

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX030920\
 Data File : VX015146.D
 Acq On : 09 Mar 2020 16:29
 Operator : JC/SP
 Sample : L1842-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20200305

Quant Time: Mar 10 11:21:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	338550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	556499	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	543635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	276860	50.00	ug/l	0.00

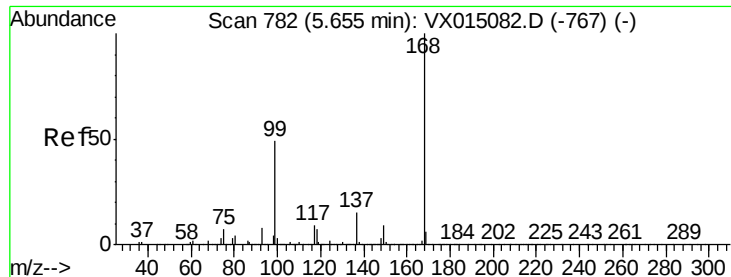
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	209146	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
35) Dibromofluoromethane	5.49	113	176660	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.71	98	685569	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	253034	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	2467	0.83	ug/l	84
3) Chloromethane	1.32	50	897	0.21	ug/l #	39
7) Trichlorofluoromethane	1.92	101	1322	0.26	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	24189	7.59	ug/l	97
11) Tert butyl alcohol	3.03	59	346	0.50	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	4464	1.36	ug/l	90
13) Acrolein	2.28	56	255	0.39	ug/l #	15
15) Acrylonitrile	3.13	53	397	0.23	ug/l #	17
16) Acetone	2.44	43	3054	1.88	ug/l #	85
21) trans-1,2-Dichloroethene	3.16	96	861	0.25	ug/l #	50
24) 1,1-Dichloroethane	3.69	63	2522	0.40	ug/l #	94
25) 2-Butanone	4.65	43	616	0.26	ug/l #	62
27) cis-1,2-Dichloroethene	4.59	96	10885	2.76	ug/l	93
30) Chloroform	5.21	83	2956	0.48	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	1061	0.21	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	24158	4.70	ug/l #	53
38) Carbon Tetrachloride	5.78	117	1542	0.32	ug/l #	72
39) Methylcyclohexane	7.20	83	12334	2.05	ug/l #	1
41) Methacrylonitrile	5.04	41	808	0.28	ug/l #	80
42) 1,2-Dichloroethane	6.18	62	1341	0.26	ug/l	88
44) Trichloroethene	7.21	130	1045235	245.89	ug/l	98
49) 1,4-Dioxane	7.75	88	2309	24.99	ug/l #	70
52) Toluene	8.78	92	2814	0.30	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	1189	0.31	ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.50	63	737	0.25	ug/l	90
60) Dibromochloromethane	9.33	129	17469	4.33	ug/l #	13
64) Tetrachloroethene	9.33	164	19356	4.31	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	124727	22.59	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	124727	64.10	ug/l #	11
95) Naphthalene	13.83	128	615	1.45	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015146.D

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Instrument :

MSVOA_X

ClientSampleId :

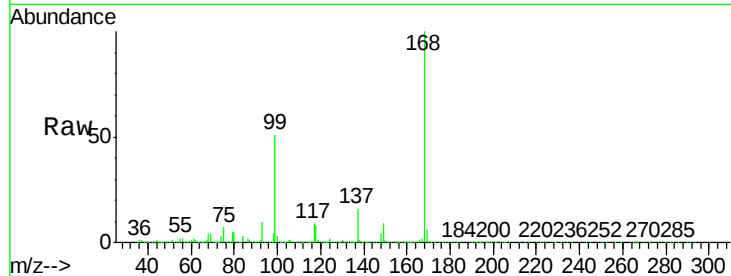
RE132D4-20200305

Tgt Ion:168 Resp: 338550

Ion Ratio Lower Upper

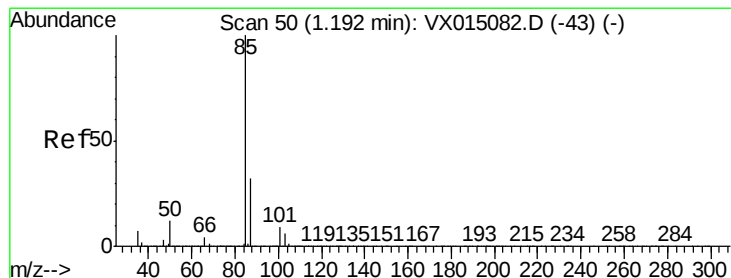
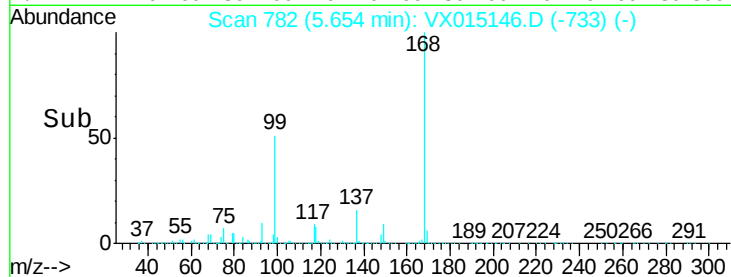
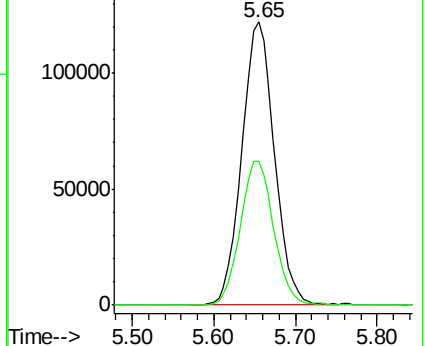
168 100

99 50.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.83 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015146.D

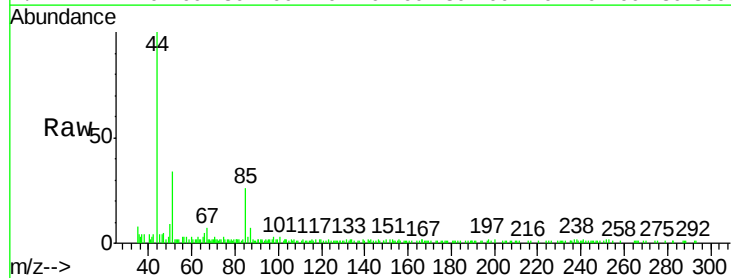
Acq: 09 Mar 2020 16:29

Tgt Ion: 85 Resp: 2467

Ion Ratio Lower Upper

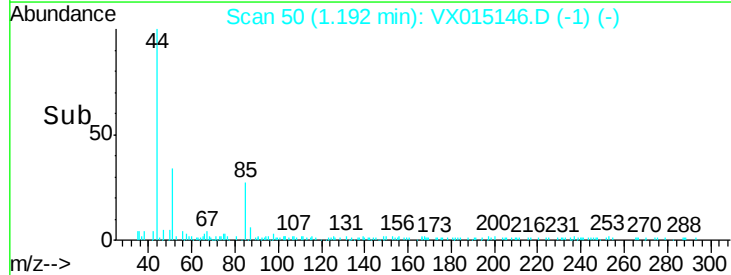
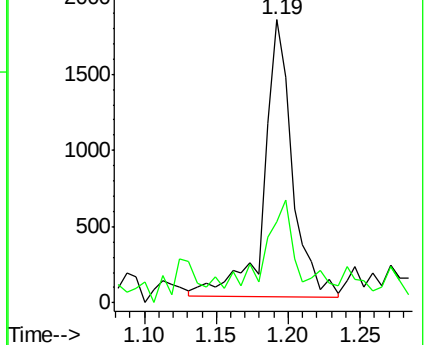
85 100

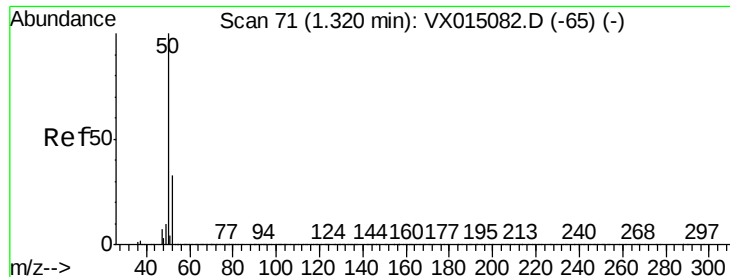
87 23.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

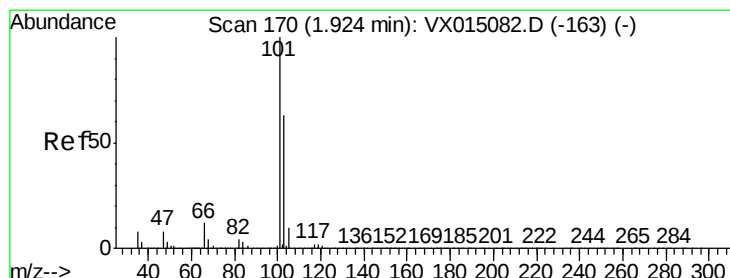
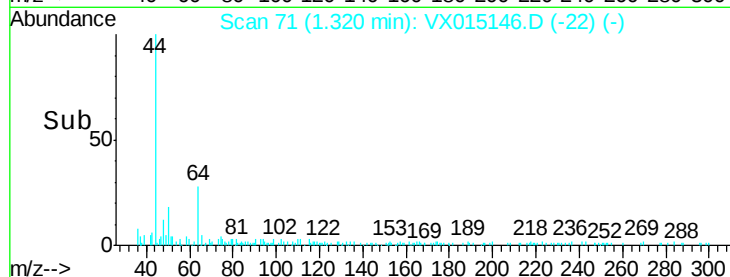
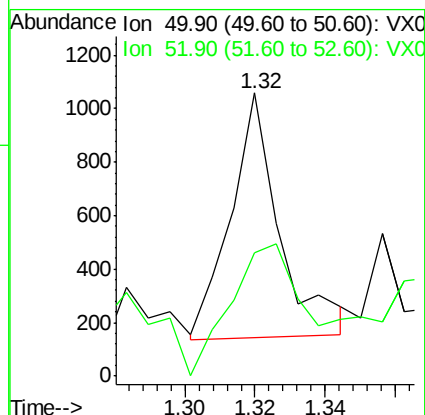
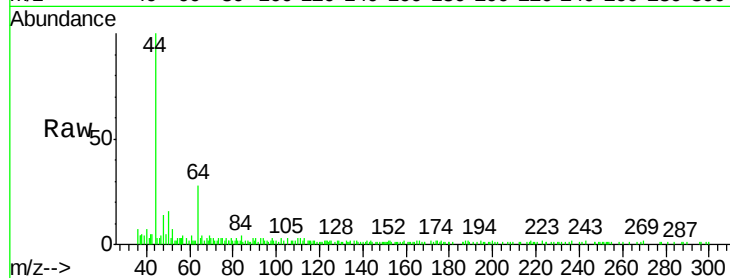
RE132D4-20200305

Tgt Ion: 50 Resp: 897

Ion Ratio Lower Upper

50 100

52 67.2 26.2 39.2#



#7

Trichlorofluoromethane

Concen: 0.26 ug/l

RT: 1.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX015146.D

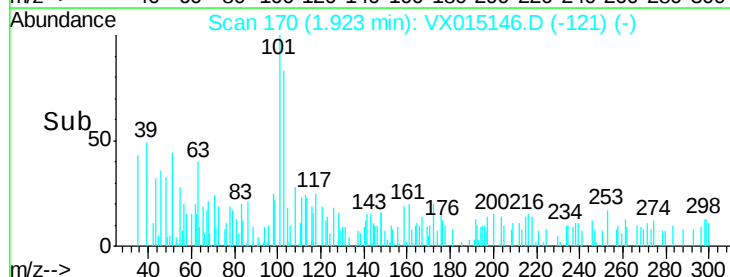
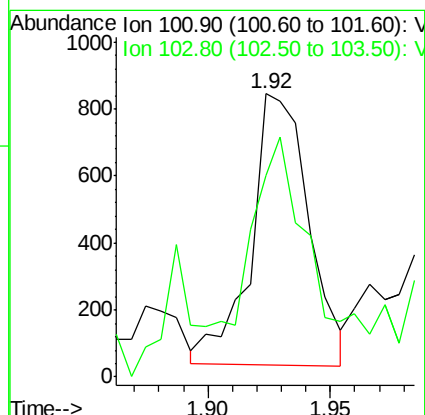
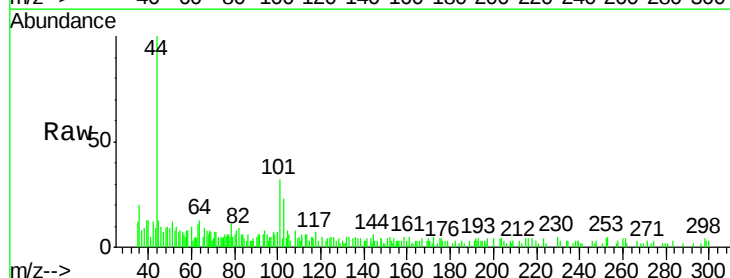
Acq: 09 Mar 2020 16:29

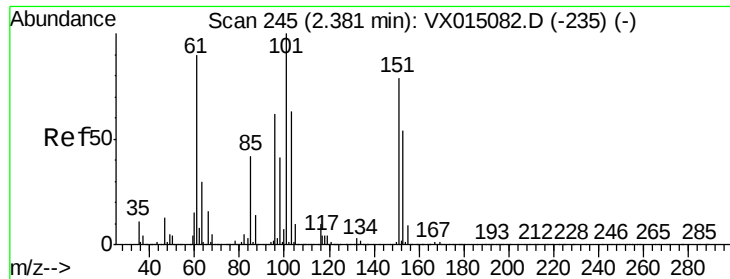
Tgt Ion: 101 Resp: 1322

Ion Ratio Lower Upper

101 100

103 58.3 50.4 75.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.59 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

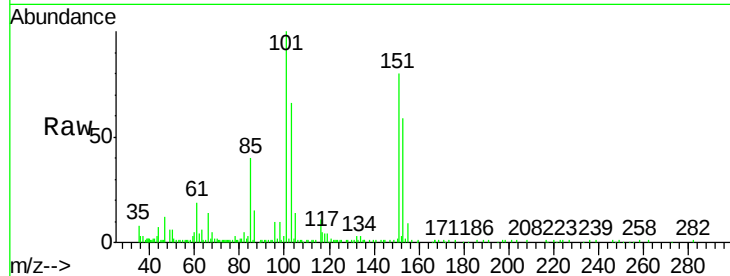
Tgt Ion:101 Resp: 24189

Ion Ratio Lower Upper

101 100

85 42.7 33.7 50.5

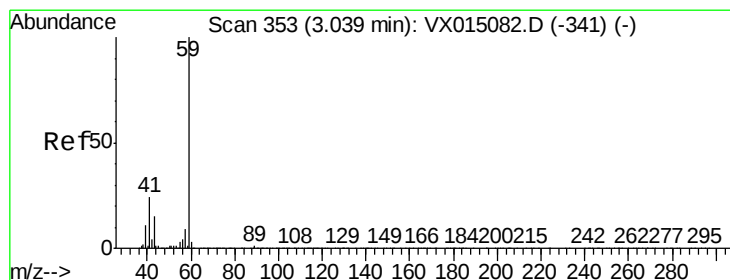
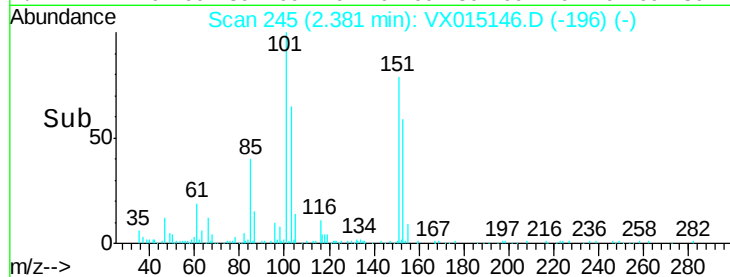
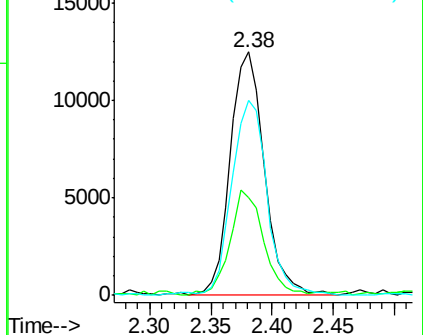
151 83.3 64.0 96.0



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



#11

Tert butyl alcohol

Concen: 0.50 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX015146.D

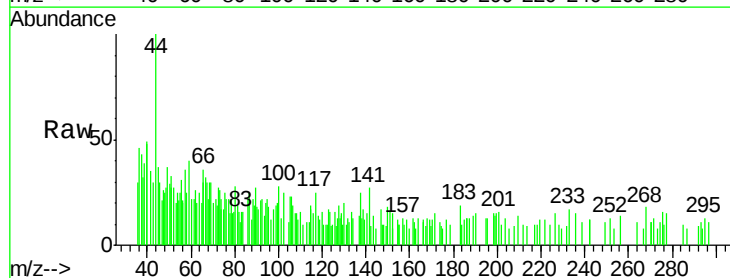
Acq: 09 Mar 2020 16:29

Tgt Ion: 59 Resp: 346

Ion Ratio Lower Upper

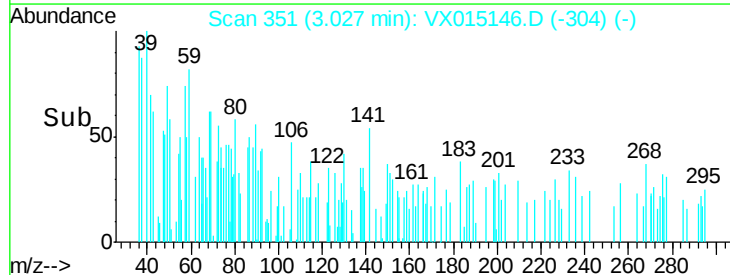
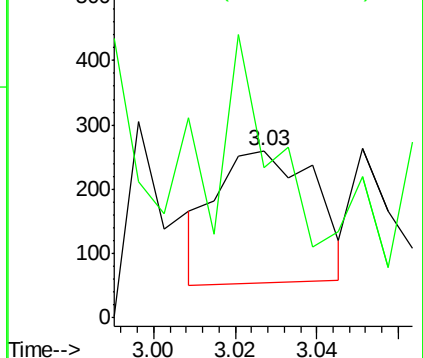
59 100

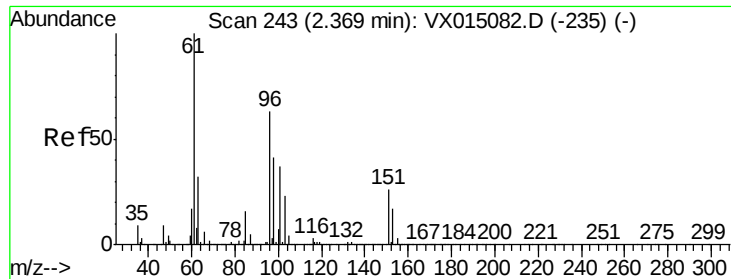
57 109.5 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 1.36 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

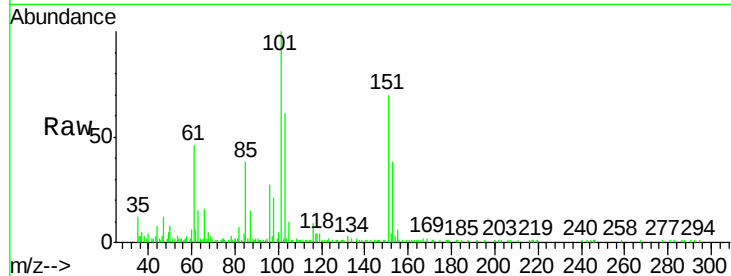
Tgt Ion: 96 Resp: 4464

Ion Ratio Lower Upper

96 100

61 168.8 126.2 189.4

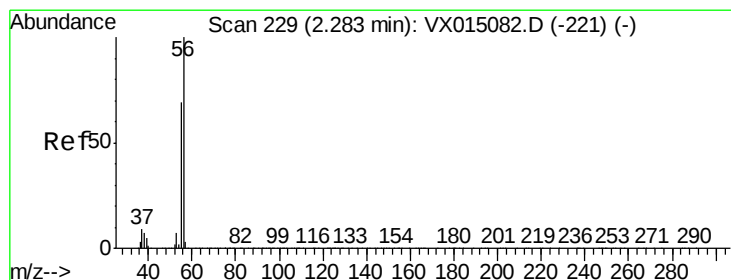
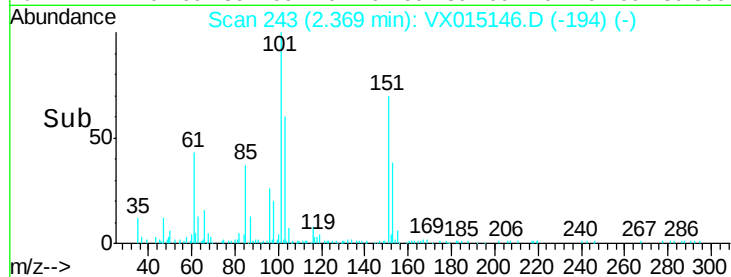
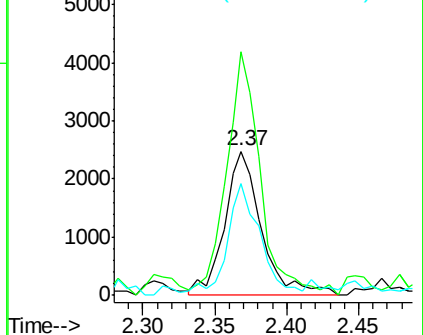
98 74.2 51.4 77.0



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



#13

Acrolein

Concen: 0.39 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015146.D

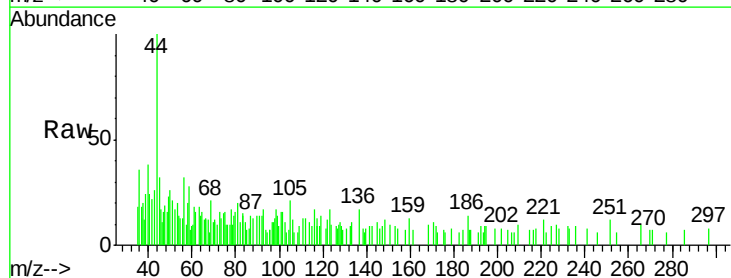
Acq: 09 Mar 2020 16:29

Tgt Ion: 56 Resp: 255

Ion Ratio Lower Upper

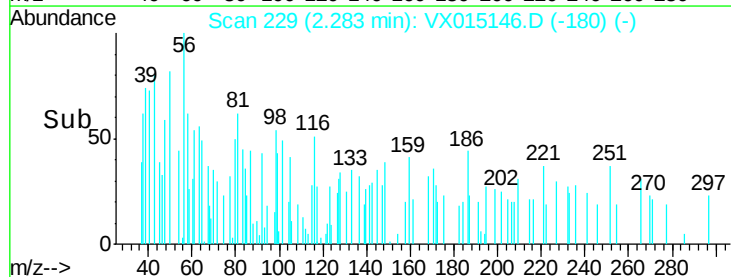
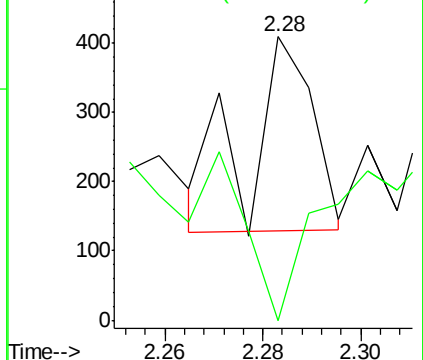
56 100

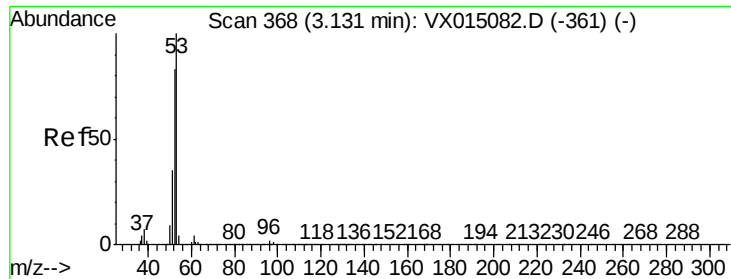
55 0.0 55.4 83.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.23 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

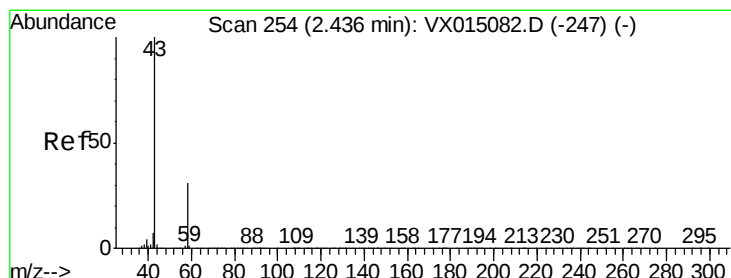
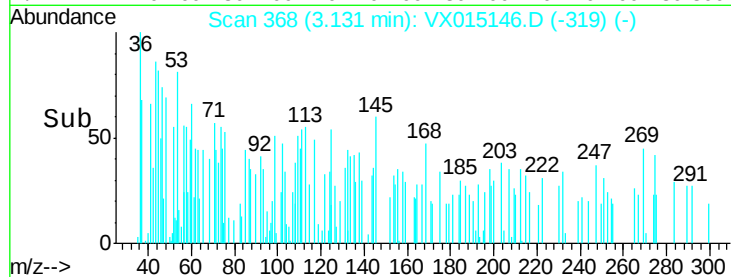
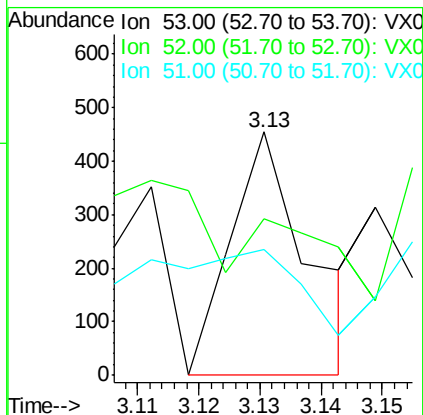
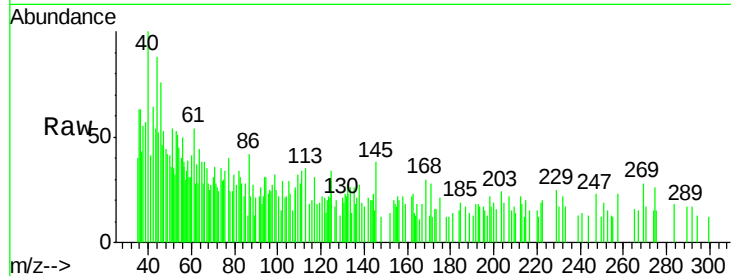
Tgt Ion: 53 Resp: 397

Ion Ratio Lower Upper

53 100

52 0.0 66.6 100.0#

51 0.0 29.0 43.6#



#16

Acetone

Concen: 1.88 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015146.D

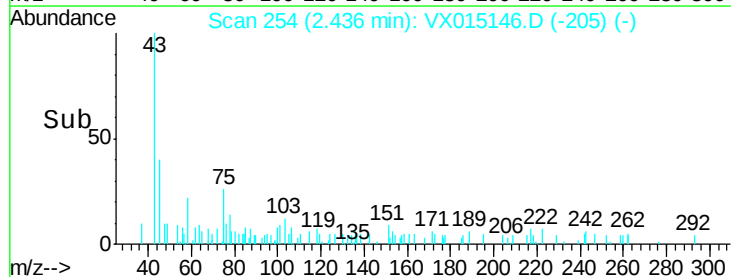
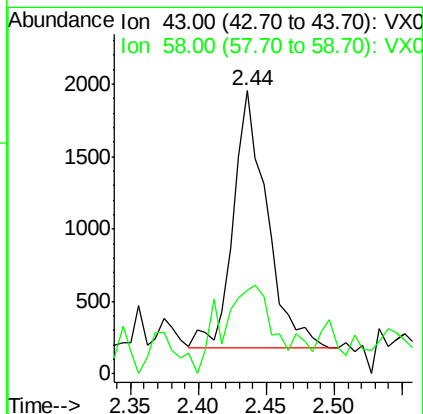
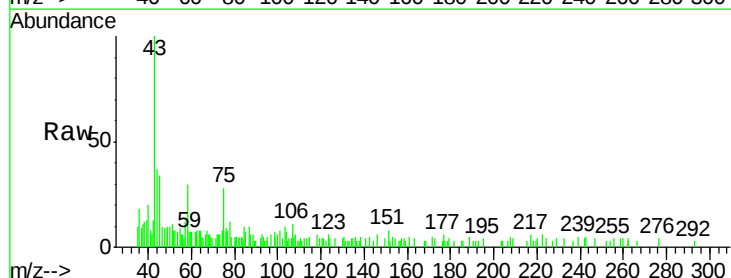
Acq: 09 Mar 2020 16:29

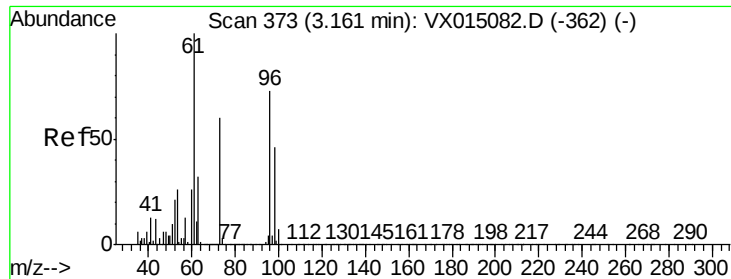
Tgt Ion: 43 Resp: 3054

Ion Ratio Lower Upper

43 100

58 22.6 24.8 37.2#





#21

trans-1,2-Dichloroethene

Concen: 0.25 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

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RE132D4-20200305

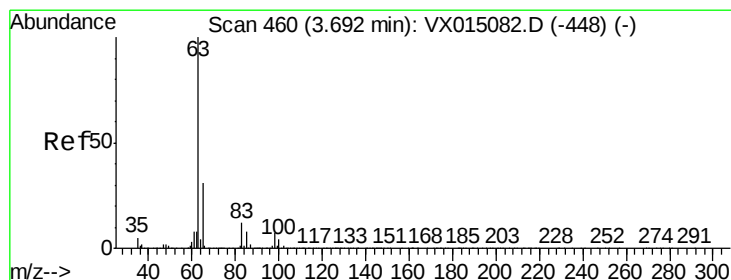
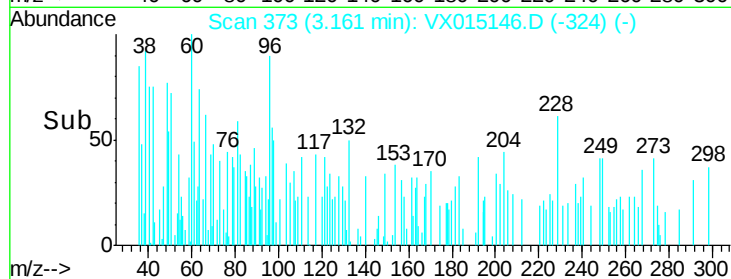
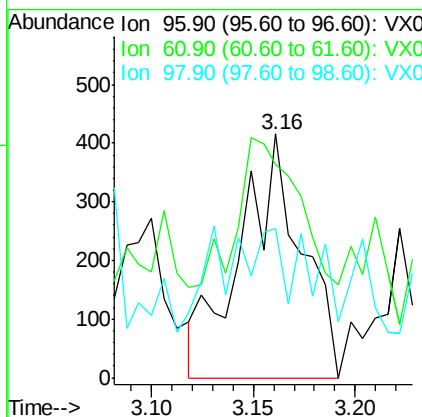
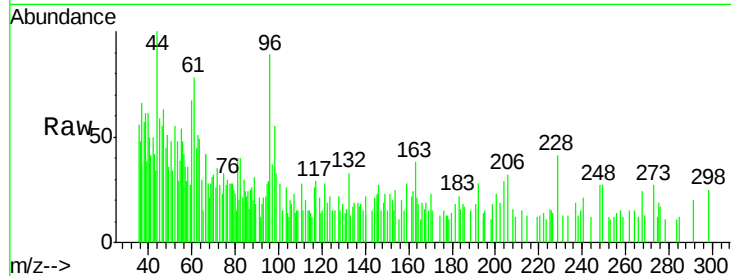
Tgt Ion: 96 Resp: 861

Ion Ratio Lower Upper

96 100

61 61.5 109.9 164.9#

98 47.1 50.2 75.2#



#24

1,1-Dichloroethane

Concen: 0.40 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

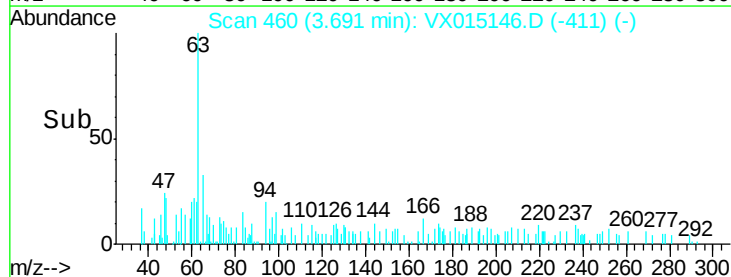
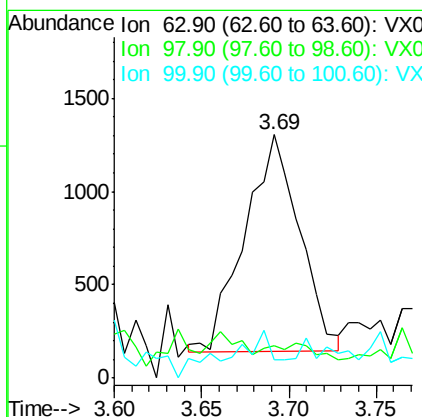
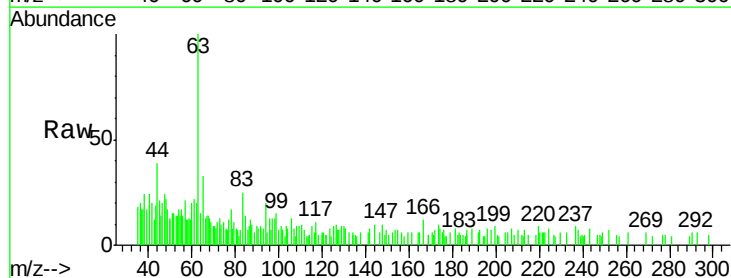
Tgt Ion: 63 Resp: 2522

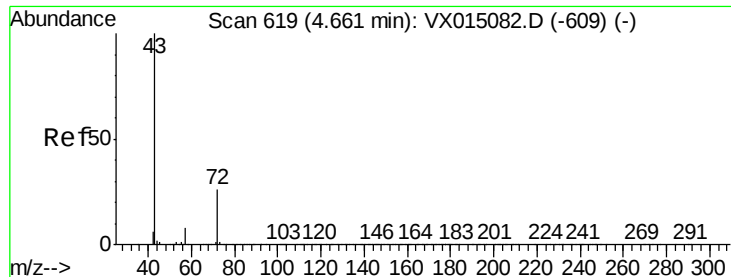
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 0.26 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

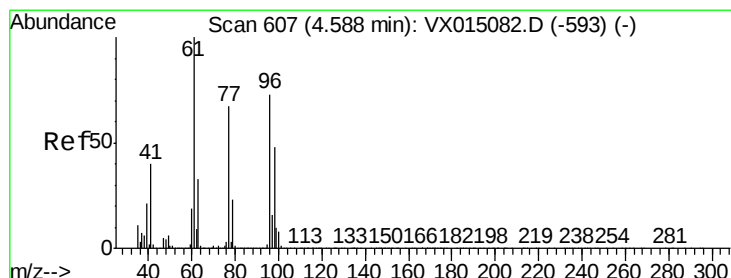
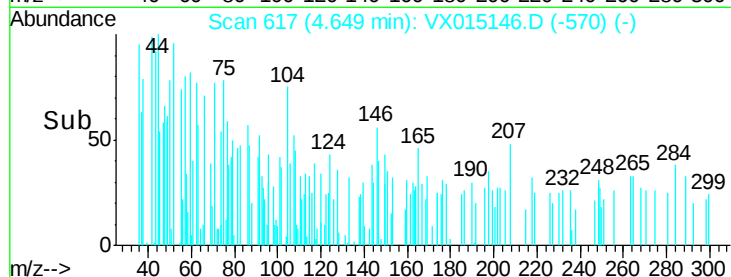
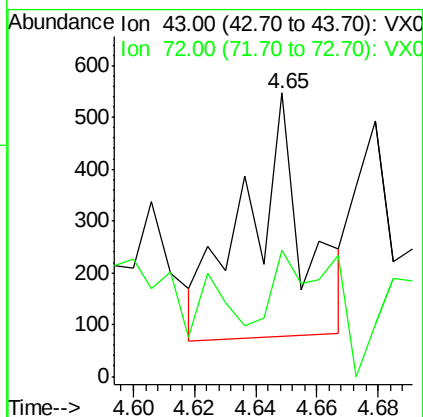
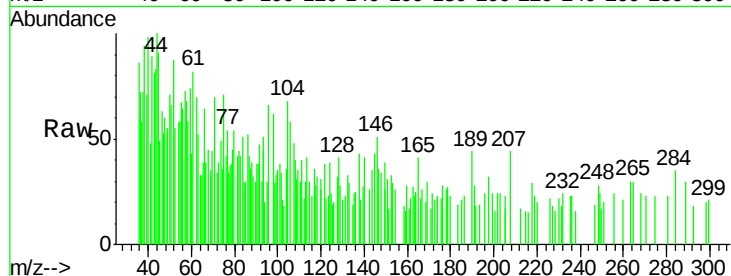
RE132D4-20200305

Tgt Ion: 43 Resp: 616

Ion Ratio Lower Upper

43 100

72 44.8 20.6 30.8#



#27

cis-1,2-Dichloroethene

Concen: 2.76 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

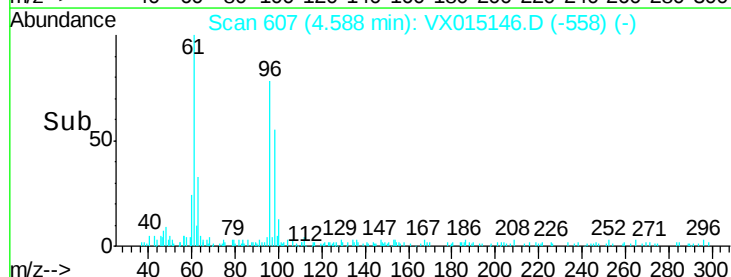
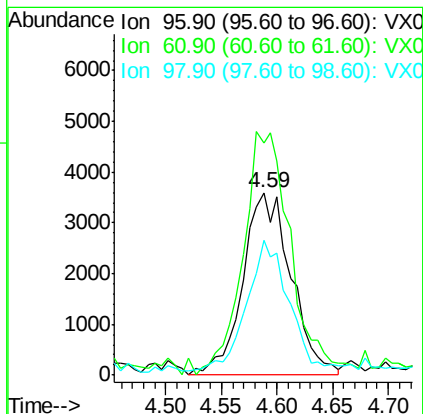
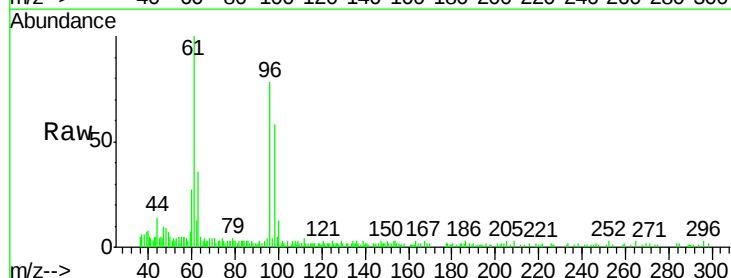
Tgt Ion: 96 Resp: 10885

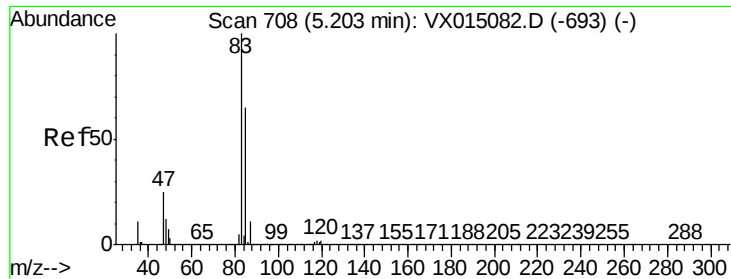
Ion Ratio Lower Upper

96 100

61 131.8 0.0 286.8

98 62.9 0.0 128.4





#30

Chloroform

Concen: 0.48 ug/l

RT: 5.21 min Scan# 709

Delta R.T. 0.01 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

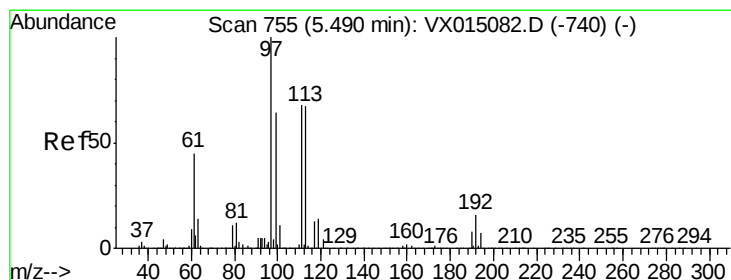
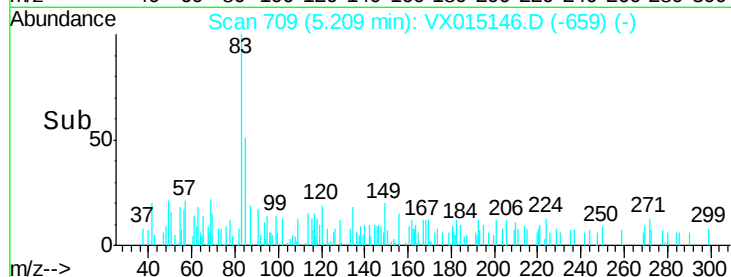
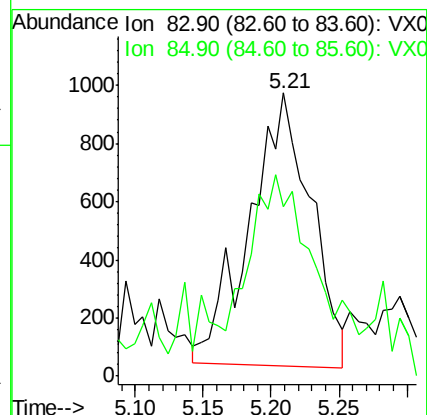
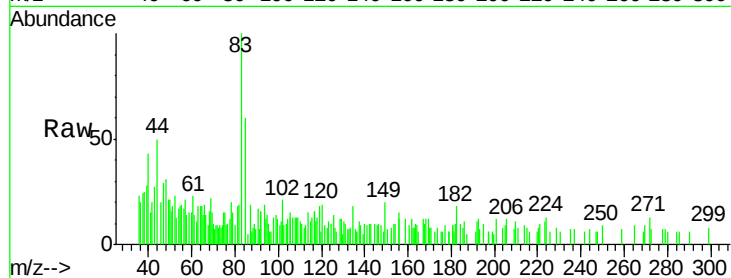
RE132D4-20200305

Tgt Ion: 83 Resp: 2956

Ion Ratio Lower Upper

83 100

85 57.0 52.0 78.0



#32

1,1,1-Trichloroethane

Concen: 0.21 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

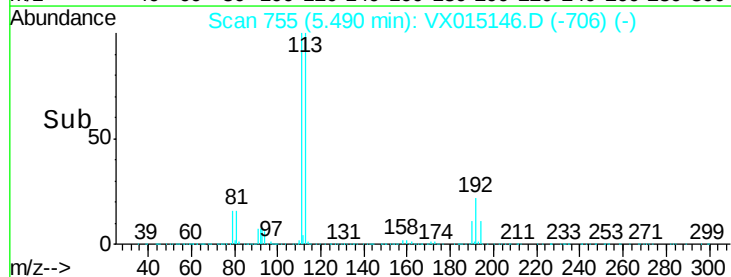
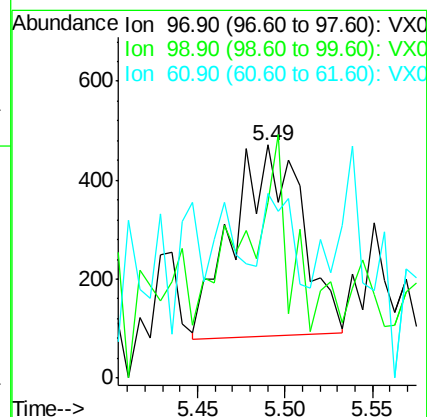
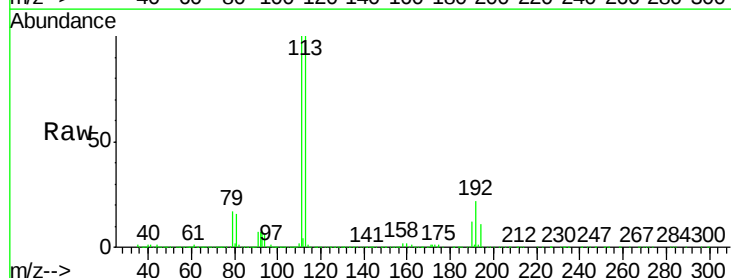
Tgt Ion: 97 Resp: 1061

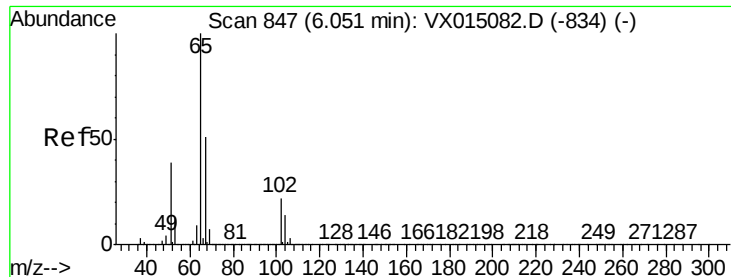
Ion Ratio Lower Upper

97 100

99 0.0 52.8 79.2#

61 0.0 36.6 54.8#





#33

1,2-Dichloroethane-d4

Concen: 52.07 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

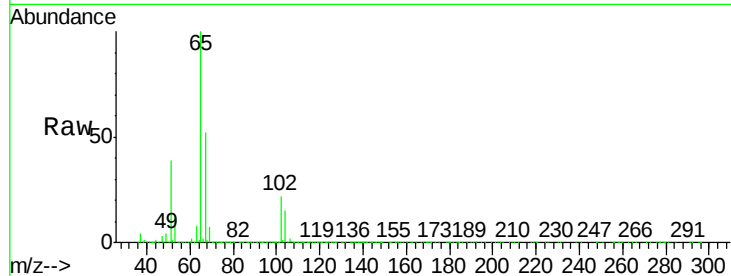
RE132D4-20200305

Tgt Ion: 65 Resp: 209146

Ion Ratio Lower Upper

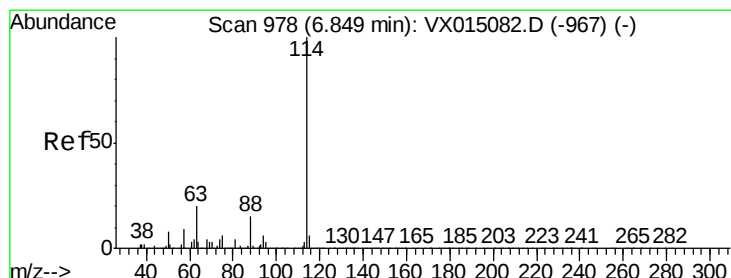
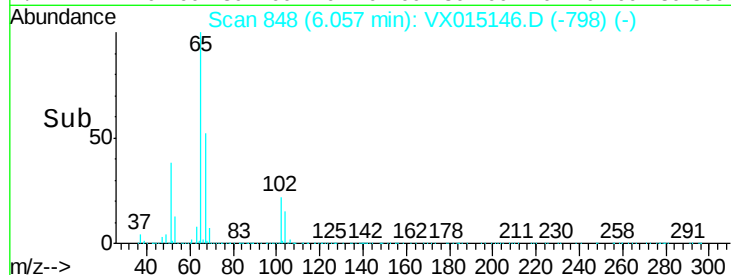
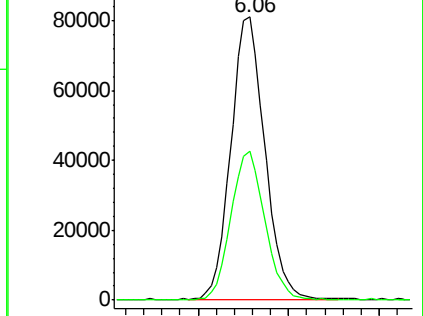
65 100

67 52.8 0.0 105.6



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

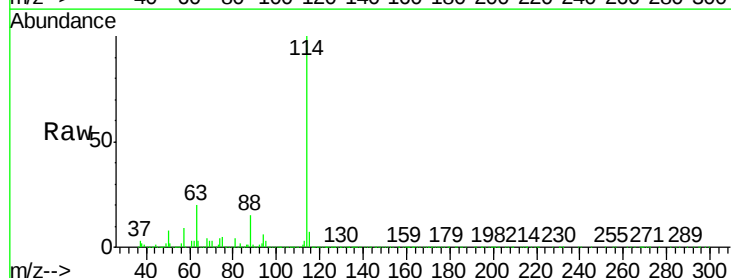
Tgt Ion: 114 Resp: 556499

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

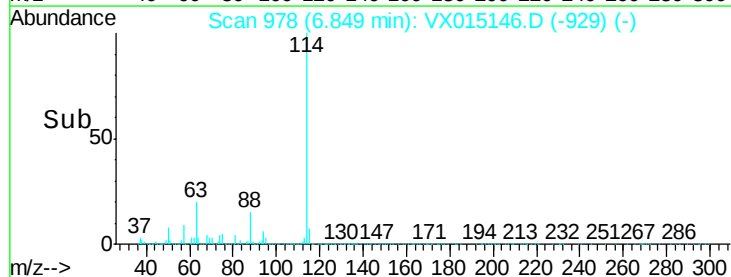
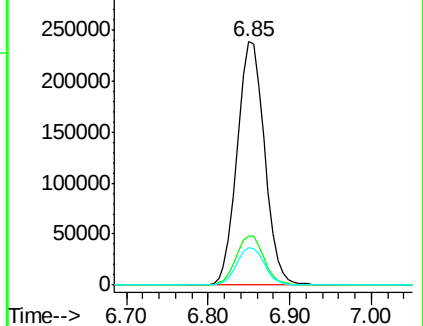
88 15.2 0.0 30.6

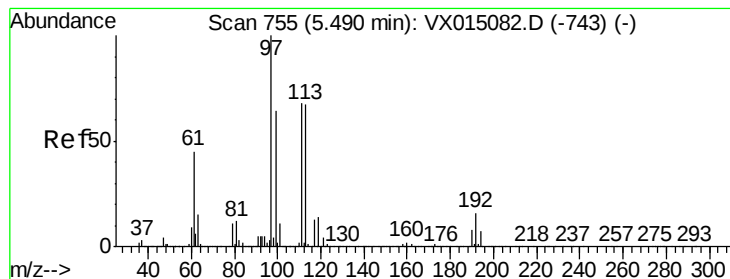


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.32 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

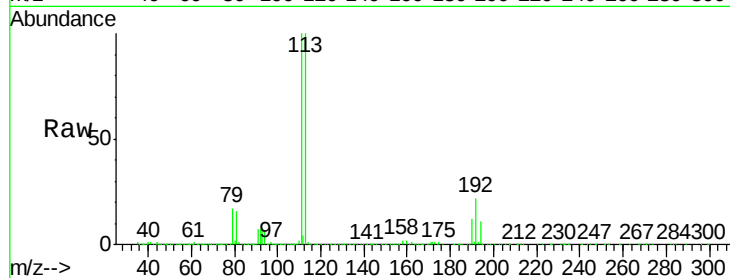
Tgt Ion:113 Resp: 176660

Ion Ratio Lower Upper

113 100

111 102.0 82.6 123.8

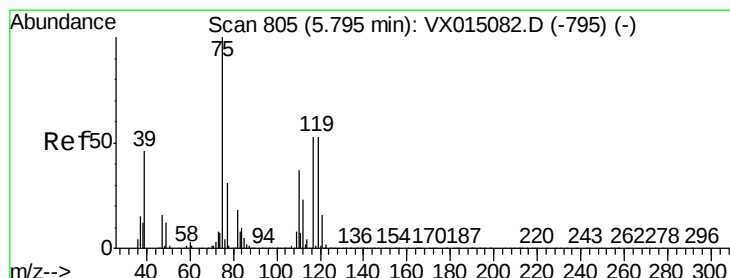
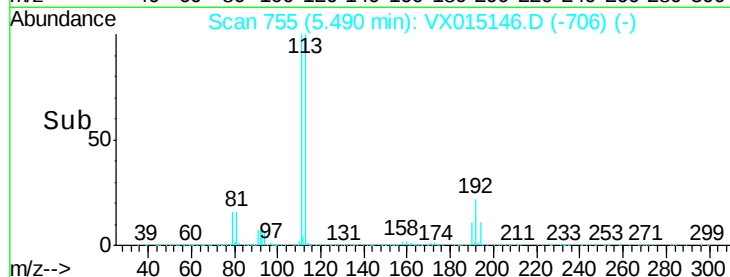
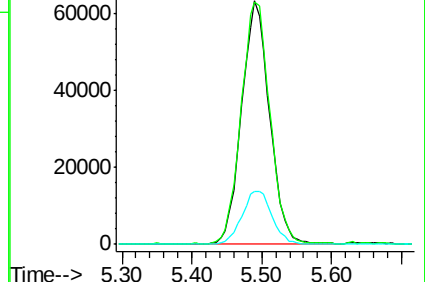
192 23.3 18.6 28.0



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: 4.70 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.15 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

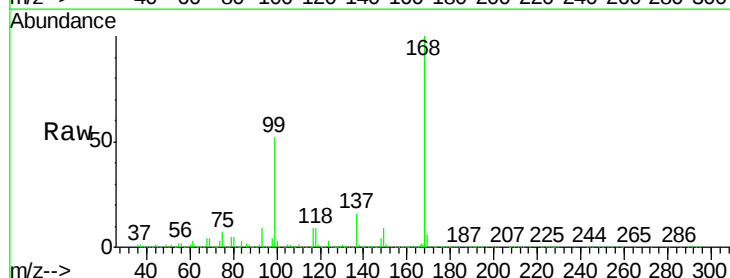
Tgt Ion: 75 Resp: 24158

Ion Ratio Lower Upper

75 100

110 11.7 17.9 53.8#

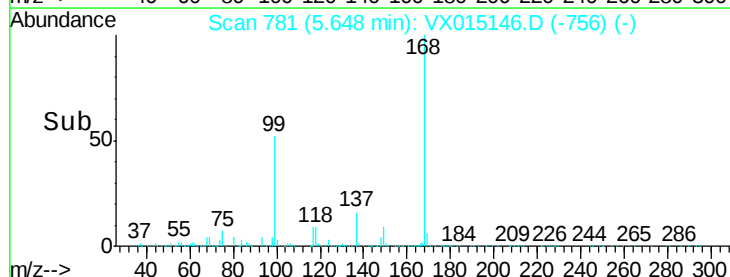
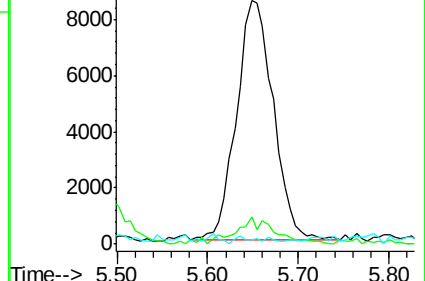
77 1.2 24.8 37.2#

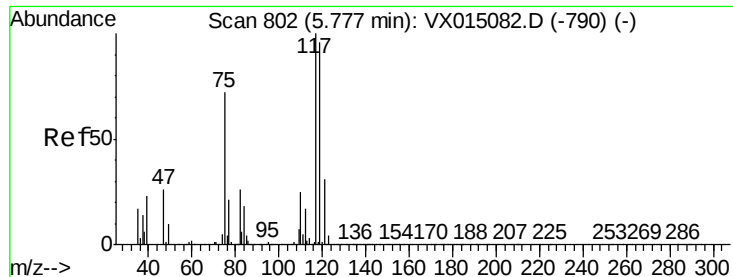


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 0.32 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

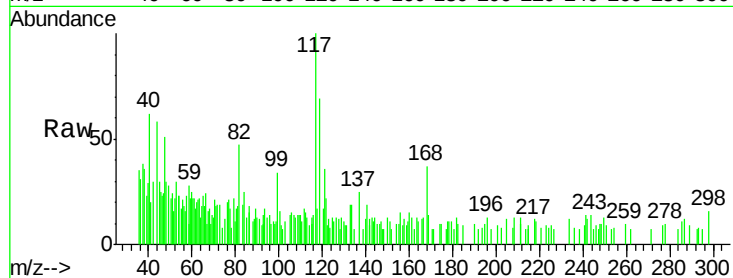
Tgt Ion:117 Resp: 1542

Ion Ratio Lower Upper

117 100

119 62.1 76.9 115.3#

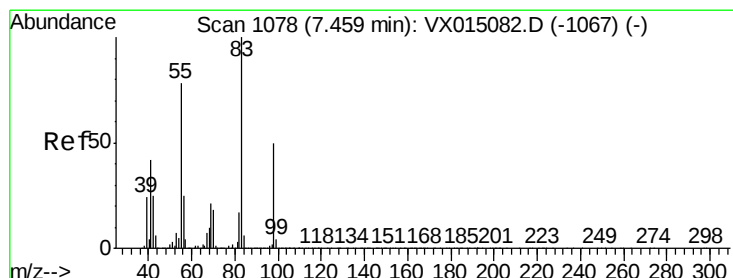
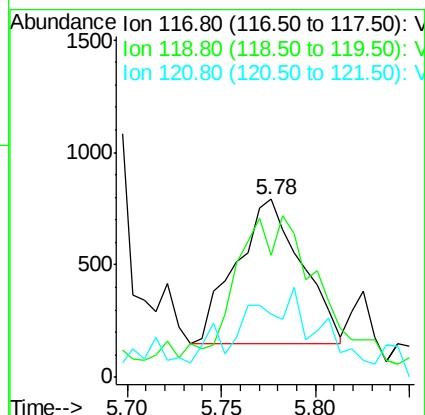
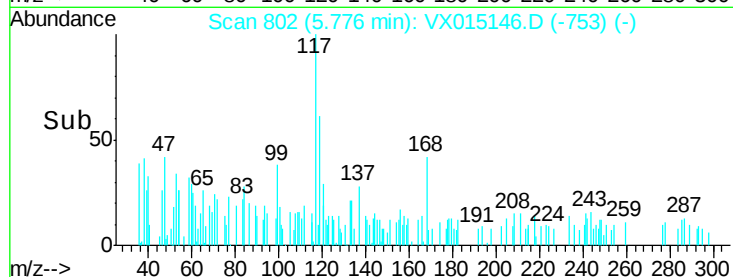
121 27.1 24.6 37.0



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: 2.05 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.26 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

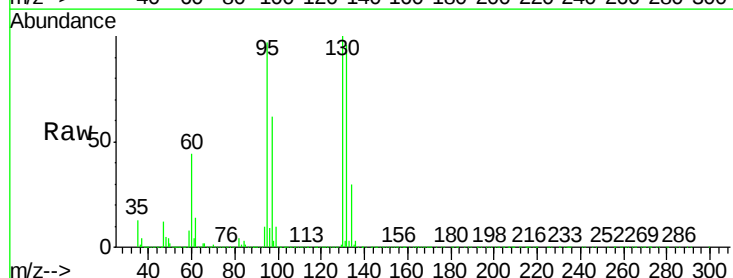
Tgt Ion: 83 Resp: 12334

Ion Ratio Lower Upper

83 100

55 3.8 62.4 93.6#

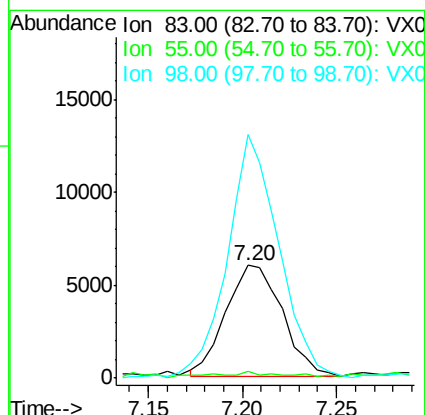
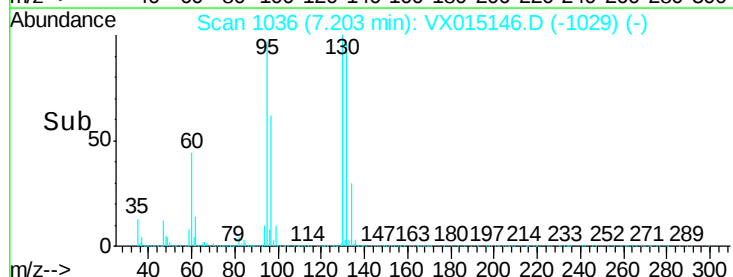
98 218.0 39.7 59.5#

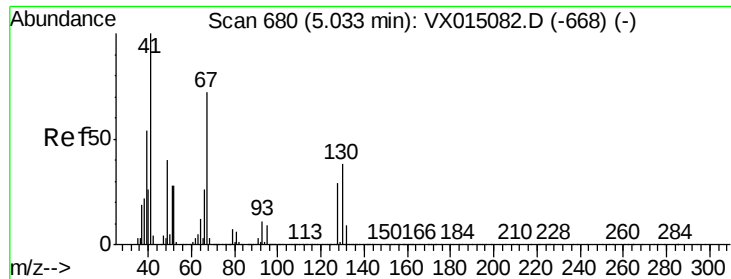


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

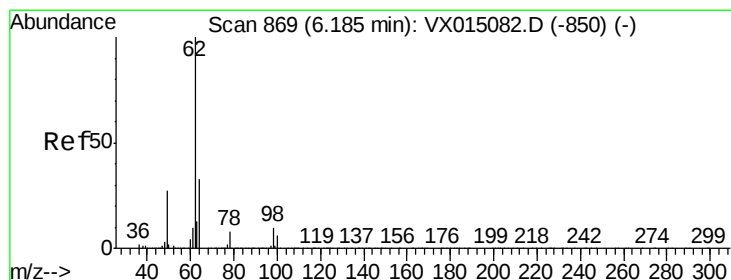
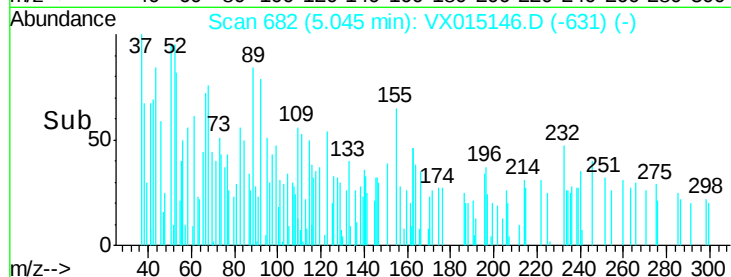
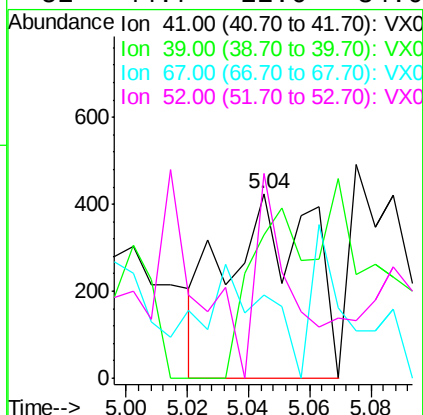
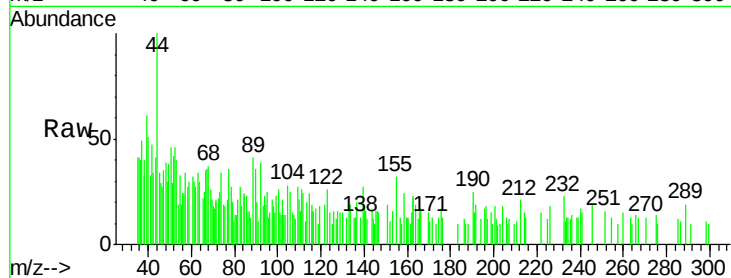




#41
Methacrylonitrile
Concen: 0.28 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.01 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

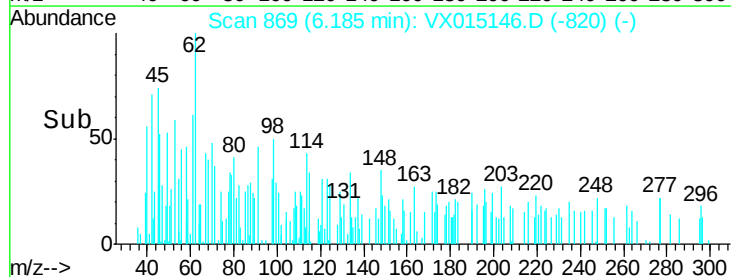
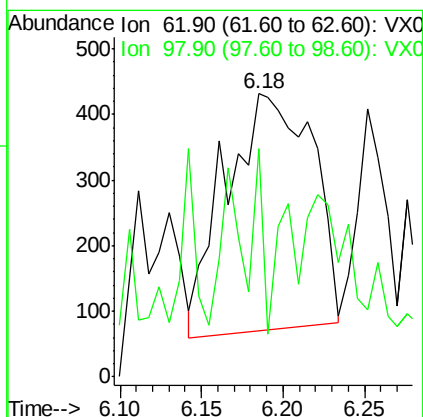
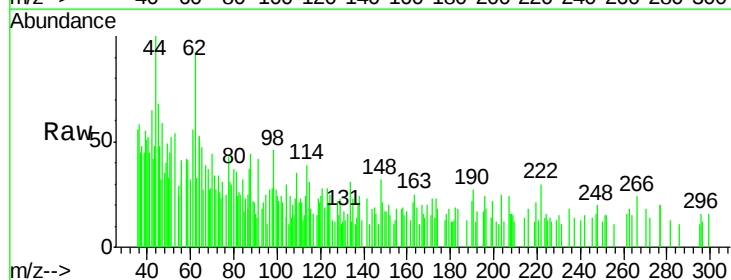
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20200305

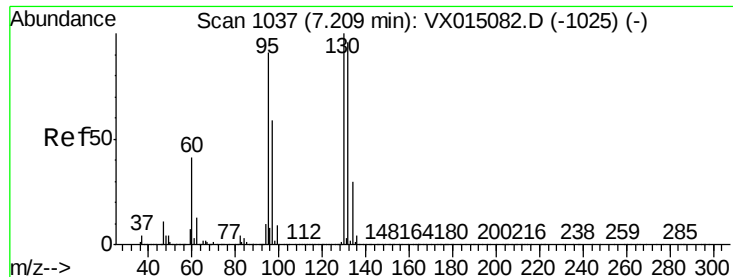
Tgt Ion:	41	Resp:	808
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.9	65.9
67	47.0	57.8	86.8#
52	44.7	22.6	34.0#



#42
1,2-Dichloroethane
Concen: 0.26 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

Tgt Ion:	62	Resp:	1341
Ion	Ratio	Lower	Upper
62	100		
98	14.7	0.0	20.6





#44

Trichloroethene

Concen: 245.89 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

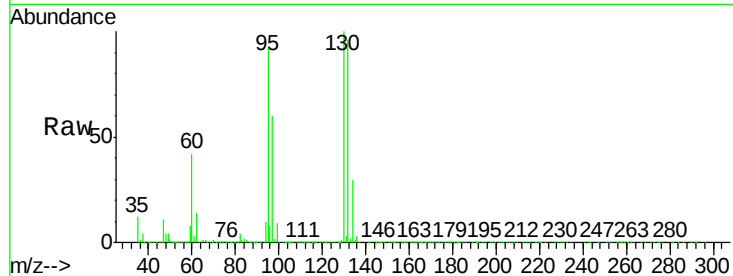
RE132D4-20200305

Tgt Ion:130 Resp: 1045235

Ion Ratio Lower Upper

130 100

95 92.0 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

600000

500000

400000

300000

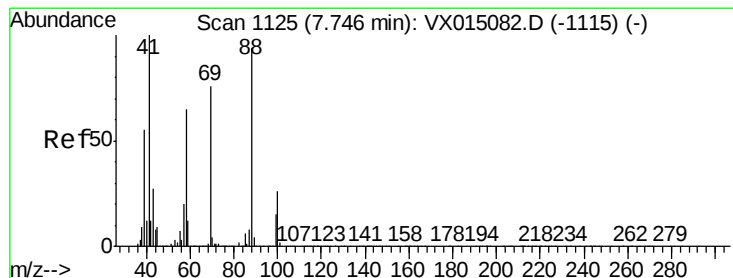
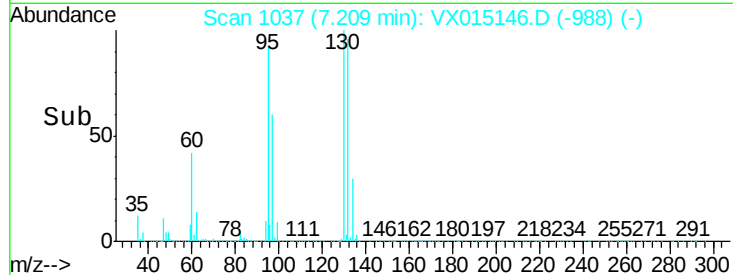
200000

100000

0

7.10 7.20 7.30

Time-->



#49

1,4-Dioxane

Concen: 24.99 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.01 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

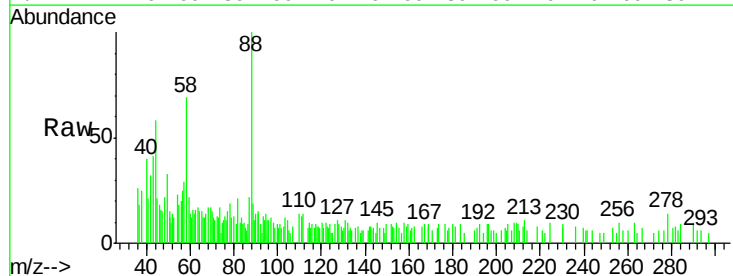
Tgt Ion: 88 Resp: 2309

Ion Ratio Lower Upper

88 100

43 47.6 27.0 40.4#

58 96.1 55.6 83.4#



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

1500

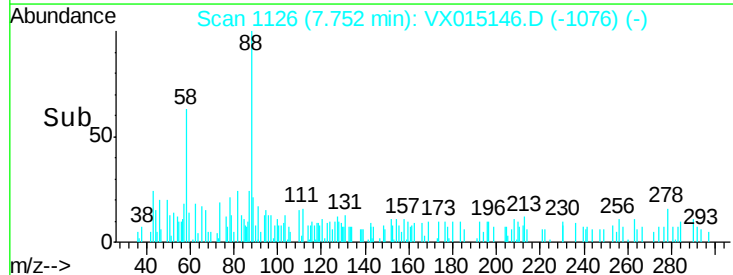
1000

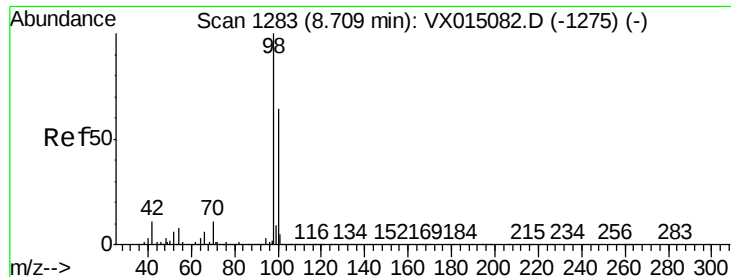
500

0

7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 51.34 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

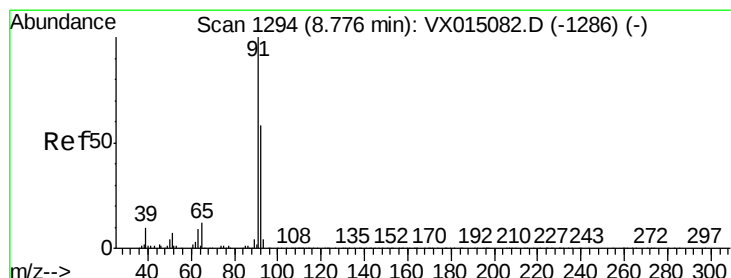
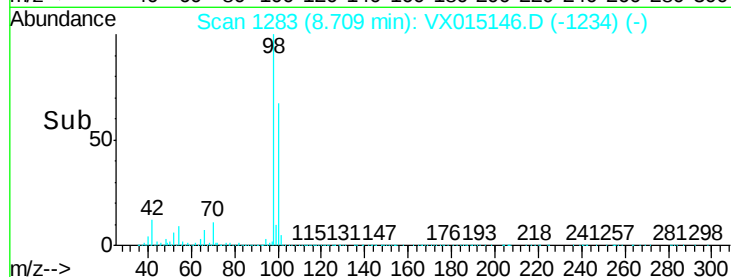
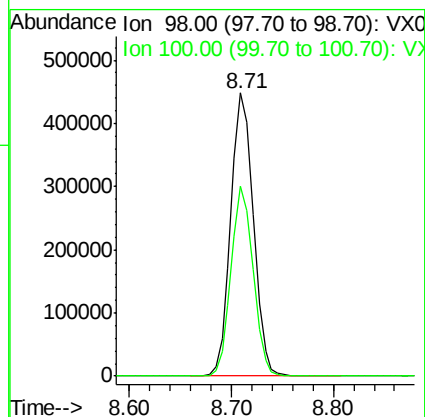
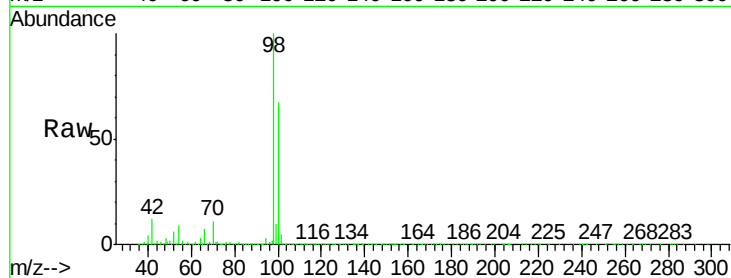
RE132D4-20200305

Tgt Ion: 98 Resp: 685569

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6



#52

Toluene

Concen: 0.30 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015146.D

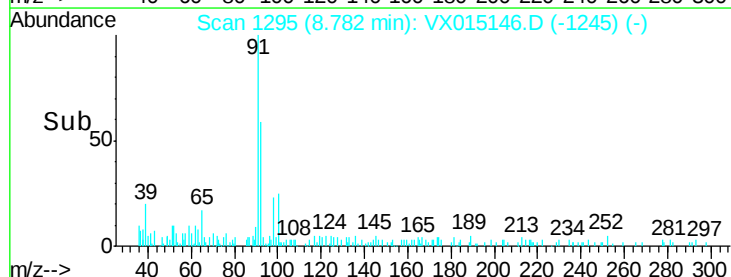
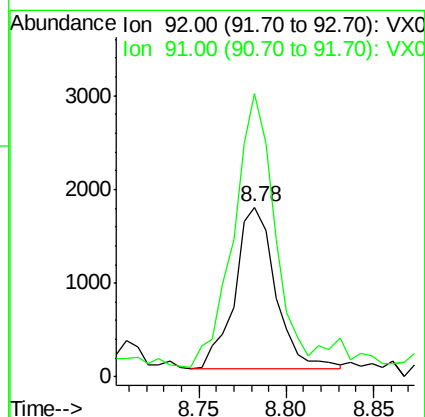
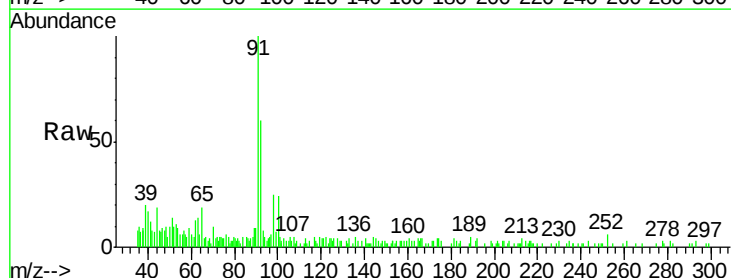
Acq: 09 Mar 2020 16:29

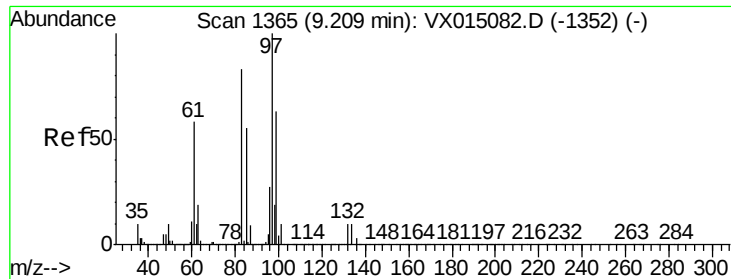
Tgt Ion: 92 Resp: 2814

Ion Ratio Lower Upper

92 100

91 167.7 136.9 205.3

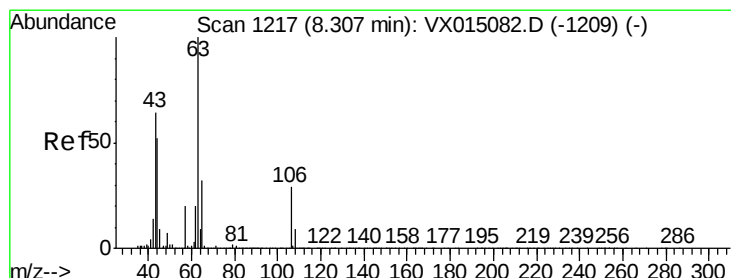
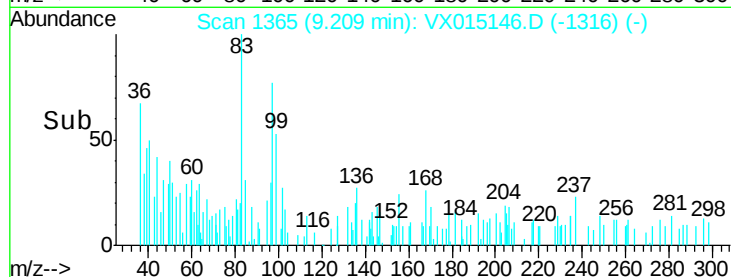
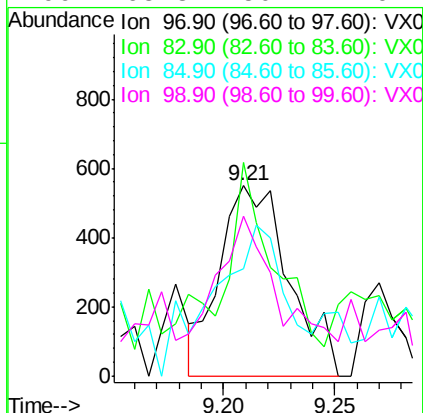
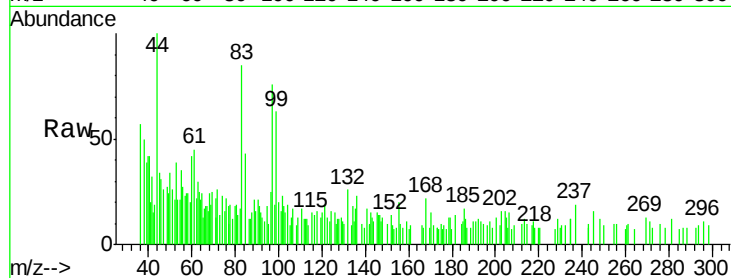




#55
 1,1,2-Trichloroethane
 Concen: 0.31 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015146.D
 Acq: 09 Mar 2020 16:29

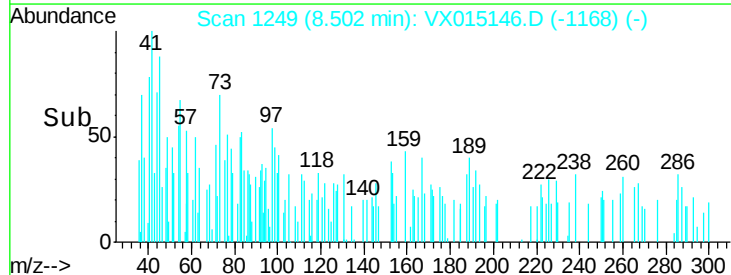
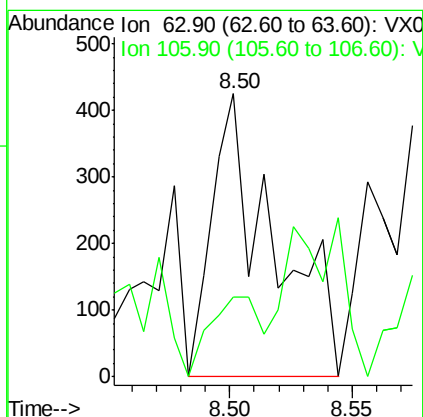
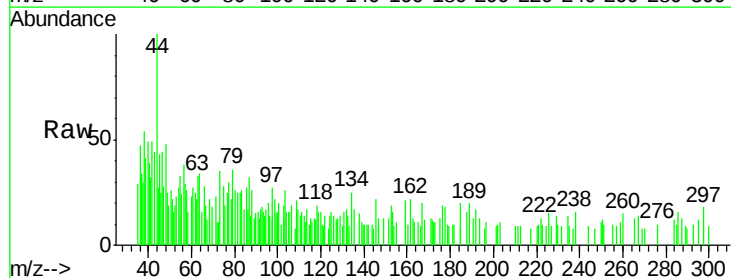
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20200305

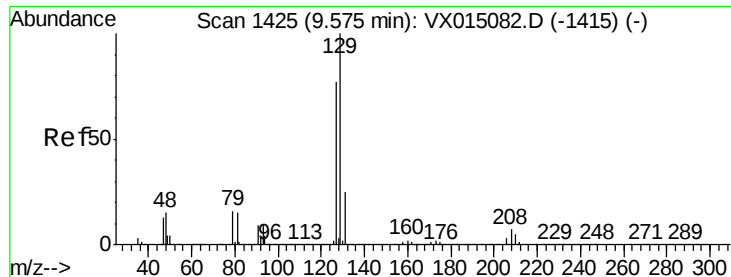
Tgt Ion:	97	Resp:	1189
Ion	Ratio	Lower	Upper
97	100		
83	74.7	66.4	99.6
85	34.2	43.5	65.3#
99	65.8	50.7	76.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.25 ug/l
 RT: 8.50 min Scan# 1249
 Delta R.T. 0.20 min
 Lab File: VX015146.D
 Acq: 09 Mar 2020 16:29

Tgt Ion:	63	Resp:	737
Ion	Ratio	Lower	Upper
63	100		
106	23.1	22.8	34.2

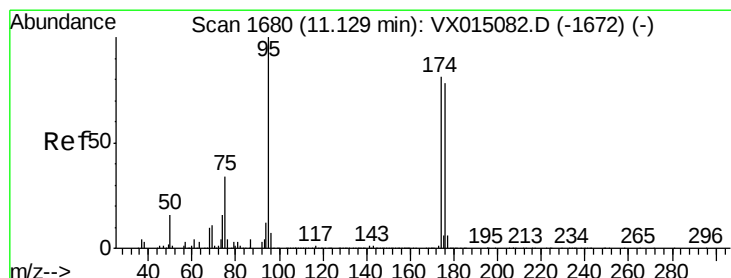
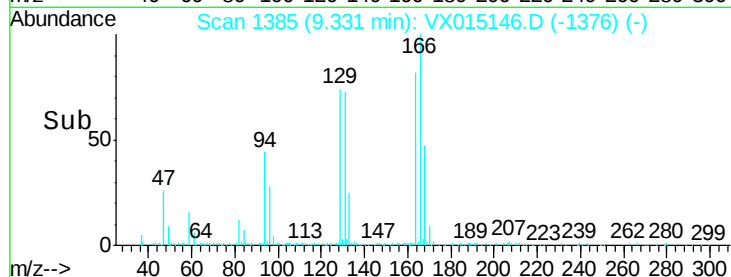
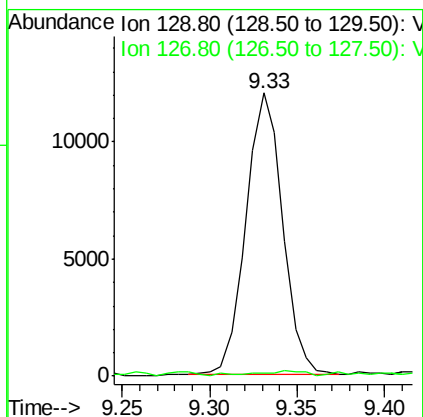
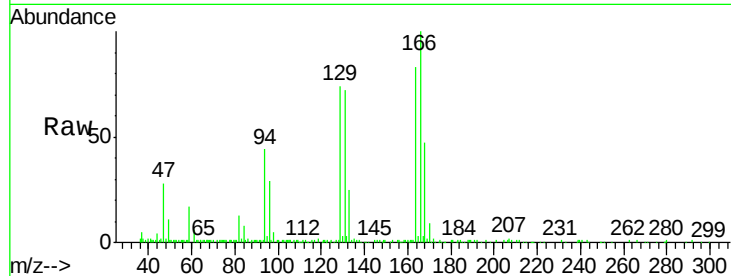




#60
Dibromochloromethane
Concen: 4.33 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.24 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

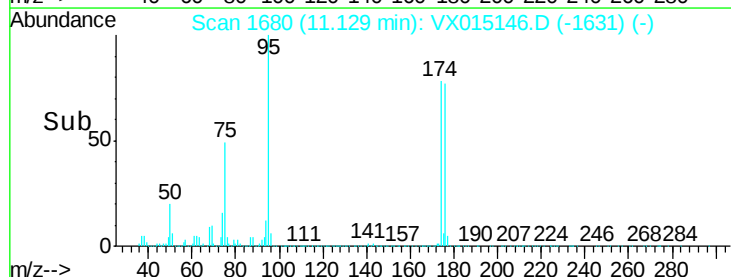
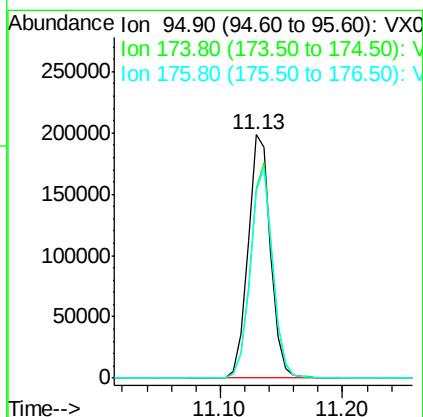
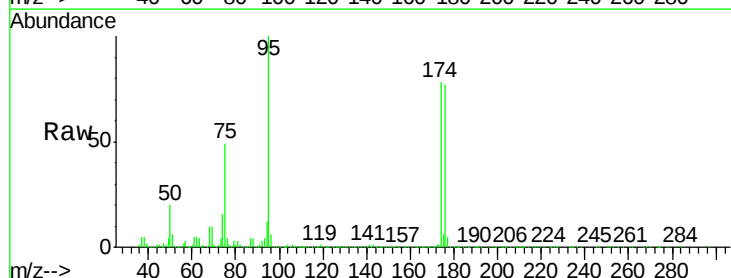
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20200305

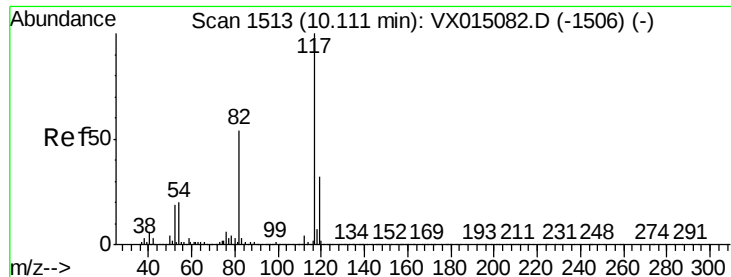
Tgt Ion:129 Resp: 17469
Ion Ratio Lower Upper
129 100
127 2.2 38.8 116.3#



#62
4-Bromofluorobenzene
Concen: 53.12 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

Tgt Ion: 95 Resp: 253034
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.6
176 85.8 0.0 170.2

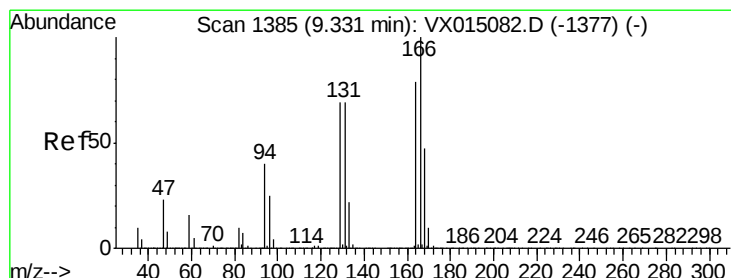
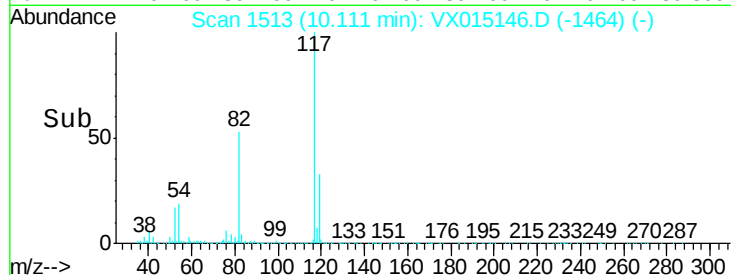
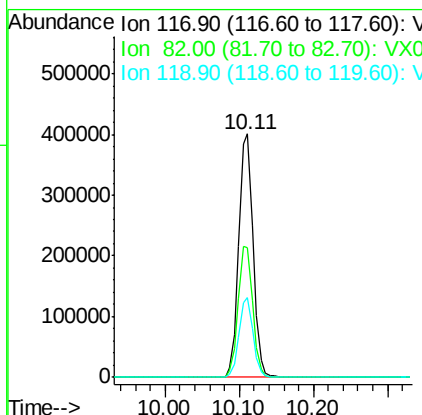
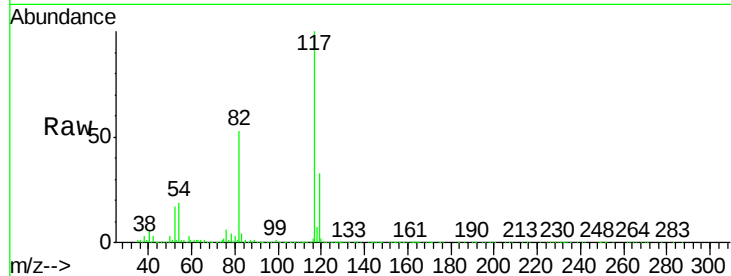




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

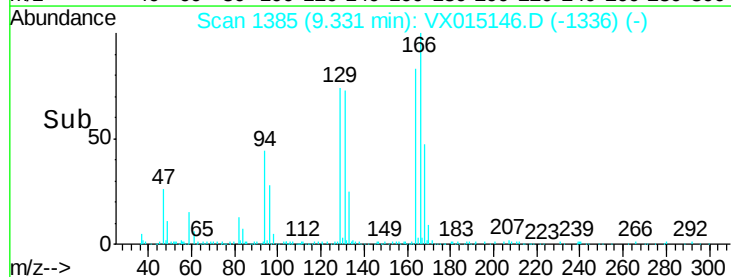
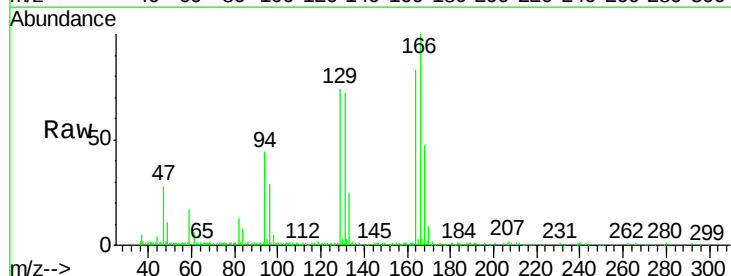
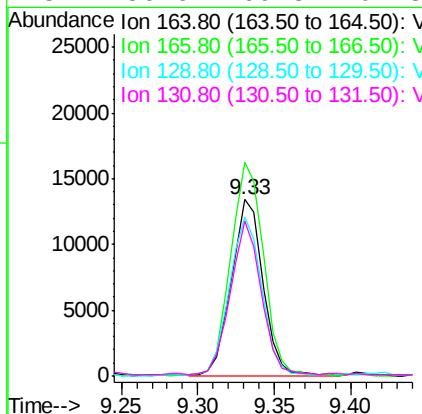
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20200305

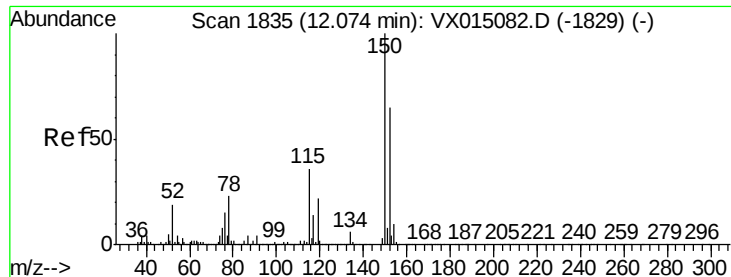
Tgt Ion:117 Resp: 543635
Ion Ratio Lower Upper
117 100
82 53.2 43.3 64.9
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 4.31 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

Tgt Ion:164 Resp: 19356
Ion Ratio Lower Upper
164 100
166 121.2 101.1 151.7
129 89.3 69.4 104.0
131 86.6 69.8 104.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015146.D

Acq: 09 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200305

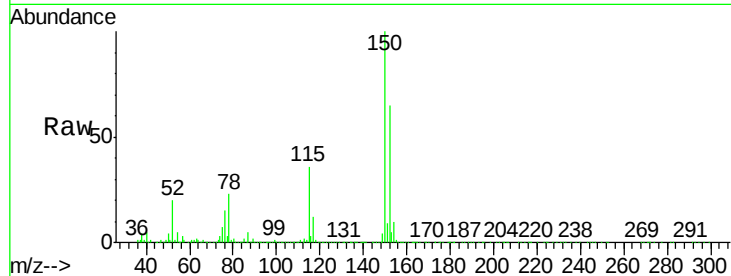
Tgt Ion:152 Resp: 276860

Ion Ratio Lower Upper

152 100

115 55.9 38.2 114.6

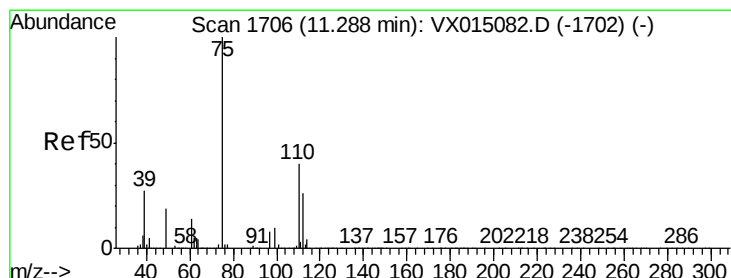
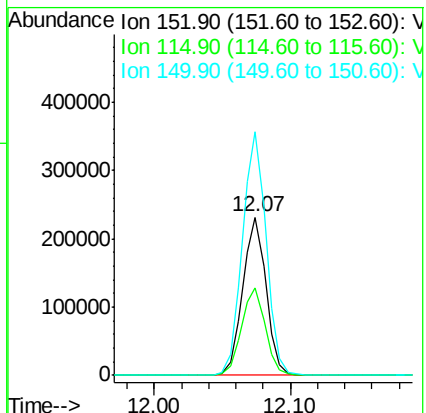
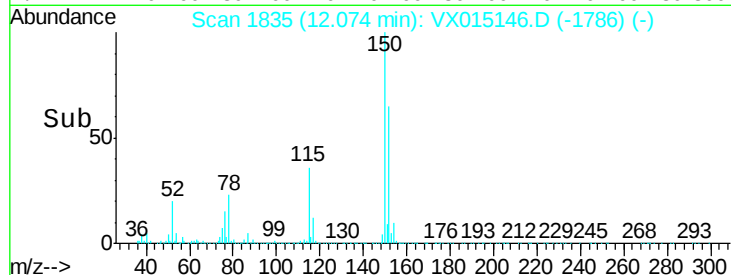
150 156.3 0.0 343.8



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: 22.59 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015146.D

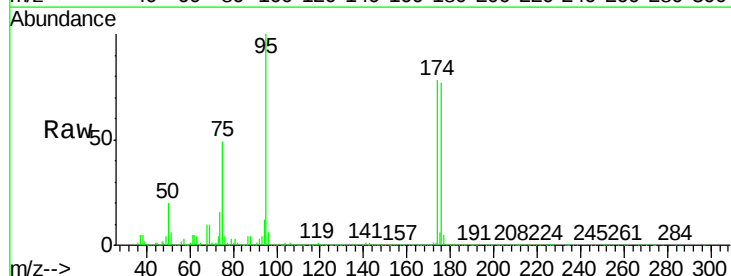
Acq: 09 Mar 2020 16:29

Tgt Ion: 75 Resp: 124727

Ion Ratio Lower Upper

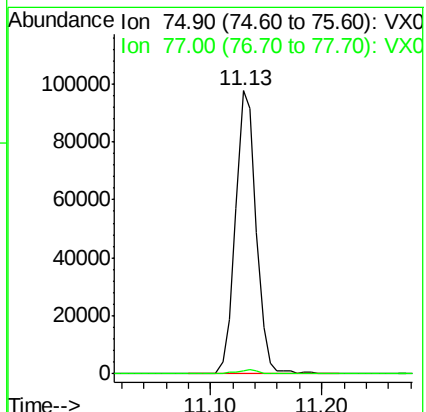
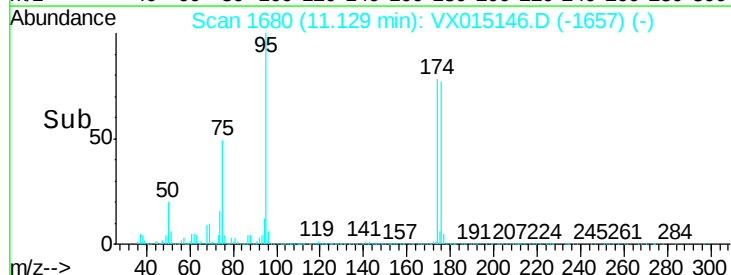
75 100

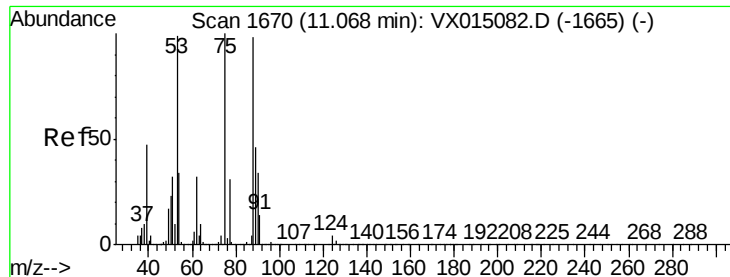
77 1.6 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

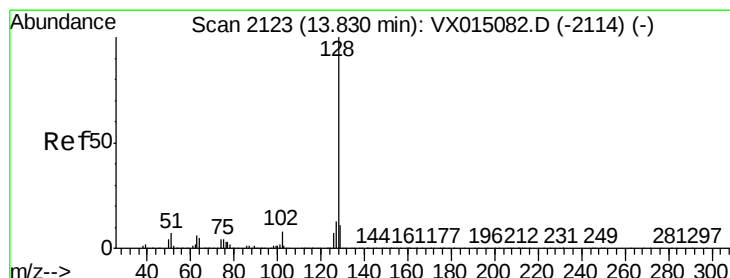
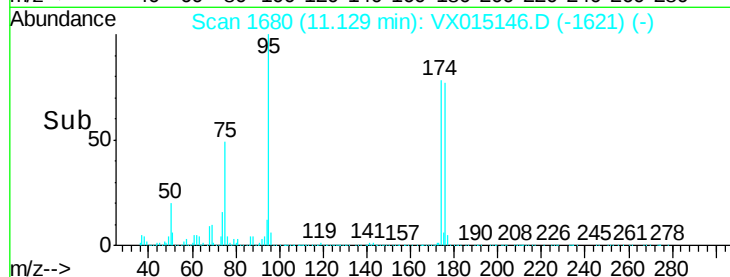
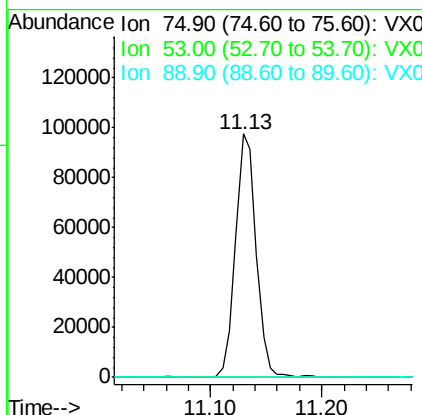
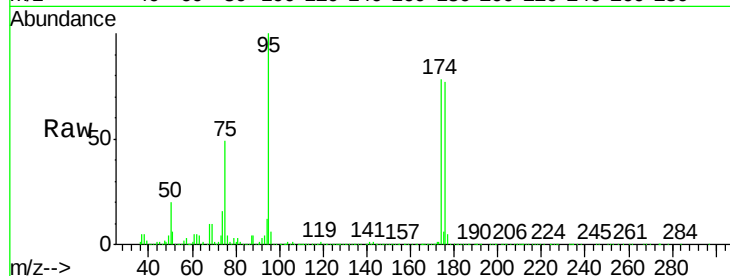




#81
trans-1,4-Dichloro-2-butene
Concen: 64.10 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20200305

Tgt Ion: 75 Resp: 124727
Ion Ratio Lower Upper
75 100
53 0.1 77.9 116.9#
89 0.3 36.2 54.2#



#95
Naphthalene
Concen: 1.45 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015146.D
Acq: 09 Mar 2020 16:29

Tgt Ion: 128 Resp: 615
Ion Ratio Lower Upper
128 100
127 72.2 10.3 15.5#
129 44.2 8.6 13.0#

