

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072018\
 Data File : VX003529.D
 Acq On : 21 Jul 2018 00:56
 Operator : JC/SP
 Sample : J4014-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218

Quant Time: Jul 21 03:44:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	305742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	427510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222541	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	183732	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
35) Dibromofluoromethane	5.50	113	174369	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	
50) Toluene-d8	8.72	98	607183	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.14	95	209407	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	

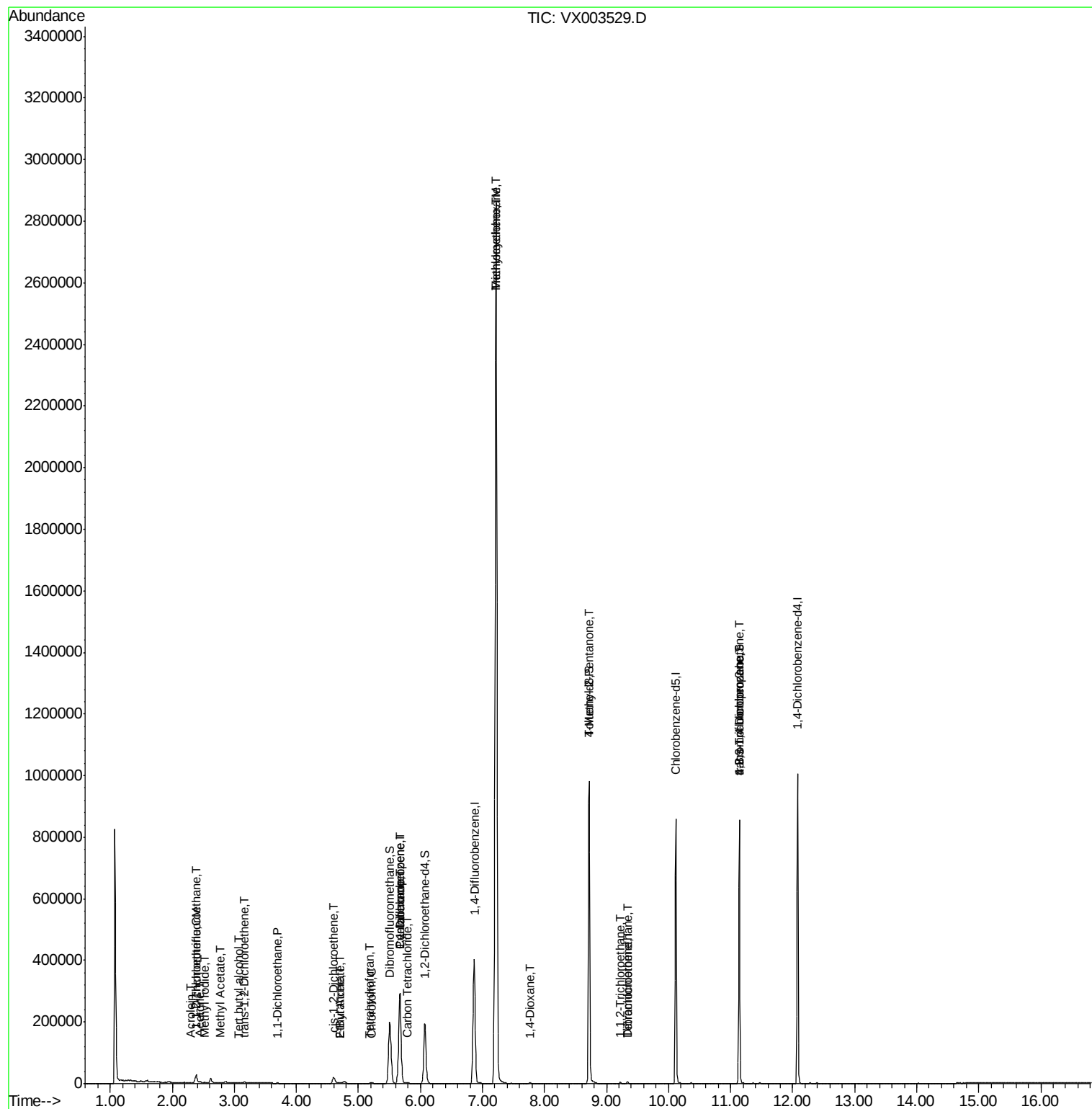
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	310	Below Cal		92
3) Chloromethane	1.32	50	960	Below Cal		90
5) Bromomethane	1.67	94	1349	Below Cal		92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	9346	2.76	ug/l	96
10) Methyl Iodide	2.52	142	1049	0.26	ug/l #	88
11) Tert butyl alcohol	3.07	59	297	0.41	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	2224	0.71	ug/l	85
13) Acrolein	2.30	56	98	0.30	ug/l #	1
16) Acetone	2.45	43	2918	2.13	ug/l #	77
18) Methyl Acetate	2.78	43	1078	0.25	ug/l #	84
20) Methylene Chloride	2.87	84	1131	Below Cal	#	67
21) trans-1,2-Dichloroethene	3.17	96	1171	0.34	ug/l #	69
24) 1,1-Dichloroethane	3.70	63	1353	0.22	ug/l #	83
25) 2-Butanone	4.71	43	3887	1.69	ug/l #	89
27) cis-1,2-Dichloroethene	4.60	96	9231	2.39	ug/l #	2
29) Tetrahydrofuran	5.18	42	833	0.55	ug/l #	68
30) Chloroform	5.21	83	3560	0.60	ug/l #	83
31) Cyclohexane	5.67	56	4812	0.88	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	19169	4.15	ug/l #	49
37) Ethyl Acetate	4.71	43	3887	0.89	ug/l #	70
38) Carbon Tetrachloride	5.79	117	2492	0.55	ug/l #	81
39) Methylcyclohexane	7.21	83	12902	2.36	ug/l #	1
44) Trichloroethene	7.22	130	1185334	285.21	ug/l	98
49) 1,4-Dioxane	7.77	88	1104	13.91	ug/l #	79
51) 4-Methyl-2-Pentanone	8.72	43	2517	0.57	ug/l #	1
55) 1,1,2-Trichloroethane	9.22	97	1138	0.33	ug/l	95
60) Dibromochloromethane	9.34	129	1057	0.31	ug/l #	11
64) Tetrachloroethene	9.34	164	1325	0.27	ug/l	87
76) 1,2,3-Trichloropropane	11.14	75	100163	25.05	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.14	75	100163	70.15	ug/l #	7

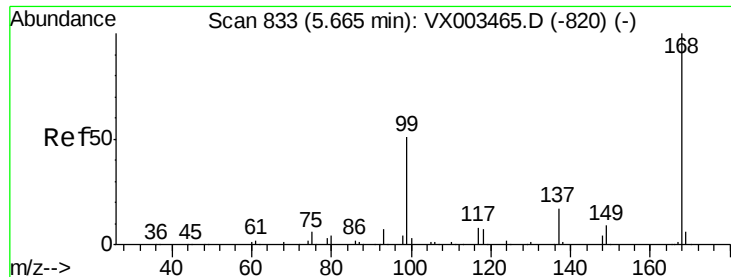
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

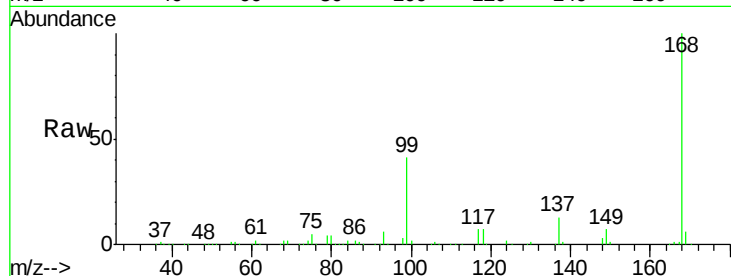
RE122D1-071218

Tot Ion:168 Resp: 305742

Ion Ratio Lower Upper

168 100

99 41.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

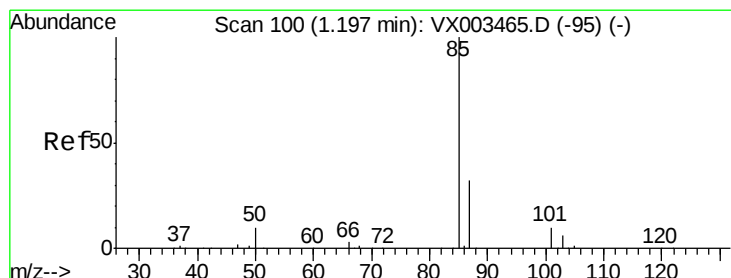
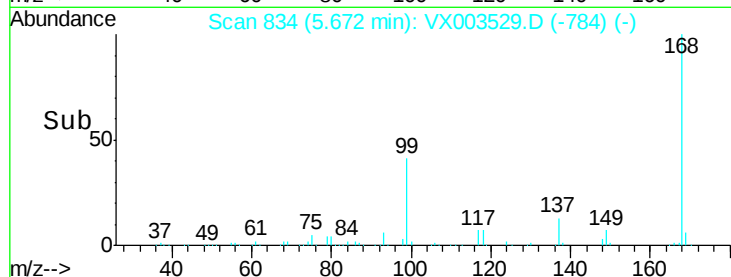
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003529.D

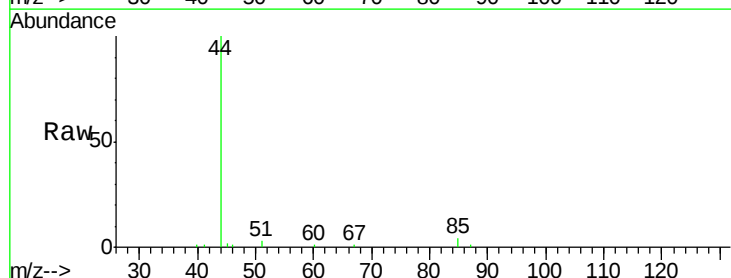
Acq: 21 Jul 2018 00:56

Tgt Ion: 85 Resp: 310

Ion Ratio Lower Upper

85 100

87 27.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400

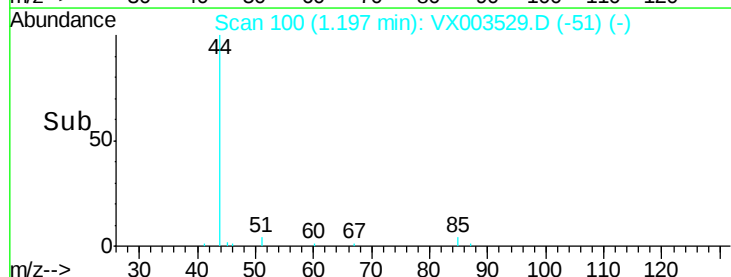
300

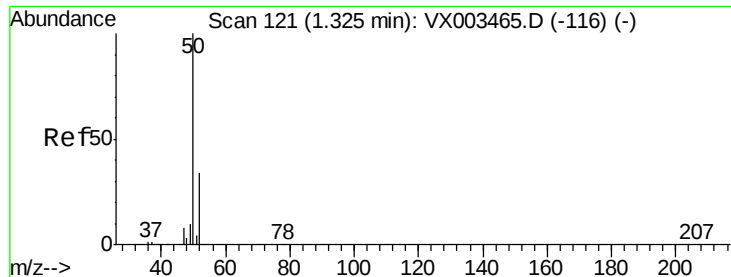
200

100

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

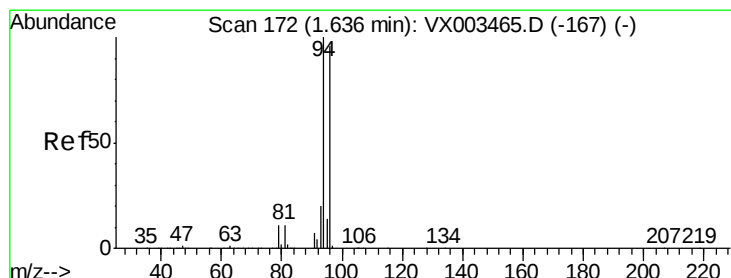
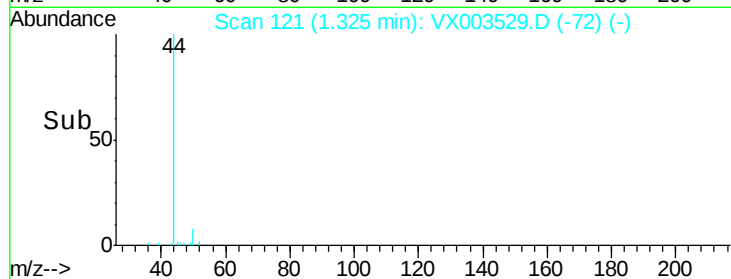
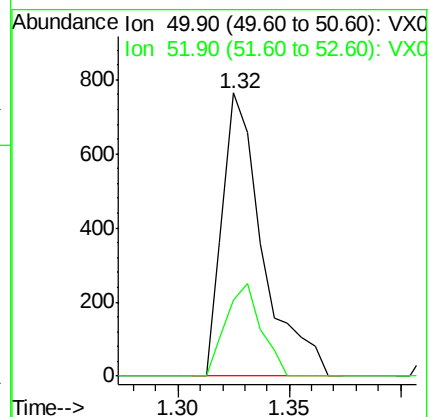
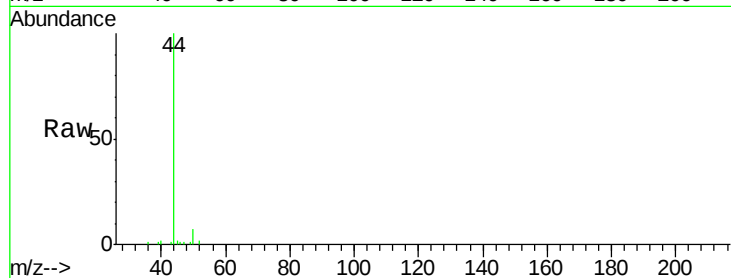
RE122D1-071218

Tot Ion: 50 Resp: 960

Ion Ratio Lower Upper

50 100

52 26.7 25.7 38.5



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX003529.D

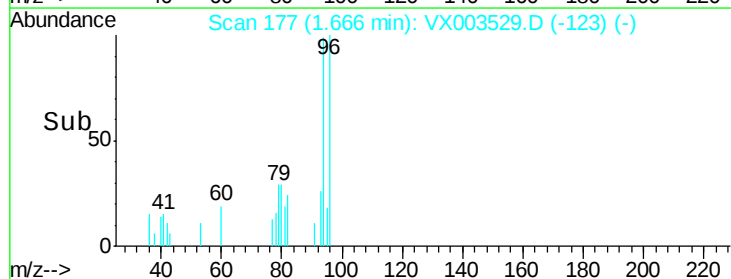
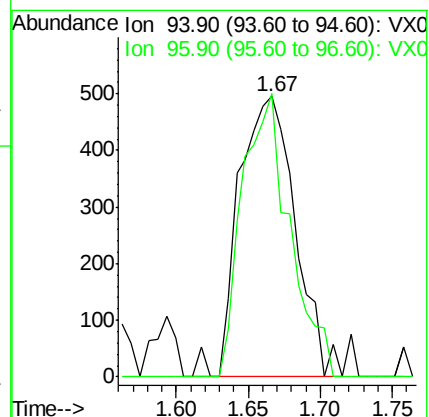
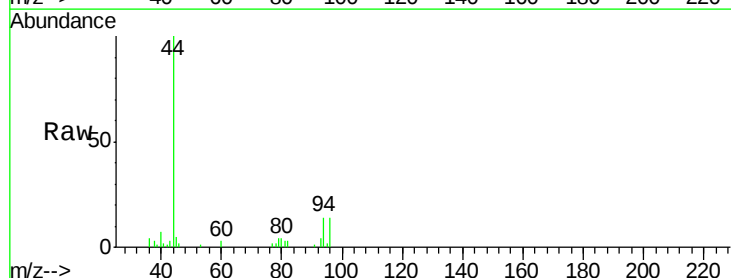
Acq: 21 Jul 2018 00:56

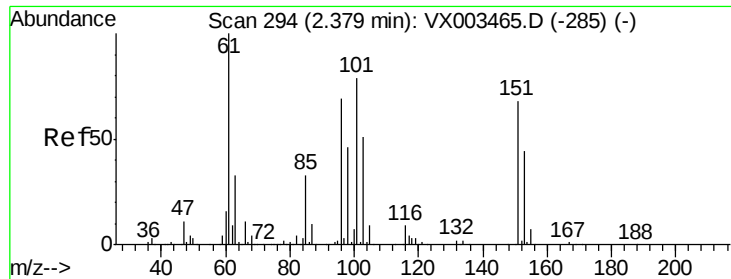
Tgt Ion: 94 Resp: 1349

Ion Ratio Lower Upper

94 100

96 101.0 74.9 112.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.76 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-071218

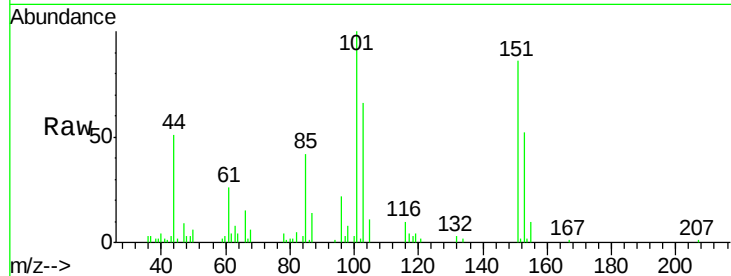
Tot Ion:101 Resp: 9346

Ion Ratio Lower Upper

101 100

85 41.2 36.0 54.0

151 86.4 70.9 106.3

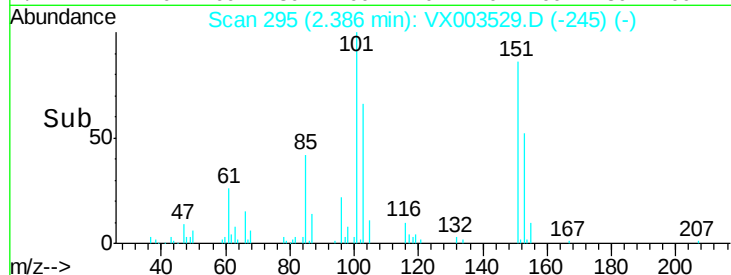


Abundance Ion 100.90 (100.60 to 101.60): V

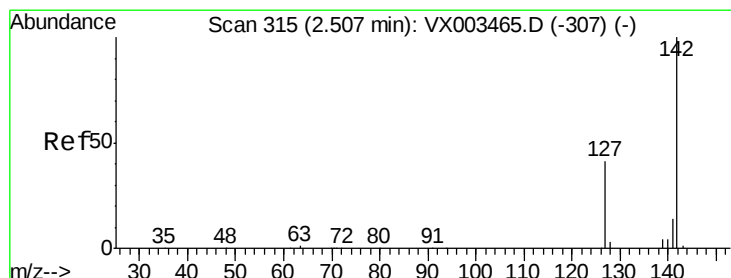
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V

Time-->



Time-->



#10

Methyl Iodide

Concen: 0.26 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

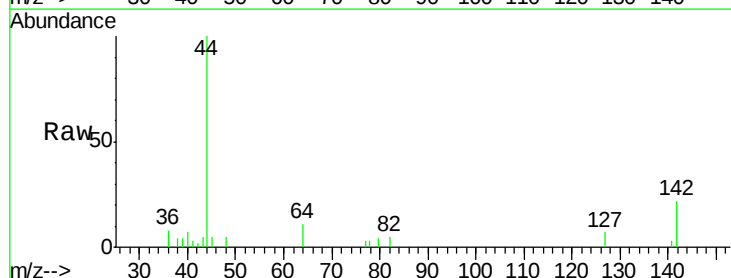
Tgt Ion:142 Resp: 1049

Ion Ratio Lower Upper

142 100

127 35.4 36.6 55.0#

141 14.2 11.3 16.9

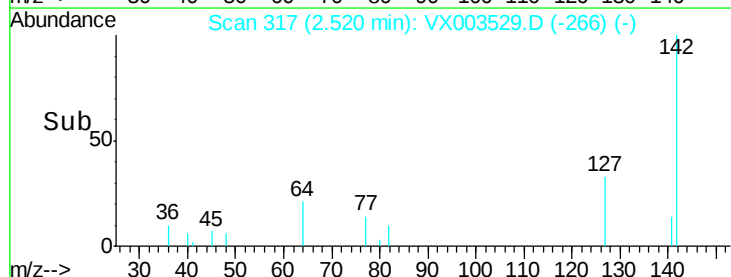


Abundance Ion 141.80 (141.50 to 142.50): V

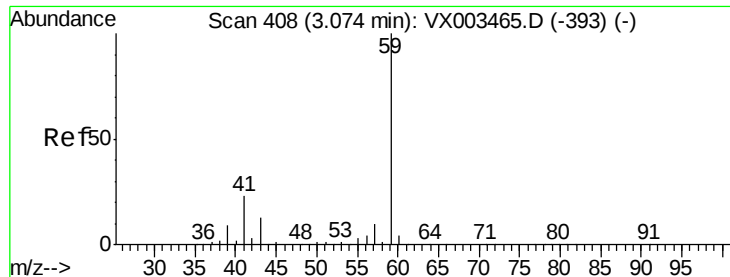
Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->



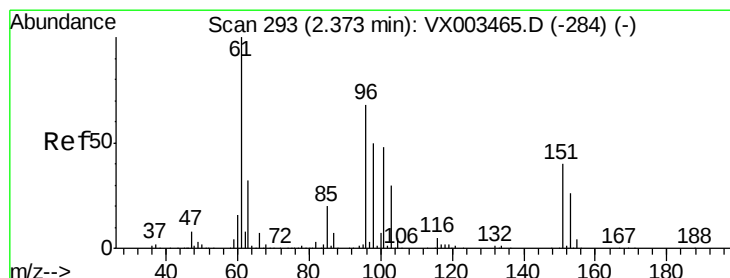
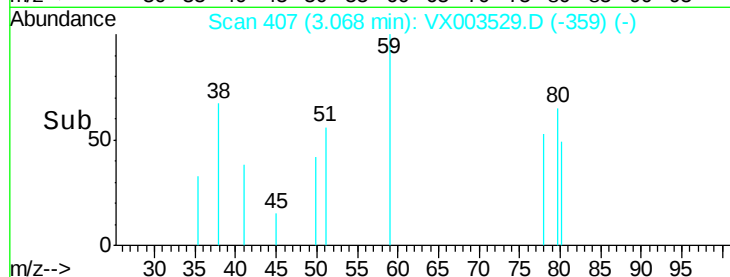
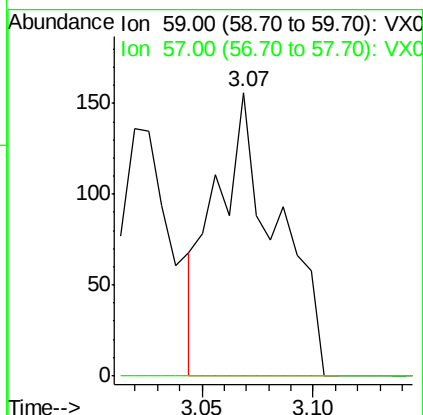
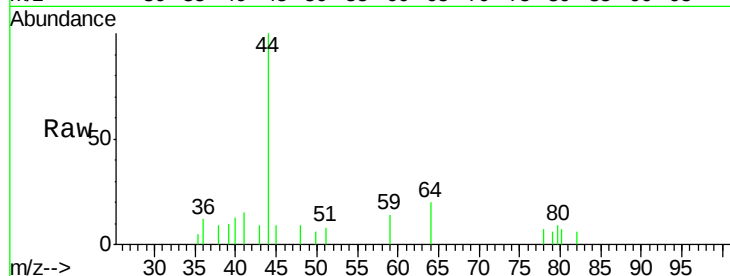
Time-->



#11
Tert butvl alcohol
Concen: 0.41 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.01 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

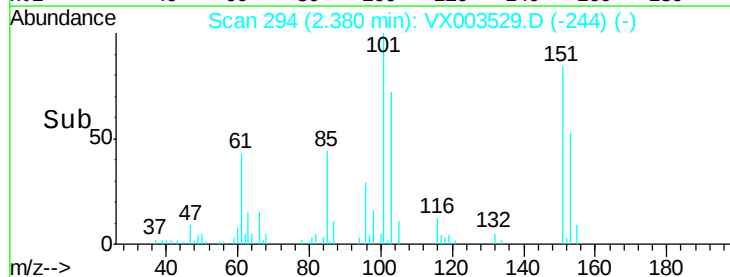
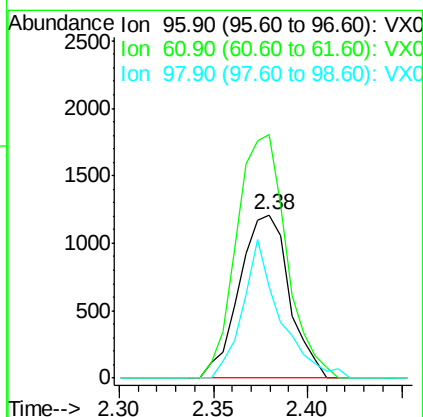
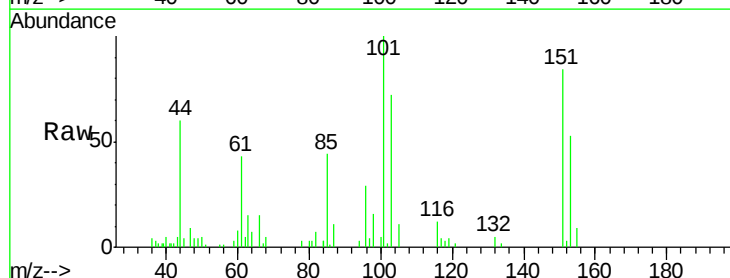
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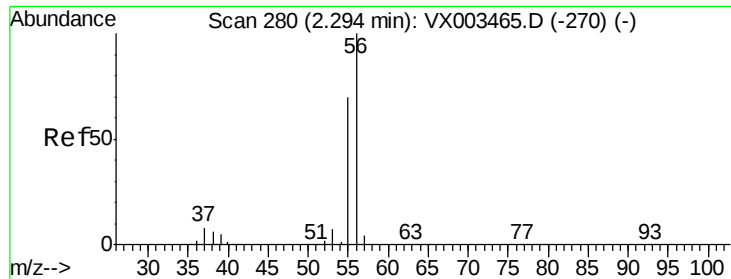
Tot Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 0.71 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

Tgt Ion: 96 Resp: 2224
Ion Ratio Lower Upper
96 100
61 149.1 137.9 206.9
98 55.6 51.6 77.4





#13

Acrolein

Concen: 0.30 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

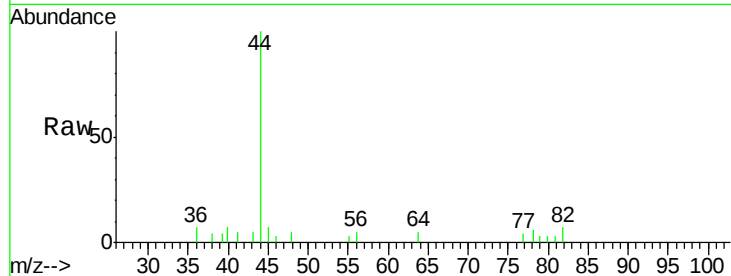
RE122D1-071218

Tot Ion: 56 Resp: 98

Ion Ratio Lower Upper

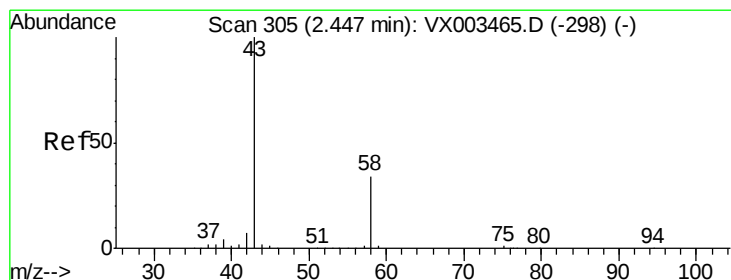
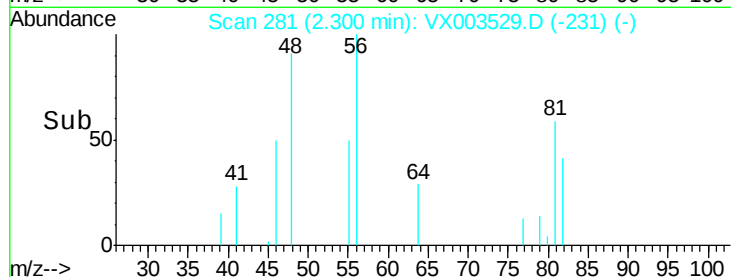
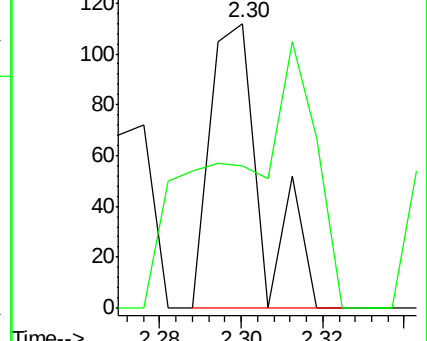
56 100

55 164.3 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 2.13 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003529.D

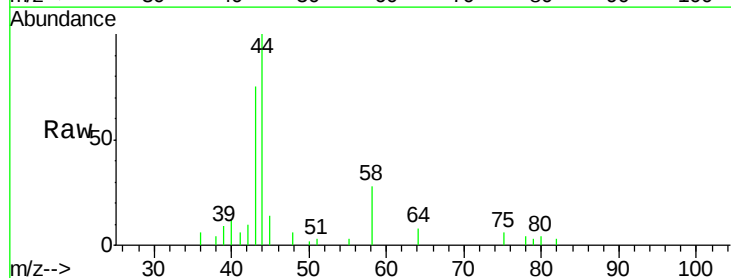
Acq: 21 Jul 2018 00:56

Tgt Ion: 43 Resp: 2918

Ion Ratio Lower Upper

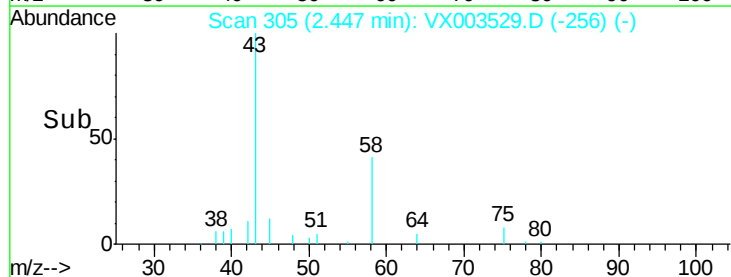
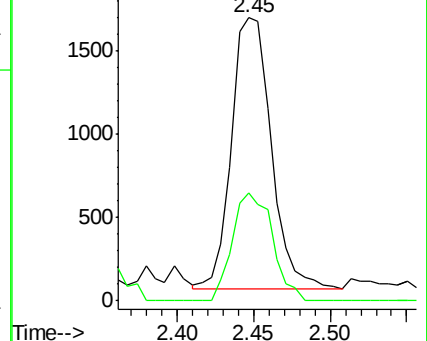
43 100

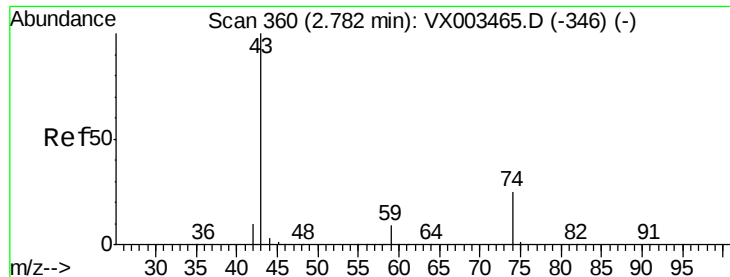
58 39.7 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

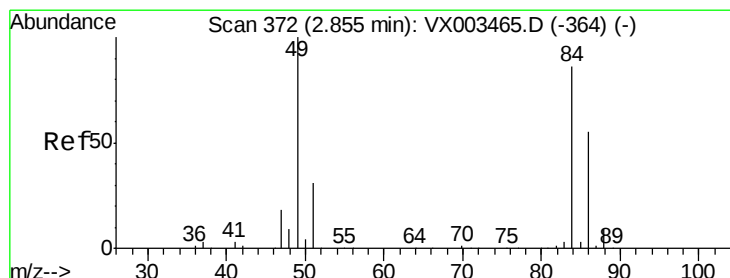
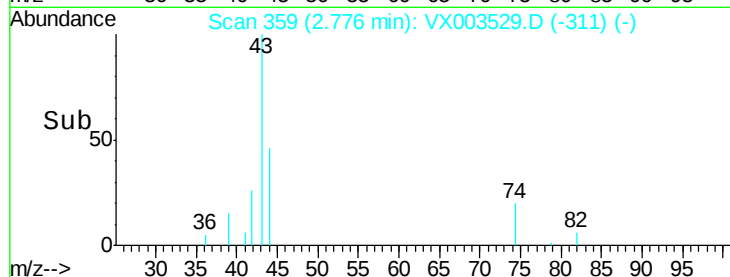
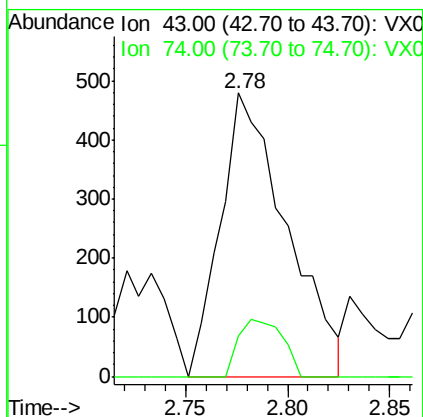
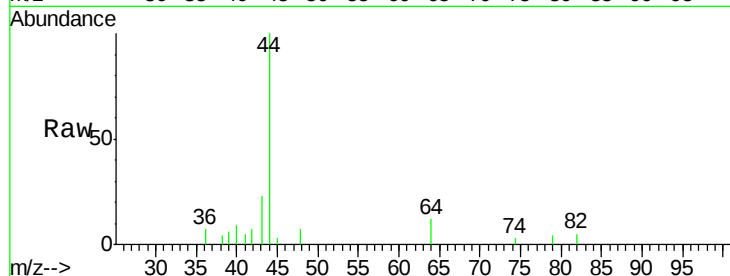




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

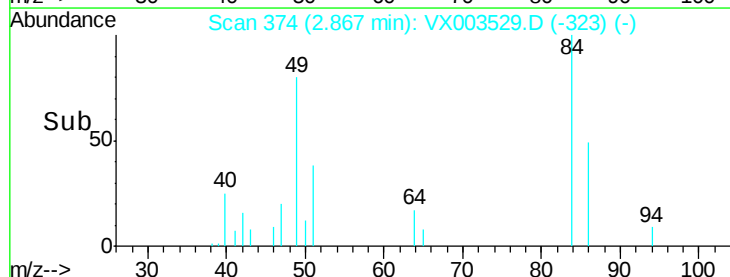
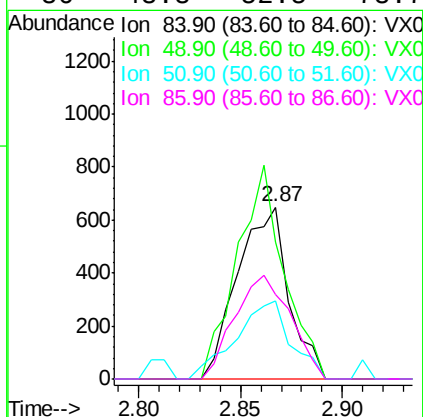
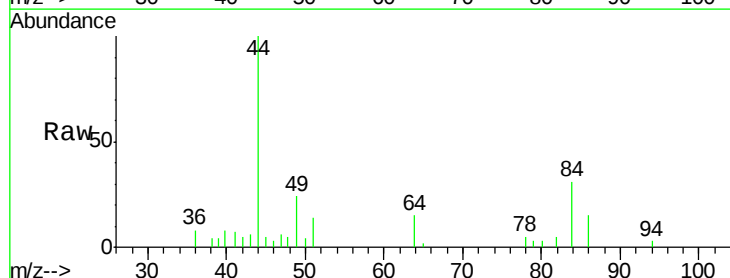
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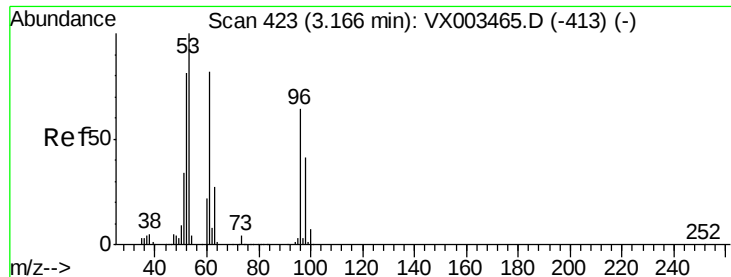
Tot Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
74 13.3 16.7 25.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

Tgt Ion: 84 Resp: 1131
Ion Ratio Lower Upper
84 100
49 80.0 107.8 161.6#
51 45.8 32.8 49.2
86 48.8 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 0.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-071218

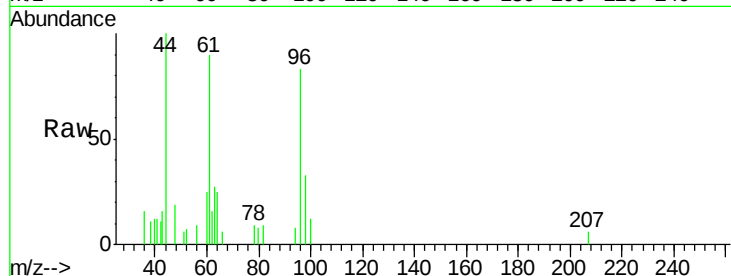
Tot Ion: 96 Resp: 1171

Ion Ratio Lower Upper

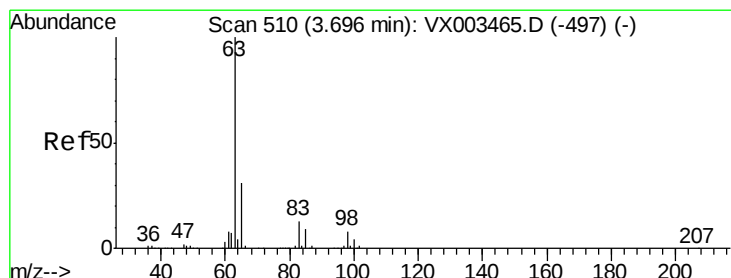
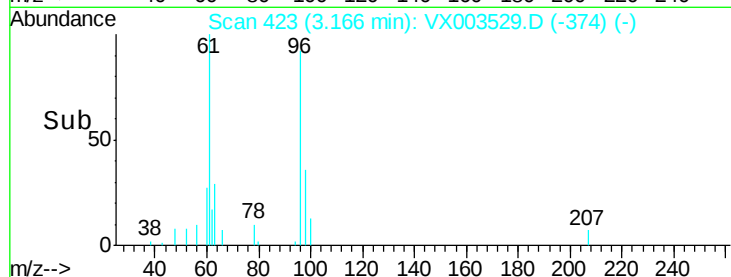
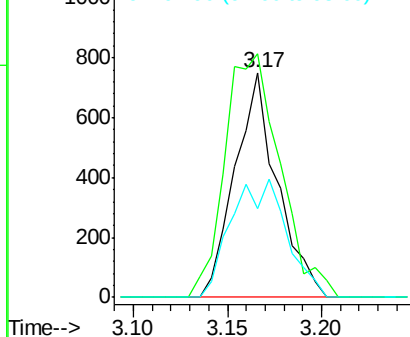
96 100

61 108.4 117.0 175.4#

98 39.5 52.4 78.6#



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



#24

1,1-Dichloroethane

Concen: 0.22 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

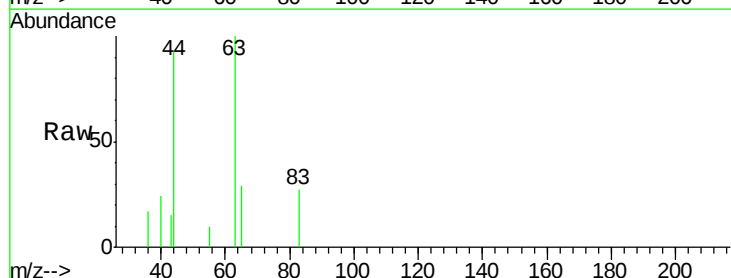
Tgt Ion: 63 Resp: 1353

Ion Ratio Lower Upper

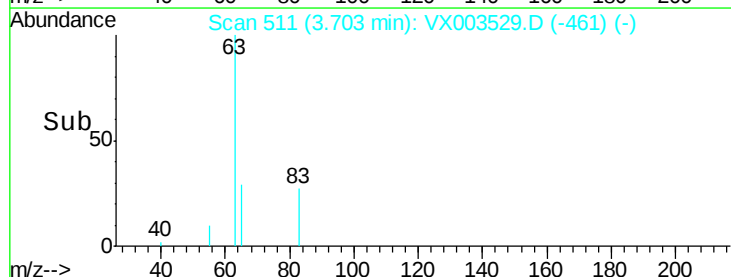
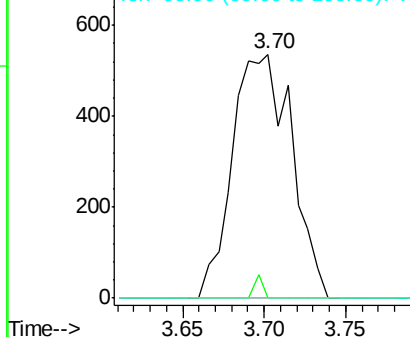
63 100

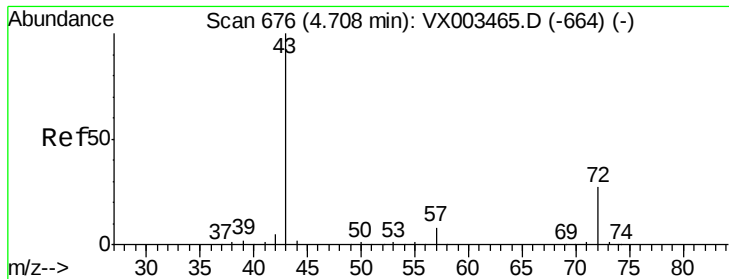
98 0.0 3.4 10.2#

100 0.0 2.0 6.0#



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





#25

2-Butanone

Concen: 1.69 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

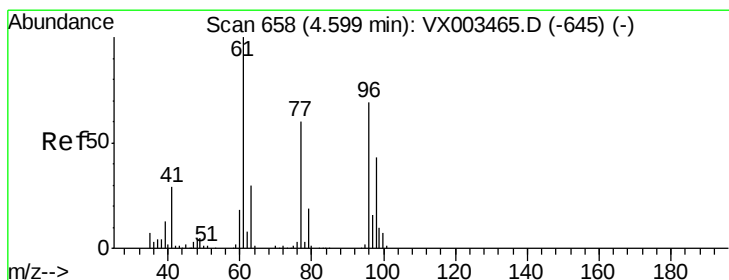
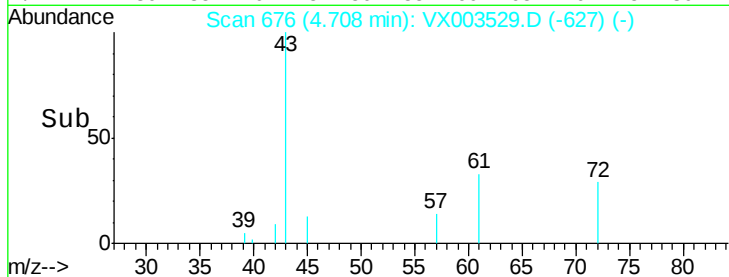
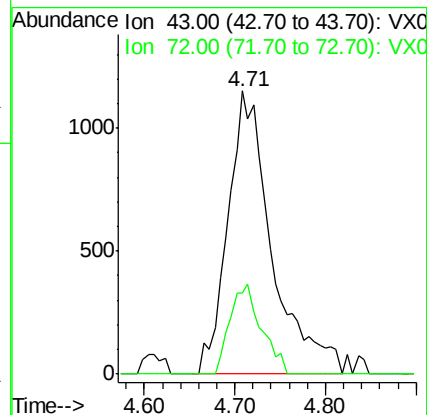
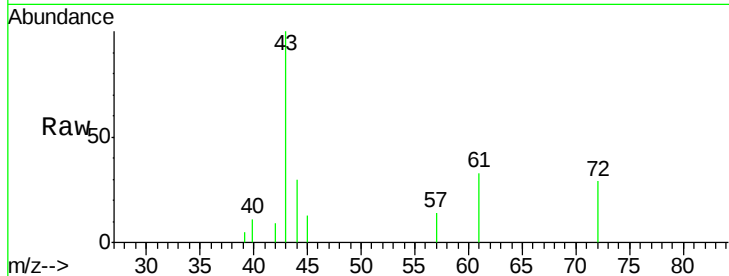
RE122D1-071218

Tot Ion: 43 Resp: 3887

Ion Ratio Lower Upper

43 100

72 28.7 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 2.39 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

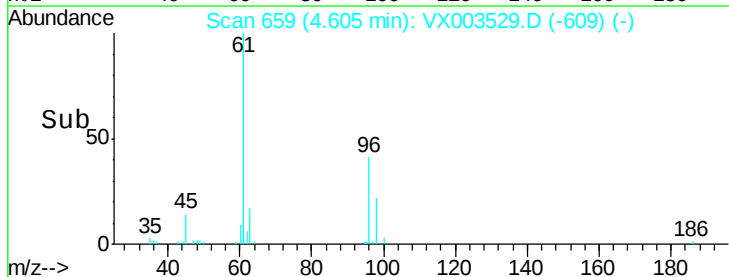
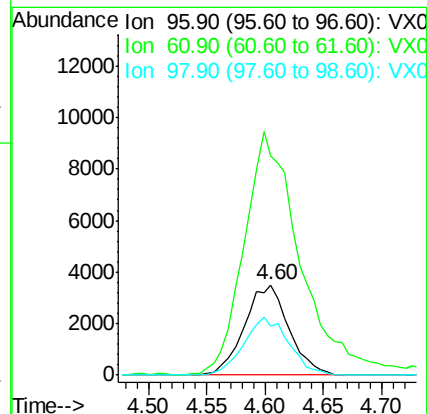
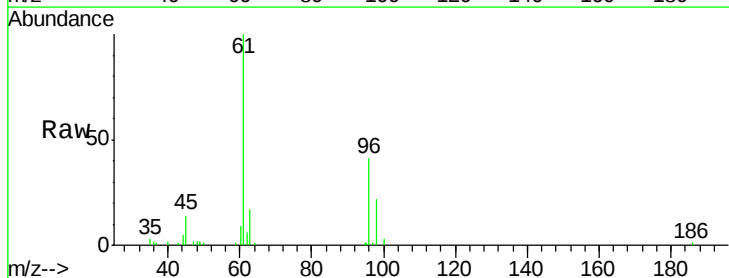
Tgt Ion: 96 Resp: 9231

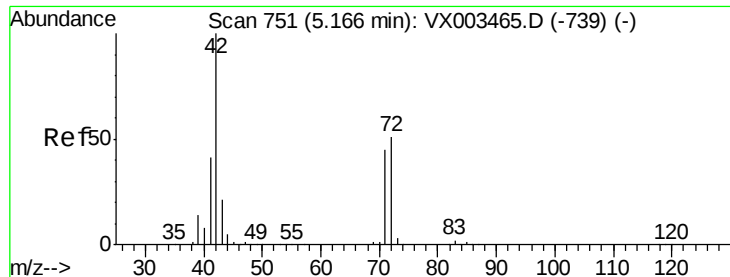
Ion Ratio Lower Upper

96 100

61 349.3 0.0 330.2#

98 64.8 0.0 130.2

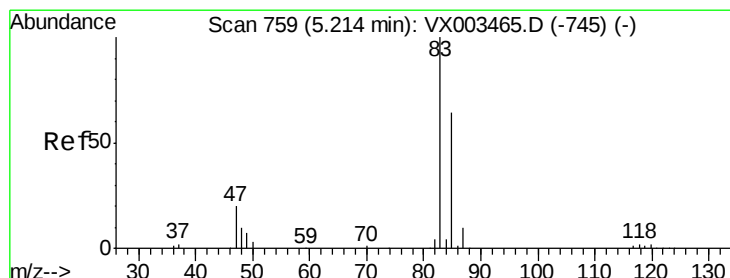
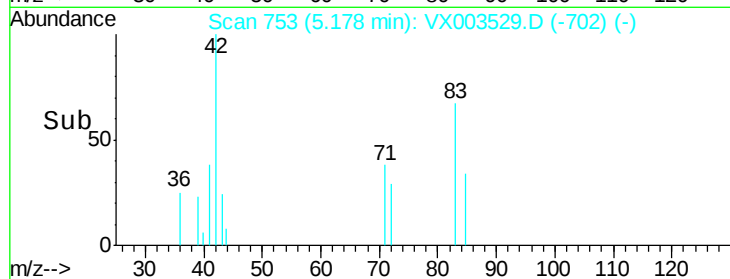
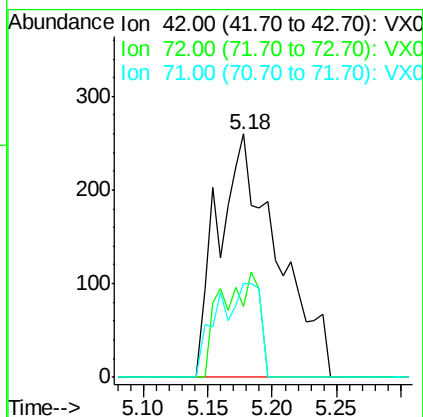
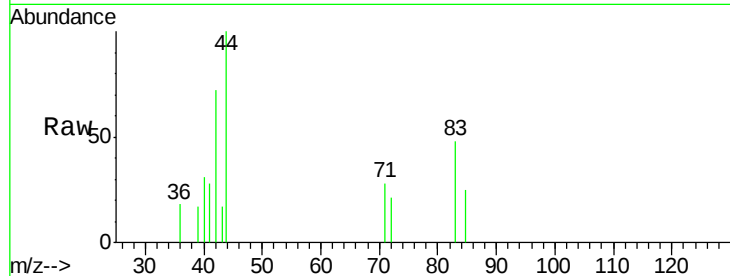




#29
Tetrahydrofuran
Concen: 0.55 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

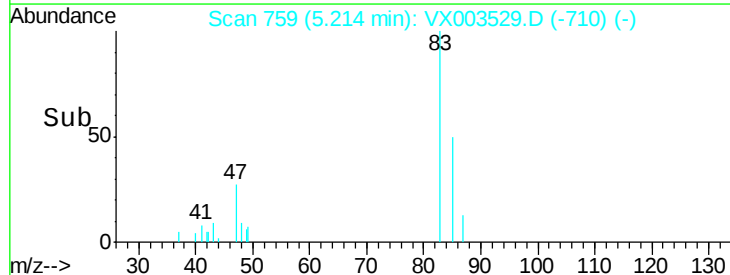
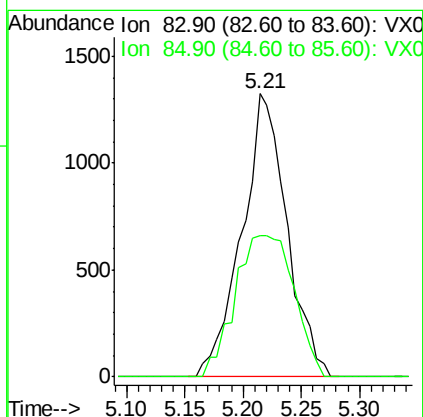
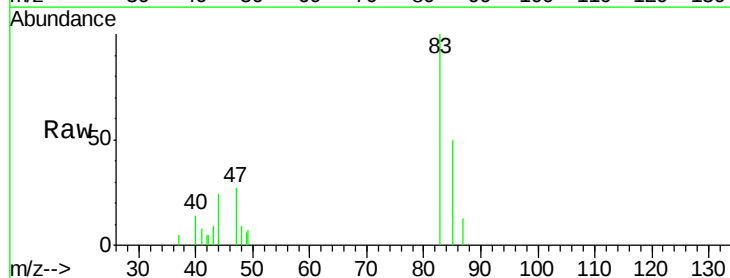
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-071218

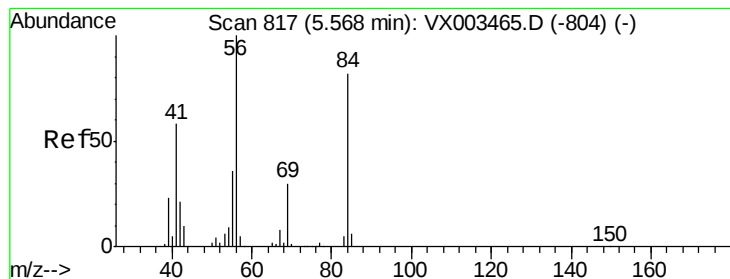
Tot Ion: 42 Resp: 833
Ion Ratio Lower Upper
42 100
72 10.8 32.0 48.0#
71 27.9 30.1 45.1#



#30
Chloroform
Concen: 0.60 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

Tgt Ion: 83 Resp: 3560
Ion Ratio Lower Upper
83 100
85 50.0 50.4 75.6#





#31

Cvclohexane

Concen: 0.88 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.10 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-071218

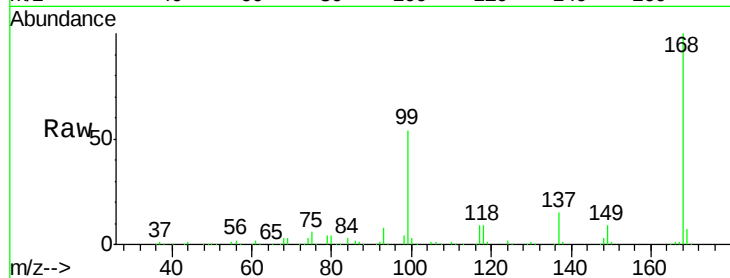
Tot Ion: 56 Resp: 4812

Ion Ratio Lower Upper

56 100

69 172.1 23.7 35.5#

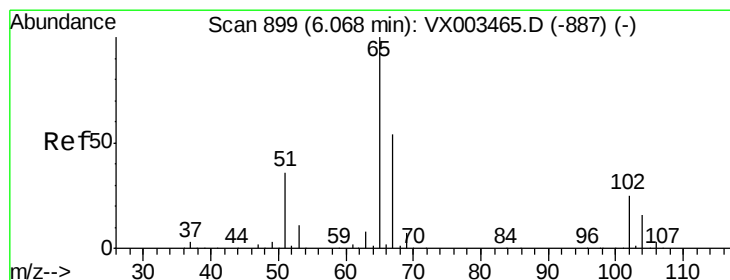
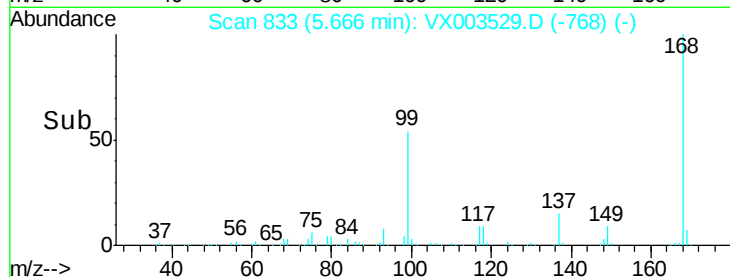
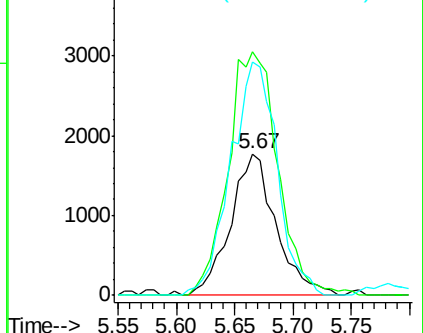
84 165.3 64.1 96.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.77 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003529.D

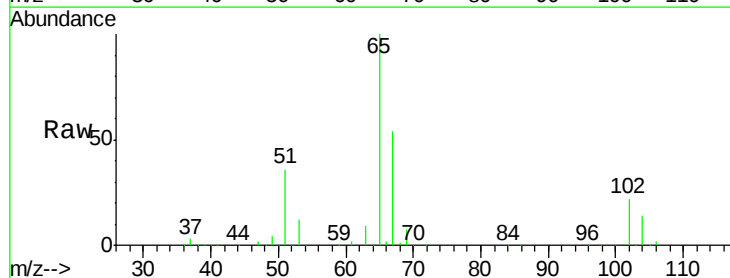
Acq: 21 Jul 2018 00:56

Tgt Ion: 65 Resp: 183732

Ion Ratio Lower Upper

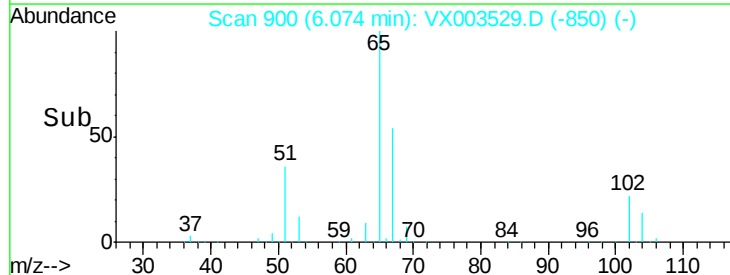
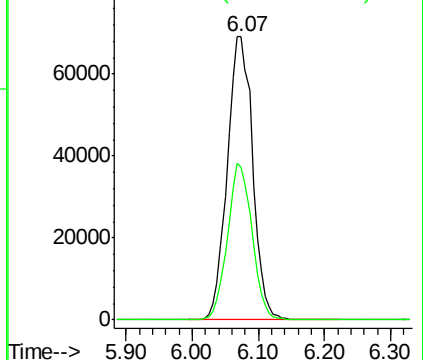
65 100

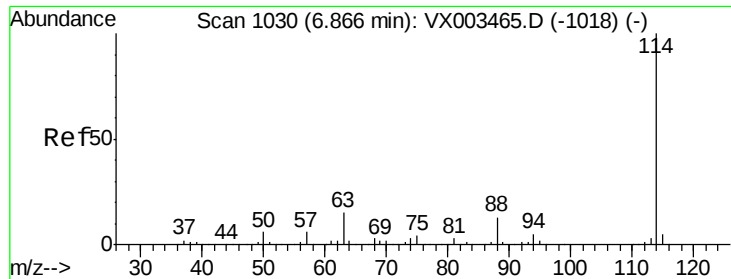
67 53.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-071218

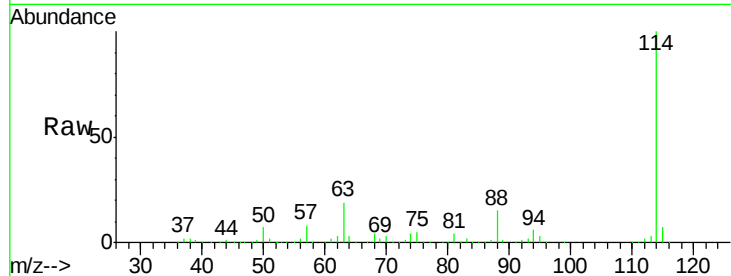
Tot Ion:114 Resp: 427510

Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.4

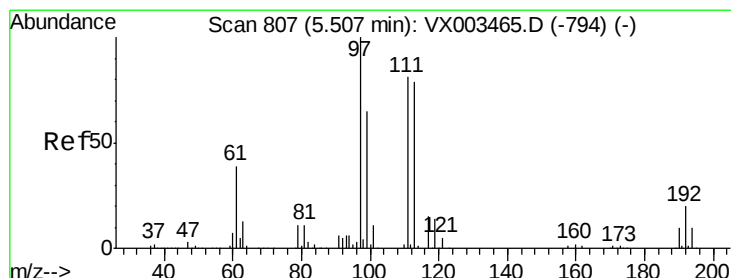
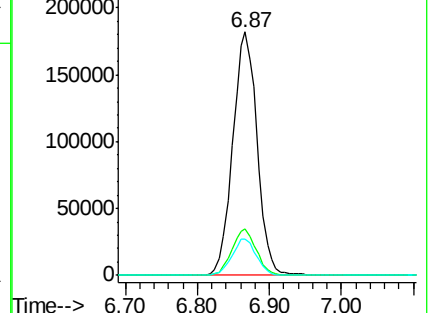
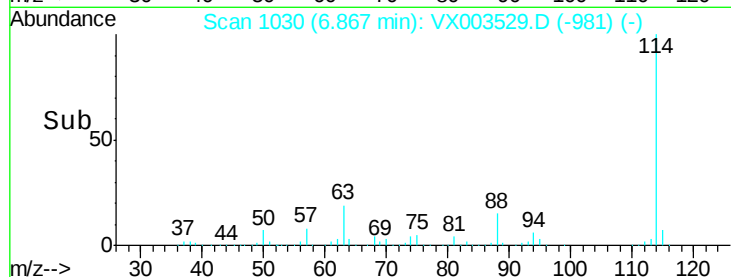
88 14.9 0.0 30.0



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: 53.55 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

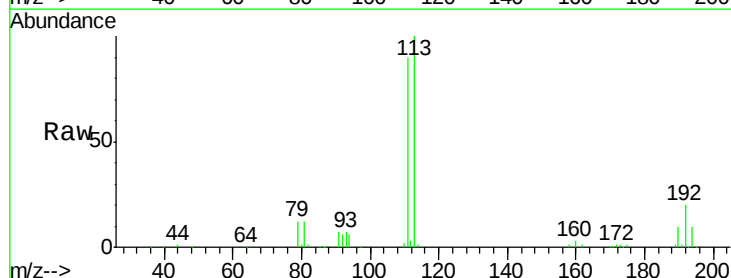
Tgt Ion:113 Resp: 174369

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

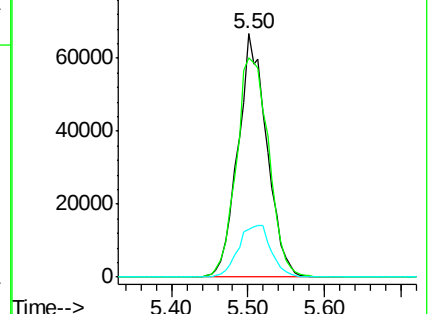
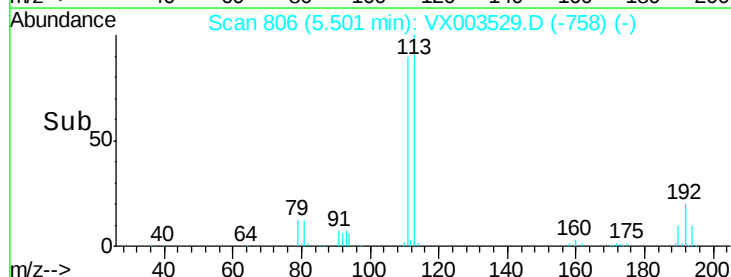
192 24.0 19.1 28.7

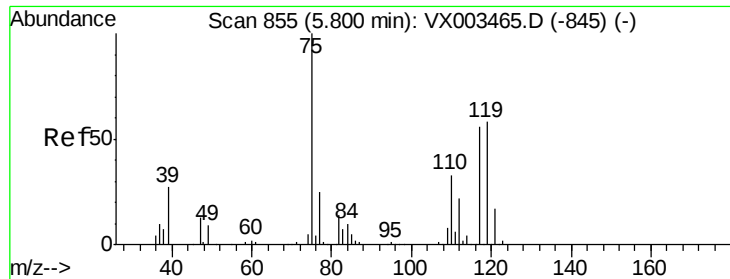


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

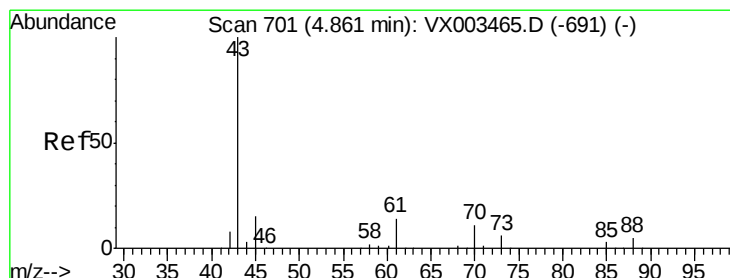
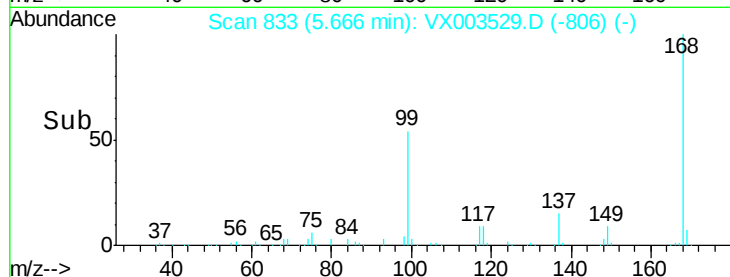
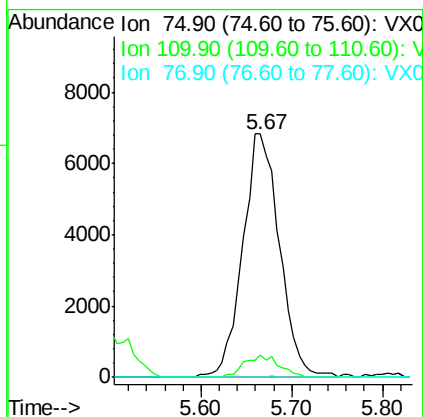
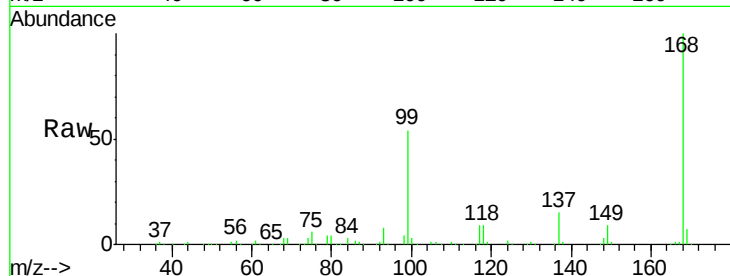




#36
 1,1-Dichloropropene
 Concen: 4.15 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX003529.D
 Acq: 21 Jul 2018 00:56

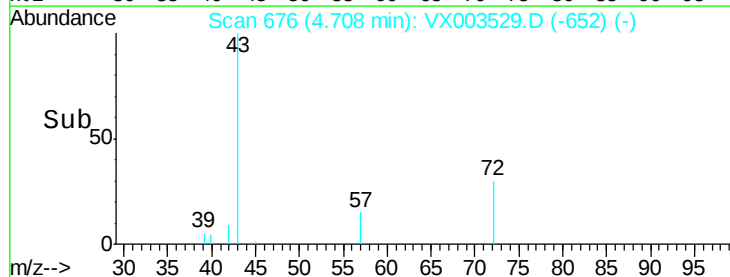
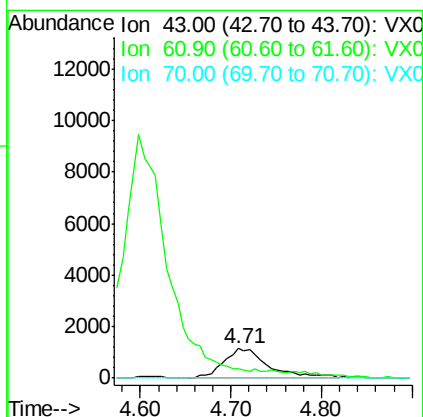
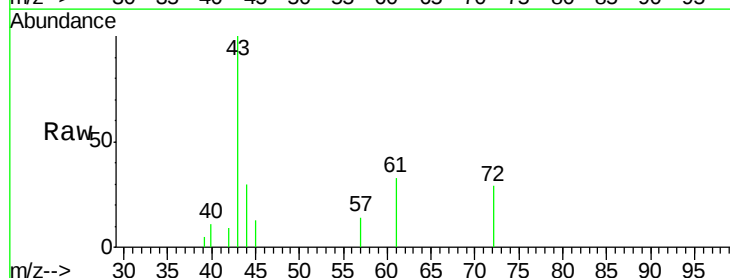
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-071218

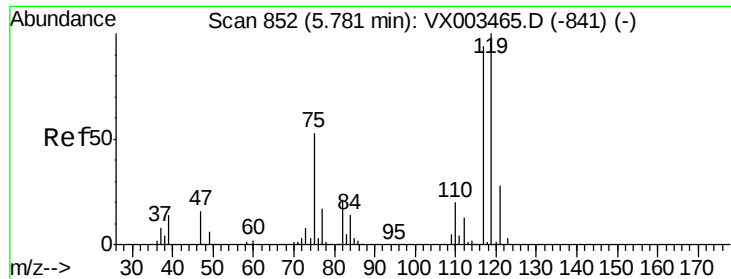
Tot Ion: 75 Resp: 19169
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.4#
 77 0.1 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 0.89 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.15 min
 Lab File: VX003529.D
 Acq: 21 Jul 2018 00:56

Tgt Ion: 43 Resp: 3887
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 0.55 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-071218

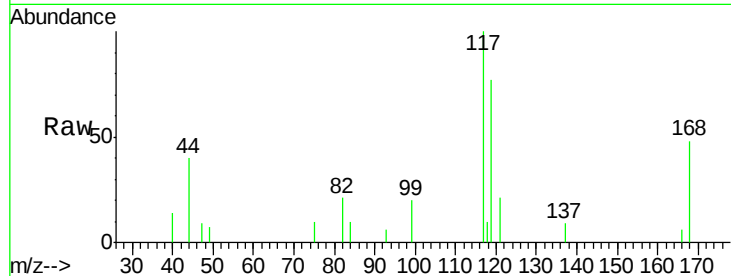
Tot Ion:117 Resp: 2492

Ion Ratio Lower Upper

117 100

119 77.1 77.4 116.0#

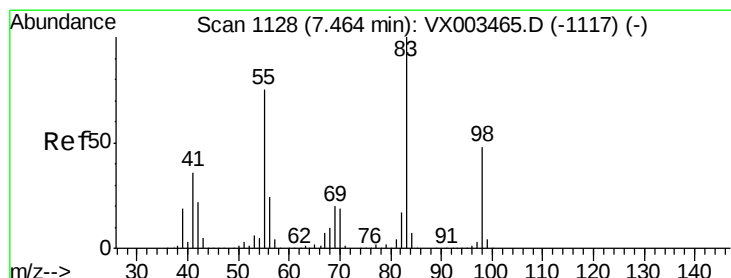
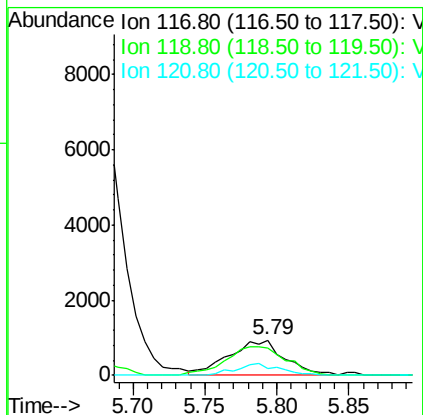
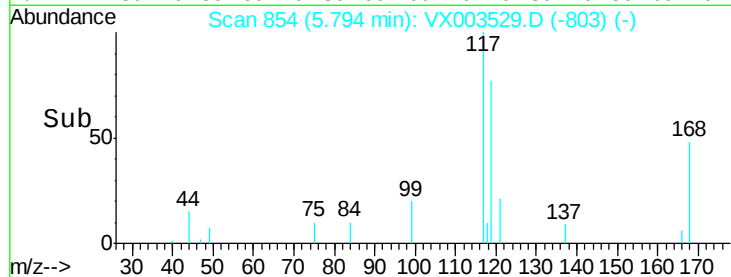
121 20.8 24.4 36.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 2.36 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.25 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

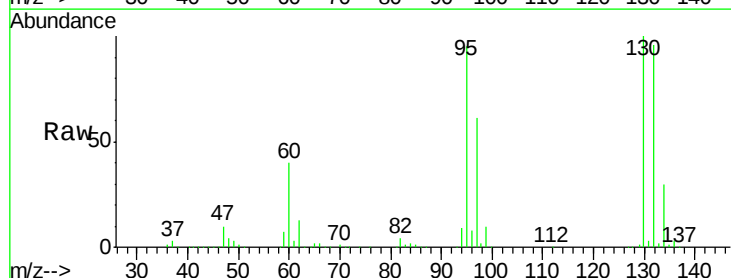
Tgt Ion: 83 Resp: 12902

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

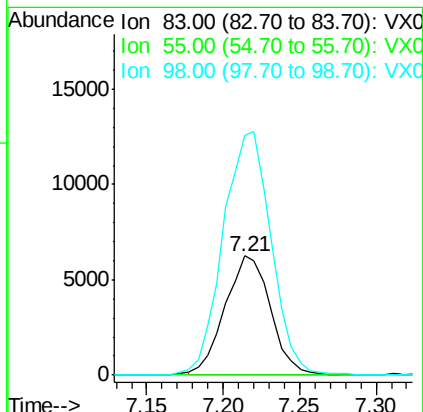
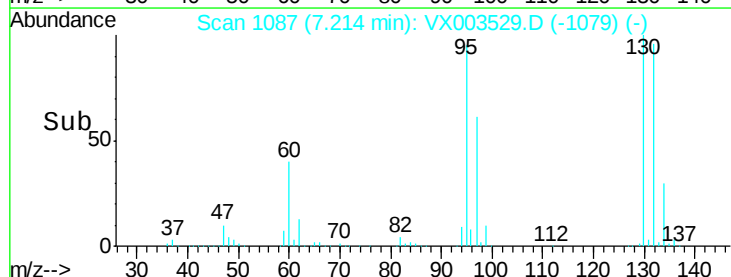
98 200.3 37.4 56.0#

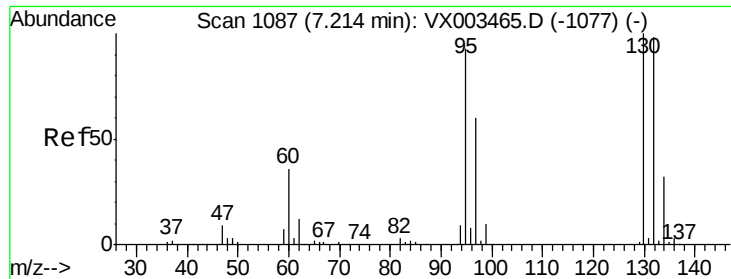


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#44

Trichloroethene

Concen: 285.21 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

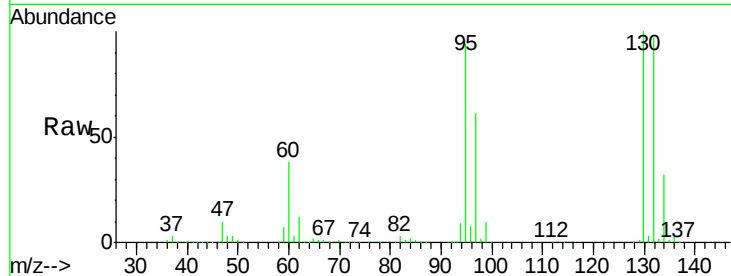
RE122D1-071218

Tot Ion:130 Resp: 1185334

Ion Ratio Lower Upper

130 100

95 94.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

600000

500000

400000

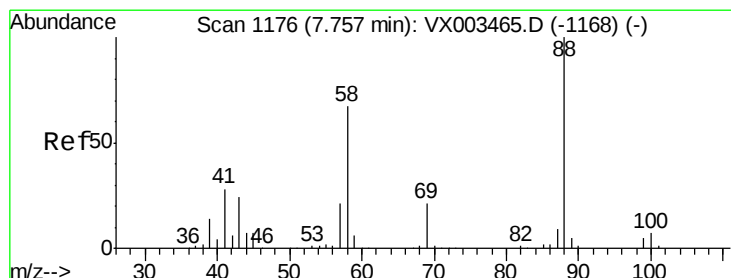
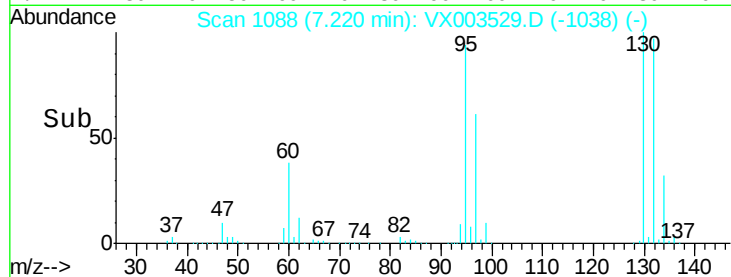
300000

200000

100000

0

Time-->



#49

1,4-Dioxane

Concen: 13.91 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. 0.01 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

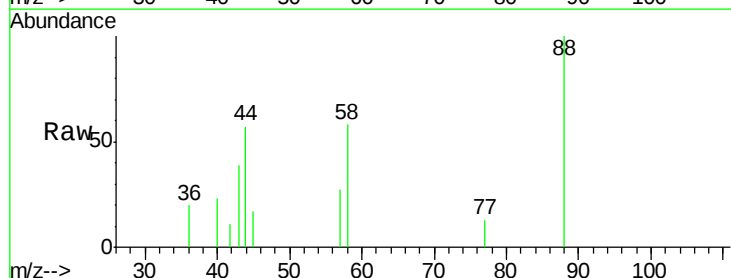
Tgt Ion: 88 Resp: 1104

Ion Ratio Lower Upper

88 100

43 66.3 29.8 44.6#

58 66.0 57.1 85.7



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

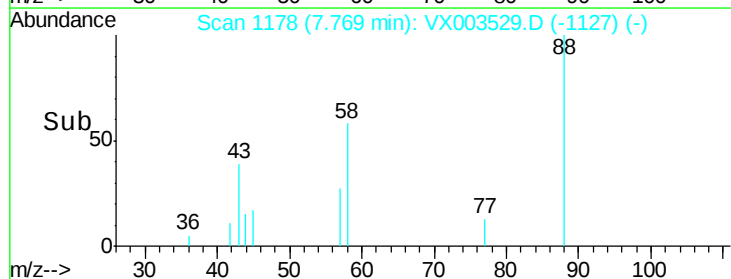
600

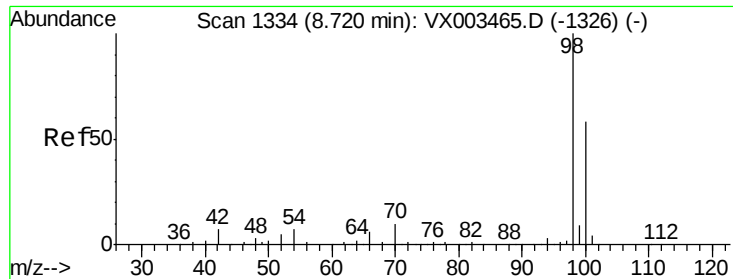
400

200

0

Time-->

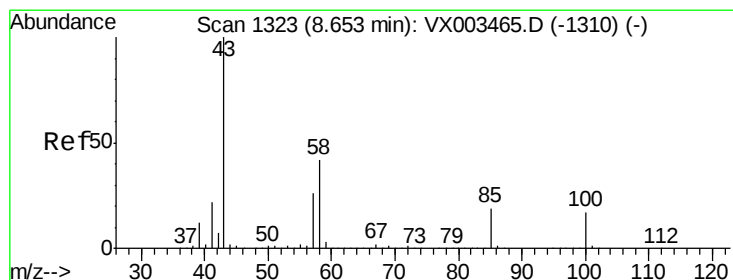
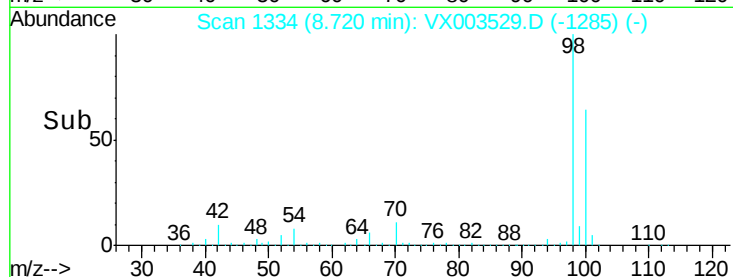
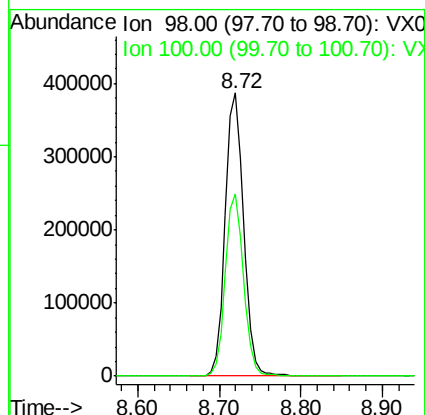
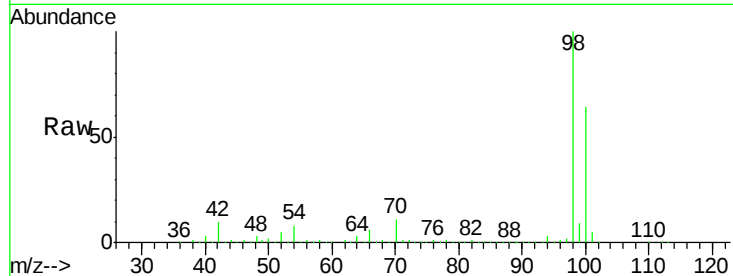




#50
Toluene-d8
Concen: 49.61 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

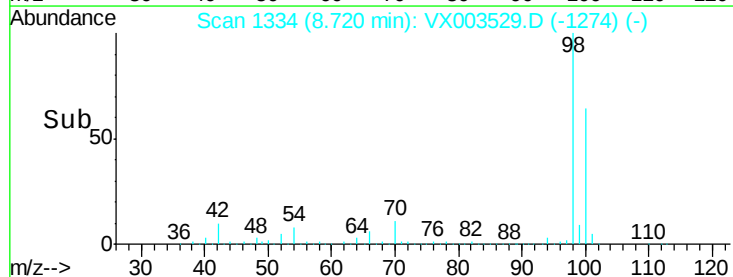
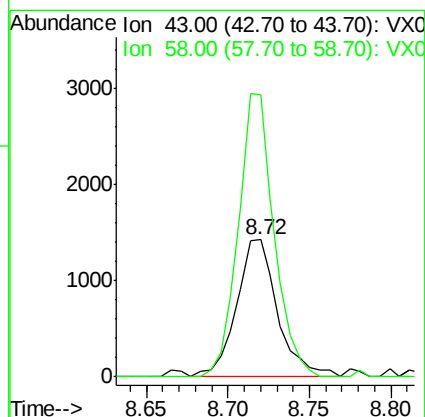
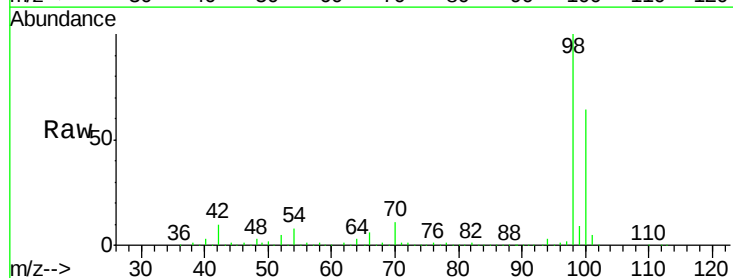
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-071218

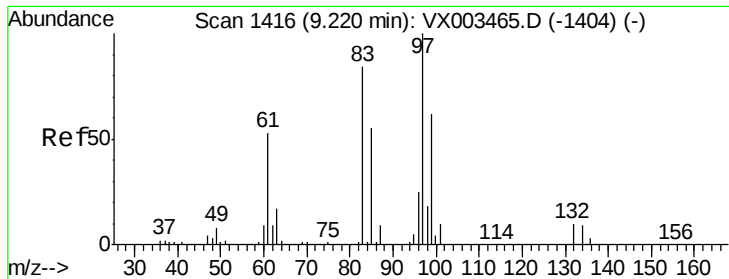
Tot Ion: 98 Resp: 607183
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.07 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

Tgt Ion: 43 Resp: 2517
Ion Ratio Lower Upper
43 100
58 178.4 28.6 42.8#





#55

1,1,2-Trichloroethane

Concen: 0.33 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-071218

Tot Ion: 97 Resp: 1138

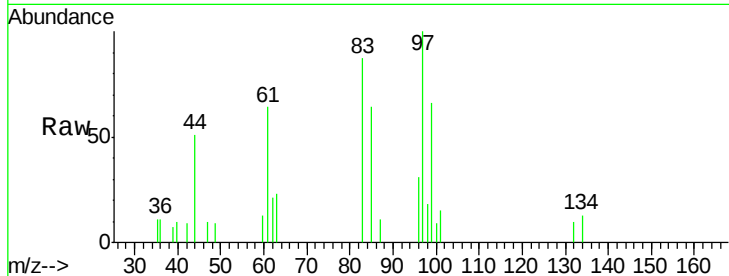
Ion Ratio Lower Upper

97 100

83 87.1 70.2 105.2

85 63.9 44.9 67.3

99 65.9 49.8 74.8

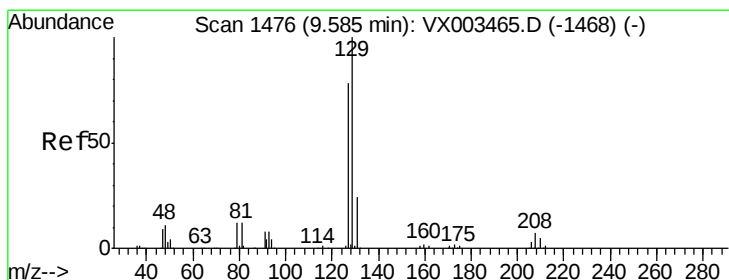
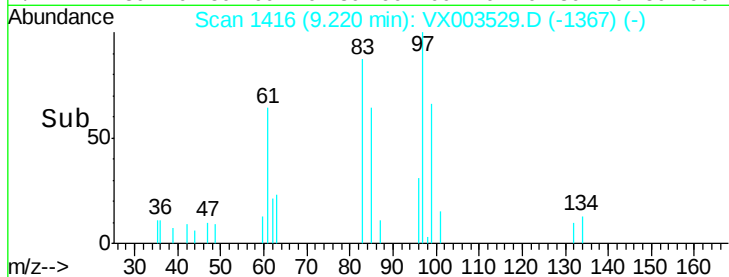
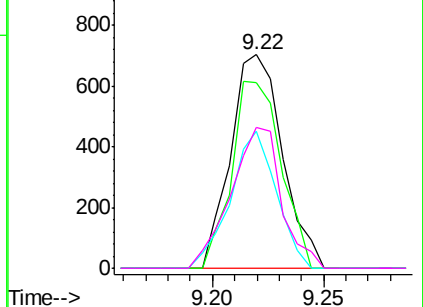


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#60

Dibromochloromethane

Concen: 0.31 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.24 min

Lab File: VX003529.D

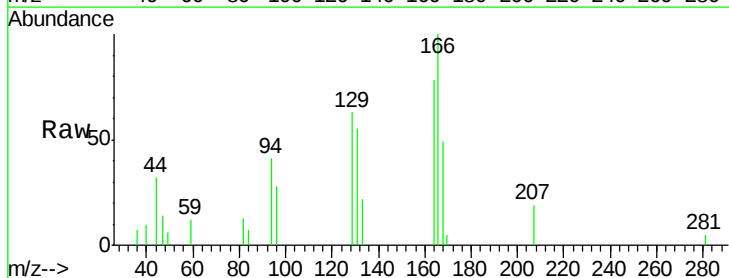
Acq: 21 Jul 2018 00:56

Tgt Ion: 129 Resp: 1057

Ion Ratio Lower Upper

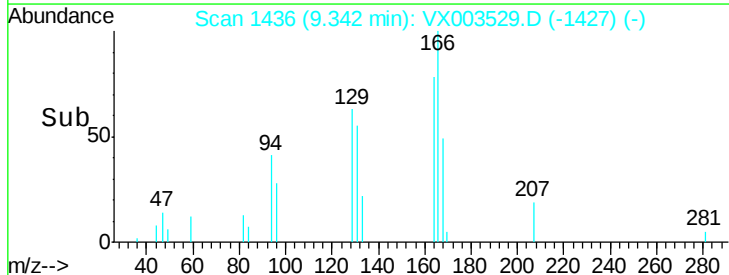
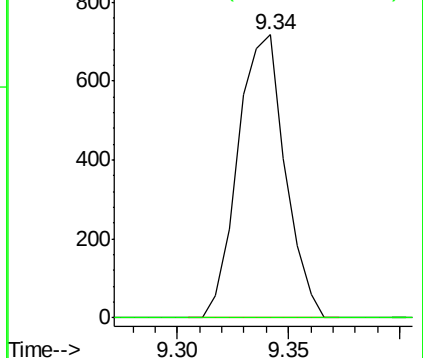
129 100

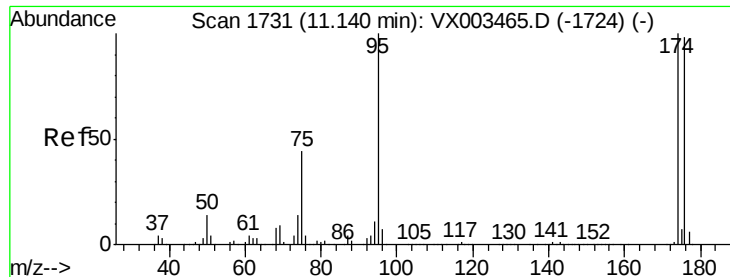
127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

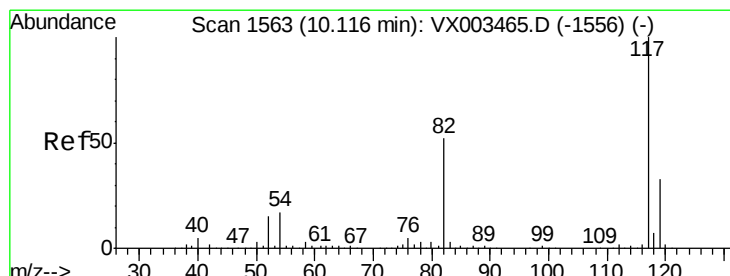
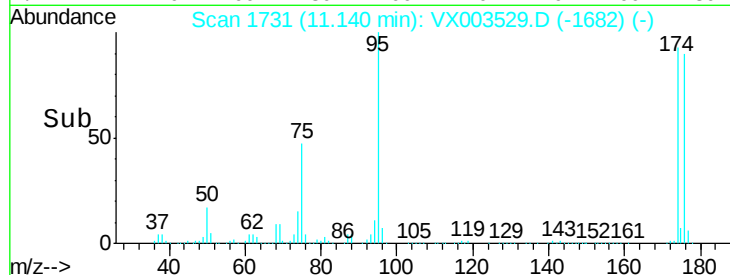
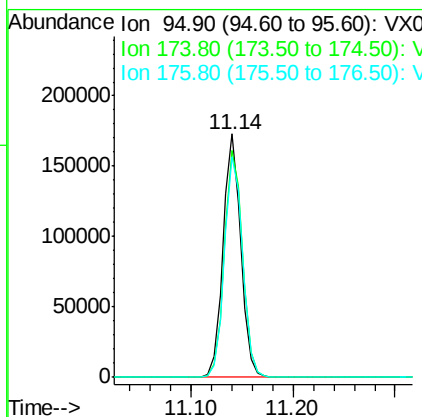
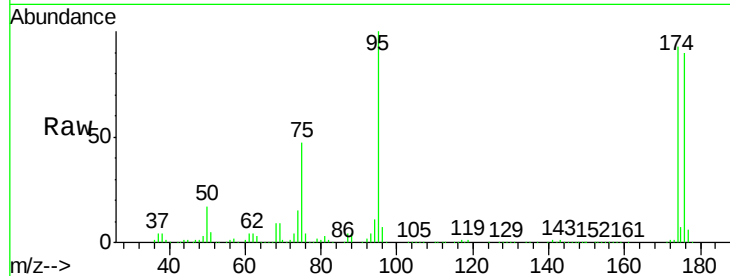




#62
4-Bromofluorobenzene
Concen: 46.88 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

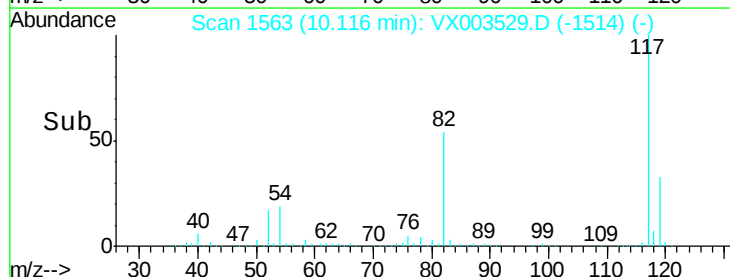
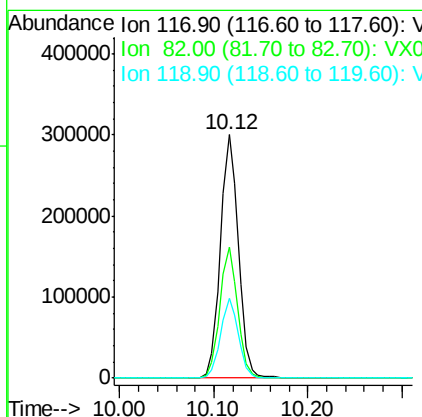
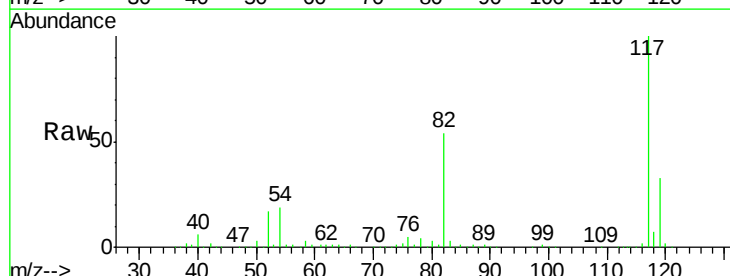
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-071218

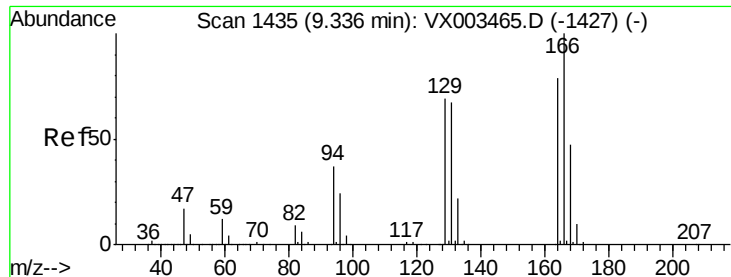
Tot Ion: 95 Resp: 209407
Ion Ratio Lower Upper
95 100
174 95.3 0.0 187.4
176 92.8 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

Tgt Ion: 117 Resp: 399466
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.9 25.8 38.6

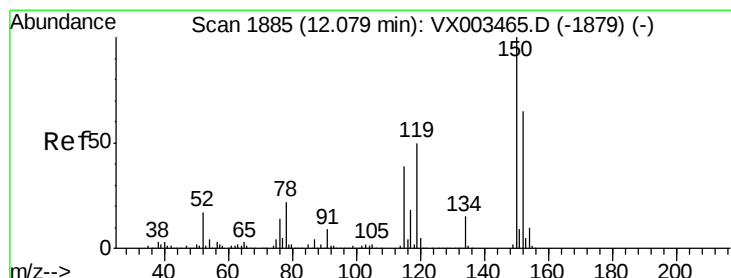
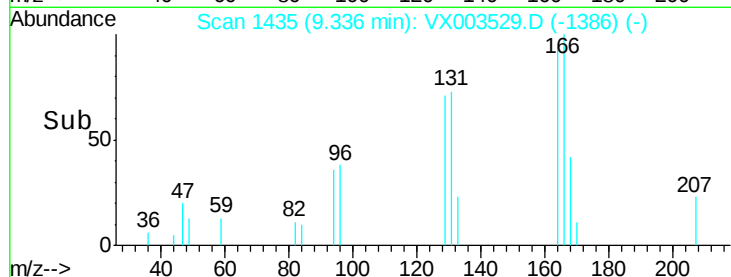
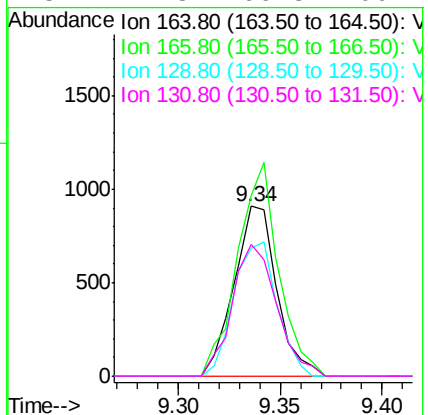
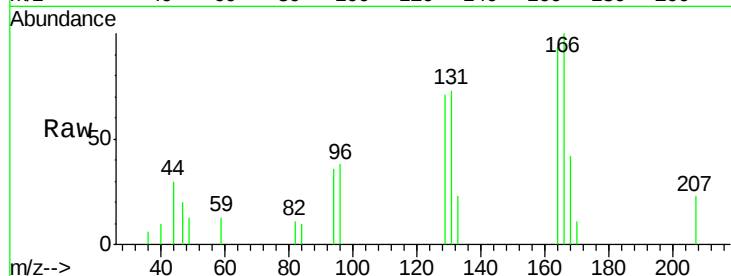




#64
Tetrachloroethene
Concen: 0.27 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

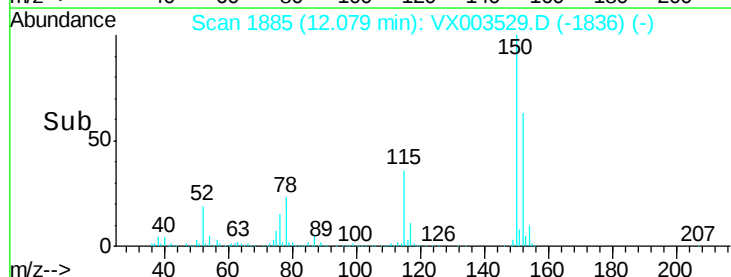
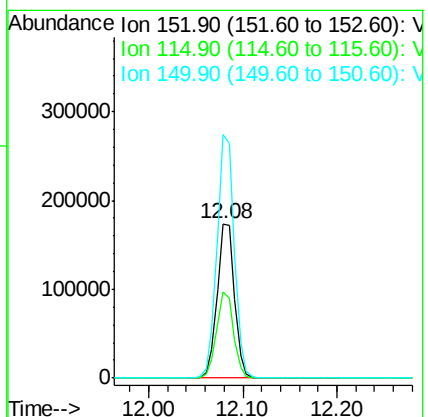
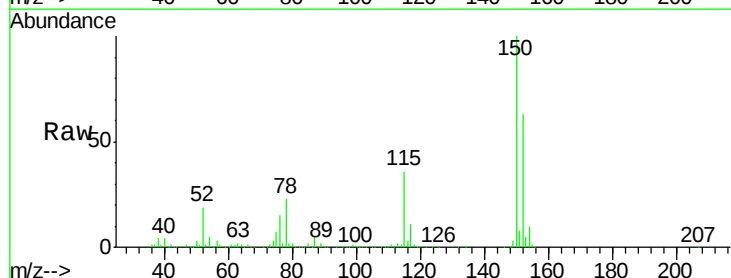
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-071218

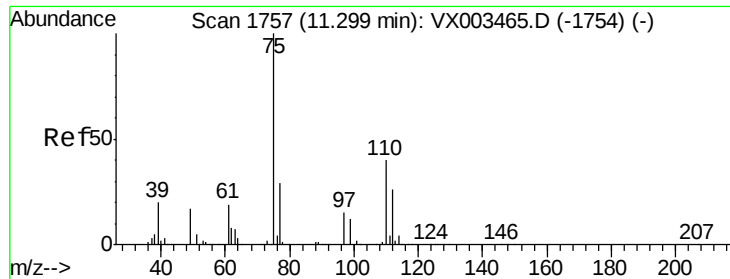
Tot Ion:164 Resp: 1325
Ion Ratio Lower Upper
164 100
166 106.7 102.9 154.3
129 75.3 68.6 102.8
131 77.8 66.8 100.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003529.D
Acq: 21 Jul 2018 00:56

Tgt Ion:152 Resp: 222541
Ion Ratio Lower Upper
152 100
115 54.7 40.1 120.2
150 156.9 0.0 347.2





#76

1,2,3-Trichloropropane

Concen: 25.05 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

Instrument :

MSVOA_X

ClientSampleId :

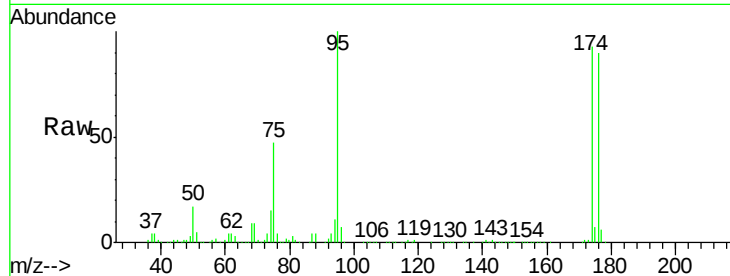
RE122D1-071218

Tot Ion: 75 Resp: 100163

Ion Ratio Lower Upper

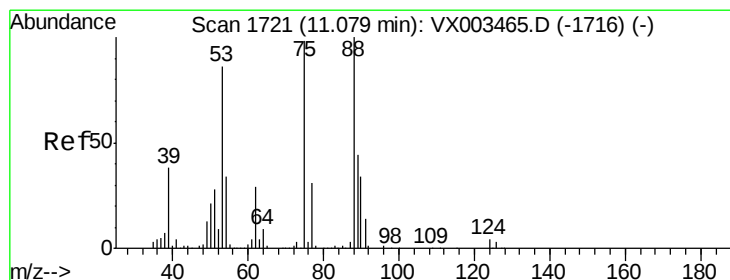
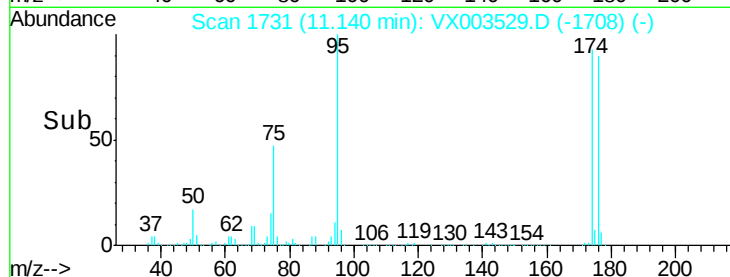
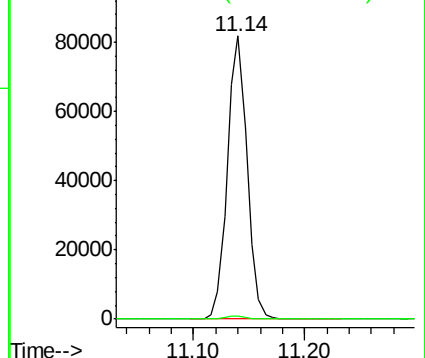
75 100

77 1.2 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 70.15 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003529.D

Acq: 21 Jul 2018 00:56

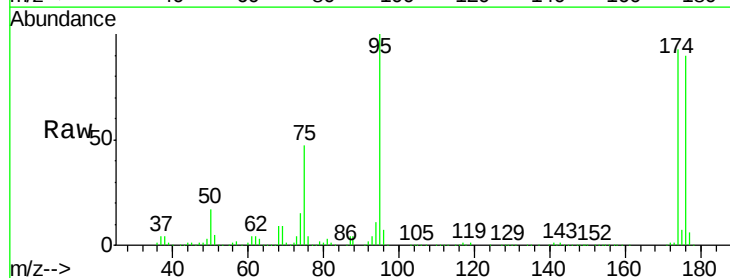
Tgt Ion: 75 Resp: 100163

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#



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

