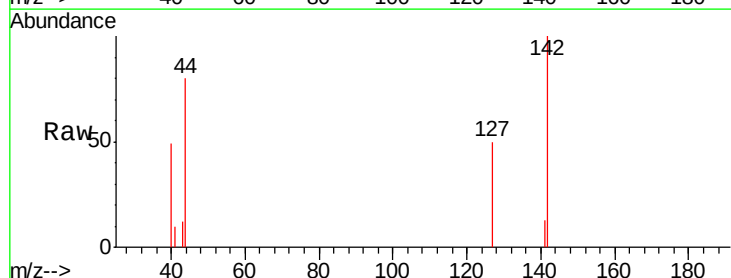
Tgt Ion:142 Resp: 866

Ion Ratio Lower Upper

142 100

127 40.3 40.8 61.2#

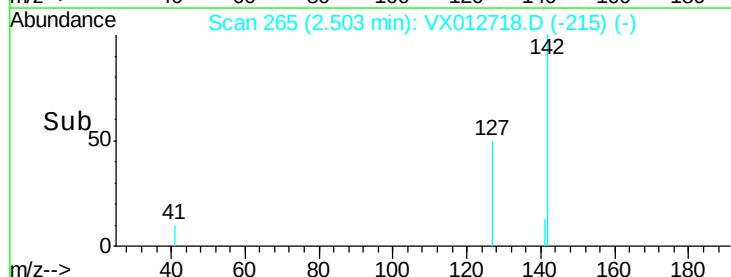
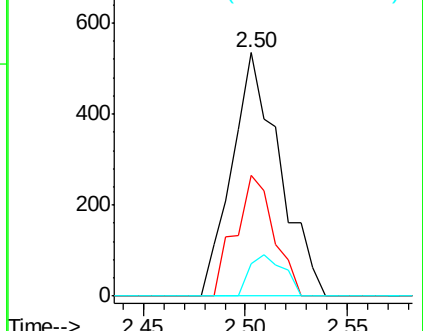
141 12.1 12.1 18.1

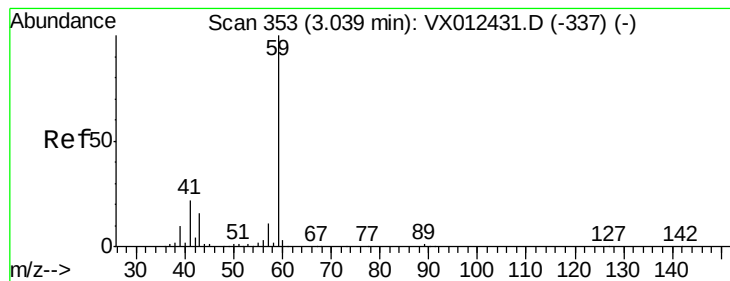


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



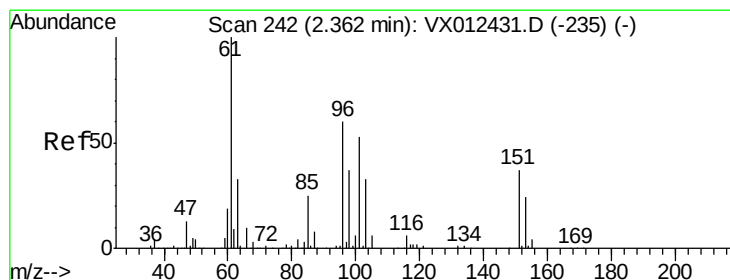
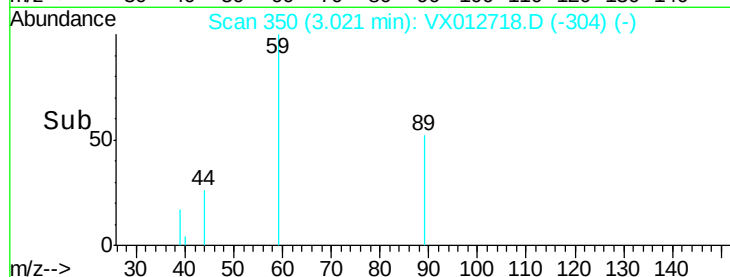
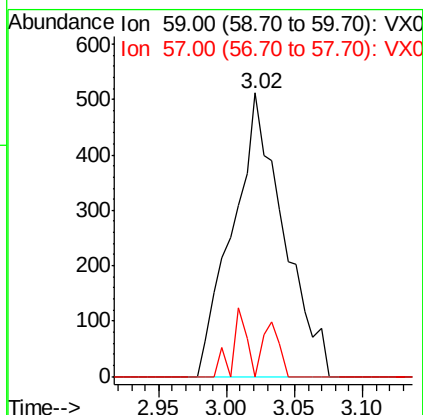
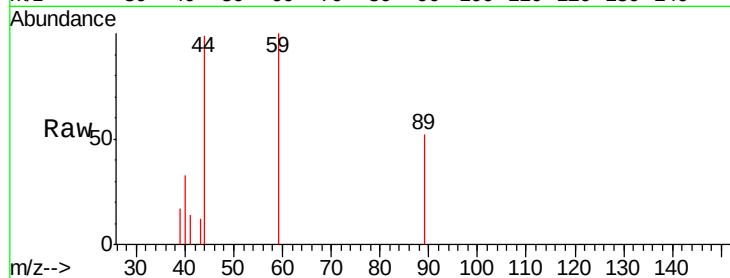


#11

Tert butyl alcohol
 Concen: 2.160 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.02 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925

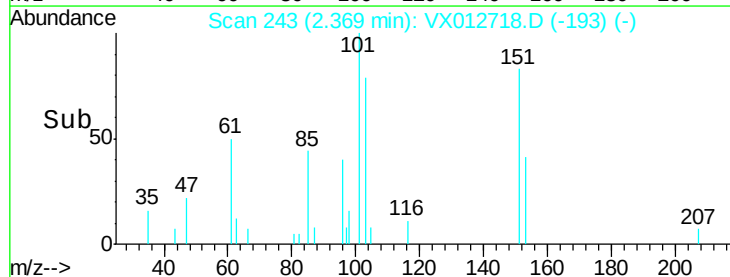
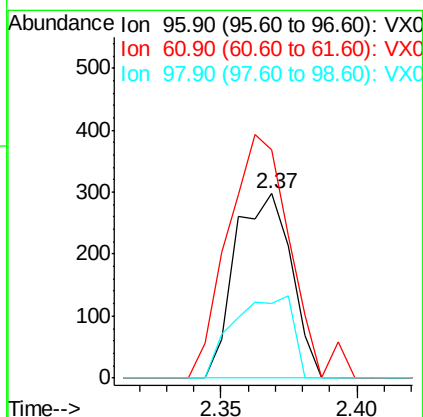
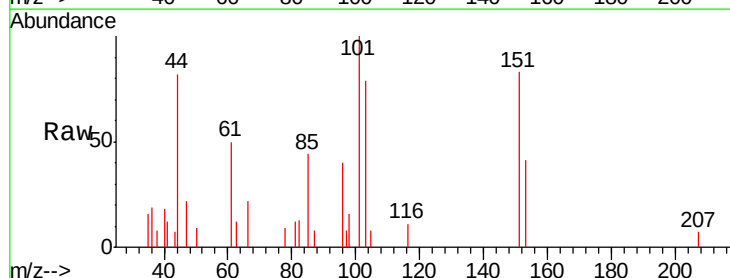
Tgt Ion: 59 Resp: 1332
 Ion Ratio Lower Upper
 59 100
 57 6.8 8.3 12.5#

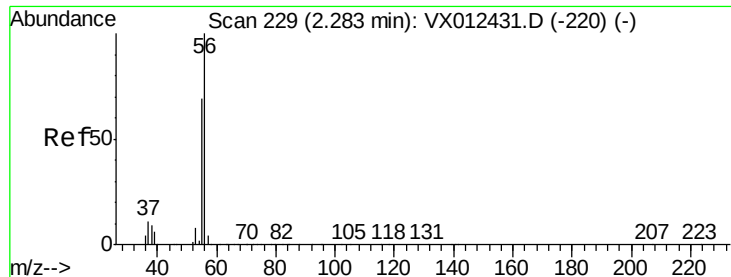


#12

1,1-Dichloroethene
 Concen: 0.232 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

Tgt Ion: 96 Resp: 423
 Ion Ratio Lower Upper
 96 100
 61 124.2 133.8 200.6#
 98 40.4 49.9 74.9#





#13

Acrolein

Concen: 11.095 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

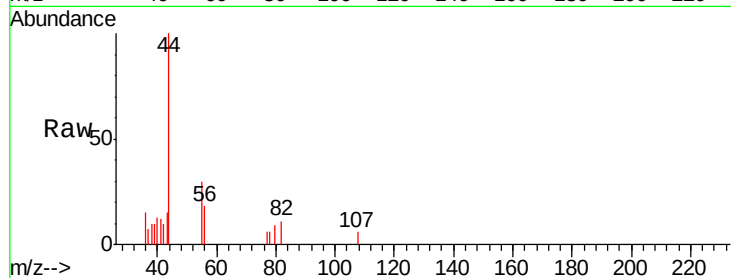
FT-DUP04-20190925

Tgt Ion: 56 Resp: 309

Ion Ratio Lower Upper

56 100

55 141.4 55.8 83.8#

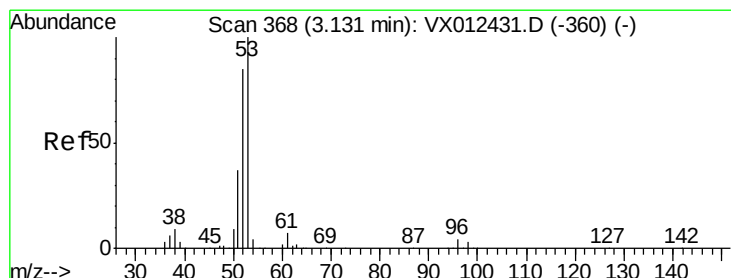
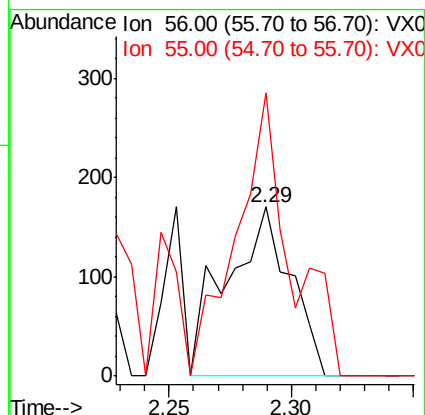
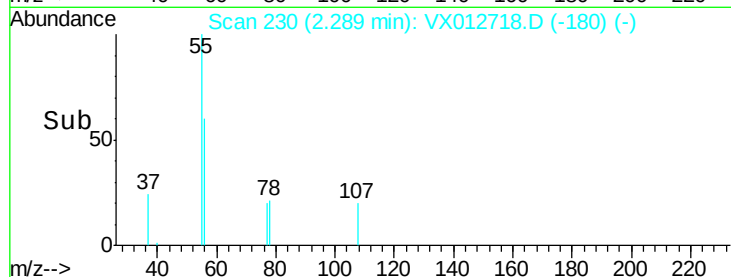


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

Time-->



#15

Acrylonitrile

Concen: 0.557 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

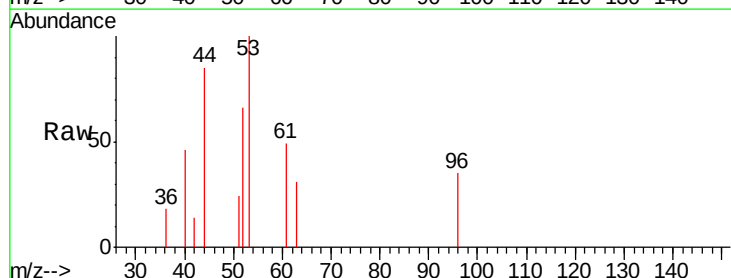
Tgt Ion: 53 Resp: 697

Ion Ratio Lower Upper

53 100

52 69.9 67.0 100.4

51 14.1 29.6 44.4#



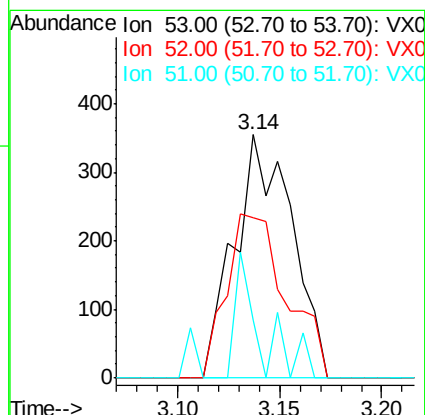
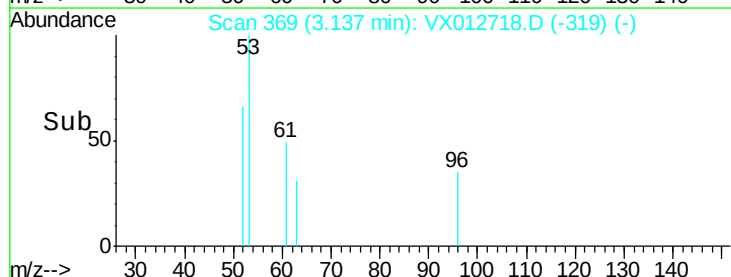
Abundance Ion 53.00 (52.70 to 53.70): VX0

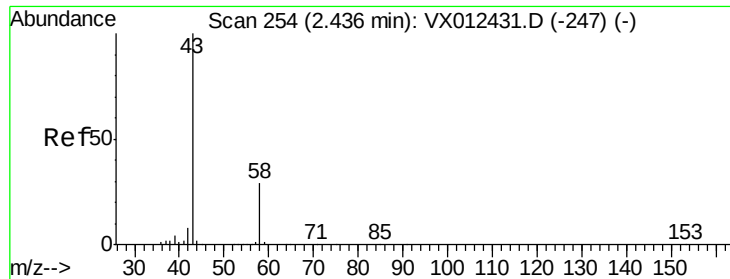
Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.14

Time-->





#16

Acetone

Concen: 7.801 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

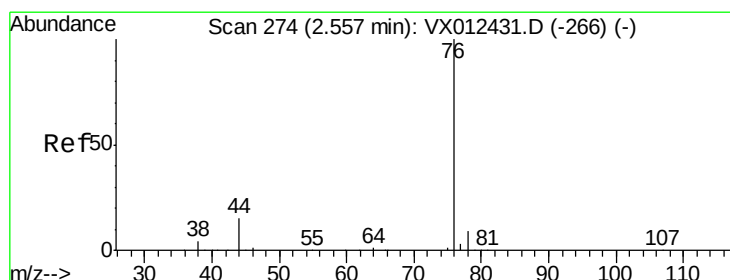
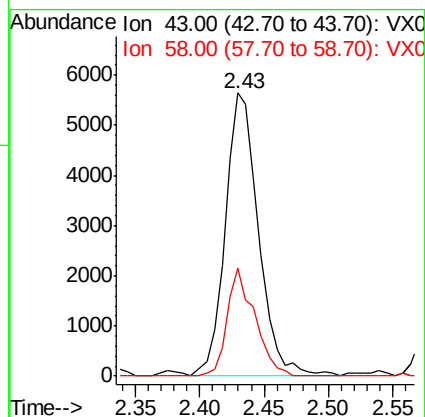
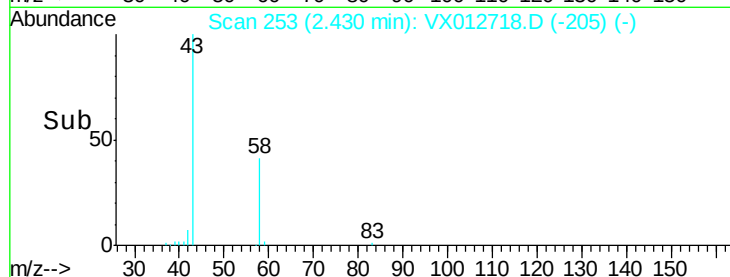
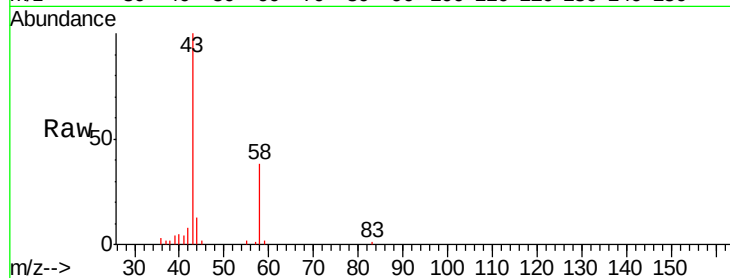
FT-DUP04-20190925

Tgt Ion: 43 Resp: 10202

Ion Ratio Lower Upper

43 100

58 38.3 23.3 34.9#



#17

Carbon Disulfide

Concen: 0.626 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012718.D

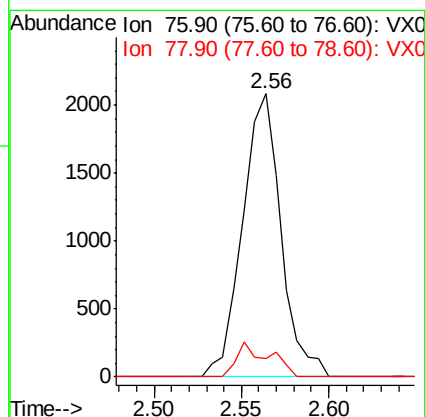
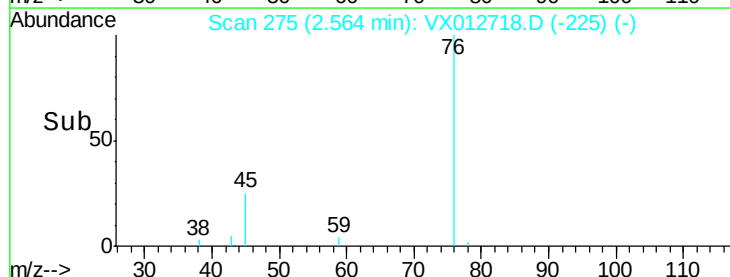
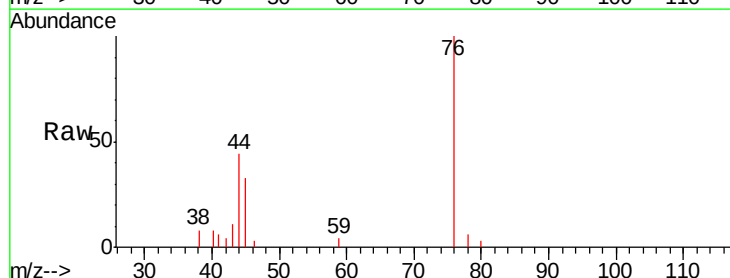
Acq: 30 Sep 2019 20:13

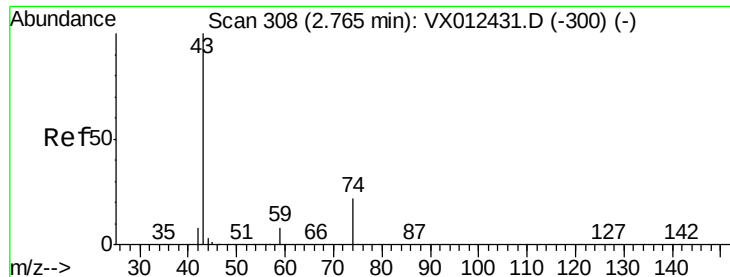
Tgt Ion: 76 Resp: 3201

Ion Ratio Lower Upper

76 100

78 6.4 7.3 10.9#

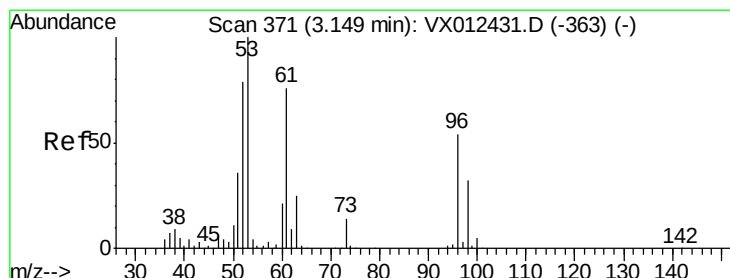
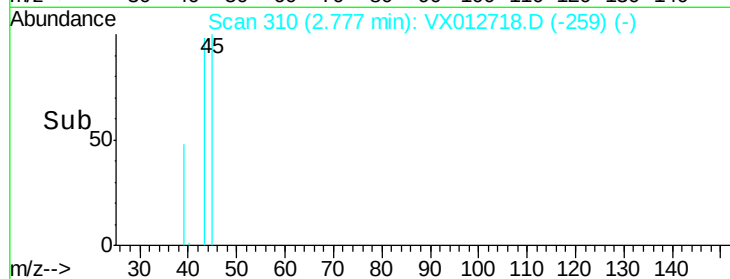
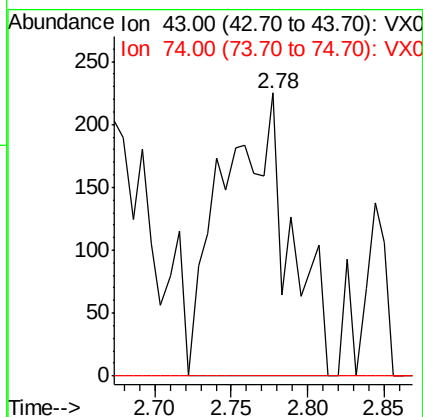
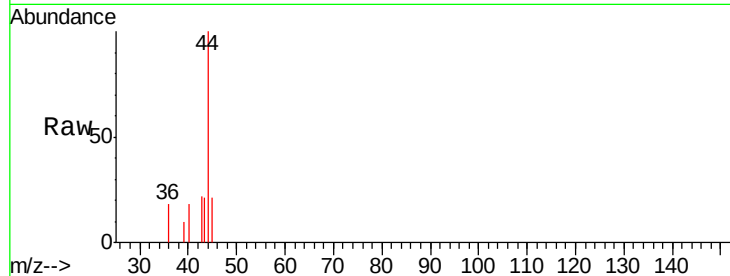




#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 2.78 min Scan# 310
Delta R.T. 0.01 min
Lab File: VX012718.D
Acq: 30 Sep 2019 20:13

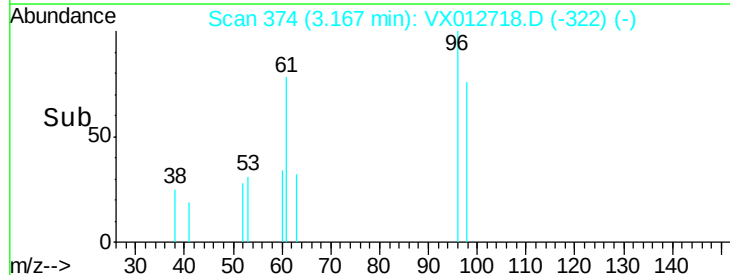
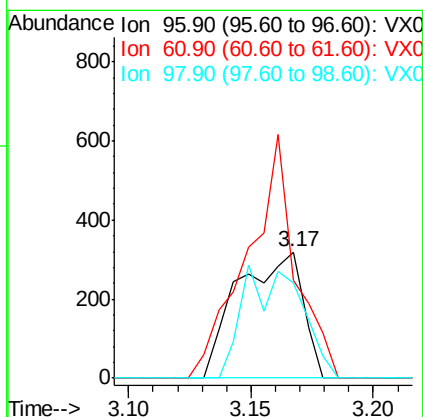
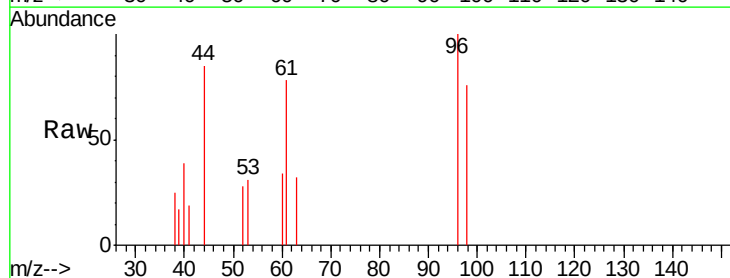
Instrument :
MSVOA_X
ClientSampleId :
FT-DUP04-20190925

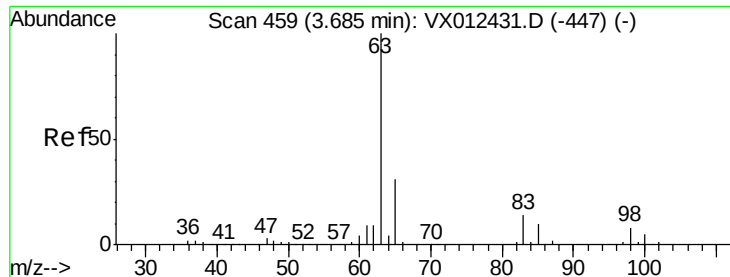
Tgt Ion: 43 Resp: 685
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#



#21
trans-1,2-Dichloroethene
Concen: 0.291 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.02 min
Lab File: VX012718.D
Acq: 30 Sep 2019 20:13

Tgt Ion: 96 Resp: 587
Ion Ratio Lower Upper
96 100
61 78.1 112.0 168.0#
98 75.9 47.8 71.8#





#24

1,1-Dichloroethane

Concen: 1.442 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925

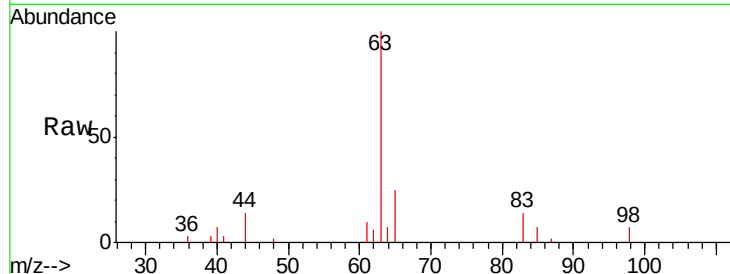
Tgt Ion: 63 Resp: 5479

Ion Ratio Lower Upper

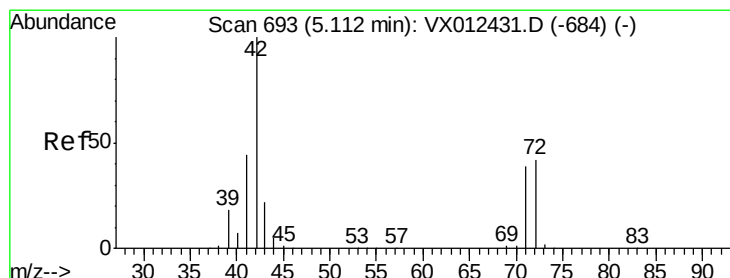
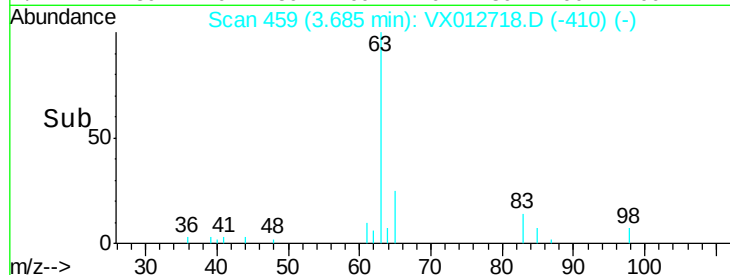
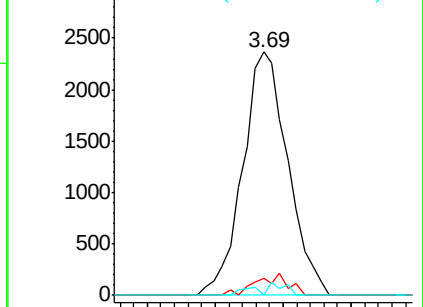
63 100

98 7.1 3.9 11.7

100 0.0 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#29

Tetrahydrofuran

Concen: 0.263 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.02 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

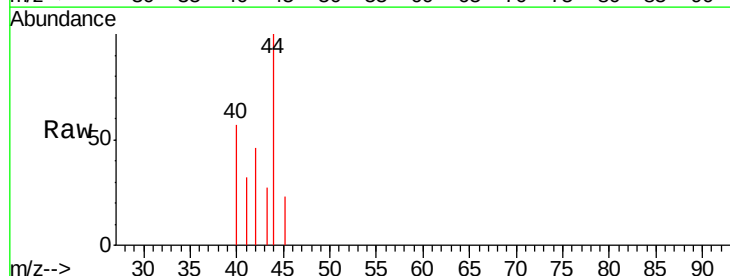
Tgt Ion: 42 Resp: 301

Ion Ratio Lower Upper

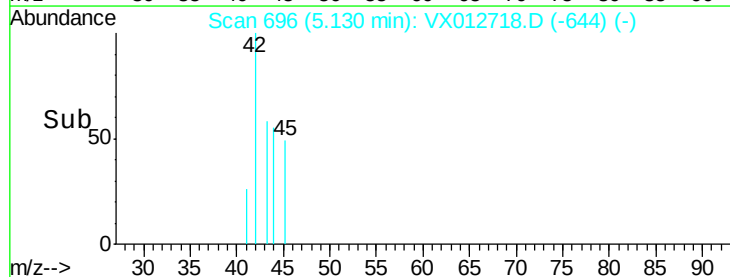
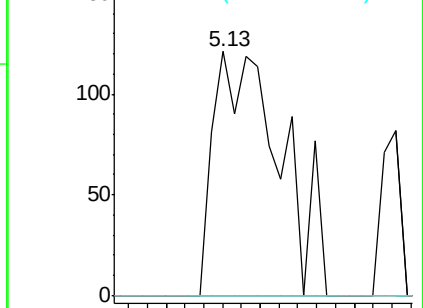
42 100

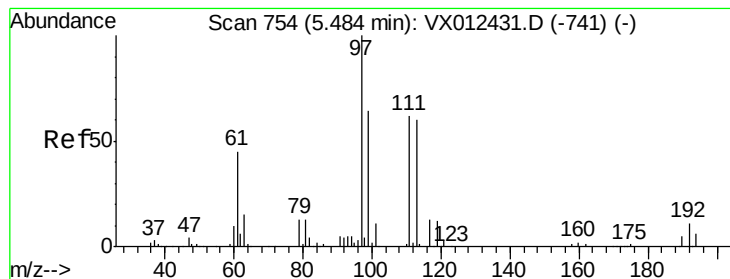
72 0.0 34.0 51.0#

71 0.0 31.5 47.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0





#32

1,1,1-Trichloroethane

Concen: 3.303 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925

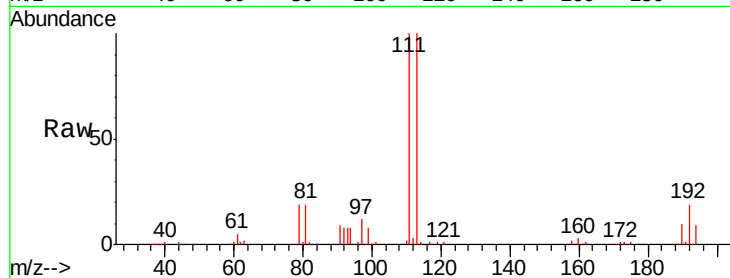
Tgt Ion: 97 Resp: 11379

Ion Ratio Lower Upper

97 100

99 64.3 51.3 76.9

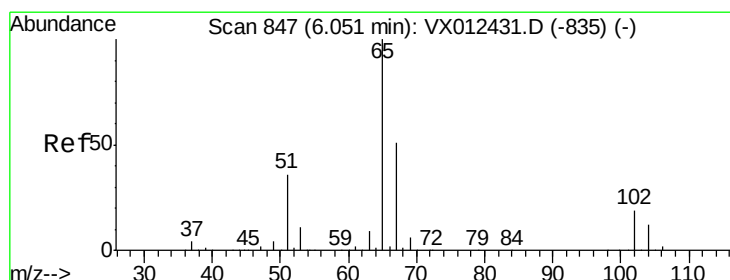
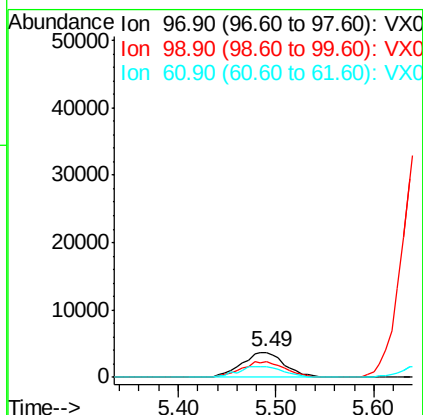
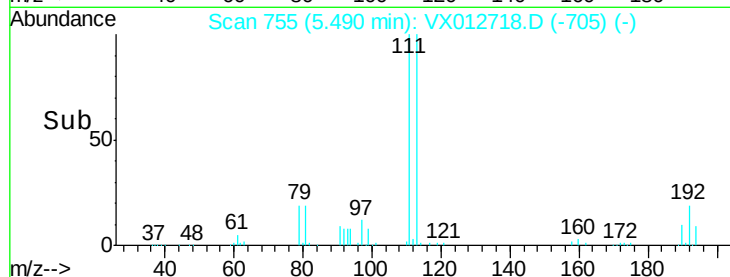
61 45.9 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.054 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012718.D

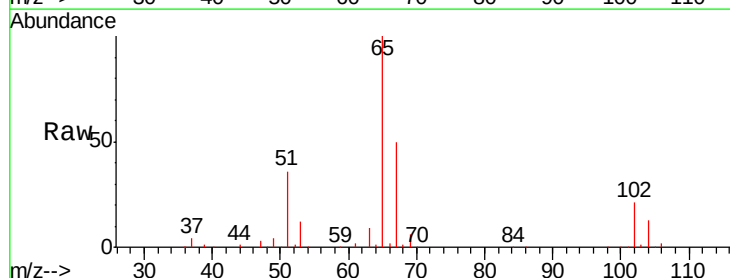
Acq: 30 Sep 2019 20:13

Tgt Ion: 65 Resp: 116179

Ion Ratio Lower Upper

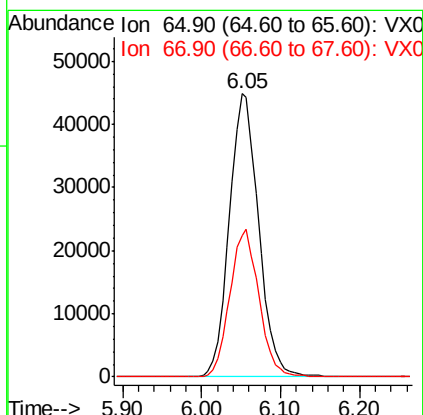
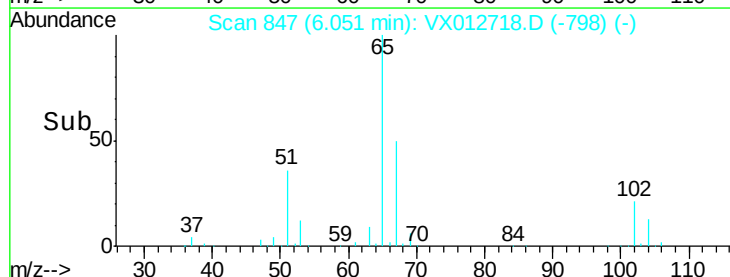
65 100

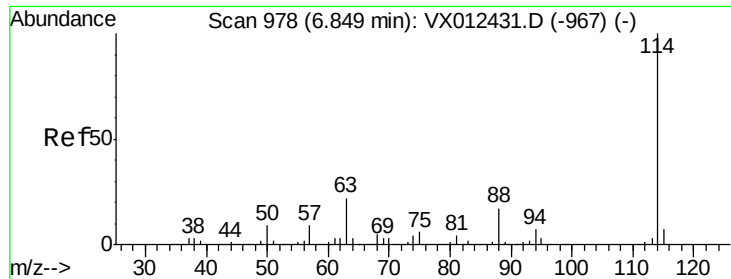
67 51.6 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

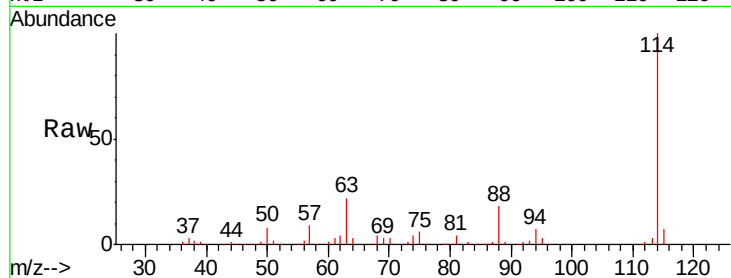




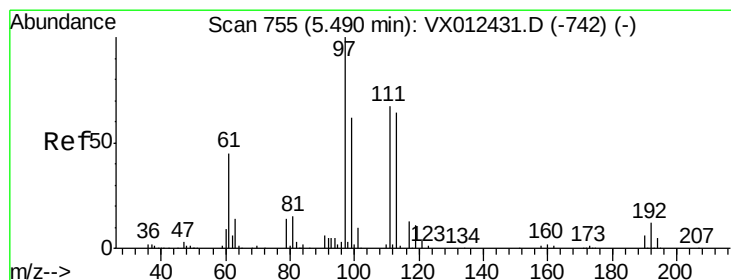
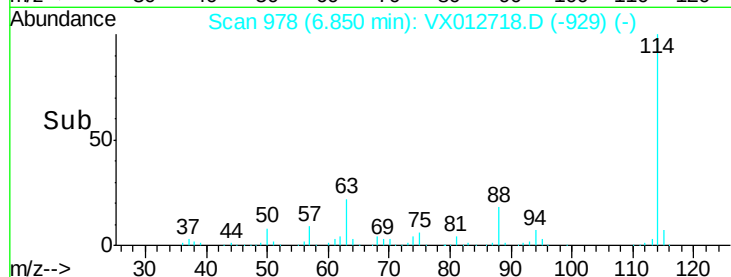
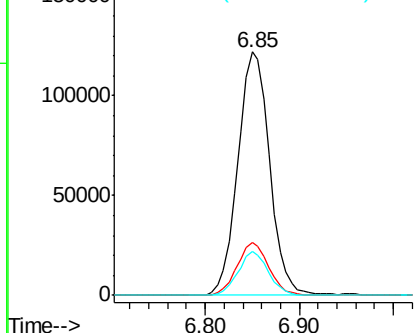
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925

Tgt Ion:114 Resp: 288586
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 17.9 0.0 33.2

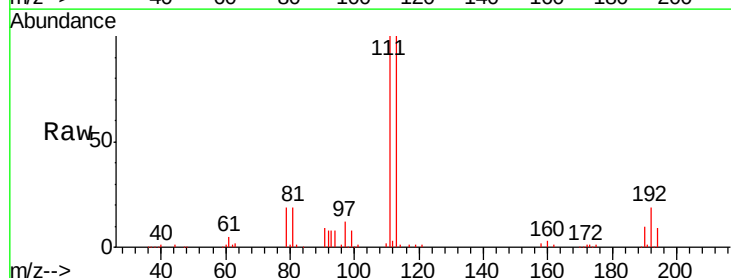


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

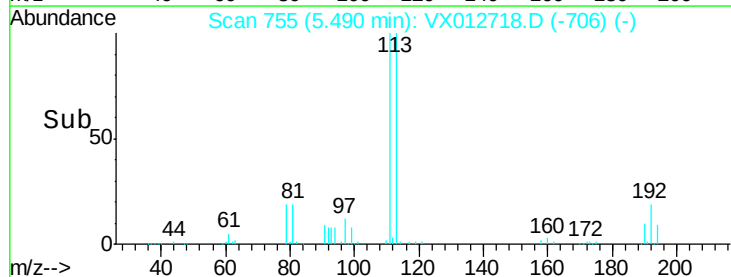
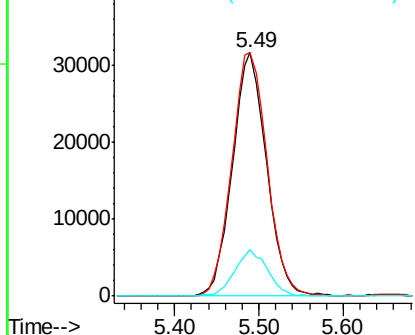


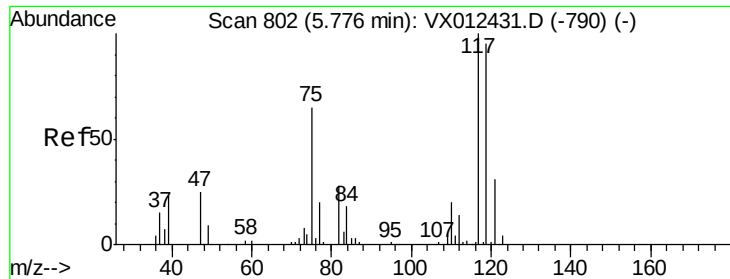
#35
 Dibromofluoromethane
 Concen: 50.207 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

Tgt Ion:113 Resp: 86289
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.4 125.2
 192 18.4 14.4 21.6



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





#38

Carbon Tetrachloride

Concen: 6.721 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925

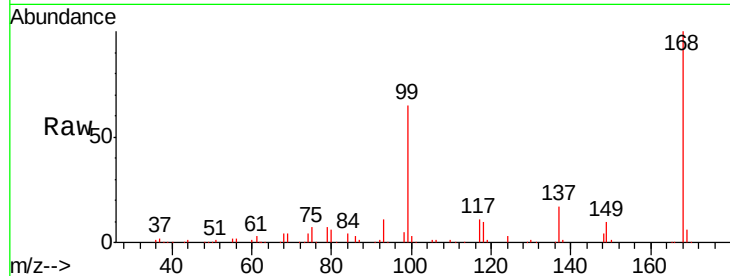
Tgt Ion:117 Resp: 18992

Ion Ratio Lower Upper

117 100

119 5.5 75.7 113.5#

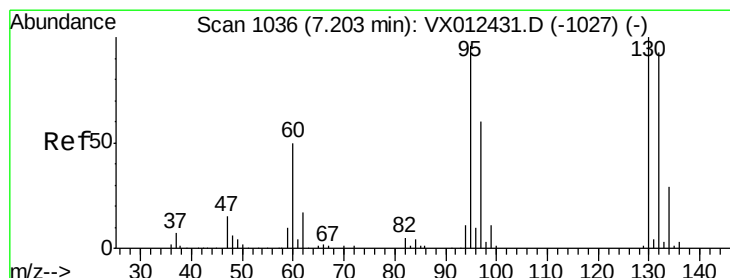
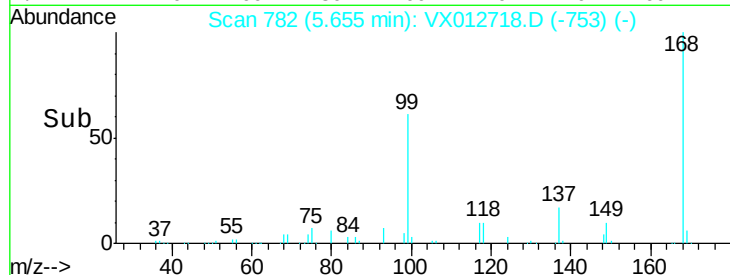
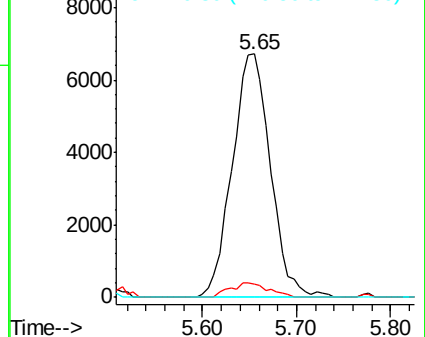
121 0.0 24.2 36.4#



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: 0.844 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX012718.D

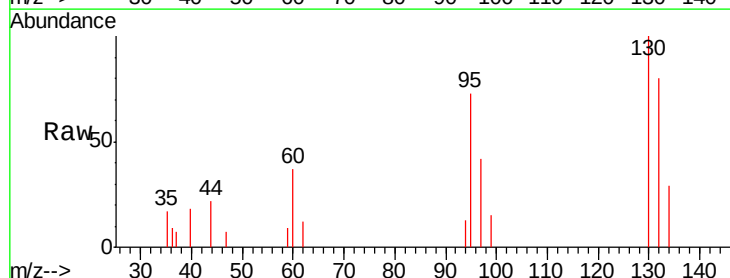
Acq: 30 Sep 2019 20:13

Tgt Ion:130 Resp: 1766

Ion Ratio Lower Upper

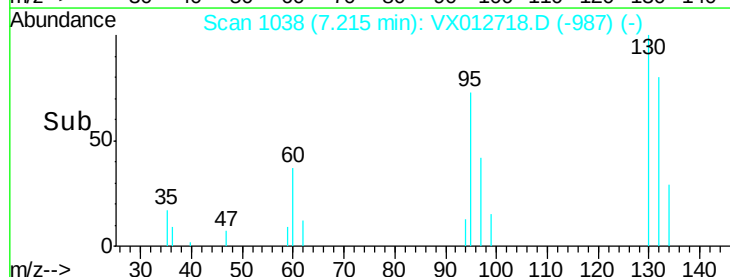
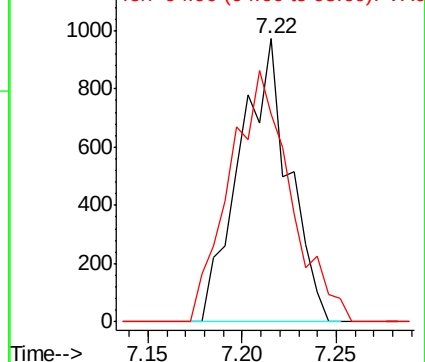
130 100

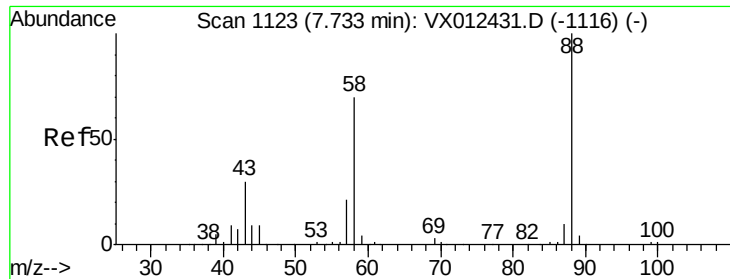
95 73.4 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 0.423 ug/l

RT: 7.77 min Scan# 1129

Delta R.T. 0.04 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925

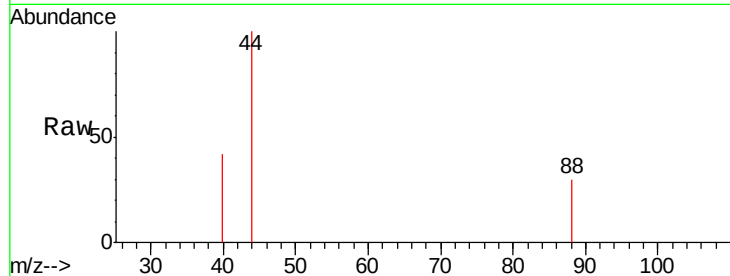
Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 0.0 29.4 44.0#

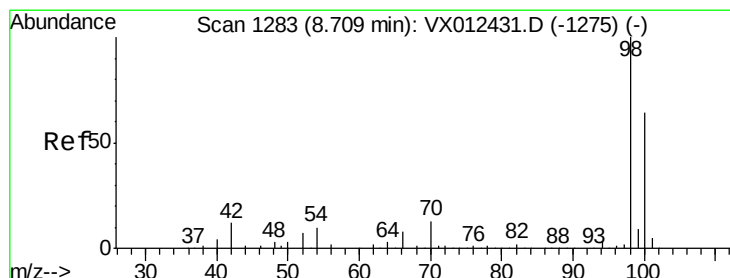
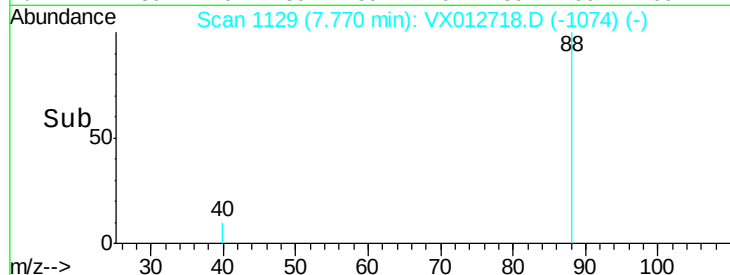
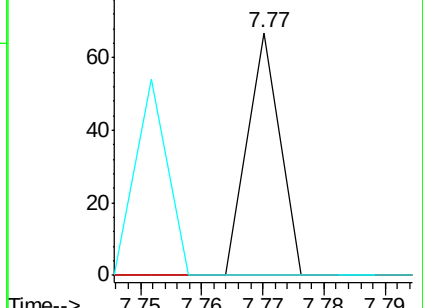
58 80.0 57.5 86.3



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: 50.970 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012718.D

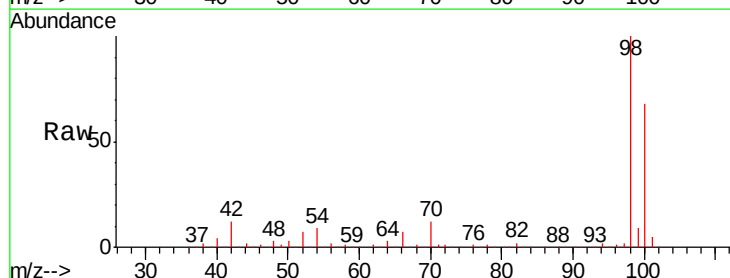
Acq: 30 Sep 2019 20:13

Tgt Ion: 98 Resp: 337355

Ion Ratio Lower Upper

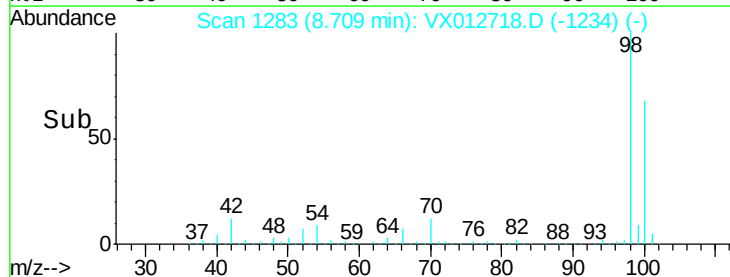
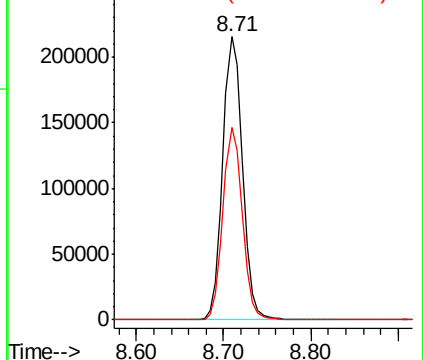
98 100

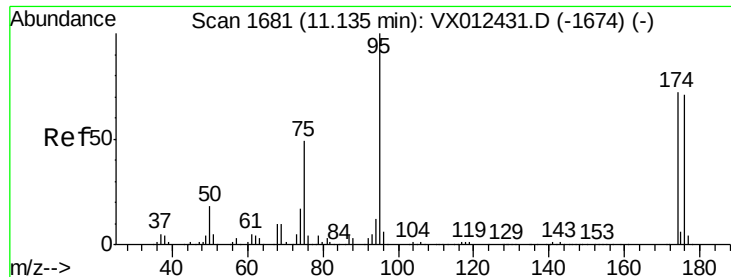
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

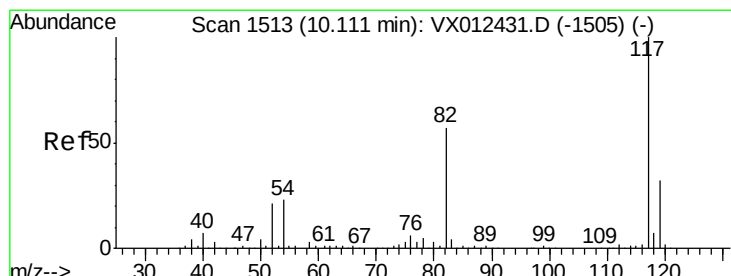
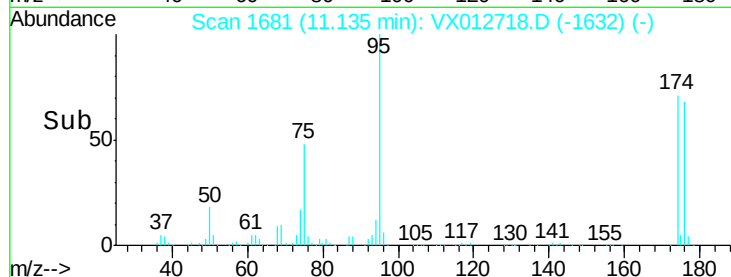
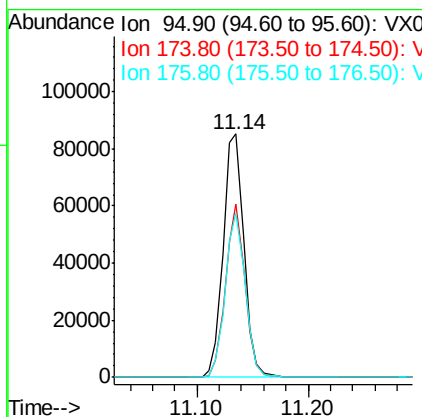
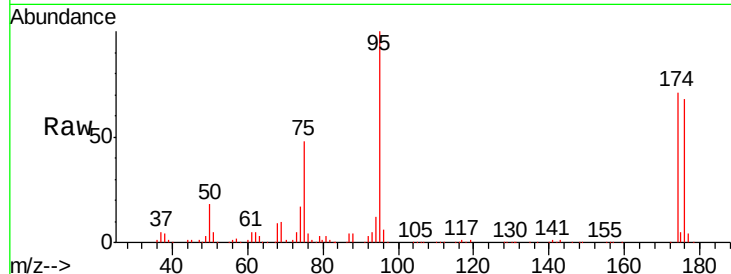




#62
4-Bromofluorobenzene
Concen: 42.244 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012718.D
Acq: 30 Sep 2019 20:13

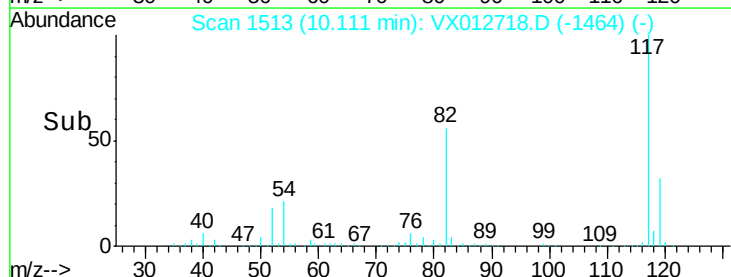
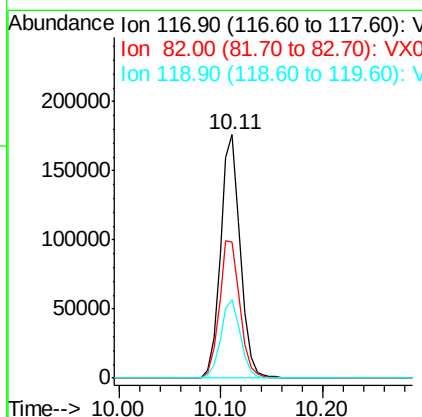
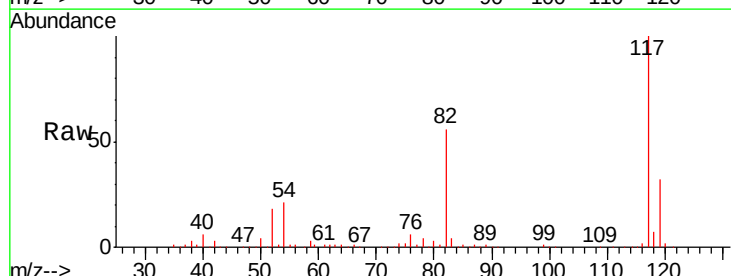
Instrument :
MSVOA_X
ClientSampleId :
FT-DUP04-20190925

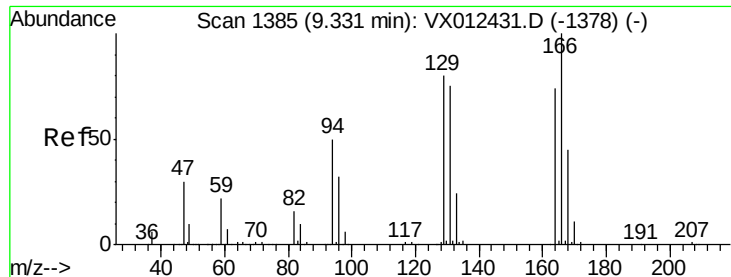
Tgt Ion: 95 Resp: 109939
Ion Ratio Lower Upper
95 100
174 66.6 0.0 140.0
176 65.4 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012718.D
Acq: 30 Sep 2019 20:13

Tgt Ion: 117 Resp: 237441
Ion Ratio Lower Upper
117 100
82 55.9 45.9 68.9
119 32.0 25.3 37.9





#64

Tetrachloroethene

Concen: 0.327 ug/l

RT: 9.34 min Scan# 1386

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925

Tgt Ion:164 Resp: 541

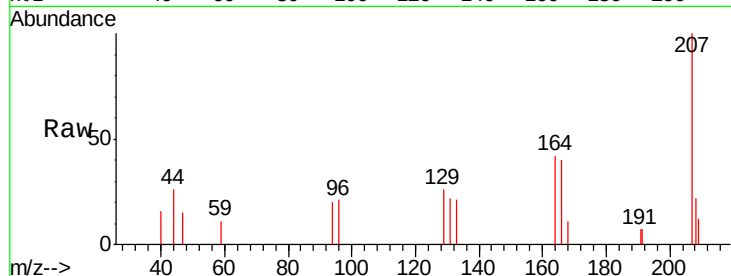
Ion Ratio Lower Upper

164 100

166 94.2 107.8 161.6#

129 61.6 86.2 129.2#

131 52.7 80.4 120.6#

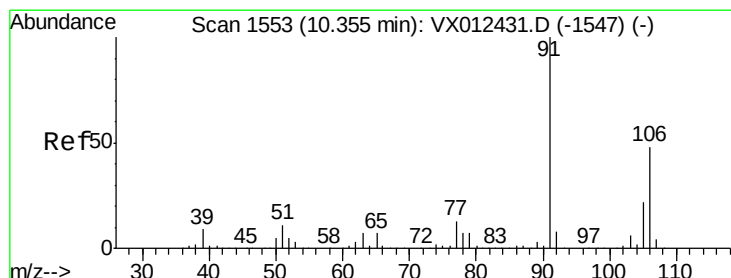
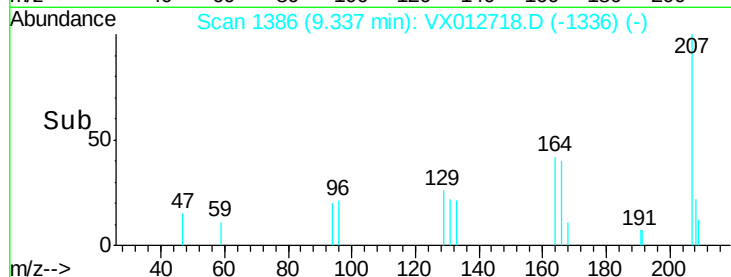
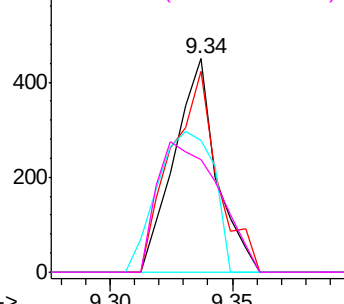


Abundance Ion 163.80 (163.50 to 164.50): V

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



#68

m/p-Xylenes

Concen: 0.240 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012718.D

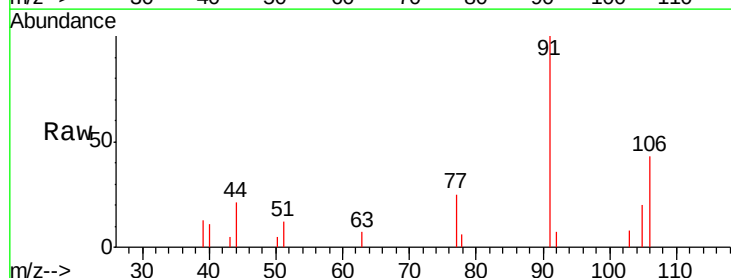
Acq: 30 Sep 2019 20:13

Tgt Ion:106 Resp: 816

Ion Ratio Lower Upper

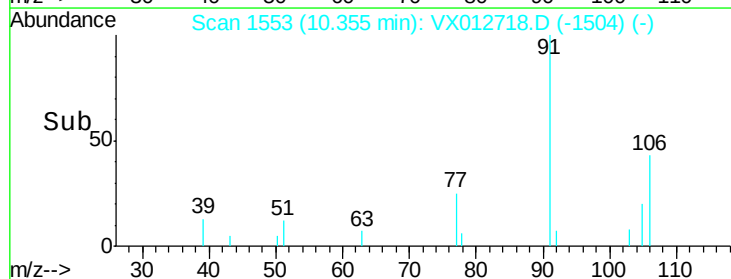
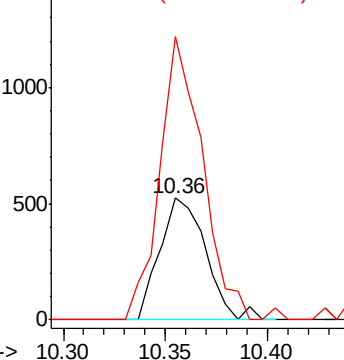
106 100

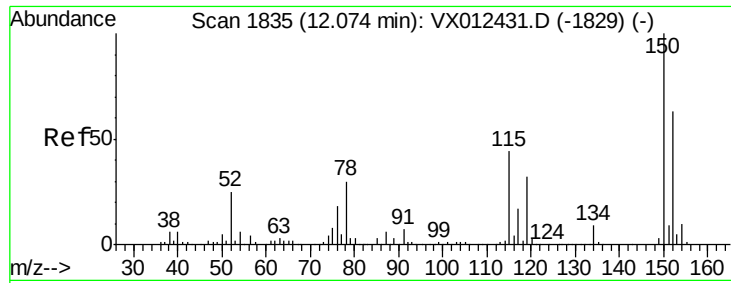
91 216.2 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

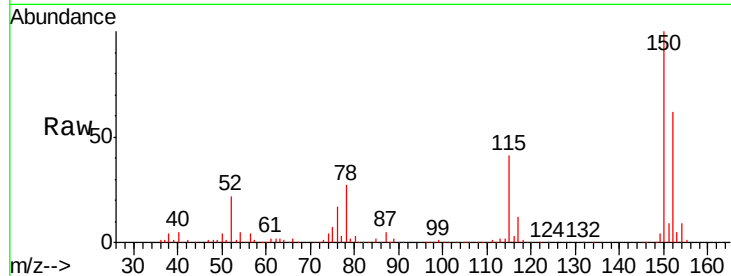




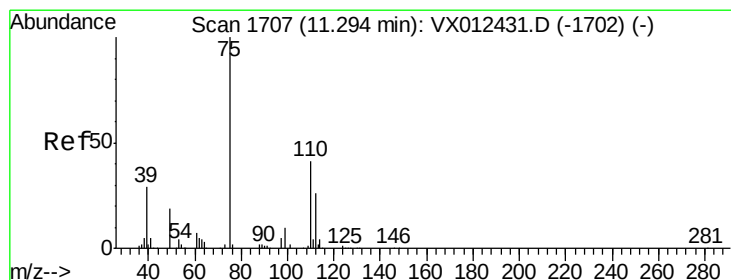
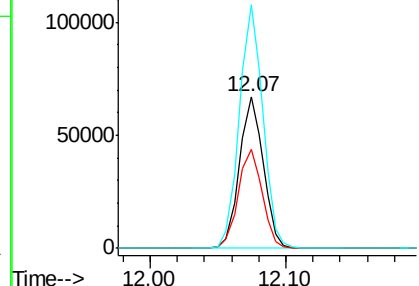
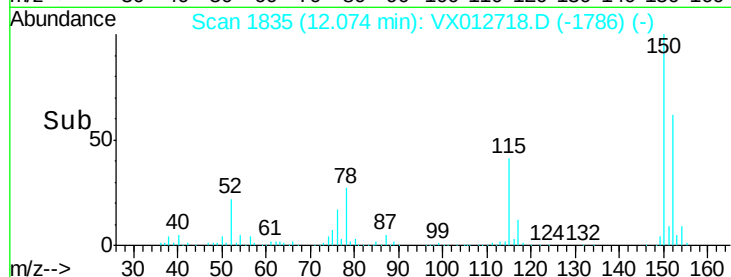
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925

Tgt Ion: 152 Resp: 81738
 Ion Ratio Lower Upper
 152 100
 115 66.0 44.1 132.3
 150 158.6 0.0 343.8

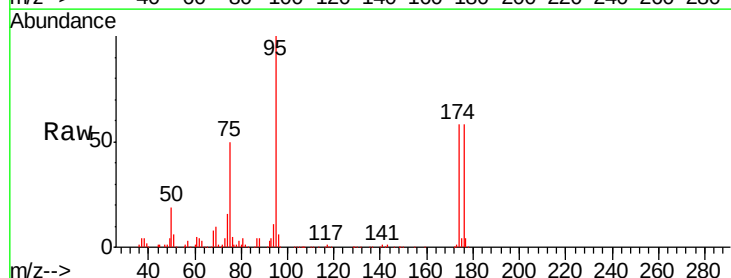


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

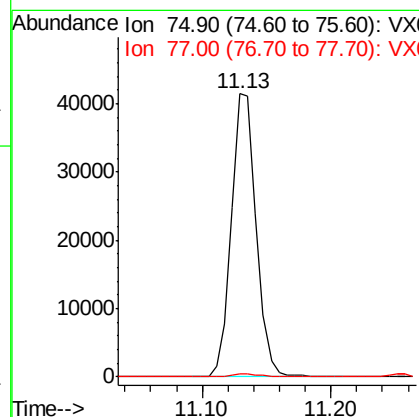
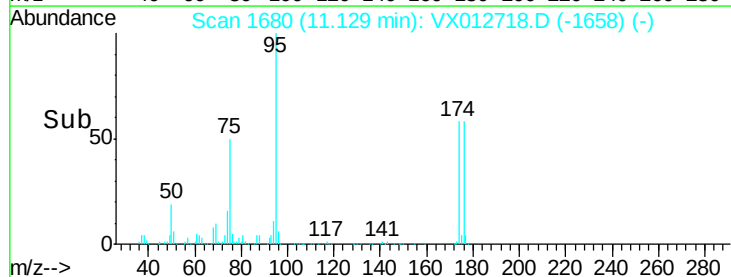


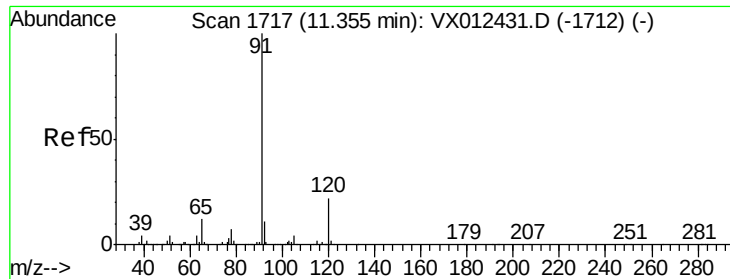
#76
 1,2,3-Trichloropropane
 Concen: 26.022 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

Tgt Ion: 75 Resp: 56265
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.210 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

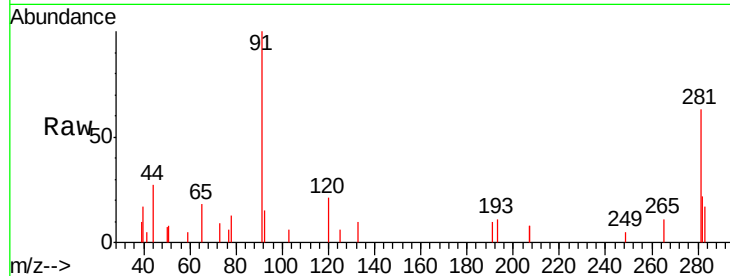
FT-DUP04-20190925

Tgt Ion: 91 Resp: 1577

Ion Ratio Lower Upper

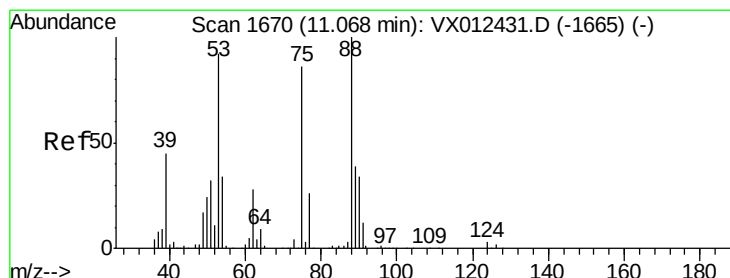
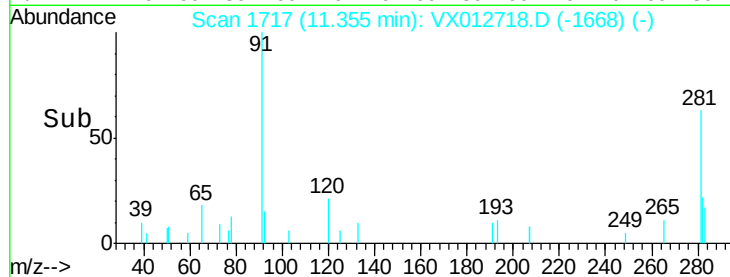
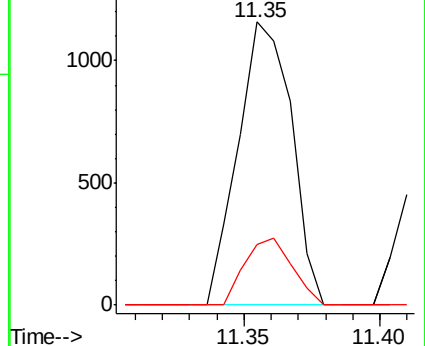
91 100

120 20.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 74.574 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

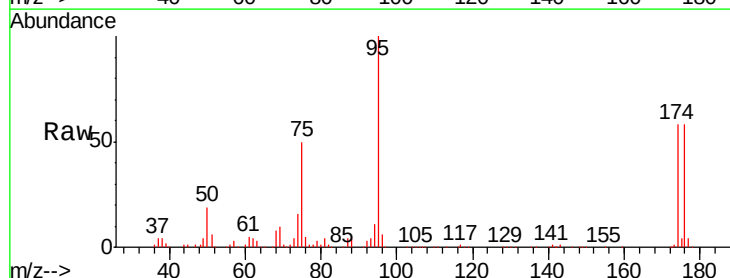
Tgt Ion: 75 Resp: 56265

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

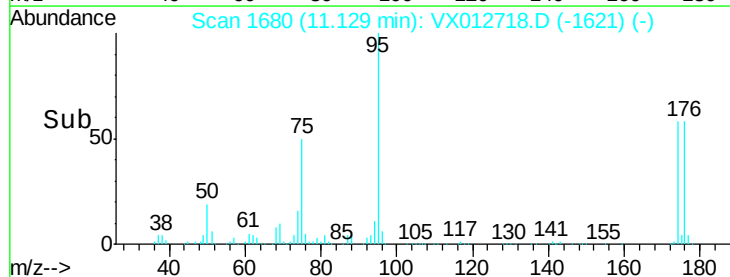
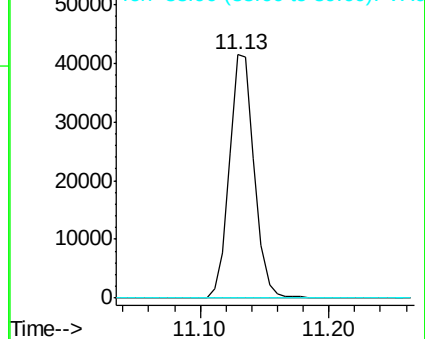
89 0.0 36.3 54.5#

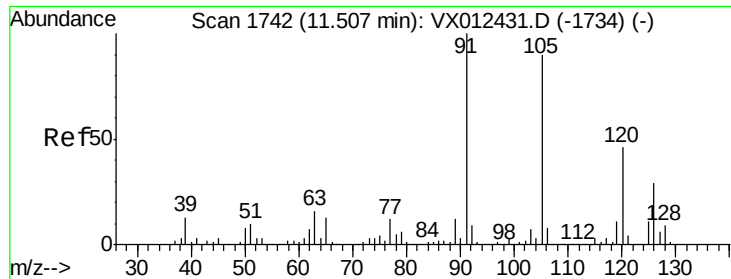


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

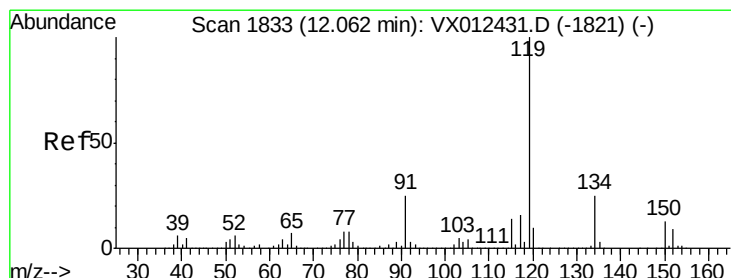
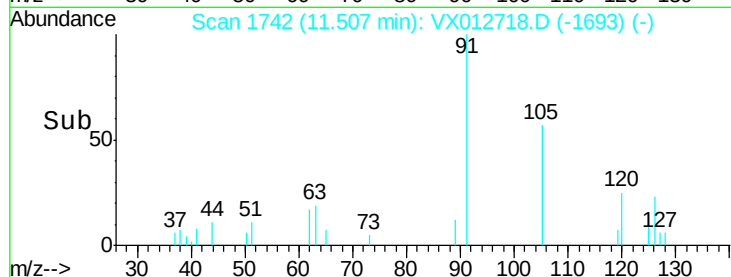
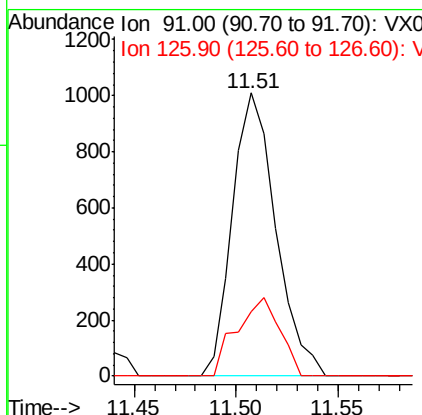
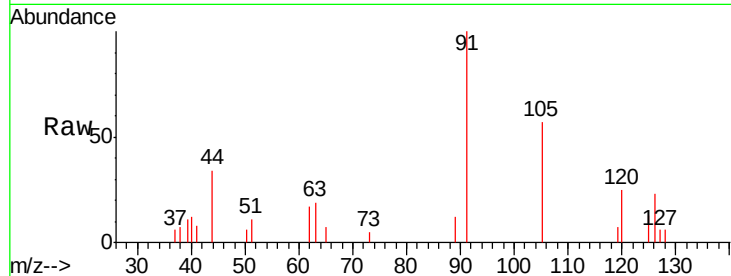




#82
 4-Chlorotoluene
 Concen: 0.279 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

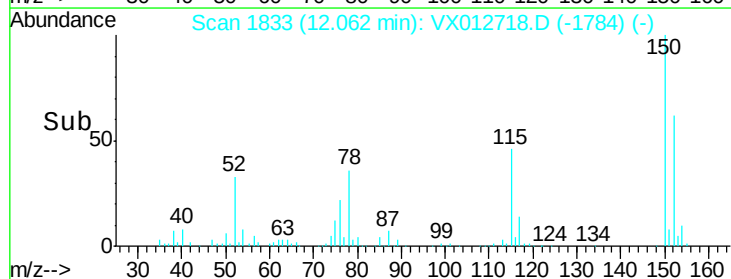
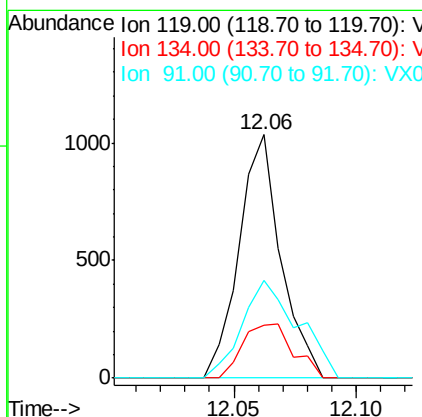
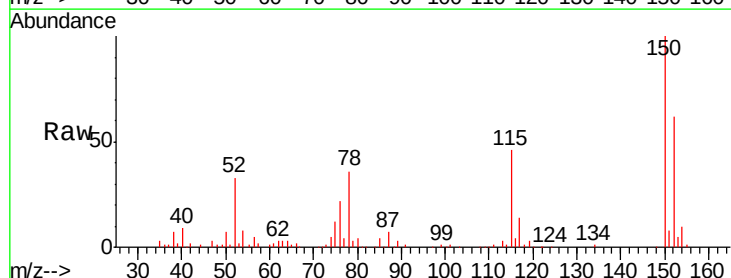
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925

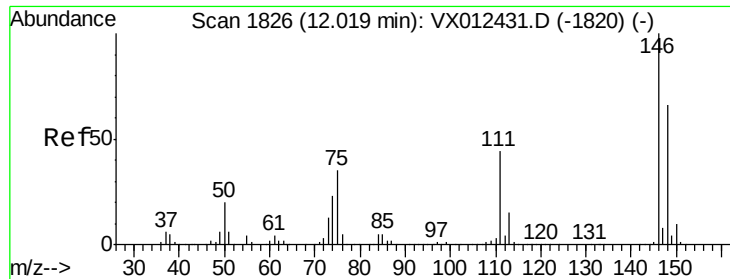
Tgt Ion: 91 Resp: 1489
 Ion Ratio Lower Upper
 91 100
 126 27.7 14.4 43.0



#86
 p-Isopropyltoluene
 Concen: 0.217 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

Tgt Ion: 119 Resp: 1228
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.7 38.1
 91 53.8 12.8 38.4#

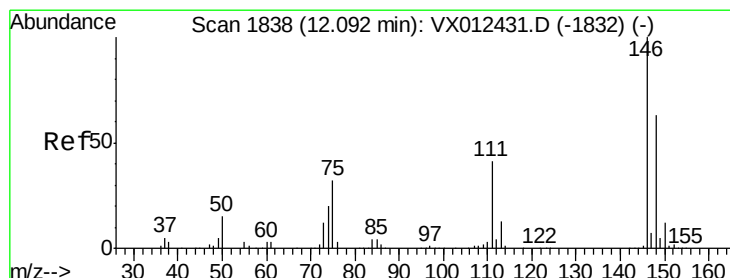
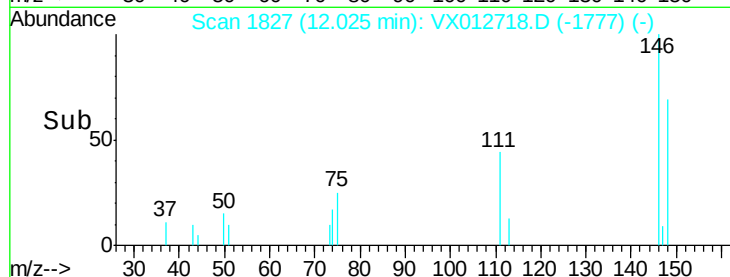
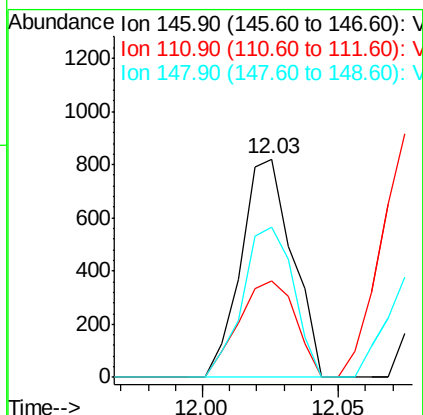
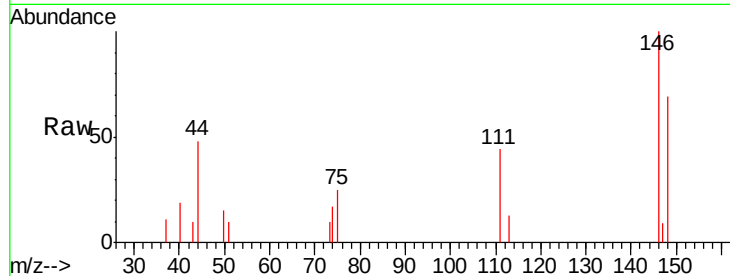




#87
 1,3-Dichlorobenzene
 Concen: 0.396 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

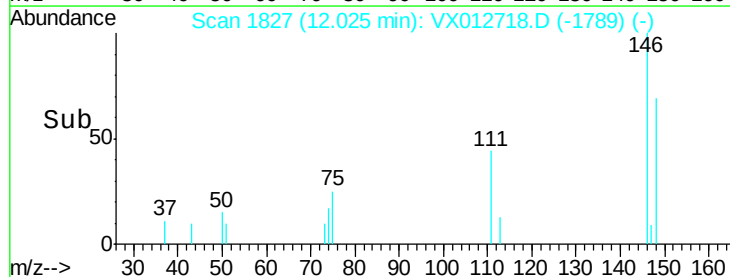
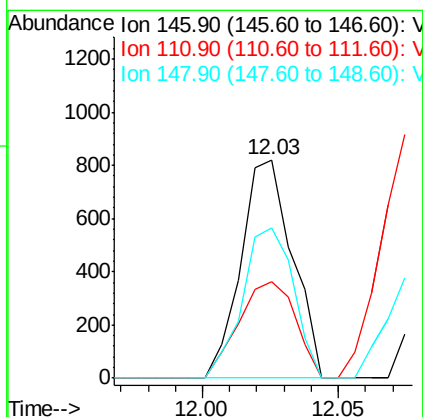
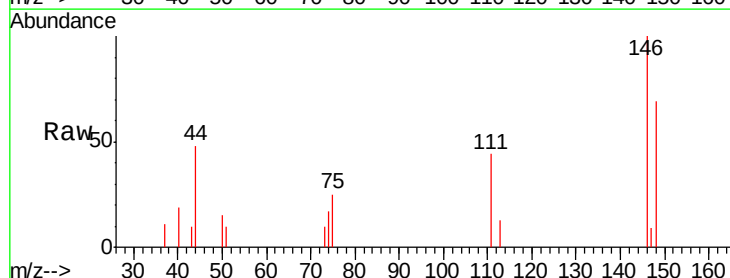
Instrument :
 MSVOA_X
 ClientSampleId :
 FT-DUP04-20190925

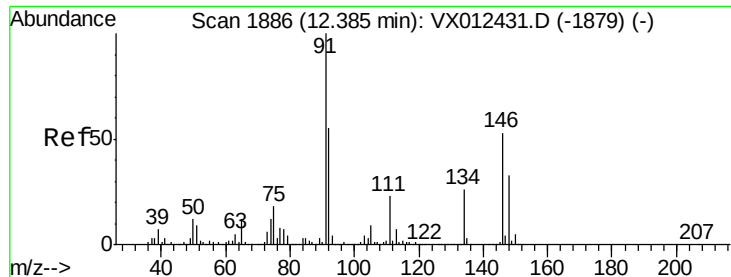
Tgt Ion:146 Resp: 1073
 Ion Ratio Lower Upper
 146 100
 111 48.8 21.3 64.0
 148 68.3 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 0.392 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. -0.07 min
 Lab File: VX012718.D
 Acq: 30 Sep 2019 20:13

Tgt Ion:146 Resp: 1073
 Ion Ratio Lower Upper
 146 100
 111 48.8 21.1 63.3
 148 68.3 32.1 96.5





#89

n-Butylbenzene

Concen: 0.293 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925

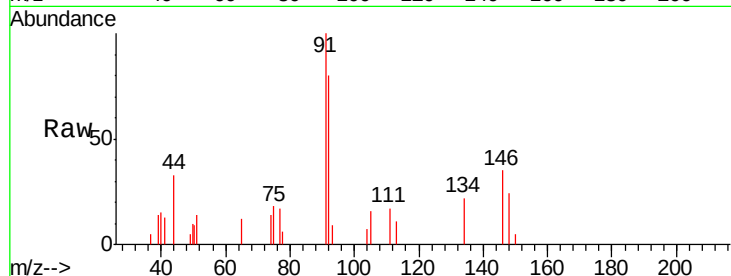
Tgt Ion: 91 Resp: 1461

Ion Ratio Lower Upper

91 100

92 57.5 27.7 83.0

134 19.4 12.9 38.6

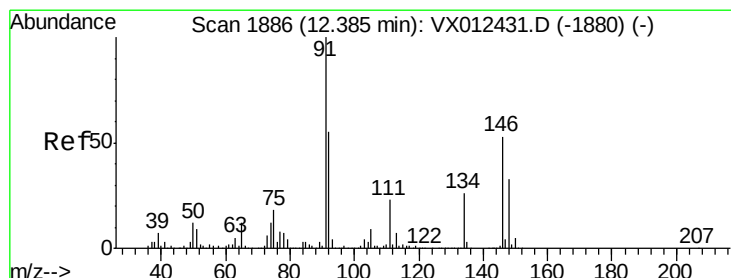
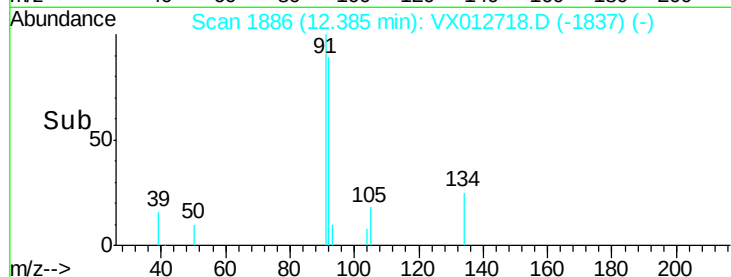


Abundance Ion 91.00 (90.70 to 91.70): VX012718.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012718.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012718.D (-1837) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.239 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

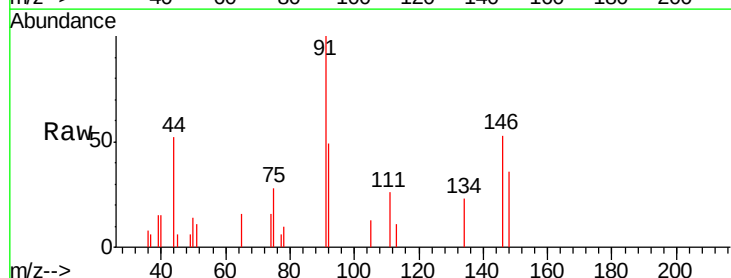
Tgt Ion: 146 Resp: 649

Ion Ratio Lower Upper

146 100

111 53.5 22.1 66.1

148 62.9 31.3 93.9

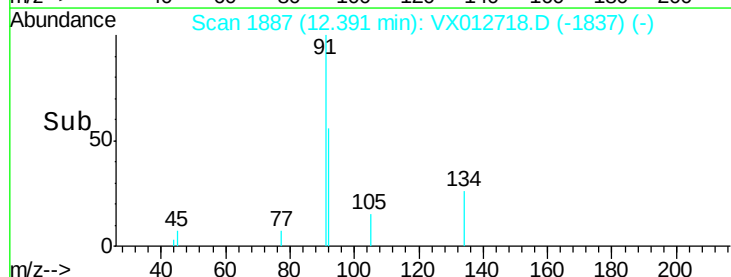


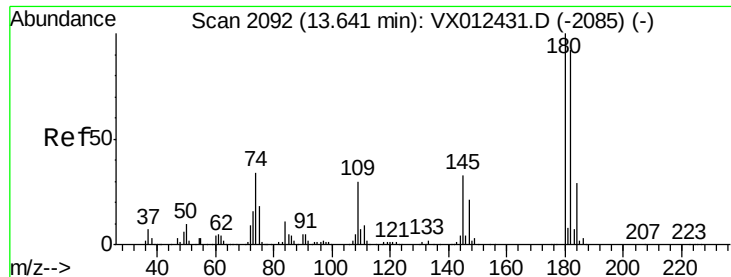
Abundance Ion 145.90 (145.60 to 146.60): VX012718.D (-1837) (-)

Ion 110.90 (110.60 to 111.60): VX012718.D (-1837) (-)

Ion 147.90 (147.60 to 148.60): VX012718.D (-1837) (-)

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 0.645 ug/l

RT: 13.65 min Scan# 2093

Delta R.T. 0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

FT-DUP04-20190925

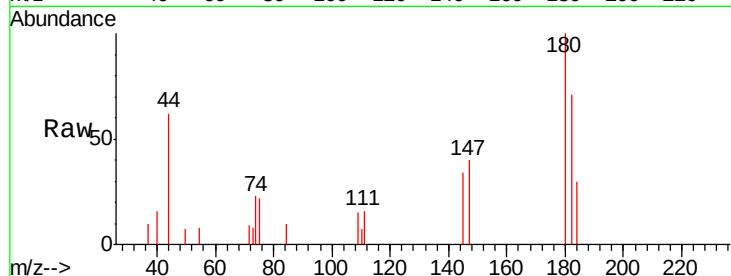
Tgt Ion:180 Resp: 1067

Ion Ratio Lower Upper

180 100

182 101.2 47.0 141.0

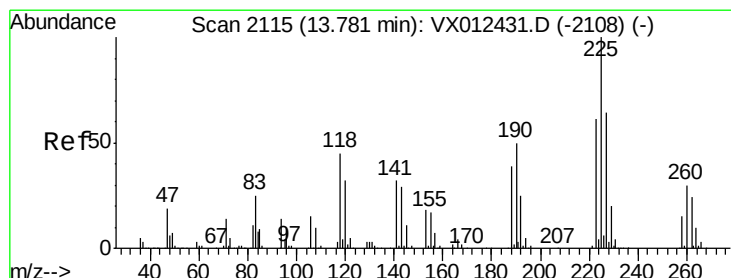
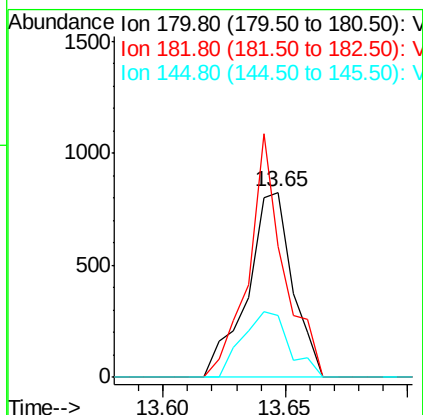
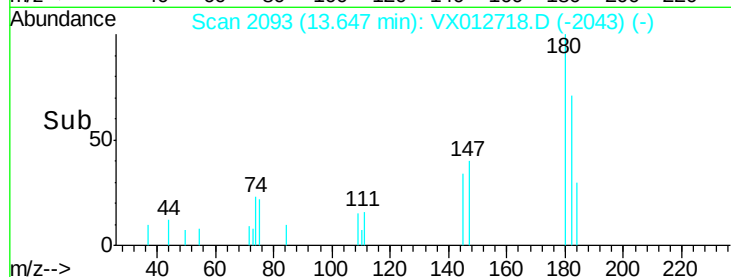
145 36.9 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.483 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012718.D

Acq: 30 Sep 2019 20:13

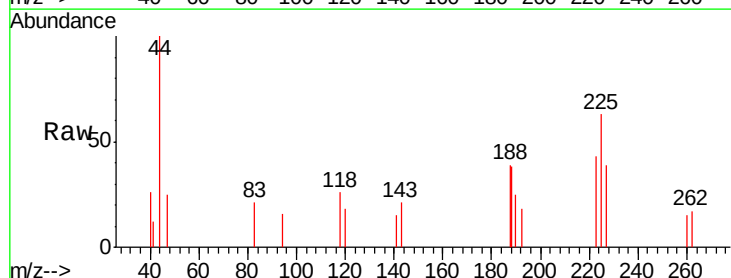
Tgt Ion:225 Resp: 344

Ion Ratio Lower Upper

225 100

223 72.1 32.0 96.2

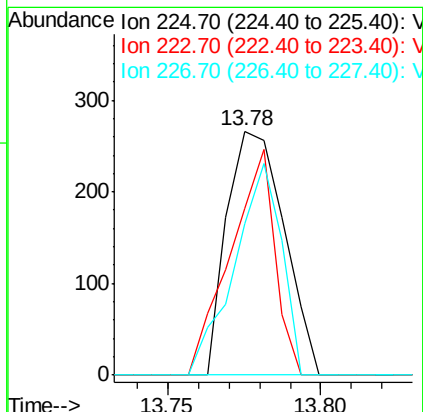
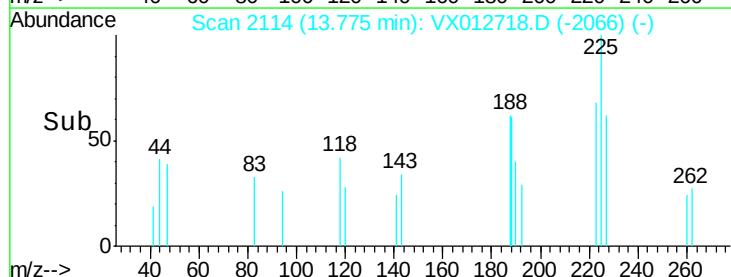
227 71.5 31.9 95.5

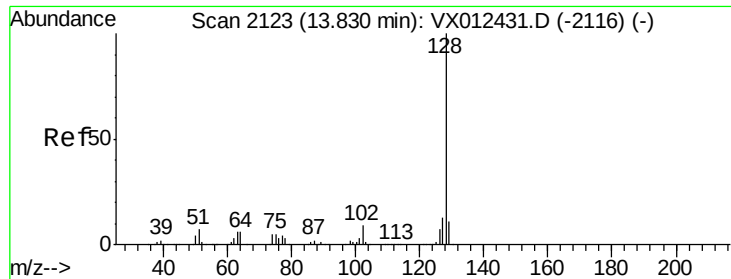


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

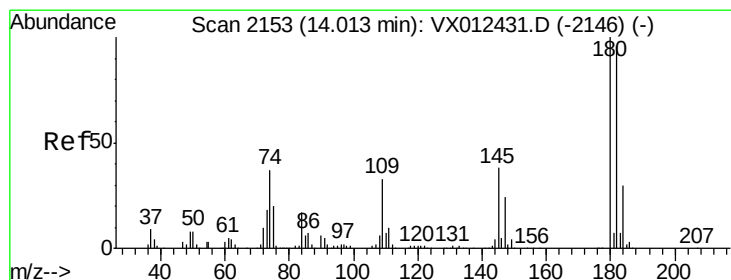
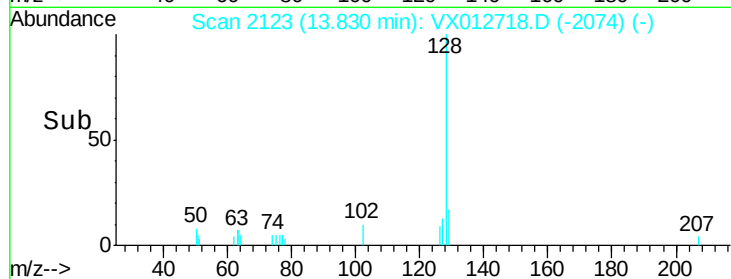
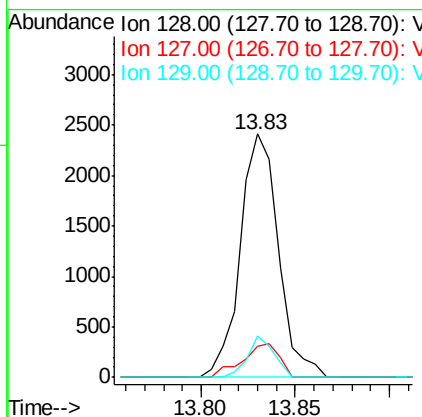
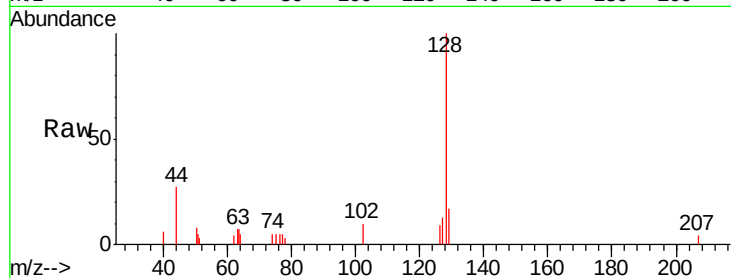




#95
Naphthalene
Concen: 0.565 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012718.D
Acq: 30 Sep 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
FT-DUP04-20190925

Tgt Ion:128 Resp: 3385
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.650 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012718.D
Acq: 30 Sep 2019 20:13

Tgt Ion:180 Resp: 1078
Ion Ratio Lower Upper
180 100
182 109.7 47.1 141.3
145 29.0 18.0 54.0

