

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014401.D
 Acq On : 03 Jan 2020 15:27
 Operator : JC/SP
 Sample : K6476-03
 Misc : 6.86g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:32:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	546382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	818079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	732746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	369962	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	288330	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	5.49	113	232895	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
50) Toluene-d8	8.71	98	973734	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
62) 4-Bromofluorobenzene	11.14	95	345557	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	25452	3.677	ug/l	94
5) Bromomethane	1.63	94	5443	1.108	ug/l	98
6) Chloroethane	1.67	64	11195	2.620	ug/l #	80
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1104	0.214	ug/l #	78
10) Methyl Iodide	2.48	142	2297	2.940	ug/l #	86
11) Tert butyl alcohol	3.01	59	9619	7.189	ug/l	98
12) 1,1-Dichloroethene	2.33	96	3267	0.622	ug/l #	58
13) Acrolein	2.30	56	997	1.302	ug/l #	14
16) Acetone	2.47	43	5744	1.429	ug/l	97
17) Carbon Disulfide	2.53	76	1538	0.854	ug/l #	63
20) Methylene Chloride	2.84	84	2192	0.346	ug/l #	83
21) trans-1,2-Dichloroethene	3.14	96	17087	2.951	ug/l	94
24) 1,1-Dichloroethane	3.67	63	7533	0.724	ug/l	97
25) 2-Butanone	4.69	43	8108	1.636	ug/l #	86
27) cis-1,2-Dichloroethene	4.58	96	561845	85.797	ug/l	90
28) Bromochloromethane	5.00	49	686	0.624	ug/l #	8
36) 1,1-Dichloropropene	5.64	75	37642	5.015	ug/l #	49
38) Carbon Tetrachloride	5.65	117	46861	6.853	ug/l #	16
41) Methacrylonitrile	5.06	41	1168	0.254	ug/l #	30
42) 1,2-Dichloroethane	6.19	62	3642	0.465	ug/l	82
44) Trichloroethene	7.20	130	158414	24.832	ug/l	97
49) 1,4-Dioxane	7.73	88	227	1.661	ug/l #	23
52) Toluene	8.78	92	32455	2.223	ug/l	100
64) Tetrachloroethene	9.33	164	3346	0.516	ug/l	89
65) Chlorobenzene	10.14	112	18234	1.170	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	164809	20.520	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	164809	57.917	ug/l #	11
87) 1,3-Dichlorobenzene	12.03	146	4057	0.323	ug/l	84
88) 1,4-Dichlorobenzene	12.03	146	4057	0.318	ug/l	89
91) 1,2-Dichlorobenzene	12.39	146	22947	1.815	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	3408	0.415	ug/l	89
95) Naphthalene	13.83	128	9822	0.407	ug/l #	89

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

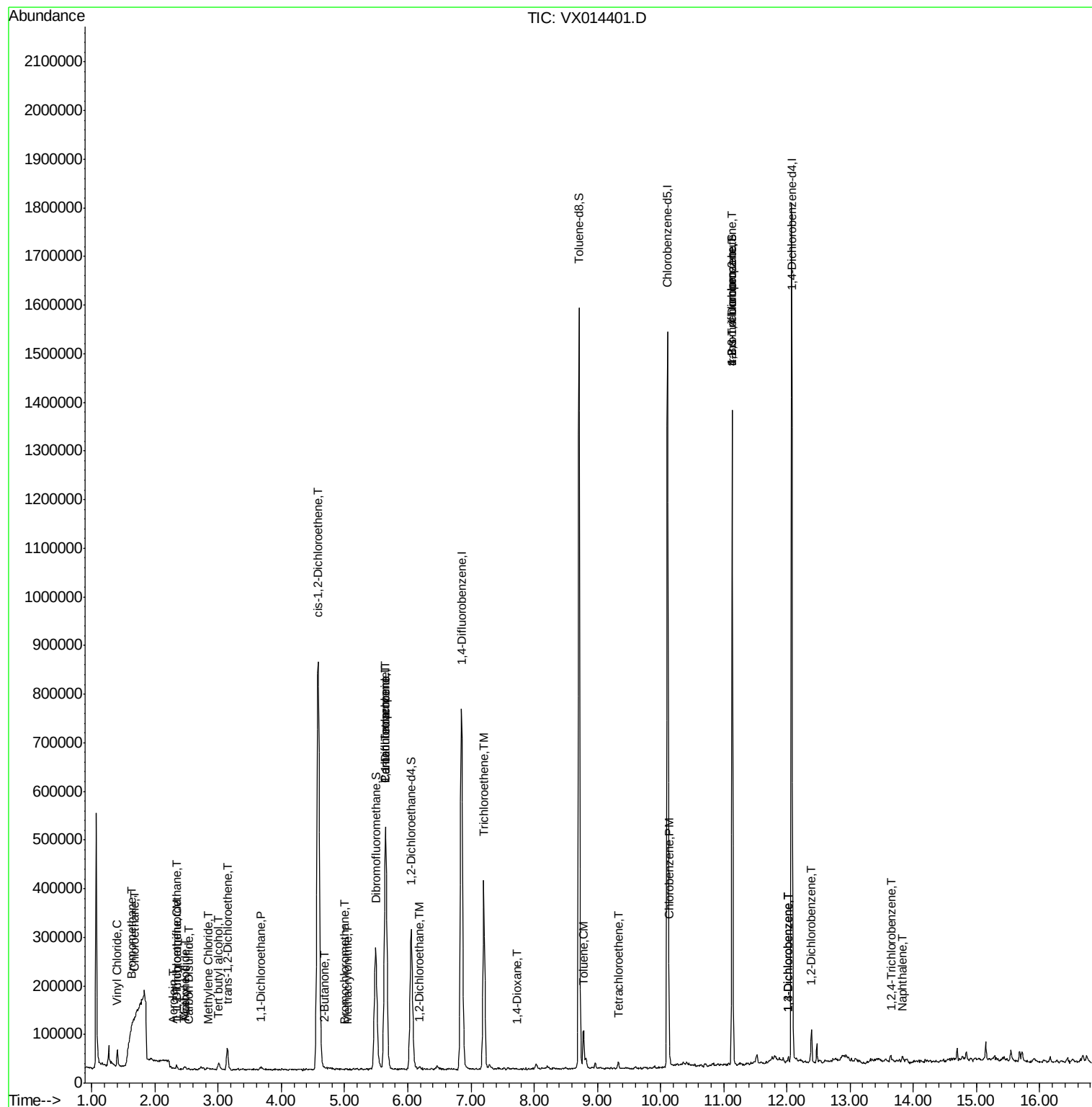
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

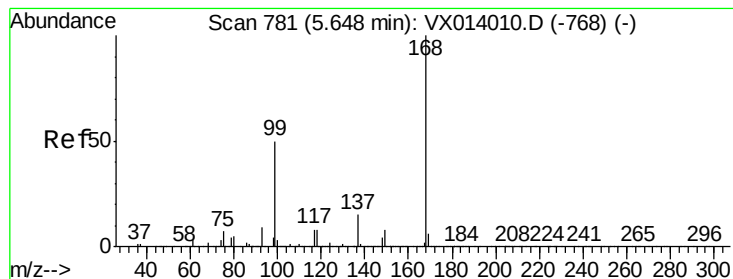
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

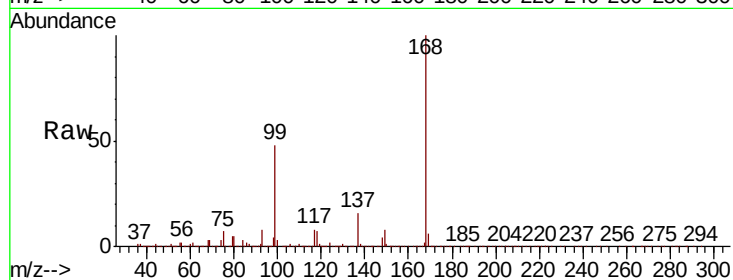
ClientSampleId :

Tot Ion:168 Resp: 546382

Ion Ratio Lower Upper

168 100

99 48.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

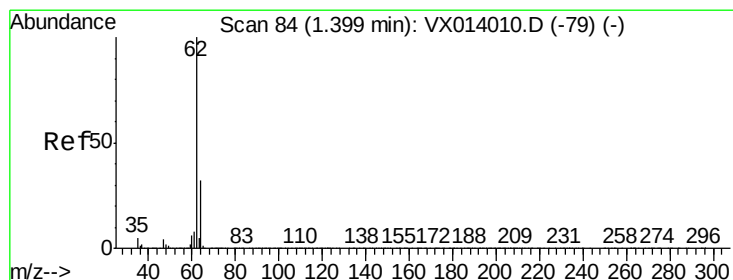
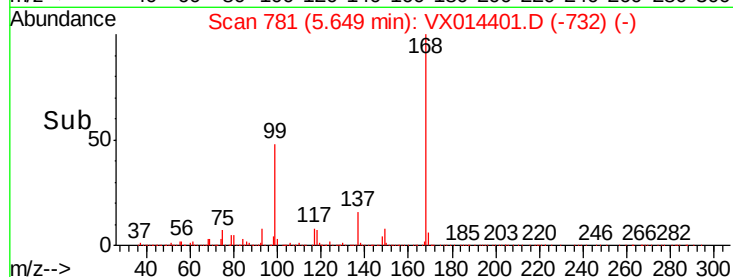
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.677 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX014401.D

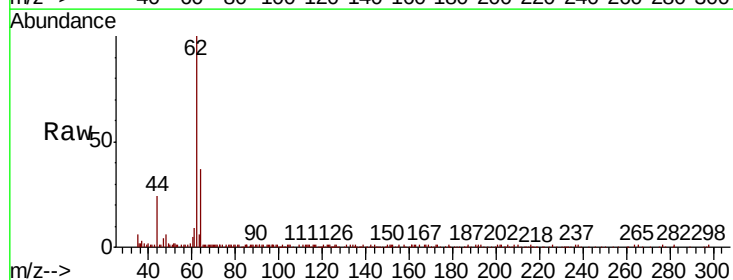
Acq: 03 Jan 2020 15:27

Tgt Ion: 62 Resp: 25452

Ion Ratio Lower Upper

62 100

64 35.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

20000

15000

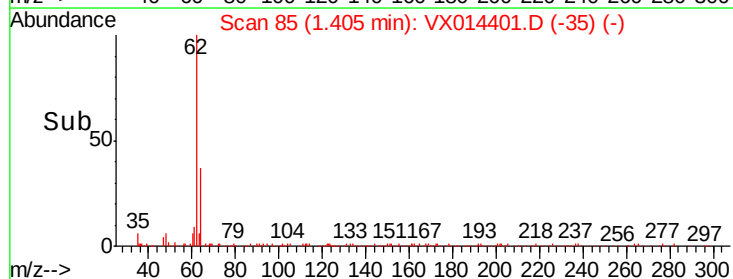
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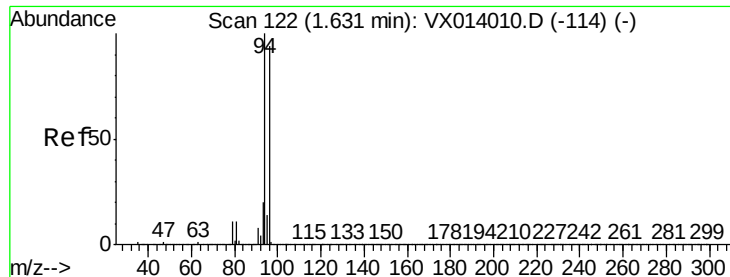
5000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 1.108 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

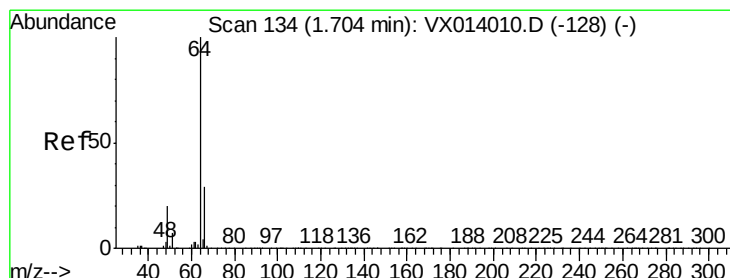
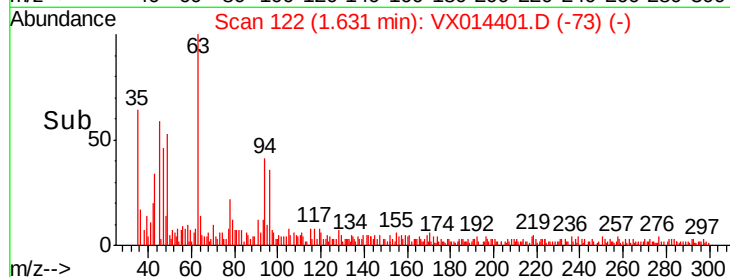
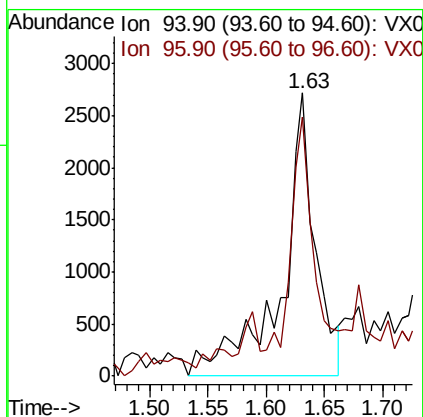
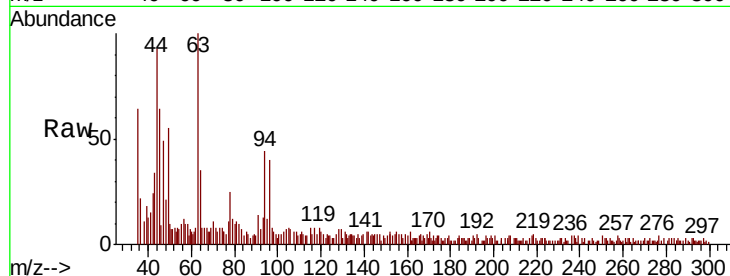
ClientSampleId :

Tot Ion: 94 Resp: 5443

Ion Ratio Lower Upper

94 100

96 91.8 75.2 112.8



#6

Chloroethane

Concen: 2.620 ug/l

RT: 1.67 min Scan# 129

Delta R.T. -0.03 min

Lab File: VX014401.D

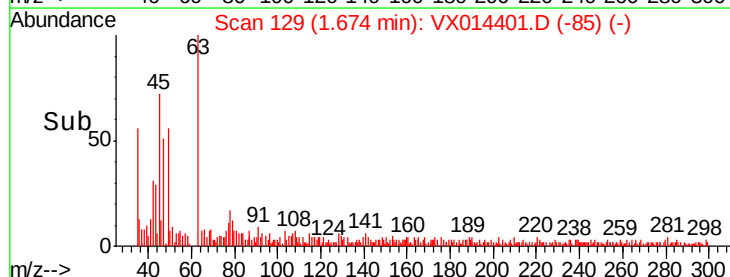
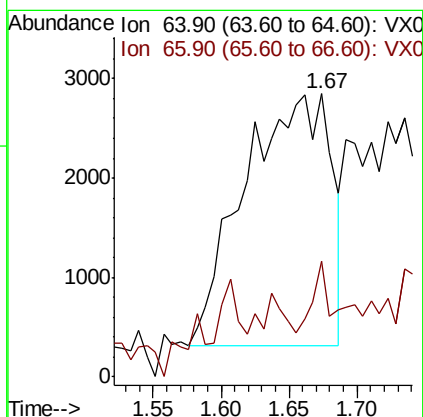
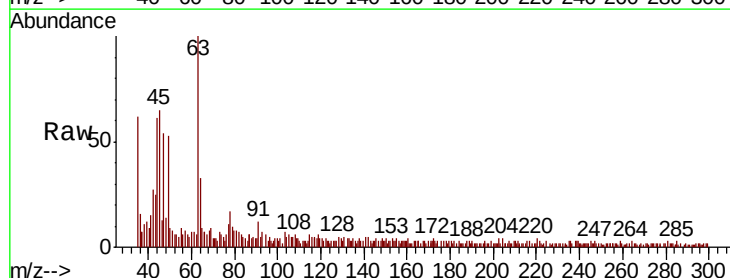
Acq: 03 Jan 2020 15:27

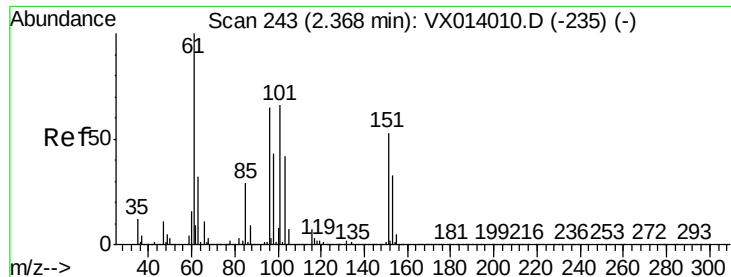
Tgt Ion: 64 Resp: 11195

Ion Ratio Lower Upper

64 100

66 40.0 23.4 35.2#





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.214 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.01 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

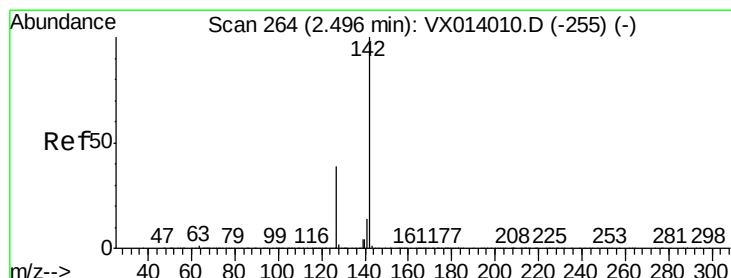
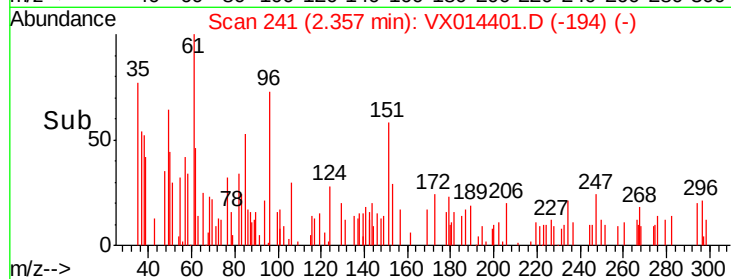
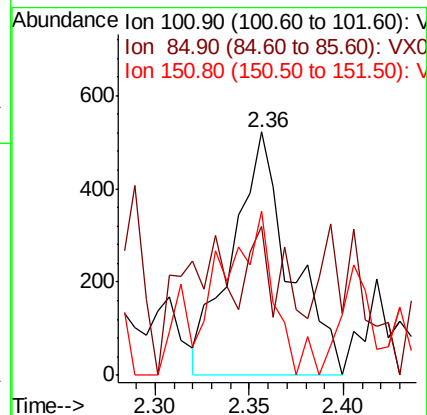
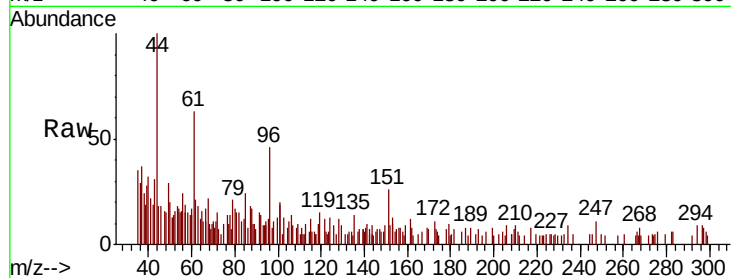
Tot Ion:101 Resp: 1104

Ion Ratio Lower Upper

101 100

85 30.6 33.7 50.5#

151 59.6 64.5 96.7#



#10

Methyl Iodide

Concen: 2.940 ug/l

RT: 2.48 min Scan# 261

Delta R.T. -0.02 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

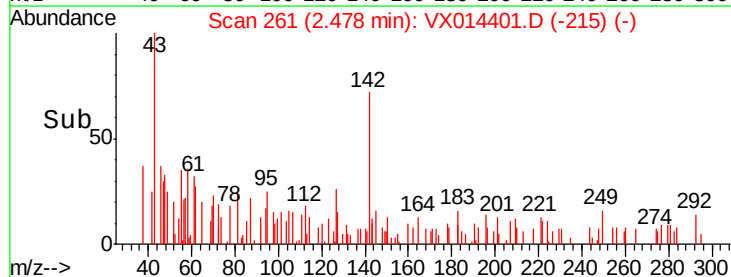
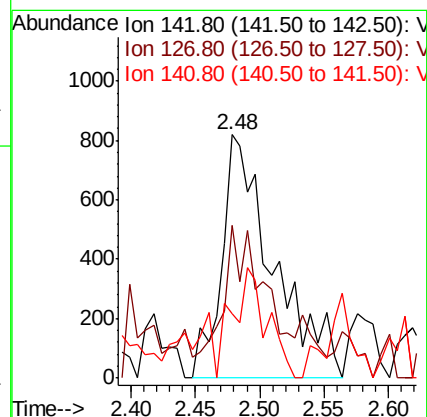
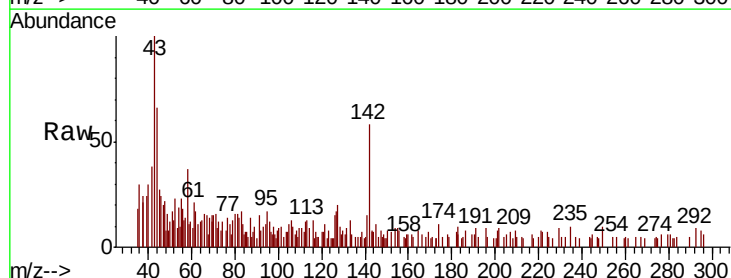
Tgt Ion:142 Resp: 2297

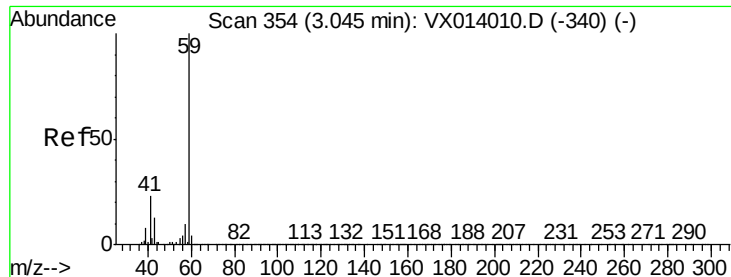
Ion Ratio Lower Upper

142 100

127 42.4 31.6 47.4

141 30.3 11.6 17.4#

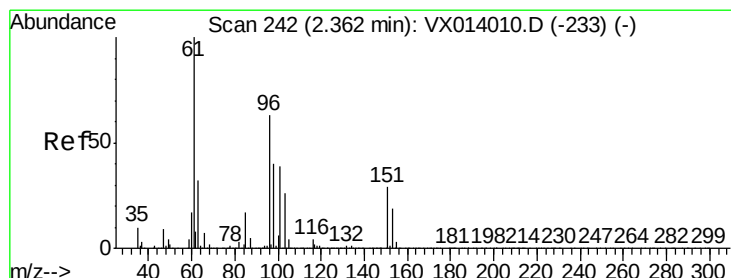
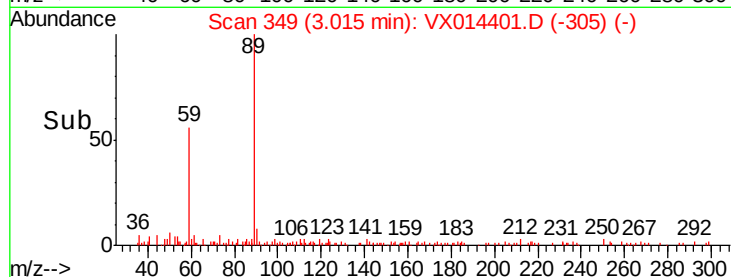
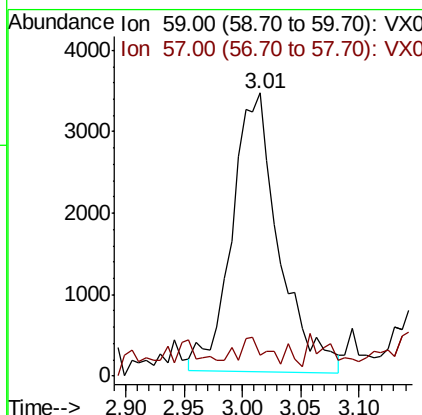
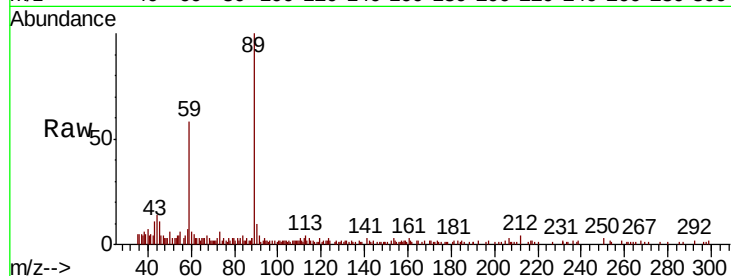




#11
Tert butyl alcohol
Concen: 7.189 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.03 min
Lab File: VX014401.D
Acq: 03 Jan 2020 15:27

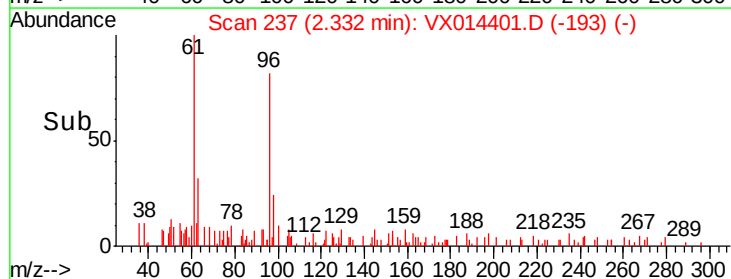
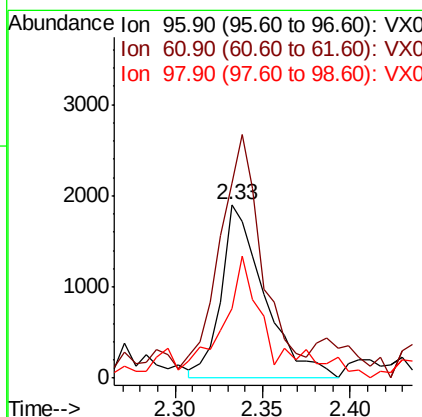
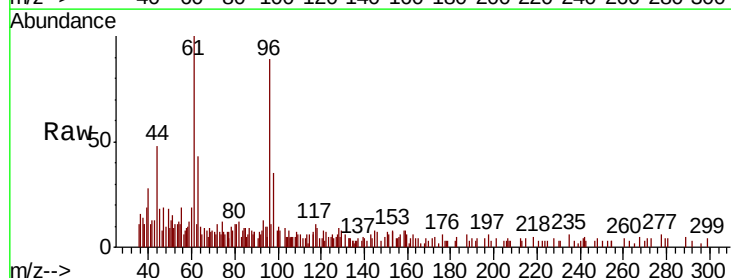
Instrument :
MSVOA_X
ClientSampleId :

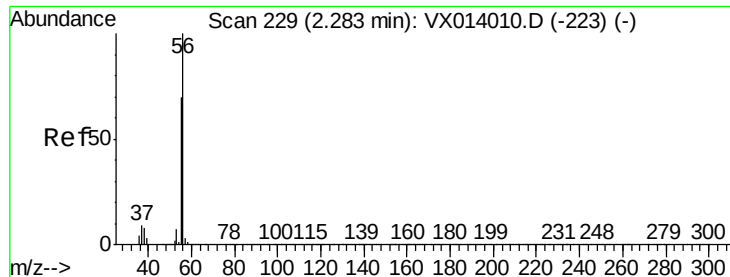
Tot Ion: 59 Resp: 9619
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 0.622 ug/l
RT: 2.33 min Scan# 237
Delta R.T. -0.03 min
Lab File: VX014401.D
Acq: 03 Jan 2020 15:27

Tgt Ion: 96 Resp: 3267
Ion Ratio Lower Upper
96 100
61 104.0 127.9 191.9#
98 30.8 50.5 75.7#

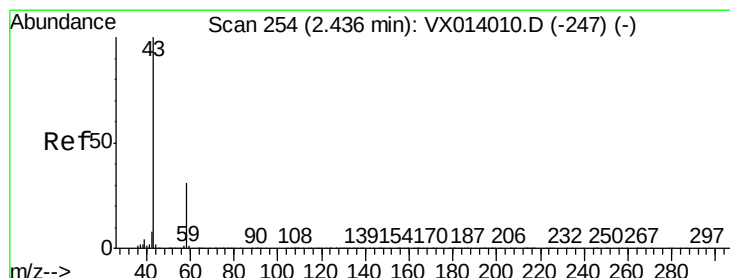
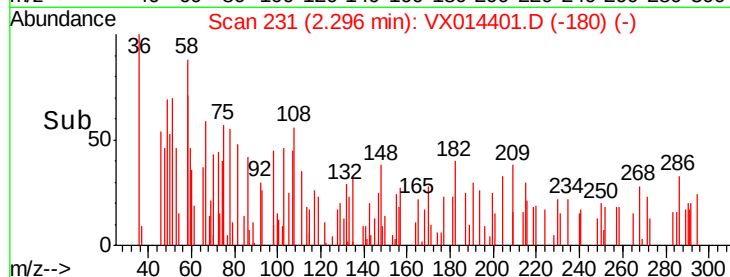
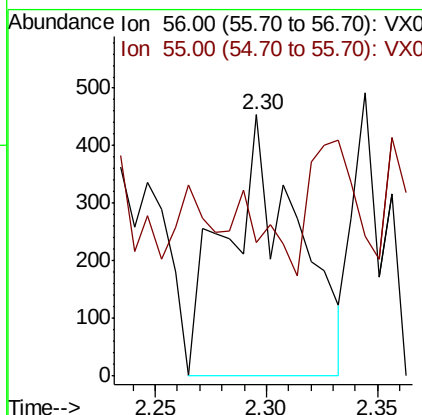
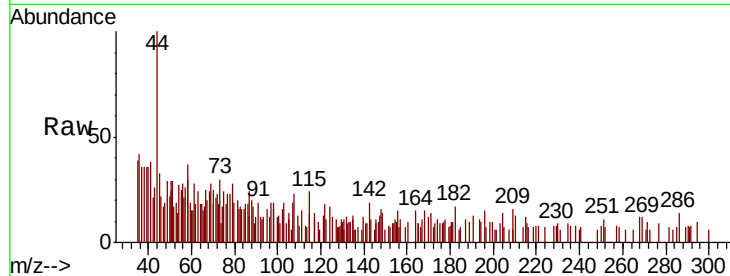




#13
Acrolein
Concen: 1.302 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX014401.D
Acq: 03 Jan 2020 15:27

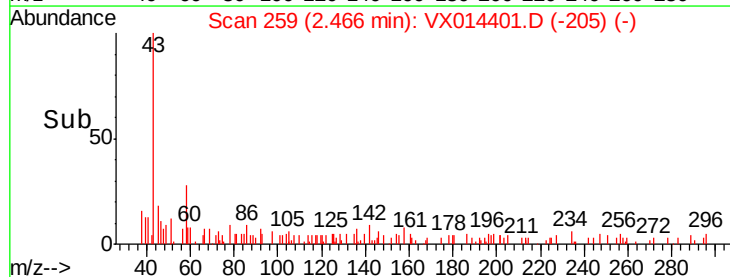
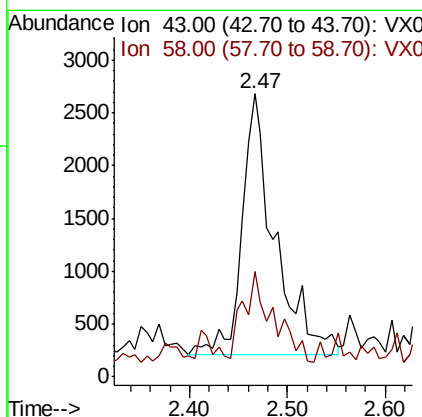
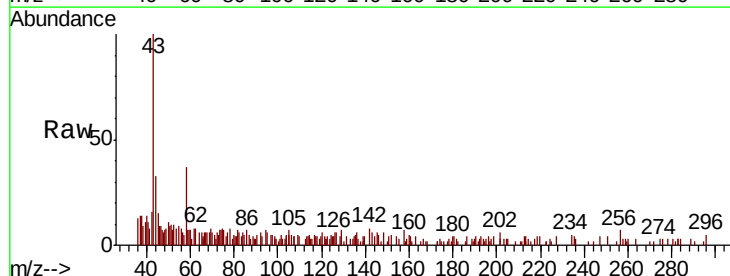
Instrument :
MSVOA_X
ClientSampled :

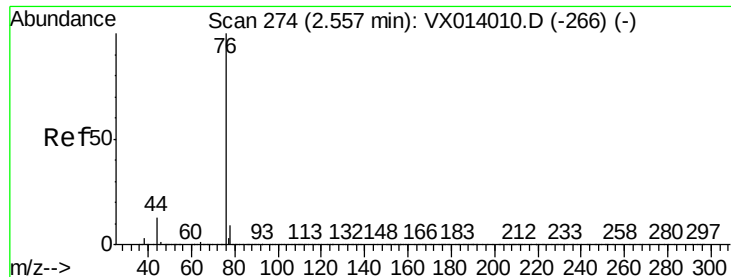
Tot Ion: 56.00 Resp: 997
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#



#16
Acetone
Concen: 1.429 ug/l
RT: 2.47 min Scan# 259
Delta R.T. 0.03 min
Lab File: VX014401.D
Acq: 03 Jan 2020 15:27

Tgt Ion: 43 Resp: 5744
Ion Ratio Lower Upper
43 100
58 32.5 24.9 37.3

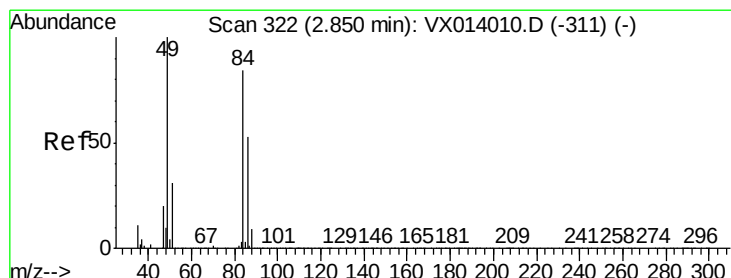
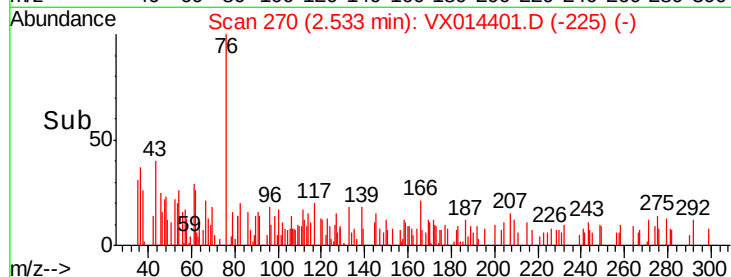
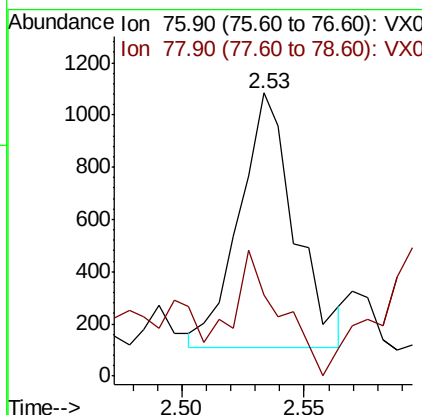
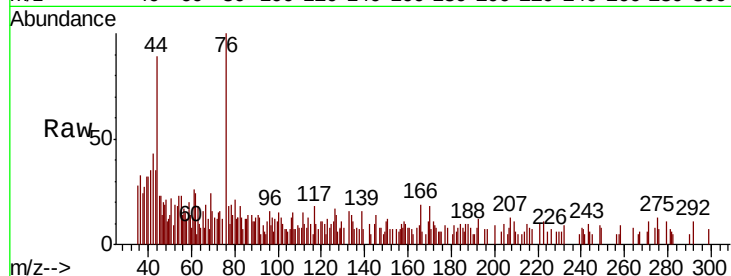




#17
Carbon Disulfide
Concen: 0.854 ug/l
RT: 2.53 min Scan# 270
Delta R.T. -0.02 min
Lab File: VX014401.D
Acq: 03 Jan 2020 15:27

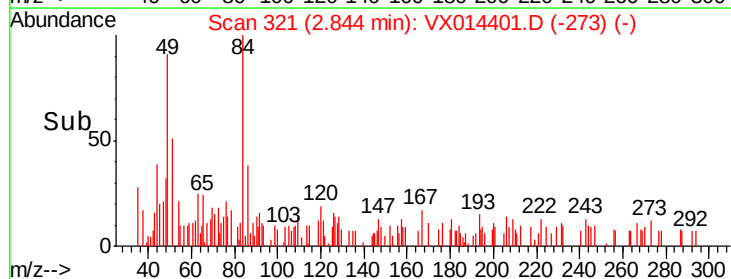
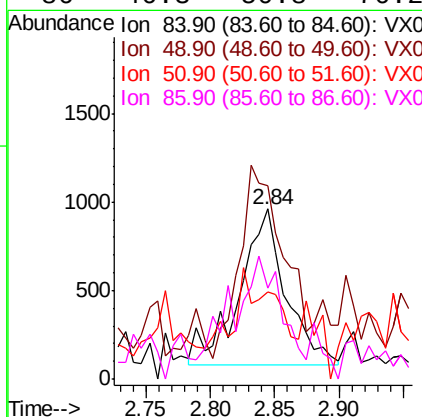
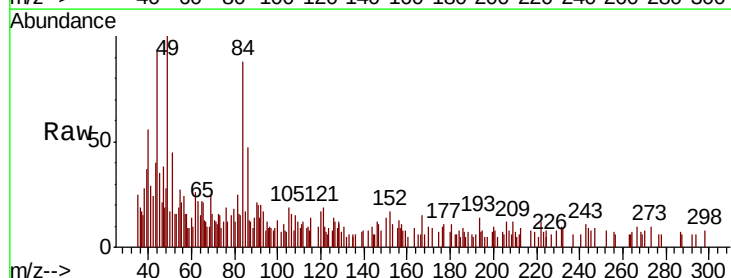
Instrument :
MSVOA_X
ClientSampleId :

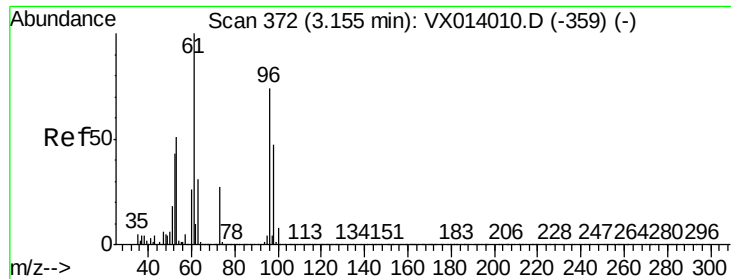
Tot Ion: 76 Resp: 1538
Ion Ratio Lower Upper
76 100
78 22.4 7.2 10.8#



#20
Methylene Chloride
Concen: 0.346 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014401.D
Acq: 03 Jan 2020 15:27

Tgt Ion: 84 Resp: 2192
Ion Ratio Lower Upper
84 100
49 98.4 95.8 143.6
51 35.9 29.8 44.8
86 46.3 50.8 76.2#





#21

trans-1,2-Dichloroethene

Concen: 2.951 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

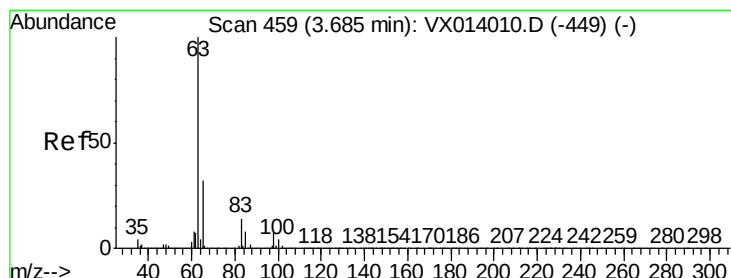
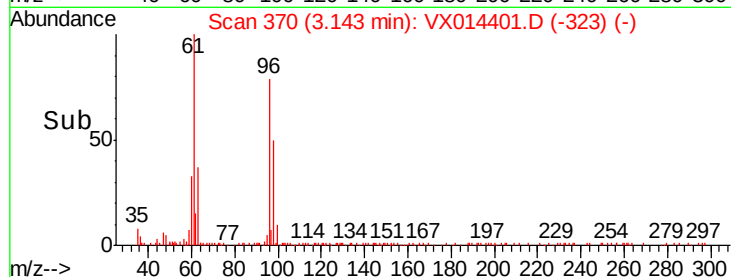
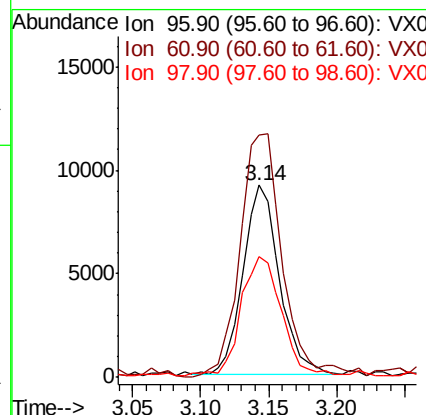
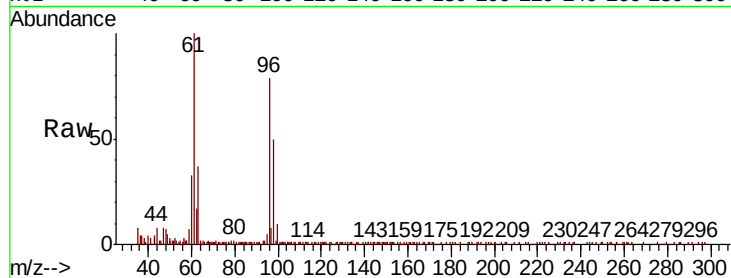
Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 17087

Ion	Ratio	Lower	Upper
96	100		
61	126.7	108.3	162.5
98	62.1	50.8	76.2



#24

1,1-Dichloroethane

Concen: 0.724 ug/l

RT: 3.67 min Scan# 457

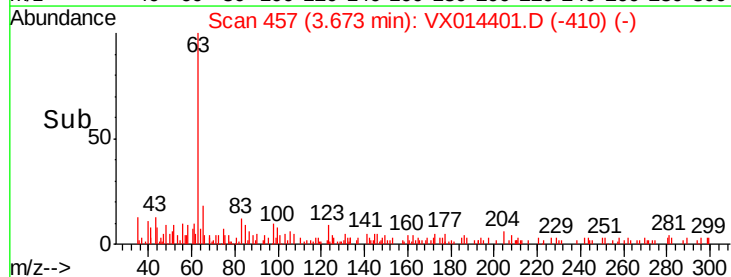
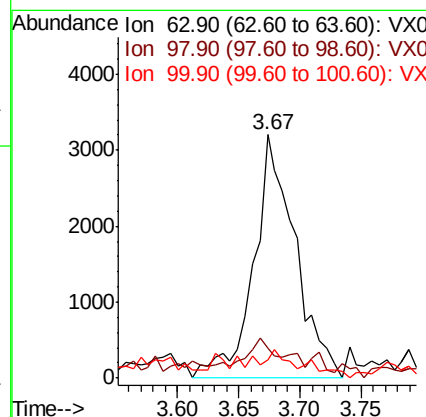
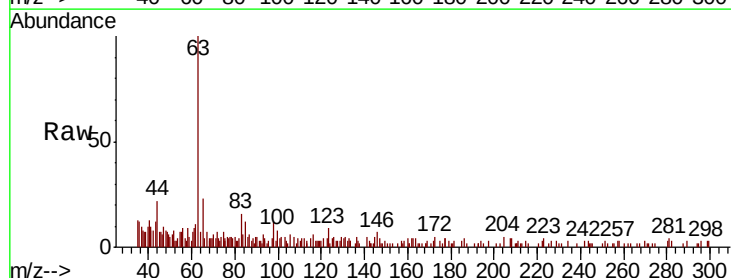
Delta R.T. -0.01 min

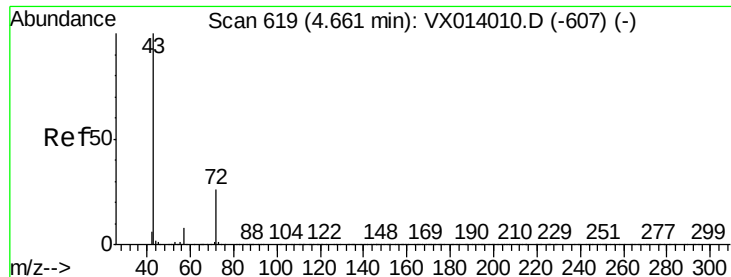
Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Tgt Ion: 63 Resp: 7533

Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.6	10.8
100	4.2	2.3	6.8





#25

2-Butanone

Concen: 1.636 ug/l

RT: 4.69 min Scan# 624

Delta R.T. 0.03 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

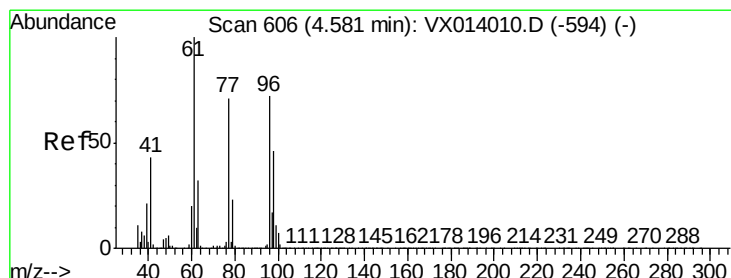
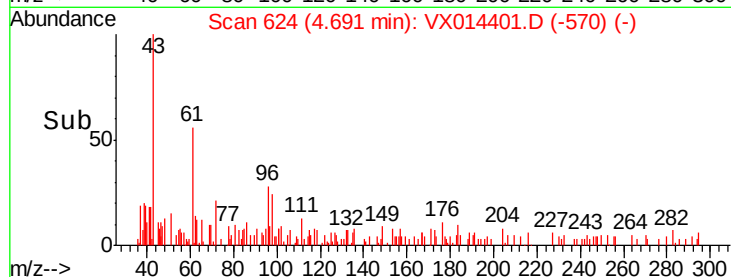
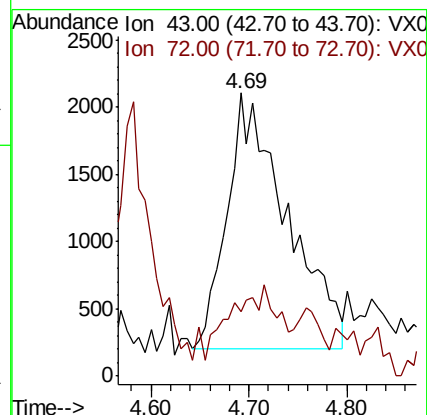
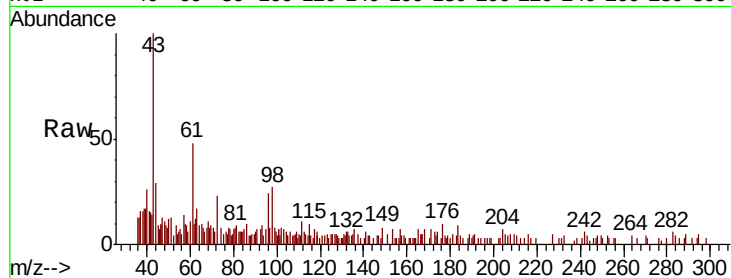
ClientSampled :

Tot Ion: 43 Resp: 8108

Ion Ratio Lower Upper

43 100

72 19.0 21.0 31.4#



#27

cis-1,2-Dichloroethene

Concen: 85.797 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

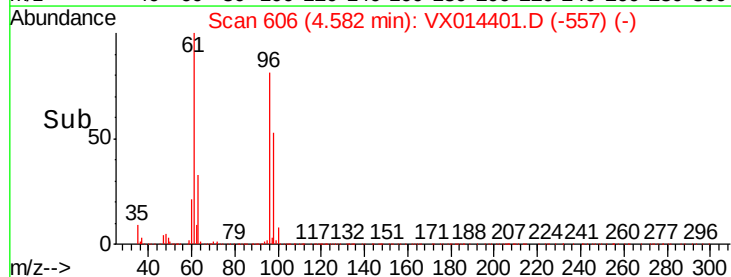
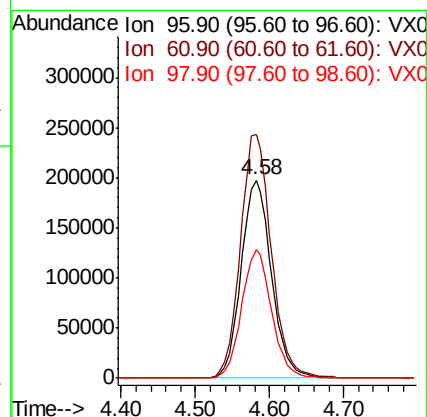
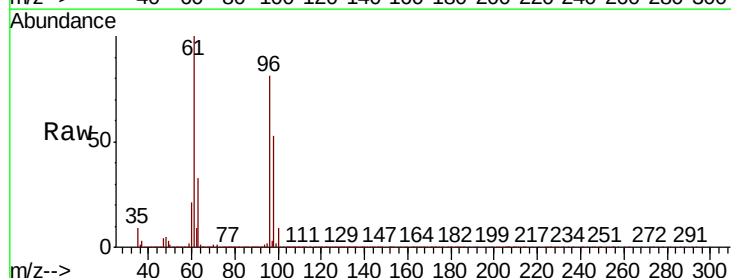
Tgt Ion: 96 Resp: 561845

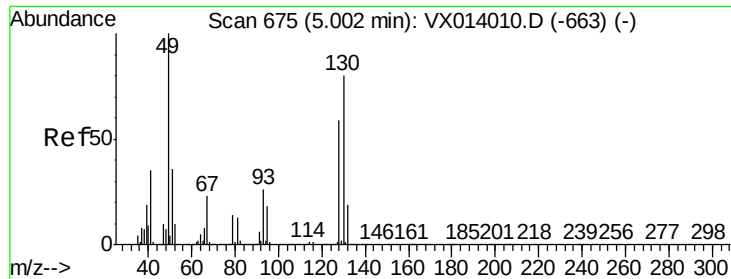
Ion Ratio Lower Upper

96 100

61 126.2 0.0 288.4

98 64.2 0.0 129.6





#28

Bromochloromethane

Concen: 0.624 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :
MSVOA_X
ClientSampled :

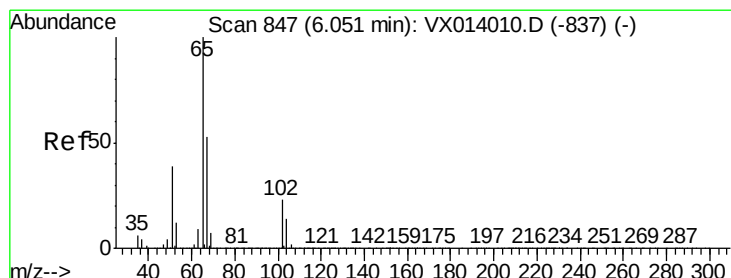
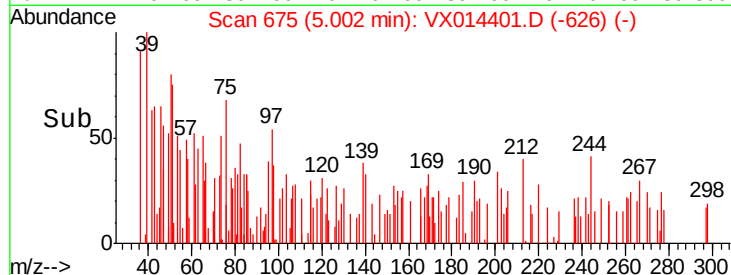
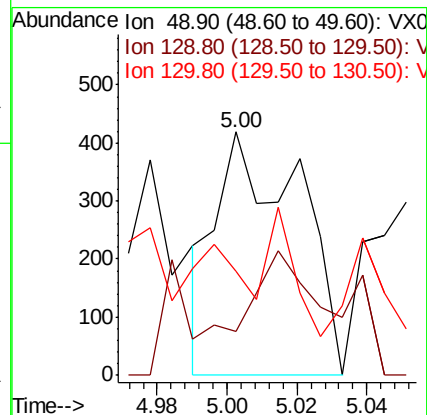
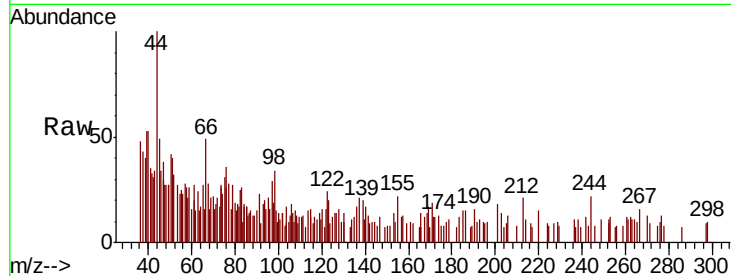
Tot Ion: 49 Resp: 686

Ion Ratio Lower Upper

49 100

129 48.3 0.0 5.0#

130 0.0 64.6 97.0#



#33

1,2-Dichloroethane-d4

Concen: 46.561 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014401.D

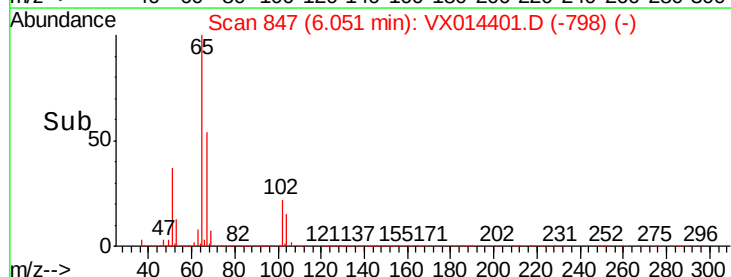
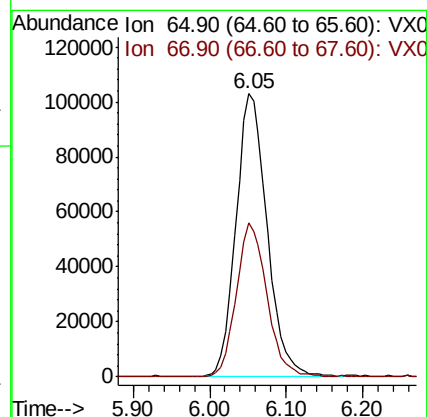
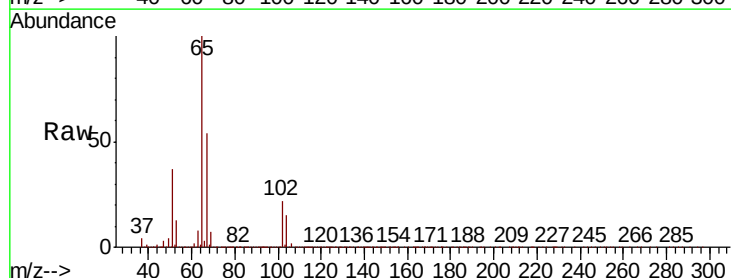
Acq: 03 Jan 2020 15:27

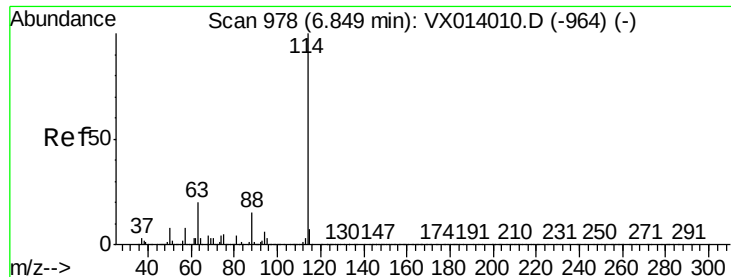
Tgt Ion: 65 Resp: 288330

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

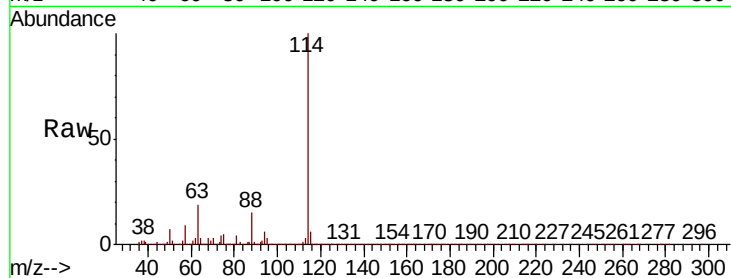
Tot Ion:114 Resp: 818079

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

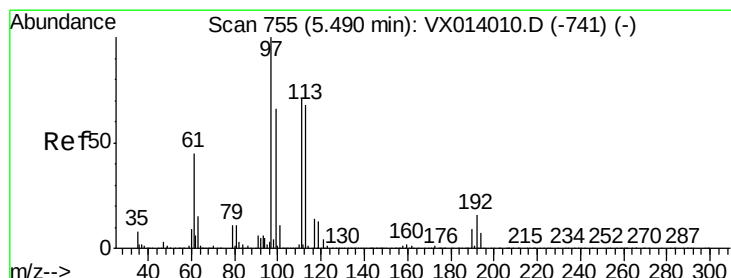
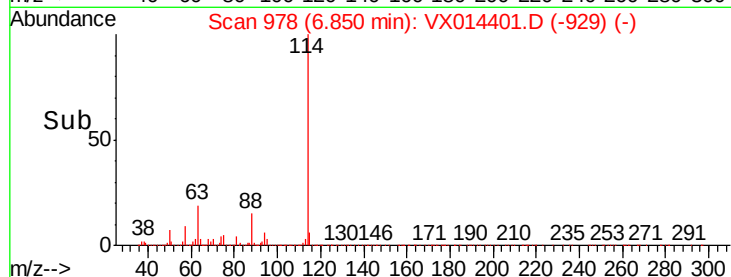
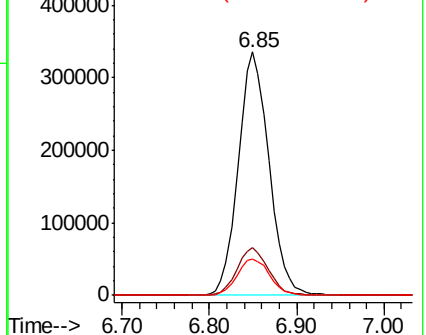
88 15.0 0.0 30.4



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: 46.832 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

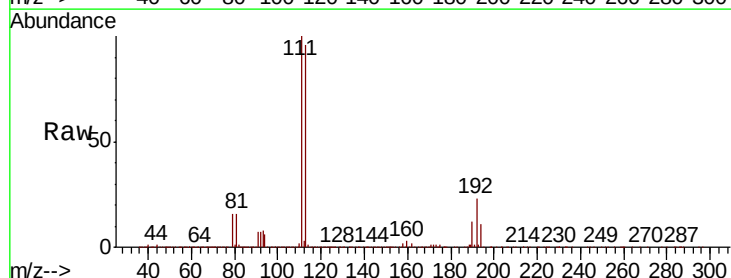
Tgt Ion:113 Resp: 232895

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

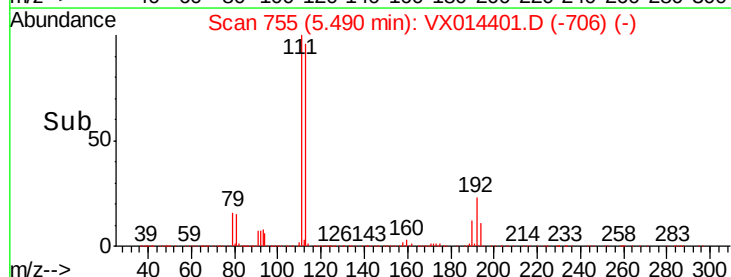
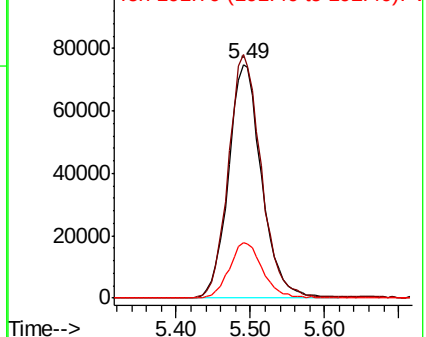
192 24.0 19.3 28.9

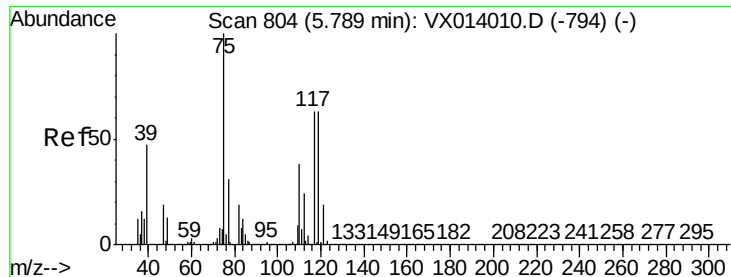


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

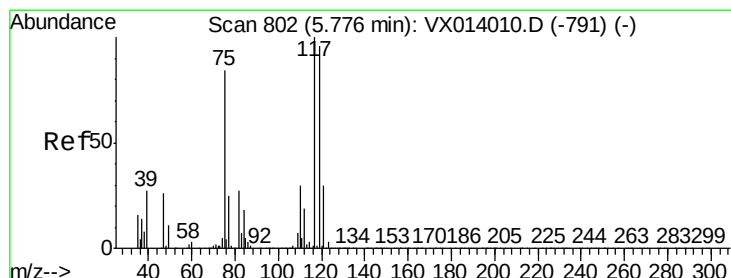
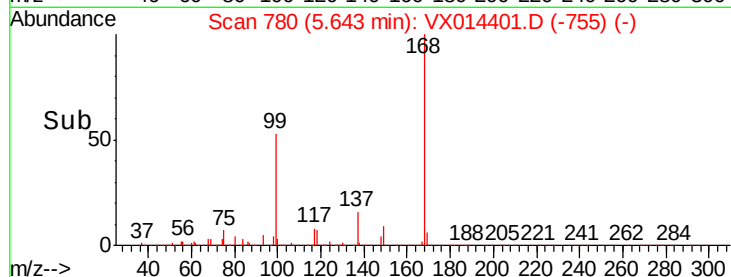
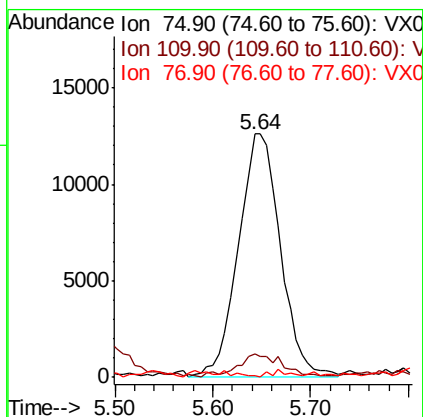
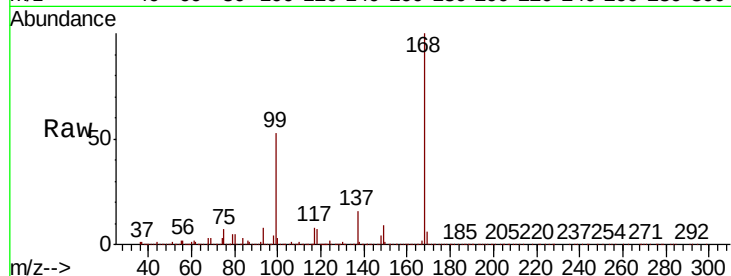




#36
 1,1-Dichloropropene
 Concen: 5.015 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX014401.D
 Acq: 03 Jan 2020 15:27

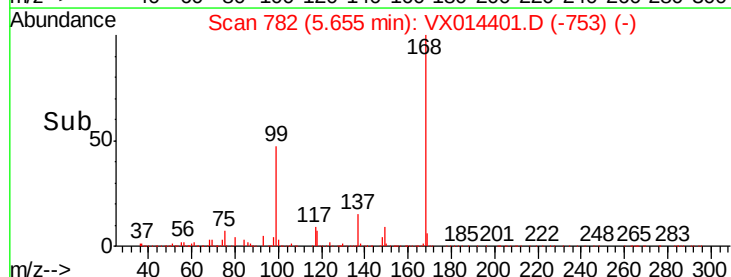
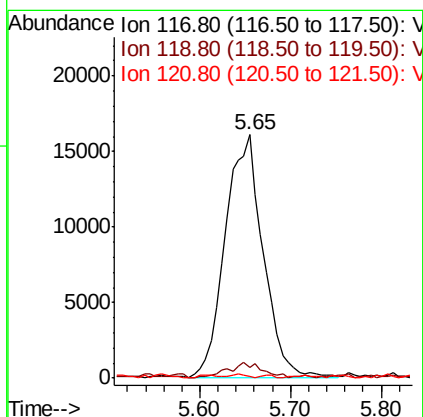
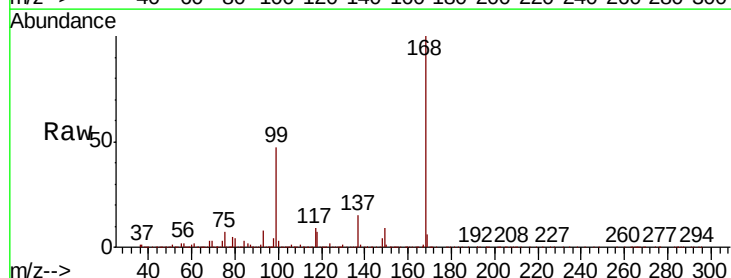
Instrument :
 MSVOA_X
 ClientSampleId :

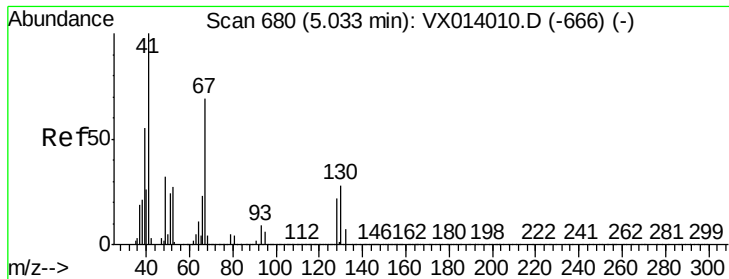
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.3	54.9#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.853 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX014401.D
 Acq: 03 Jan 2020 15:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.2	114.4#
121	1.0	23.6	35.4#





#41

Methacrylonitrile

Concen: 0.254 ug/l

RT: 5.06 min Scan# 684

Delta R.T. 0.02 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 1168

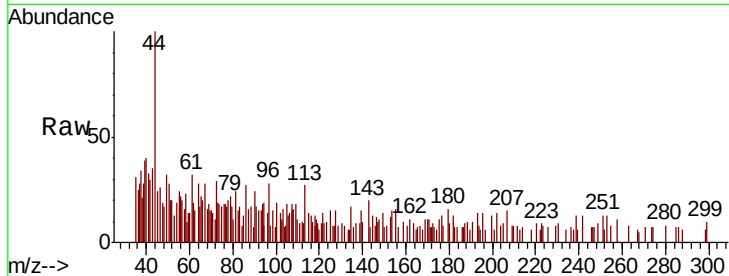
Ion Ratio Lower Upper

41 100

39 0.0 44.5 66.7#

67 28.9 57.4 86.0#

52 84.8 23.0 34.4#

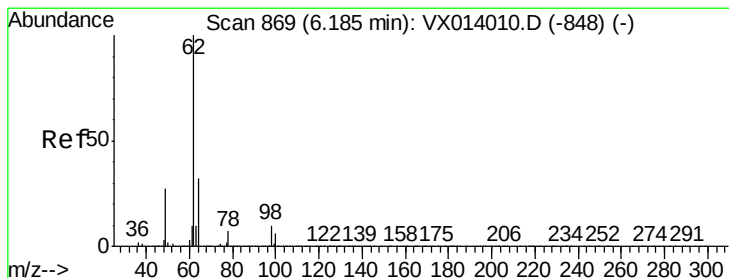
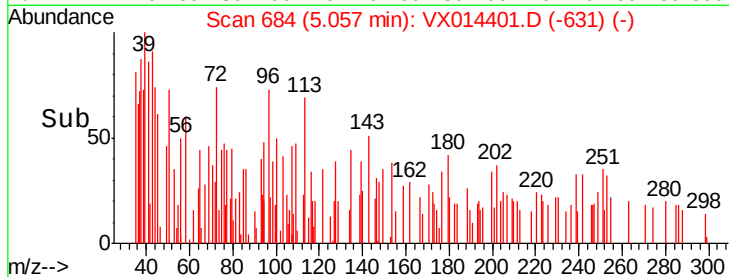
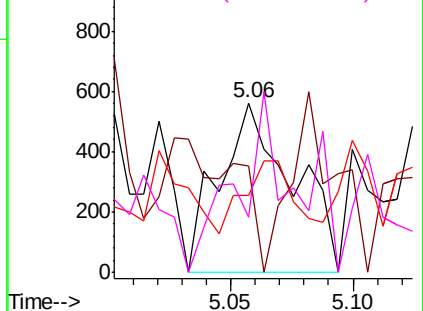


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 0.465 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX014401.D

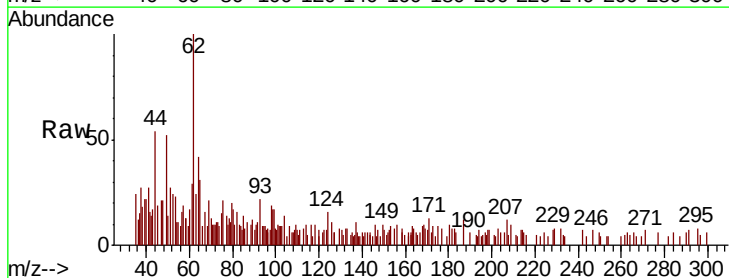
Acq: 03 Jan 2020 15:27

Tgt Ion: 62 Resp: 3642

Ion Ratio Lower Upper

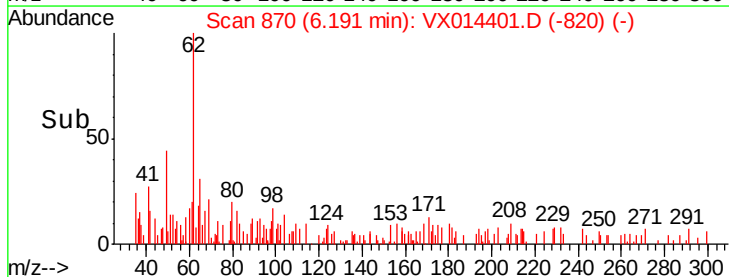
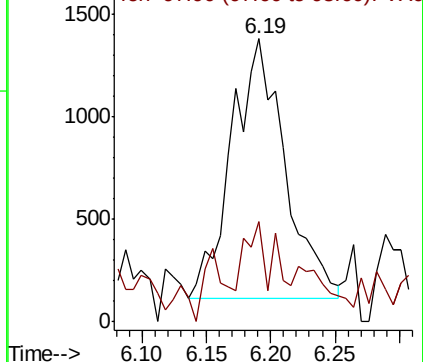
62 100

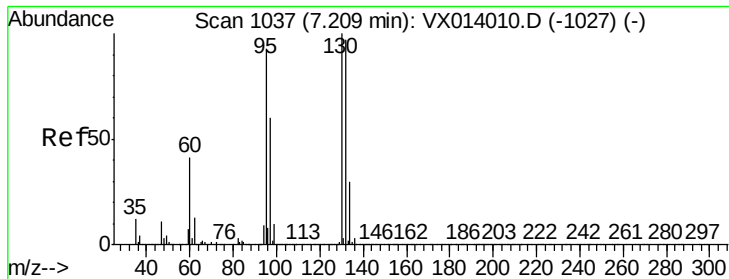
98 17.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 24.832 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

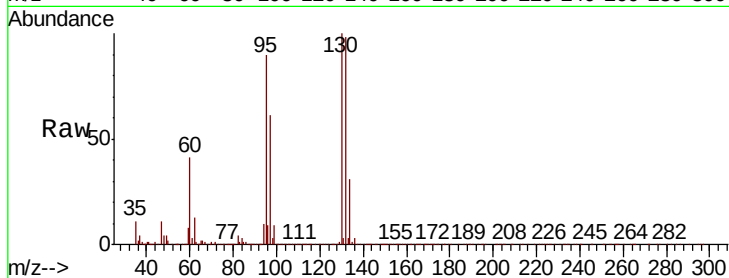
ClientSampled :

Tot Ion:130 Resp: 158414

Ion Ratio Lower Upper

130 100

95 90.1 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

80000

60000

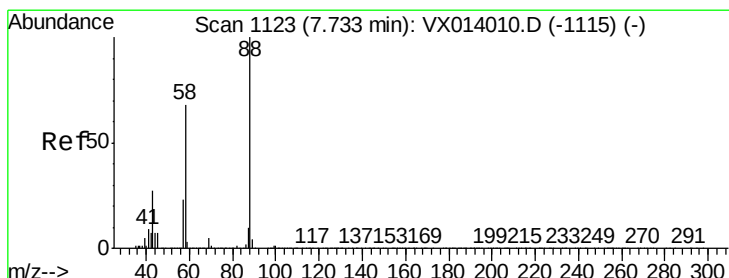
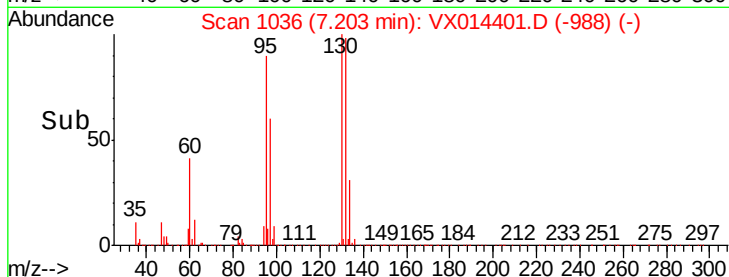
40000

20000

0

7.10 7.20 7.30

Time-->



#49

1,4-Dioxane

Concen: 1.661 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

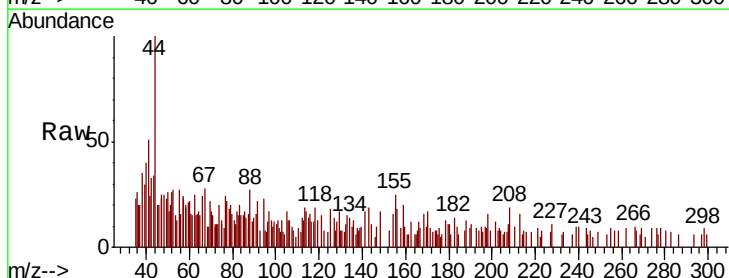
Tgt Ion: 88 Resp: 227

Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

58 0.0 56.8 85.2#



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

1000

800

600

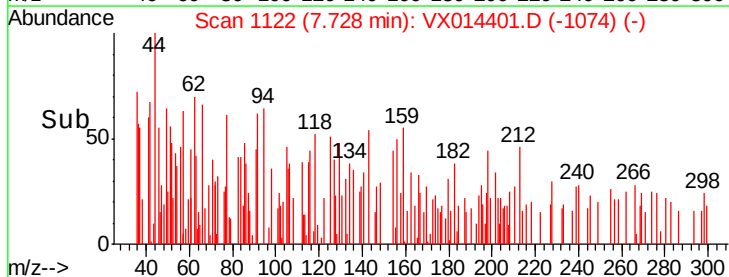
400

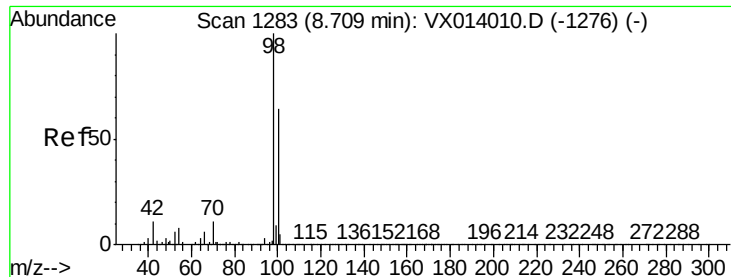
200

0

7.71 7.72 7.73 7.74

Time-->





#50

Toluene-d8

Concen: 50.293 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

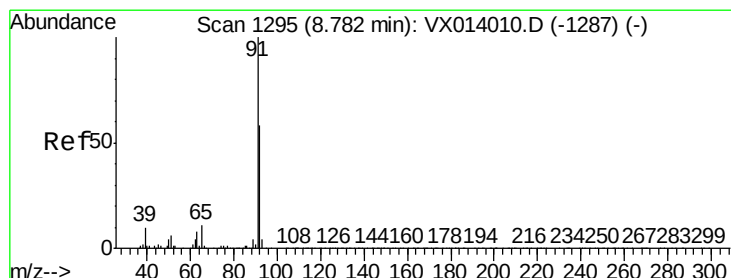
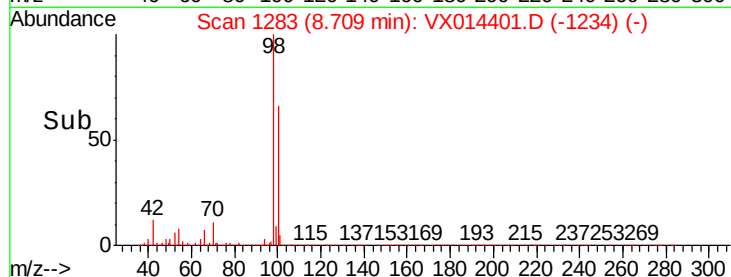
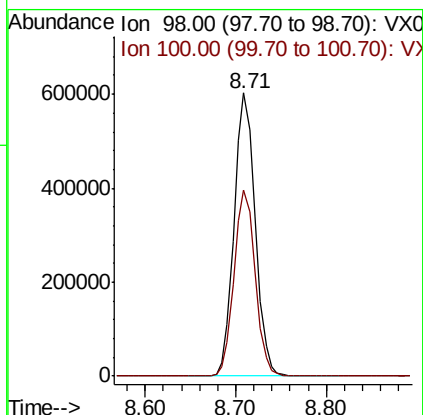
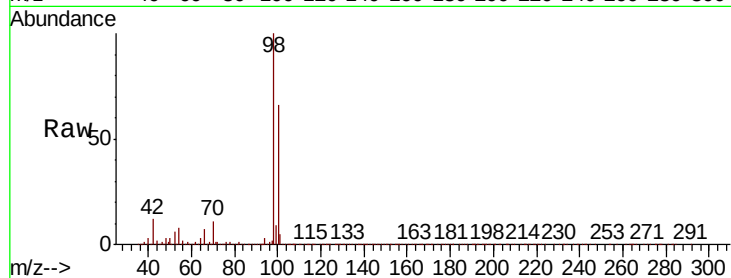
ClientSampleId :

Tot Ion: 98 Resp: 973734

Ion Ratio Lower Upper

98 100

100 66.0 52.9 79.3



#52

Toluene

Concen: 2.223 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014401.D

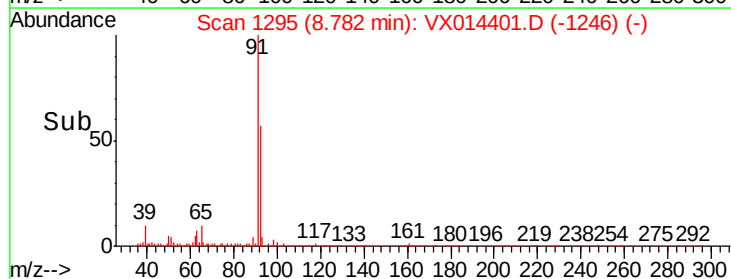
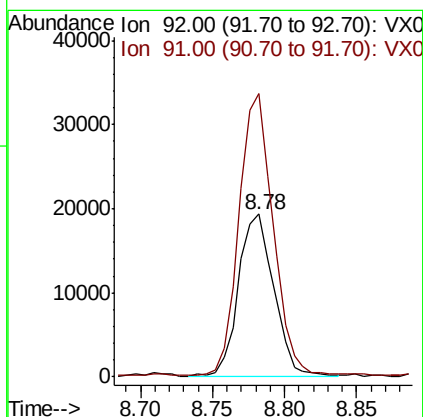
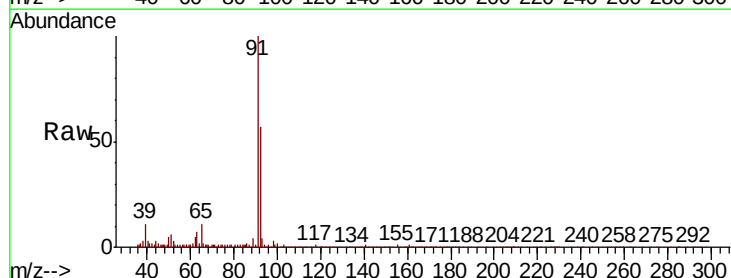
Acq: 03 Jan 2020 15:27

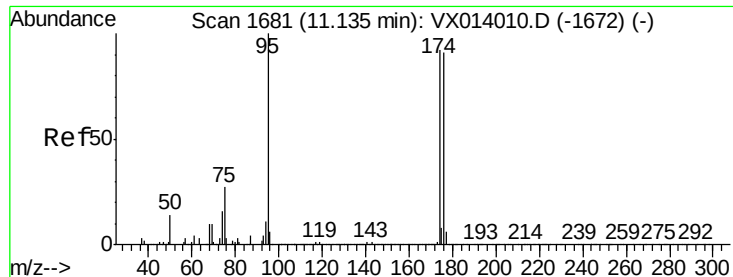
Tgt Ion: 92 Resp: 32455

Ion Ratio Lower Upper

92 100

91 169.6 136.2 204.4





#62

4-Bromofluorobenzene

Concen: 48.826 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

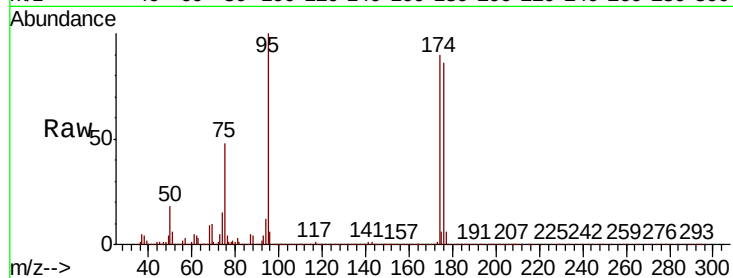
Tot Ion: 95 Resp: 345557

Ion Ratio Lower Upper

95 100

174 89.6 0.0 175.8

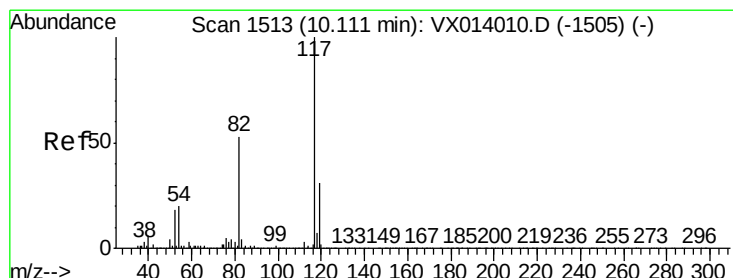
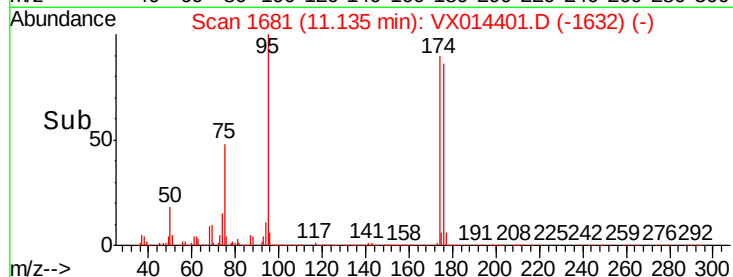
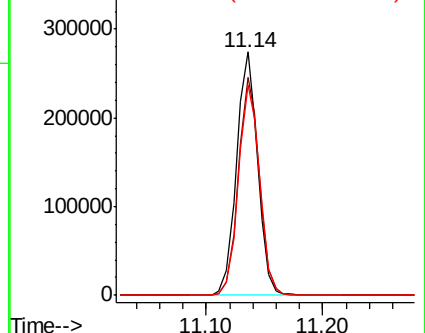
176 87.5 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX014401.D (-1672) (-)

Ion 173.80 (173.50 to 174.50): VX014401.D (-1672) (-)

Ion 175.80 (175.50 to 176.50): VX014401.D (-1672) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

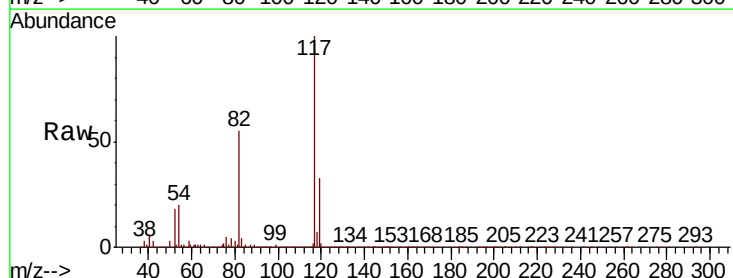
Tgt Ion: 117 Resp: 732746

Ion Ratio Lower Upper

117 100

82 54.6 42.2 63.4

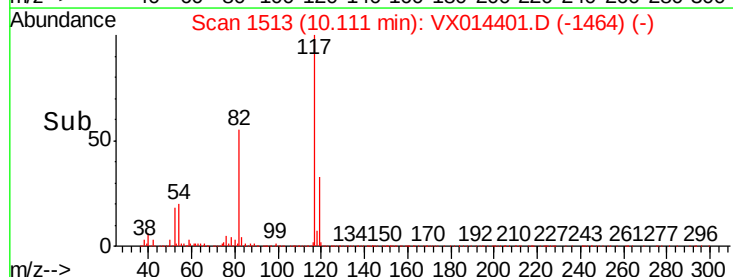
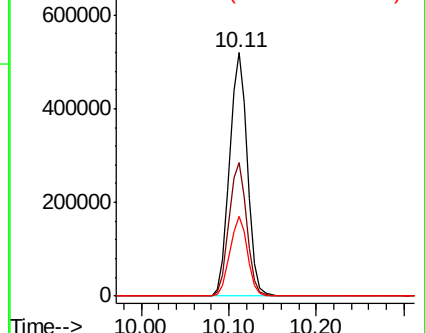
119 32.5 25.1 37.7

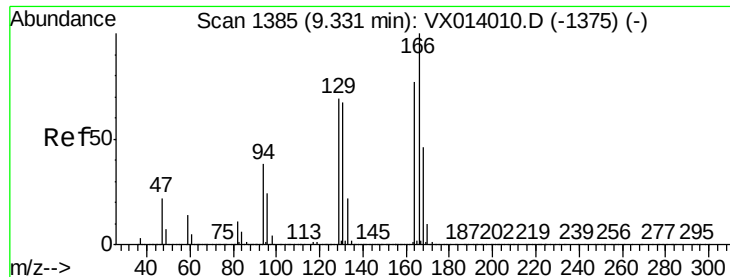


Abundance Ion 116.90 (116.60 to 117.60): VX014401.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX014401.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX014401.D (-1464) (-)





#64

Tetrachloroethene

Concen: 0.516 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 3346

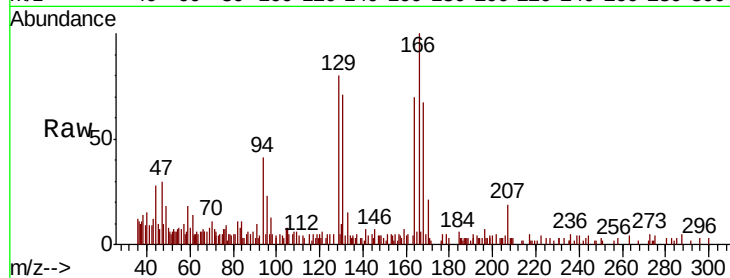
Ion Ratio Lower Upper

164 100

166 139.2 104.0 156.0

129 106.5 72.2 108.4

131 95.9 69.6 104.4

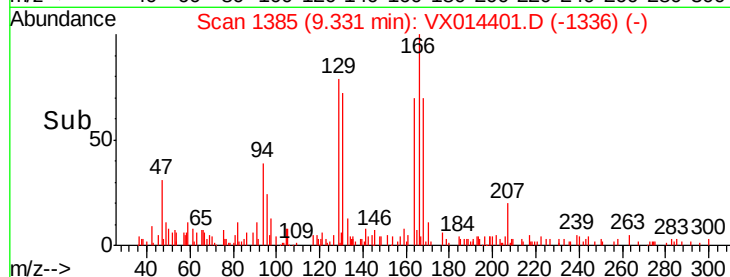


Abundance Ion 163.80 (163.50 to 164.50): V

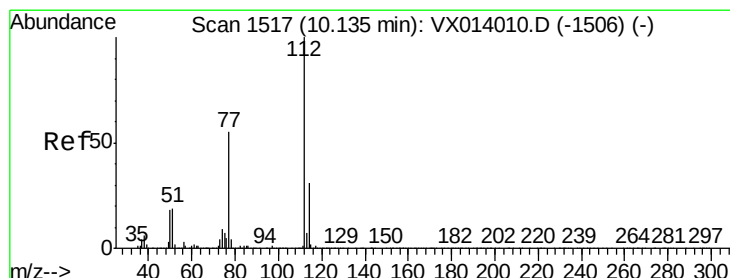
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#65

Chlorobenzene

Concen: 1.170 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014401.D

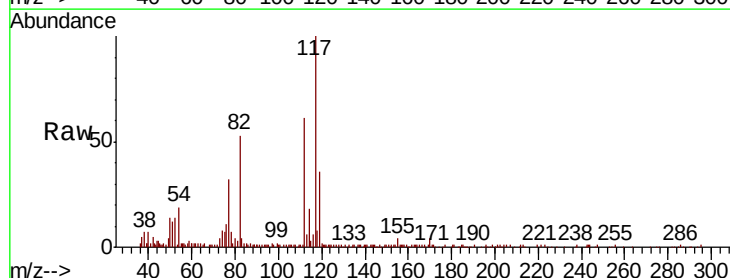
Acq: 03 Jan 2020 15:27

Tgt Ion:112 Resp: 18234

Ion Ratio Lower Upper

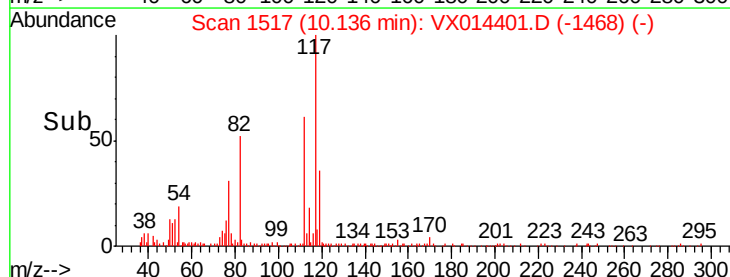
112 100

114 28.9 24.9 37.3

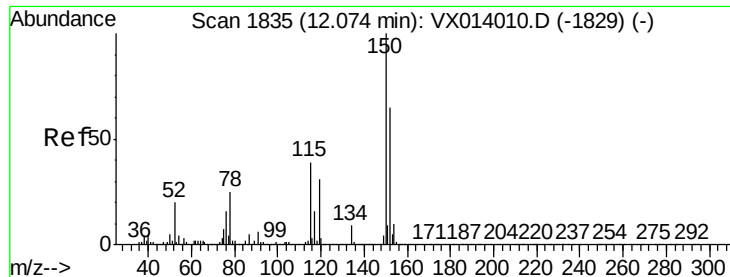


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



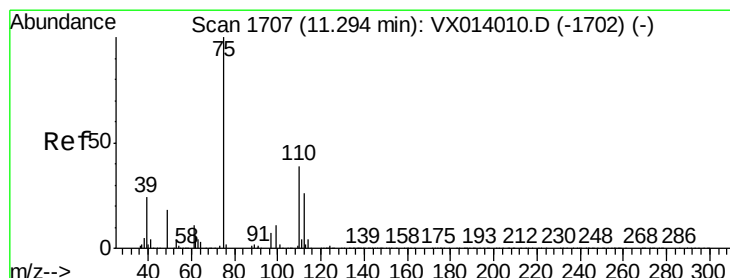
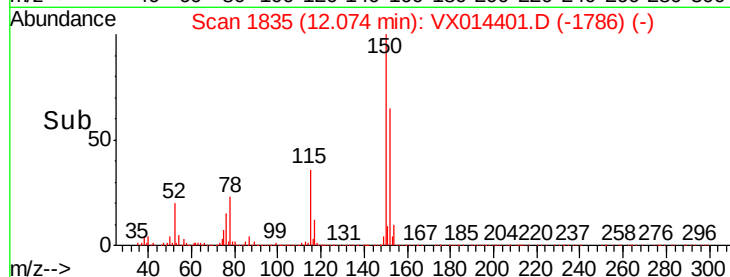
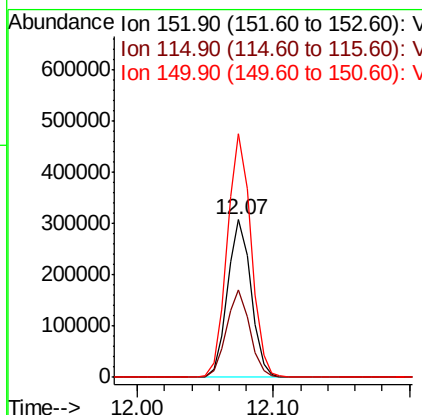
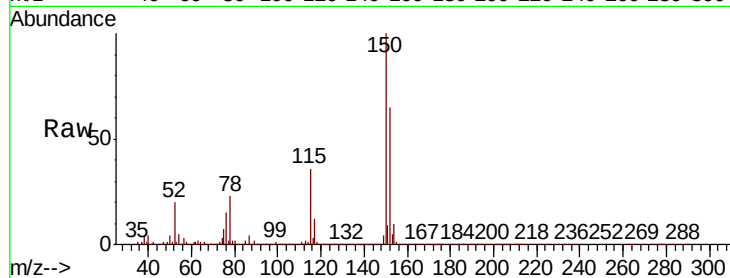
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX014401.D
 Acq: 03 Jan 2020 15:27

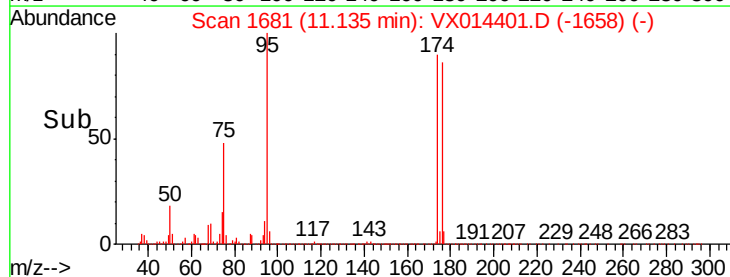
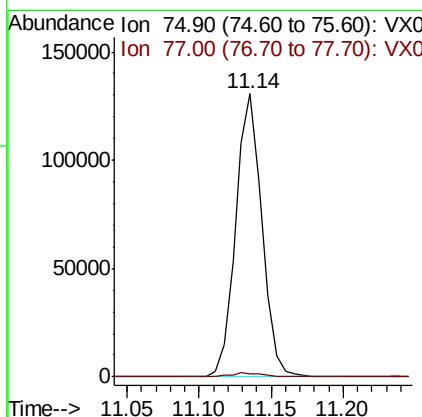
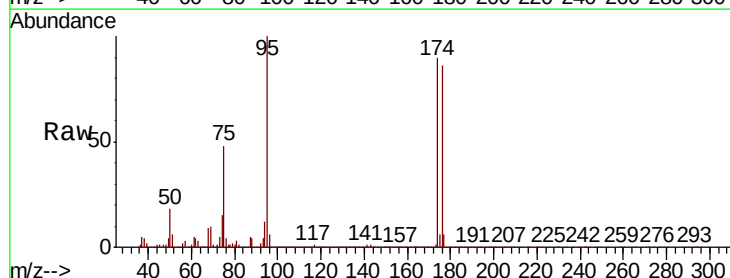
Instrument :
 MSVOA_X
 ClientSampled :

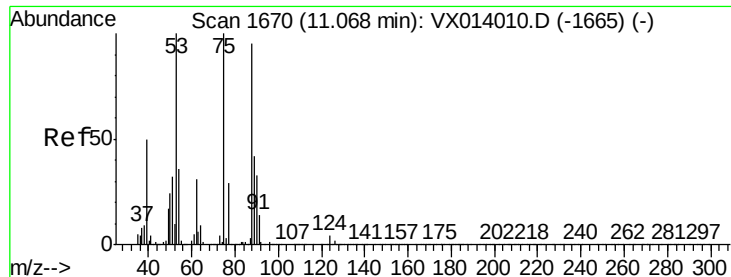
Tot Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.3	114.9
150	155.6	0.0	345.4



#76
 1,2,3-Trichloropropane
 Concen: 20.520 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX014401.D
 Acq: 03 Jan 2020 15:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.3	57.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 57.917 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

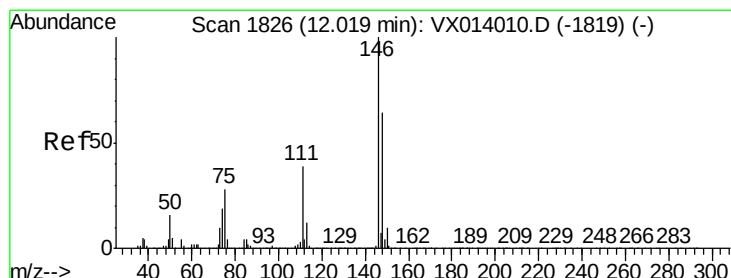
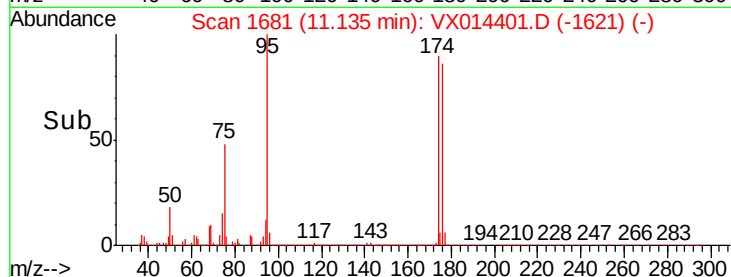
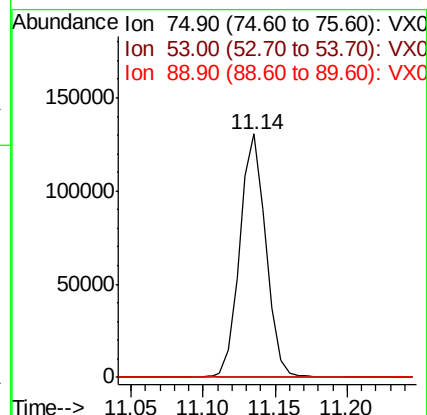
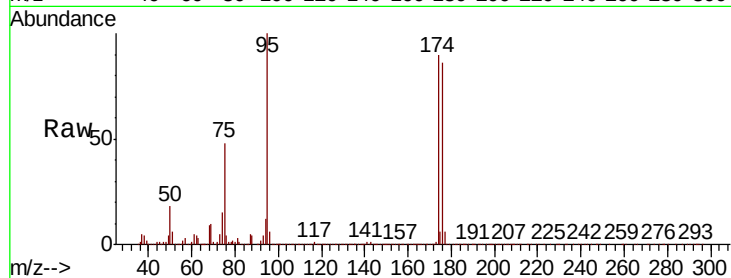
Tot Ion: 75 Resp: 164809

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

89 0.0 34.6 51.8#



#87

1,3-Dichlorobenzene

Concen: 0.323 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

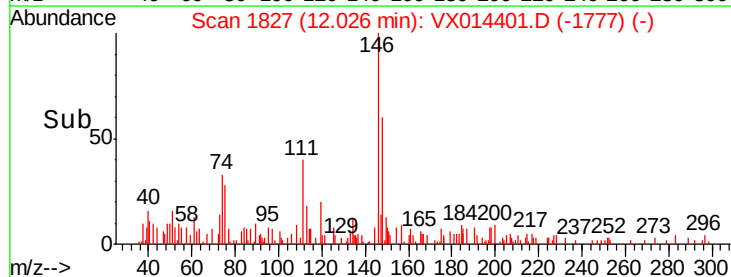
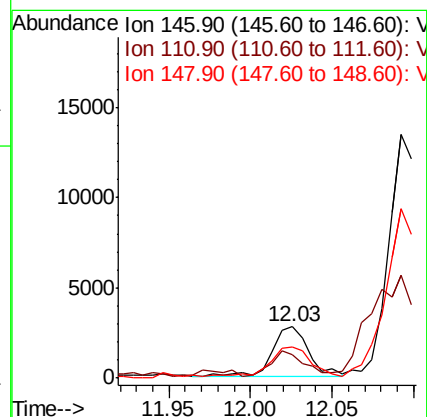
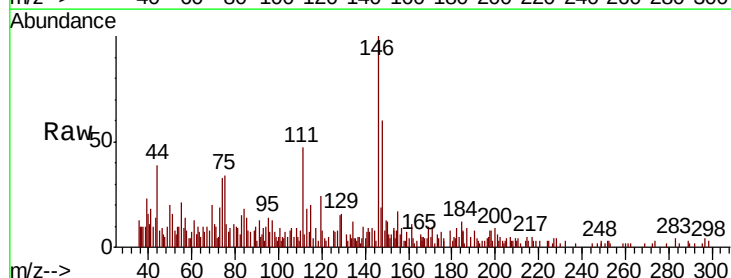
Tgt Ion: 146 Resp: 4057

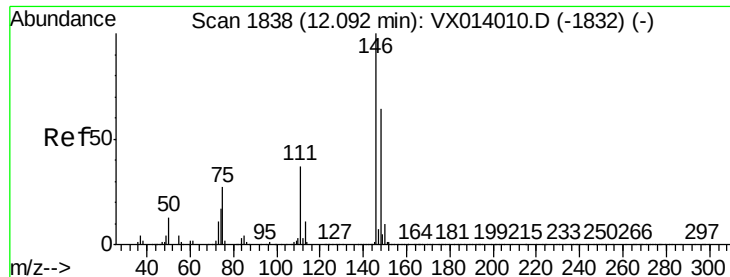
Ion Ratio Lower Upper

146 100

111 46.9 19.1 57.1

148 78.4 32.3 96.9





#88

1,4-Dichlorobenzene

Concen: 0.318 ug/l

RT: 12.03 min Scan# 1827

Delta R.T. -0.07 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

Instrument :

MSVOA_X

ClientSampleId :

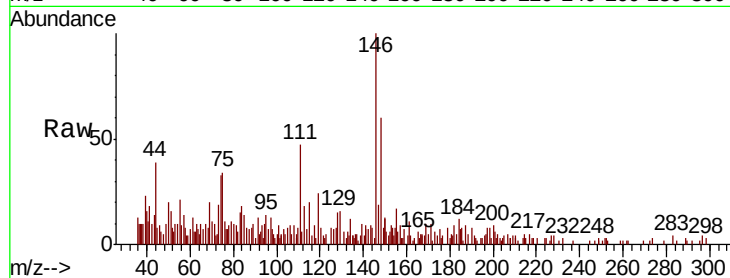
Tot Ion:146 Resp: 4057

Ion Ratio Lower Upper

146 100

111 46.9 18.7 56.1

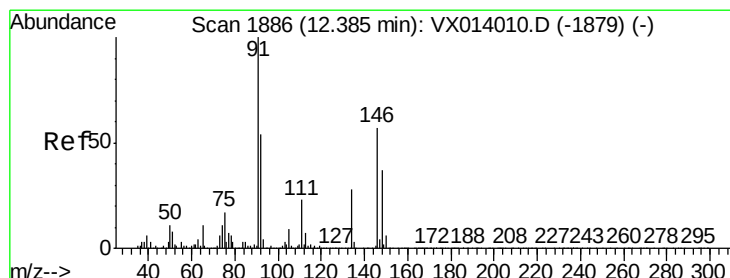
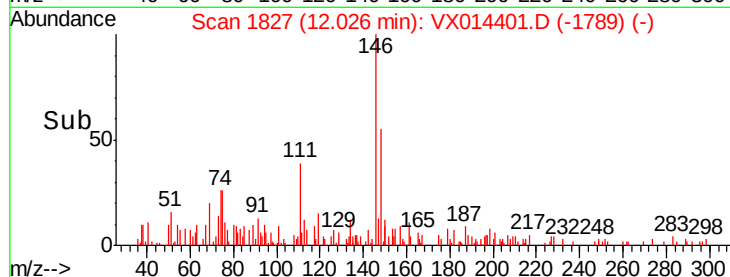
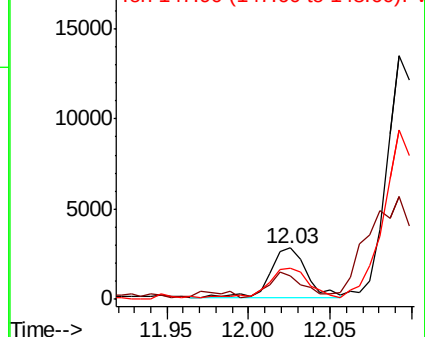
148 70.6 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 1.815 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX014401.D

Acq: 03 Jan 2020 15:27

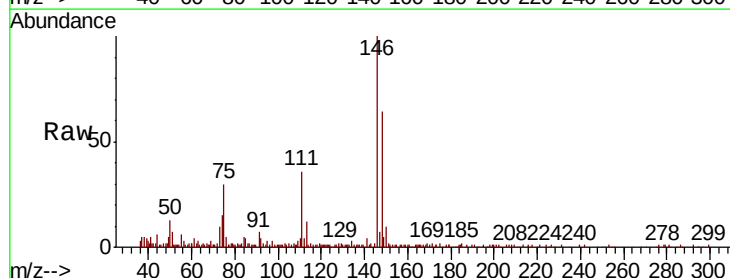
Tgt Ion:146 Resp: 22947

Ion Ratio Lower Upper

146 100

111 41.6 19.7 59.1

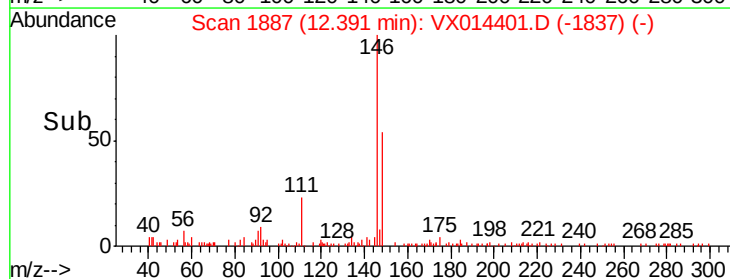
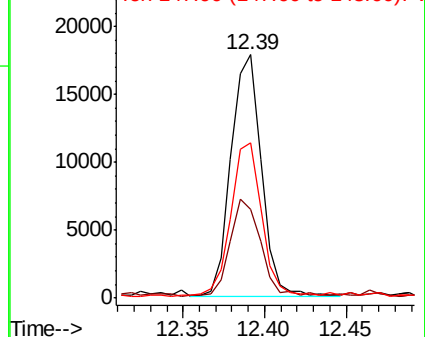
148 65.6 32.1 96.5

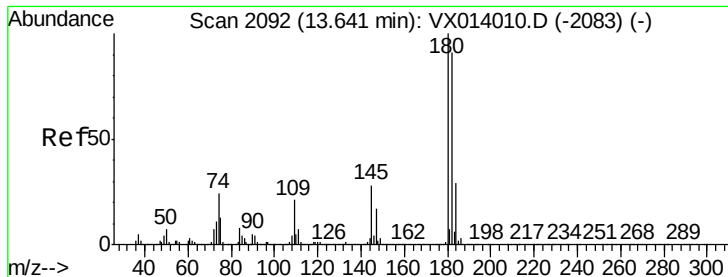


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

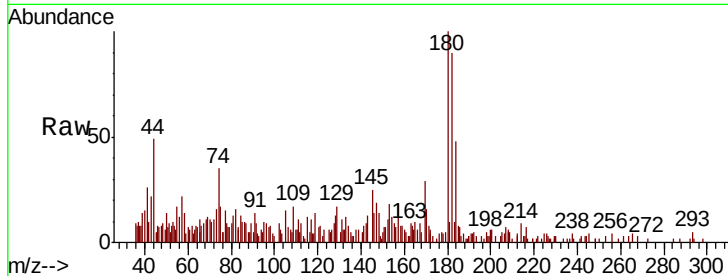




#93
 1,2,4-Trichlorobenzene
 Concen: 0.415 ug/l
 RT: 13.65 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: VX014401.D
 Acq: 03 Jan 2020 15:27

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	102.0	46.6	139.8
145	38.4	14.2	42.6

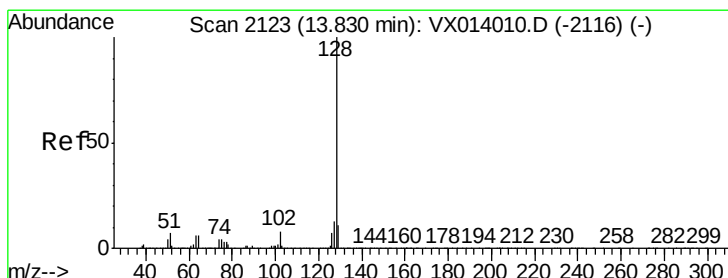
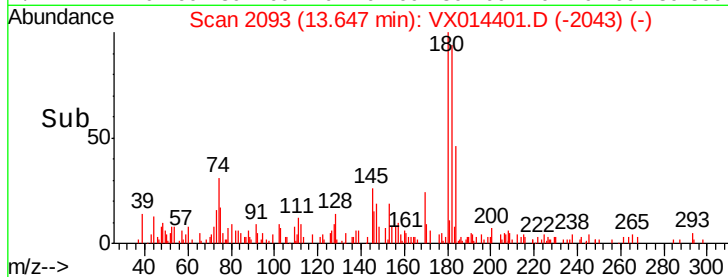
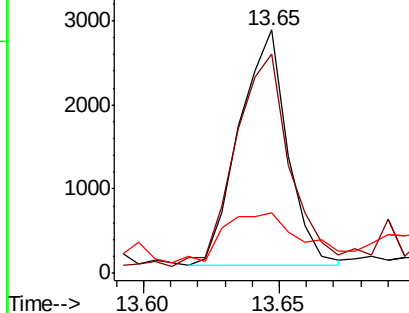


Abundance

Ion 179.80 (179.50 to 180.50): V

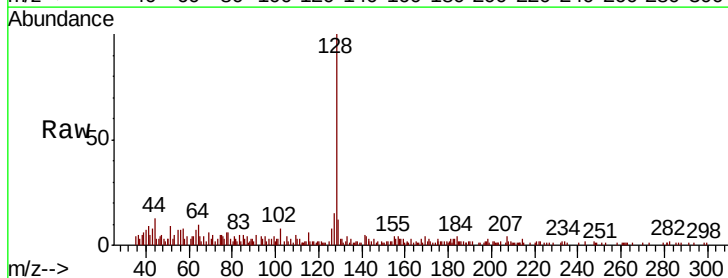
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 0.407 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX014401.D
 Acq: 03 Jan 2020 15:27

Tgt Ion	Ratio	Lower	Upper
128	100		
127	20.0	10.2	15.4#
129	11.5	8.7	13.1



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

