

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015257.D
 Acq On : 13 Mar 2020 14:12
 Operator : JC/SP
 Sample : L1903-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20200309

Quant Time: Mar 16 08:20:15 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	254193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	396238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	206816	50.00	ug/l	0.00

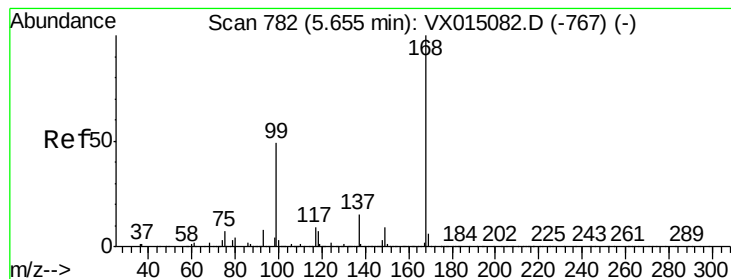
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	142957	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	5.49	113	121167	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
50) Toluene-d8	8.71	98	490184	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
62) 4-Bromofluorobenzene	11.13	95	185636	54.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	1374	0.617	ug/l	90
3) Chloromethane	1.31	50	656	0.208	ug/l #	42
4) Vinyl Chloride	1.41	62	712	0.223	ug/l #	1
5) Bromomethane	1.65	94	622	0.316	ug/l #	48
7) Trichlorofluoromethane	1.93	101	1125	0.296	ug/l	94
8) Diethyl Ether	2.19	74	346	0.201	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	454166	189.752	ug/l	98
11) Tert butyl alcohol	3.03	59	268	0.512	ug/l #	1
12) 1,1-Dichloroethene	2.37	96	5174	2.095	ug/l	94
15) Acrylonitrile	3.12	53	378	0.290	ug/l #	59
16) Acetone	2.44	43	2538	2.078	ug/l	91
20) Methylene Chloride	2.85	84	932	0.326	ug/l #	67
21) trans-1,2-Dichloroethene	3.16	96	677	0.257	ug/l #	33
22) Diisopropyl ether	3.85	45	2091	0.244	ug/l #	70
24) 1,1-Dichloroethane	3.69	63	2146	0.451	ug/l #	92
27) cis-1,2-Dichloroethene	4.59	96	15703	5.307	ug/l	90
29) Tetrahydrofuran	5.11	42	316	0.274	ug/l #	15
30) Chloroform	5.20	83	2308	0.497	ug/l	92
36) 1,1-Dichloropropene	5.65	75	16961	4.630	ug/l #	52
38) Carbon Tetrachloride	5.65	117	21973	6.355	ug/l #	17
41) Methacrylonitrile	5.04	41	416	0.204	ug/l #	67
42) 1,2-Dichloroethane	6.20	62	1148	0.308	ug/l	74
44) Trichloroethene	7.21	130	355294	117.390	ug/l	97
45) 1,2-Dichloropropane	7.52	63	646	0.230	ug/l #	80
49) 1,4-Dioxane	7.76	88	1945	29.569	ug/l #	62
55) 1,1,2-Trichloroethane	9.21	97	619	0.226	ug/l #	84
60) Dibromochloromethane	9.33	129	41131	14.316	ug/l #	11
64) Tetrachloroethene	9.33	164	46315	14.086	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	89106	21.600	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	89106	61.300	ug/l #	11
95) Naphthalene	13.83	128	589	1.462	ug/l #	43

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

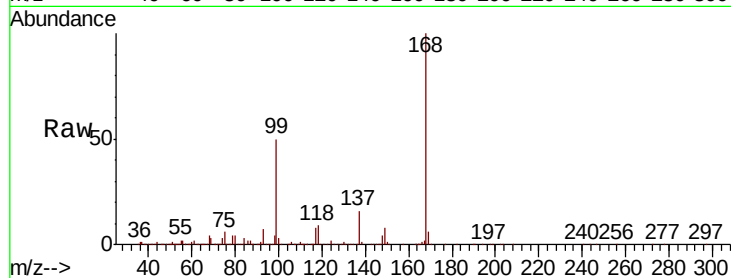
RE131D2-20200309

Tot Ion:168 Resp: 254193

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

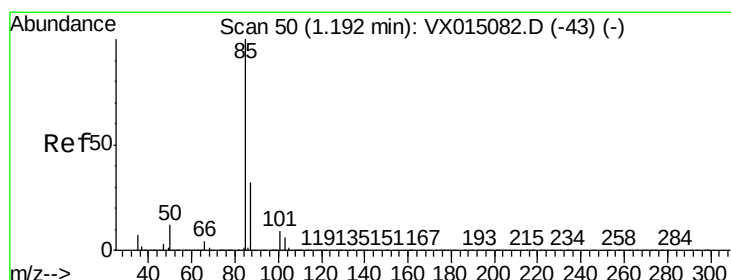
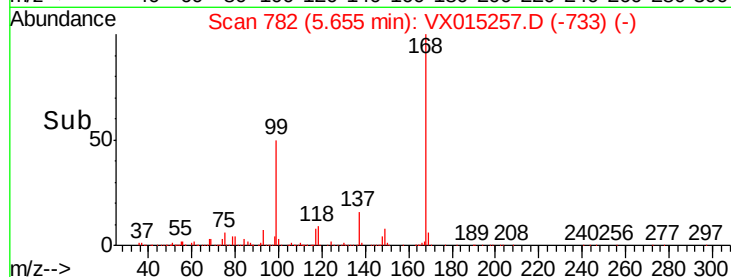
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.617 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015257.D

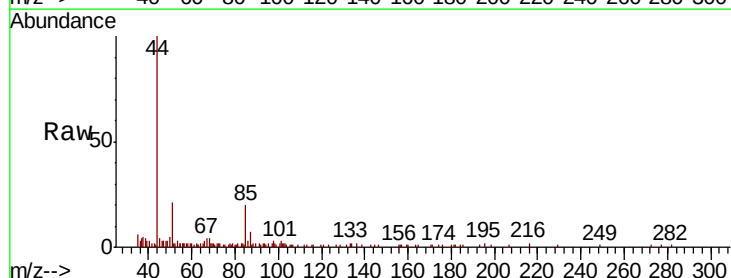
Acq: 13 Mar 2020 14:12

Tgt Ion: 85 Resp: 1374

Ion Ratio Lower Upper

85 100

87 26.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

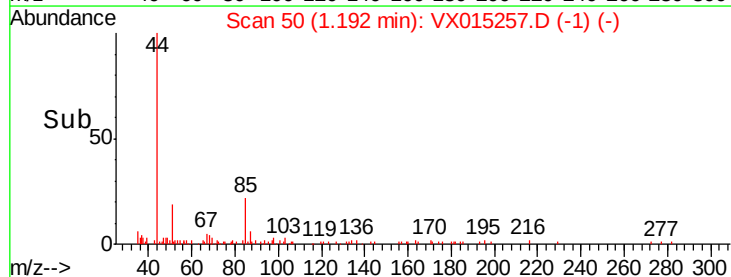
1.19

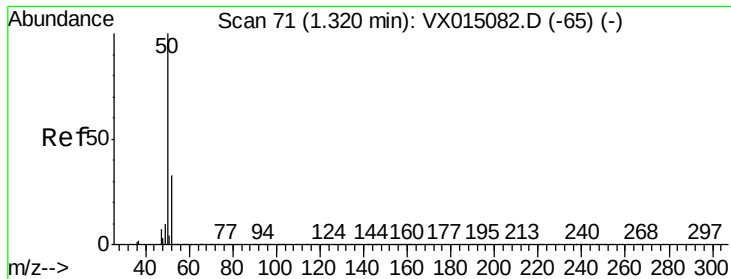
1000

500

0

Time-->





#3

Chloromethane

Concen: 0.208 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

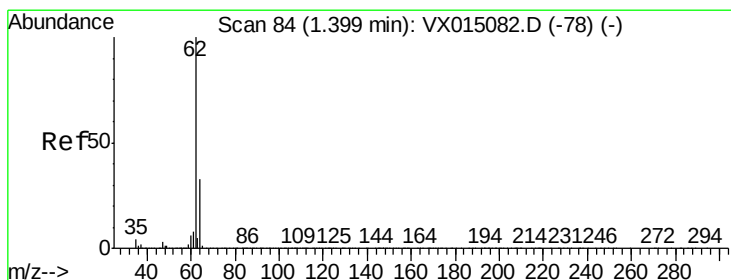
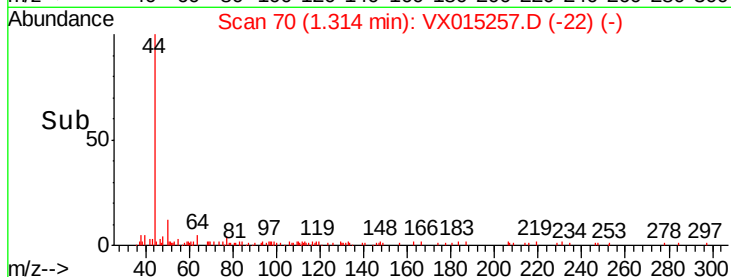
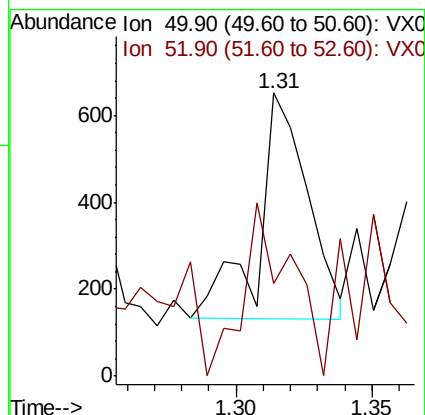
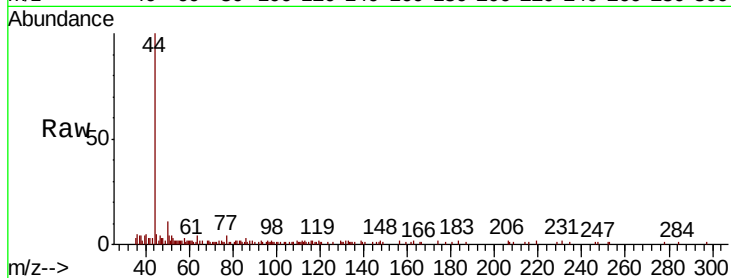
RE131D2-20200309

Tot Ion: 50 Resp: 656

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.2#



#4

Vinyl Chloride

Concen: 0.223 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.01 min

Lab File: VX015257.D

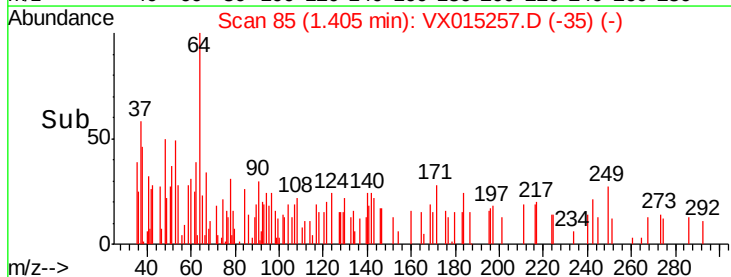
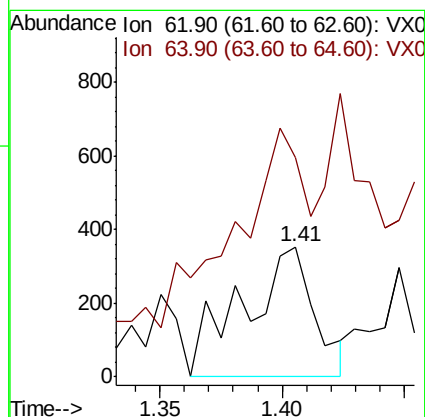
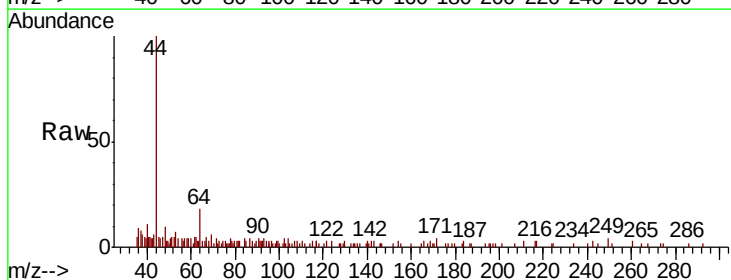
Acq: 13 Mar 2020 14:12

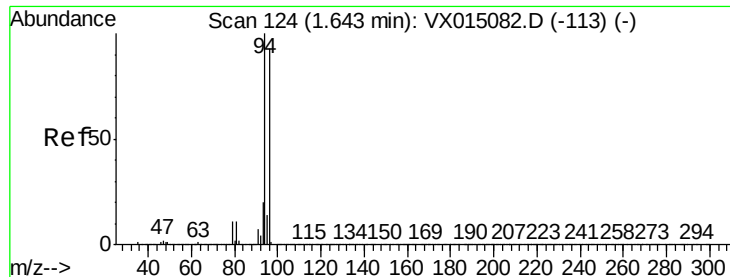
Tgt Ion: 62 Resp: 712

Ion Ratio Lower Upper

62 100

64 92.1 26.1 39.1#





#5

Bromomethane

Concen: 0.316 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.01 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

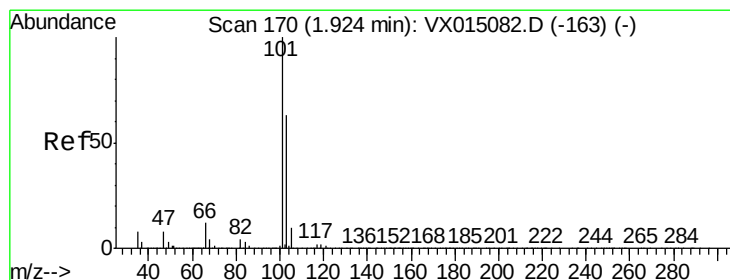
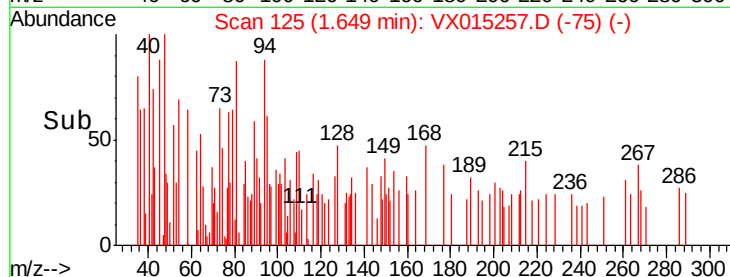
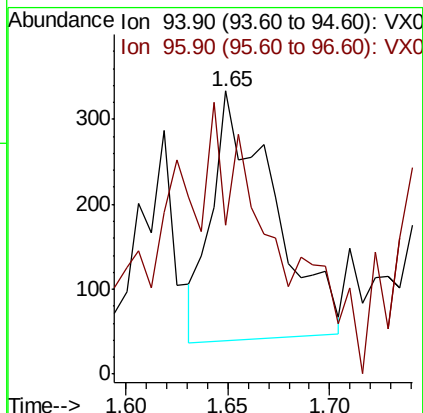
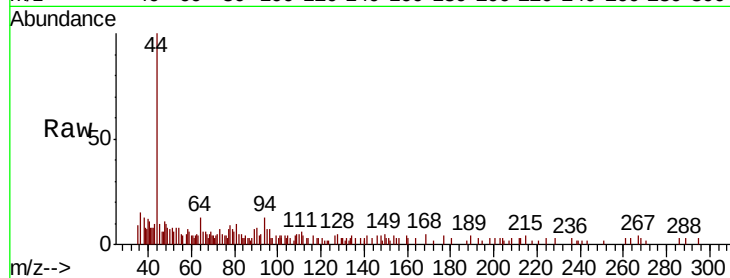
RE131D2-20200309

Tot Ion: 94 Resp: 622

Ion Ratio Lower Upper

94 100

96 43.6 74.6 111.8#



#7

Trichlorofluoromethane

Concen: 0.296 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX015257.D

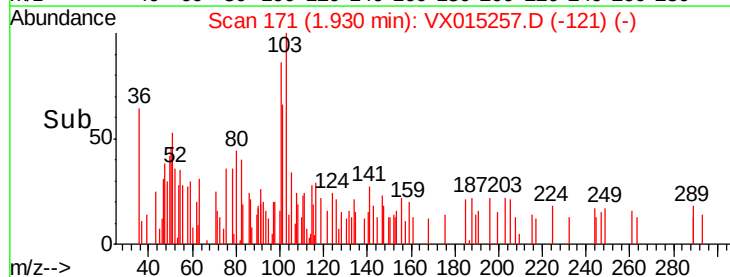
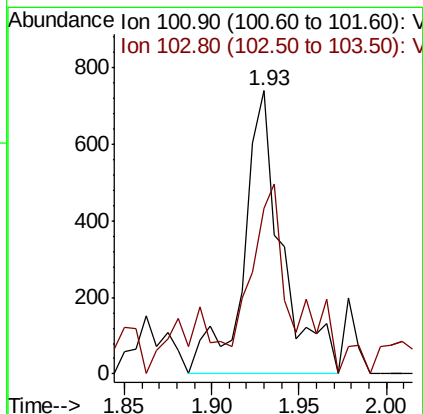
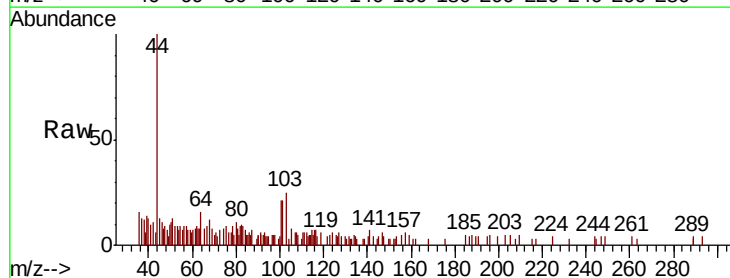
Acq: 13 Mar 2020 14:12

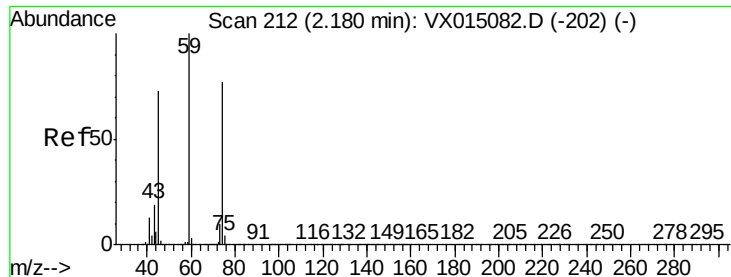
Tgt Ion: 101 Resp: 1125

Ion Ratio Lower Upper

101 100

103 58.5 50.4 75.6





#8

Diethyl Ether

Concen: 0.201 ug/l

RT: 2.19 min Scan# 214

Delta R.T. 0.01 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

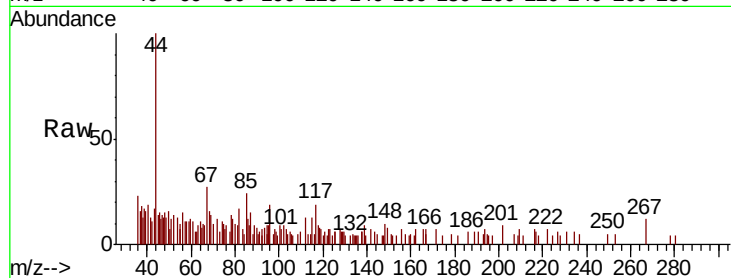
RE131D2-20200309

Tot Ion: 74 Resp: 346

Ion Ratio Lower Upper

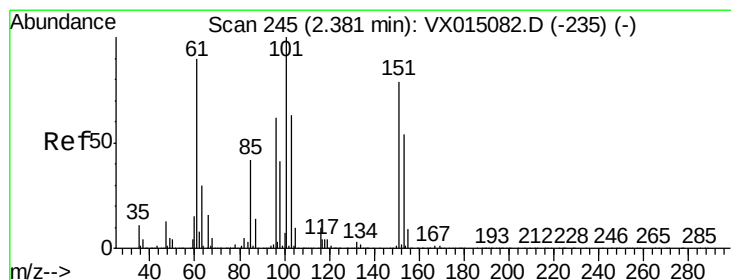
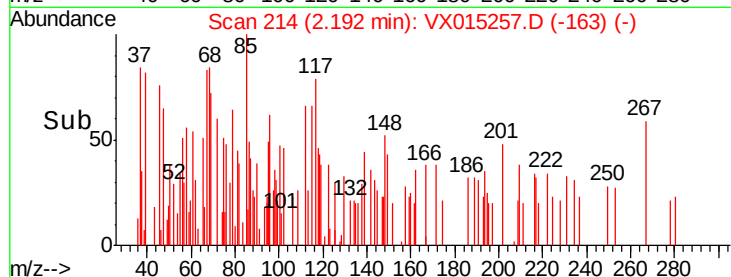
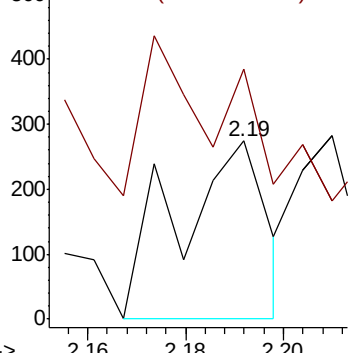
74 100

45 86.1 49.2 147.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 189.752 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

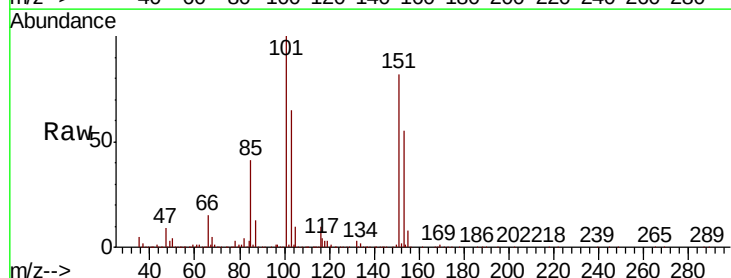
Tgt Ion: 101 Resp: 454166

Ion Ratio Lower Upper

101 100

85 41.3 33.7 50.5

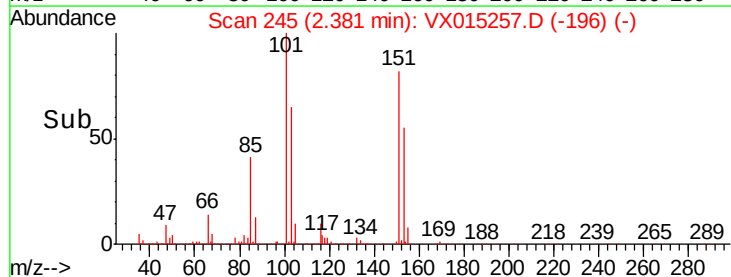
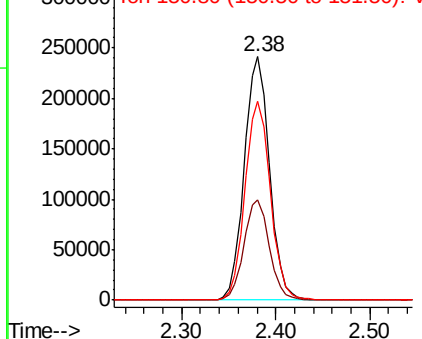
151 82.2 64.0 96.0

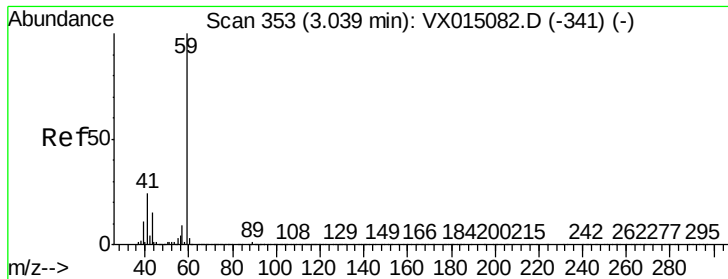


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

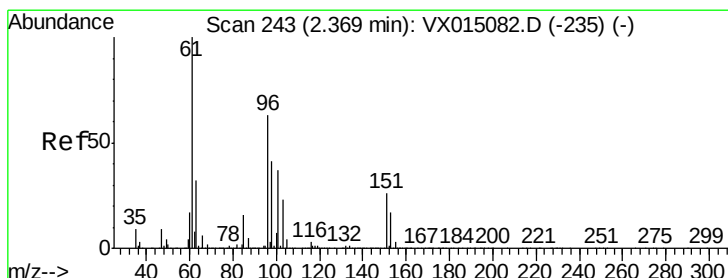
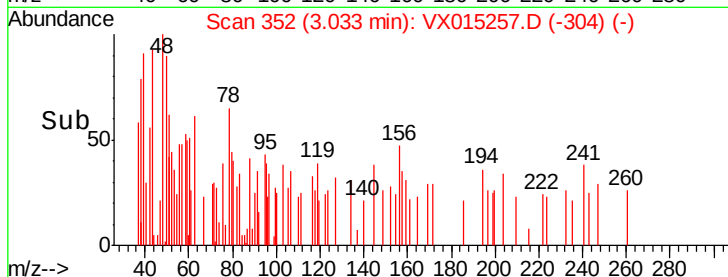
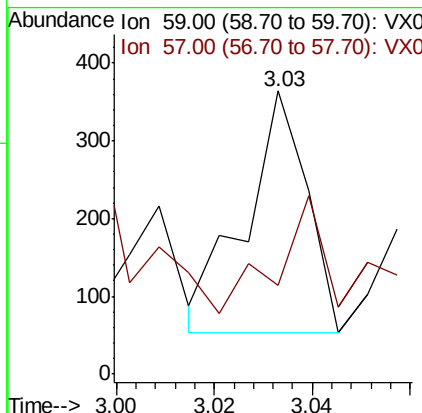
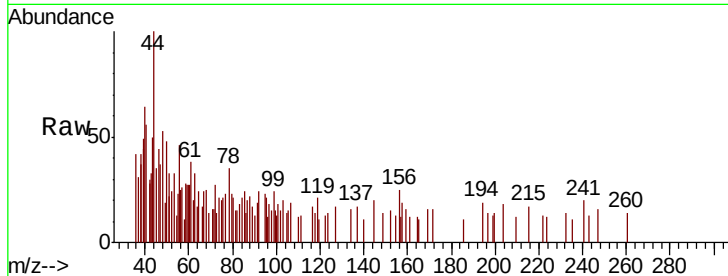




#11
Tert butyl alcohol
Concen: 0.512 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

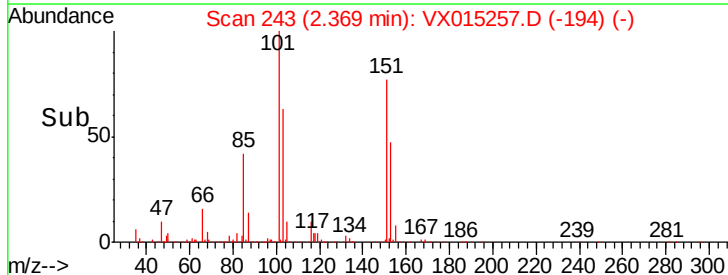
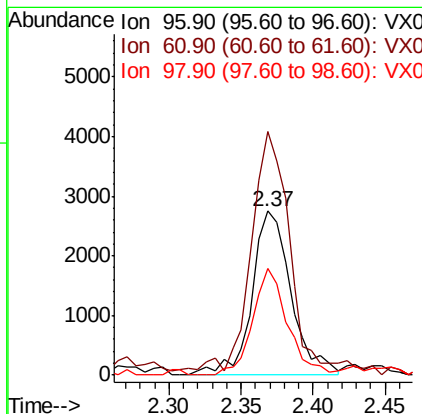
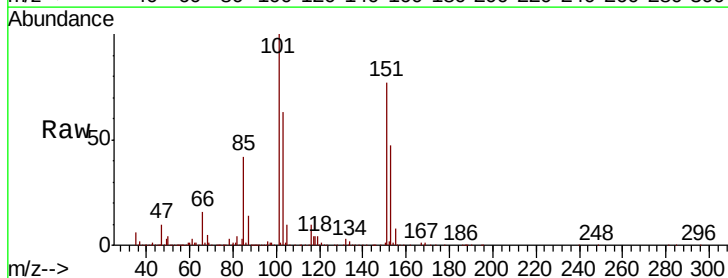
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20200309

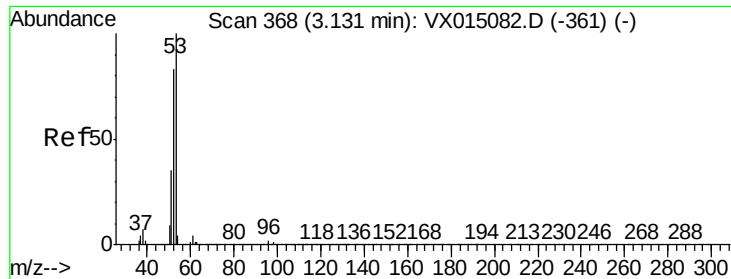
Tot Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 65.3 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 2.095 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

Tgt Ion: 96 Resp: 5174
Ion Ratio Lower Upper
96 100
61 147.8 126.2 189.4
98 66.5 51.4 77.0





#15

Acrylonitrile

Concen: 0.290 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20200309

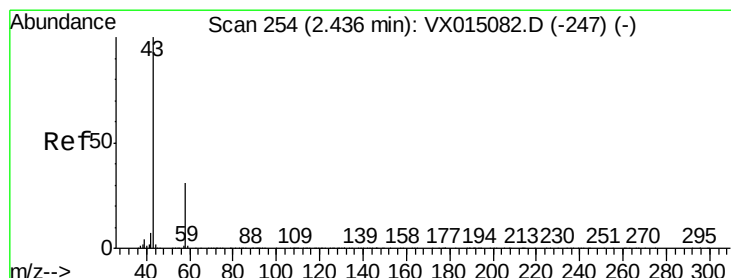
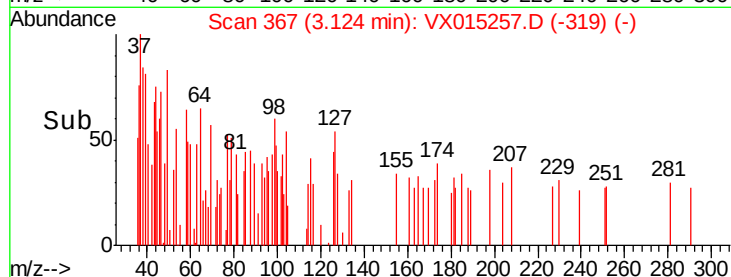
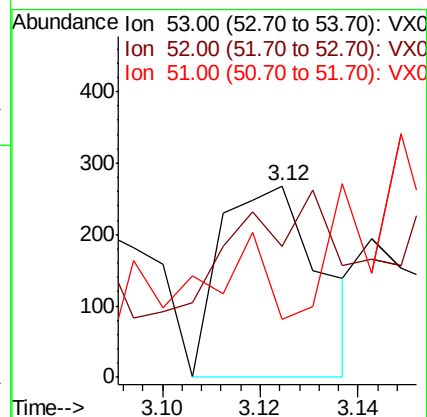
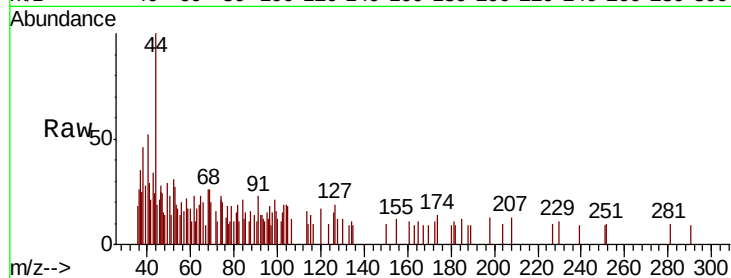
Tot Ion: 53 Resp: 378

Ion Ratio Lower Upper

53 100

52 108.7 66.6 100.0#

51 78.0 29.0 43.6#



#16

Acetone

Concen: 2.078 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015257.D

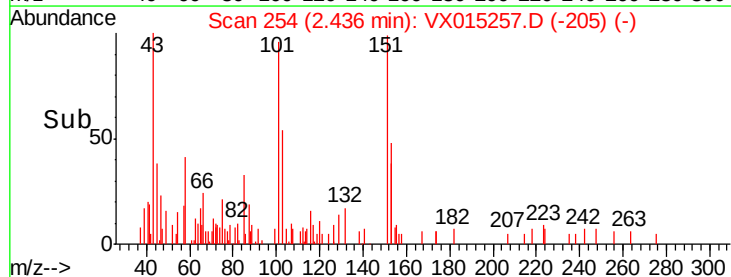
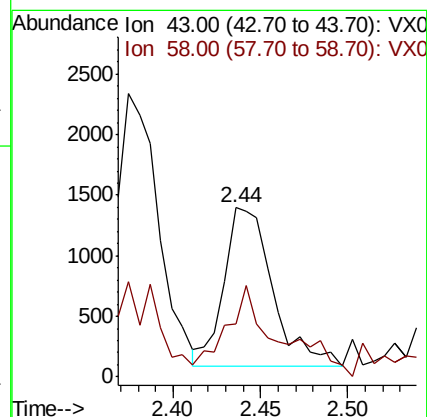
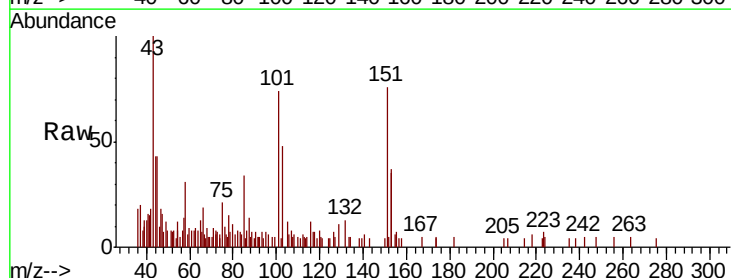
Acq: 13 Mar 2020 14:12

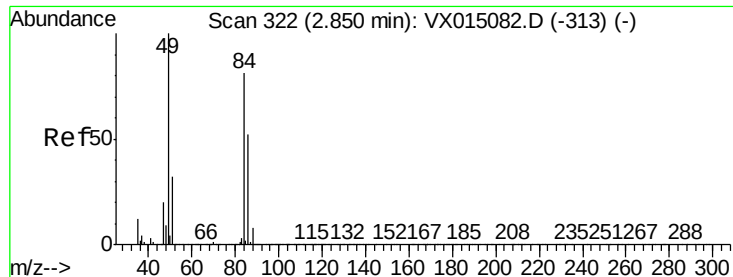
Tgt Ion: 43 Resp: 2538

Ion Ratio Lower Upper

43 100

58 26.1 24.8 37.2

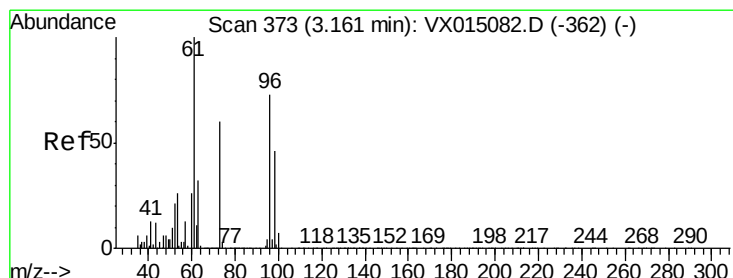
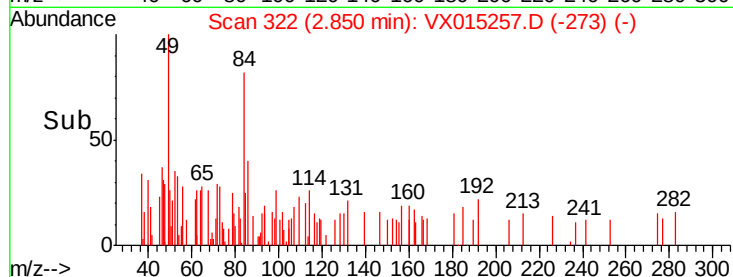
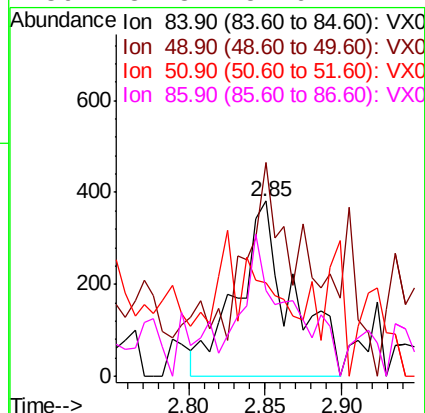
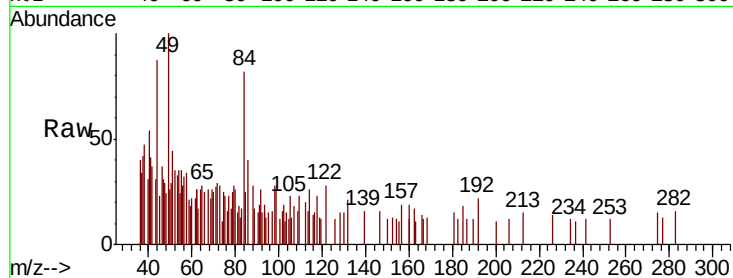




#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

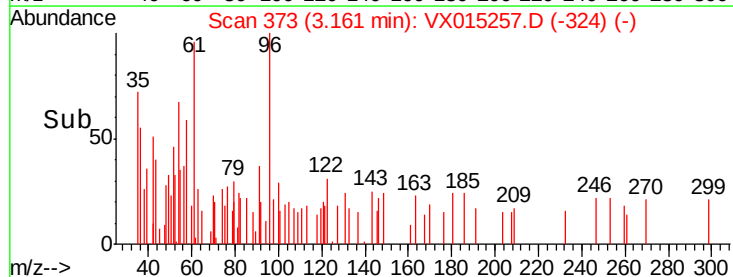
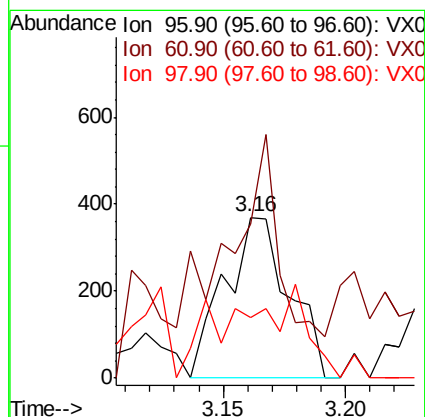
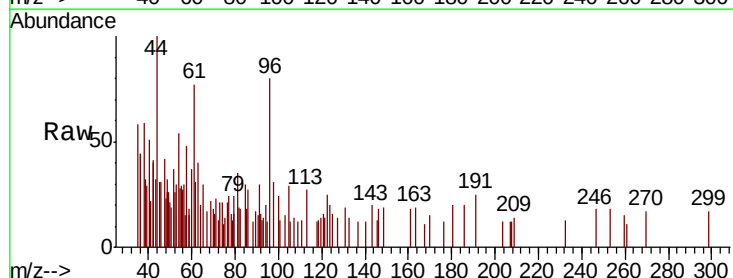
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20200309

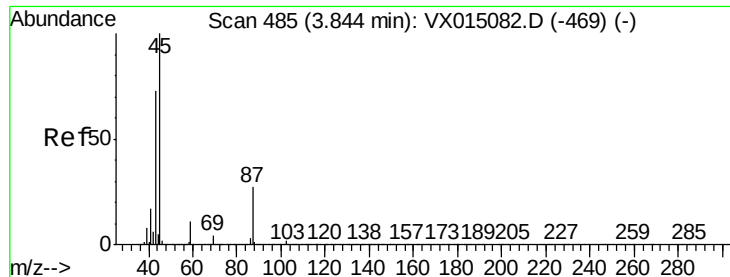
Tot Ion: 84 Resp: 932
Ion Ratio Lower Upper
84 100
49 88.2 99.4 149.2#
51 24.9 31.5 47.3#
86 31.8 51.6 77.4#



#21
trans-1,2-Dichloroethene
Concen: 0.257 ug/l
RT: 3.16 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

Tgt Ion: 96 Resp: 677
Ion Ratio Lower Upper
96 100
61 37.9 109.9 164.9#
98 37.9 50.2 75.2#

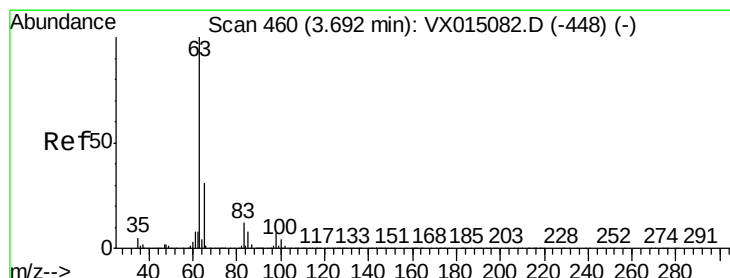
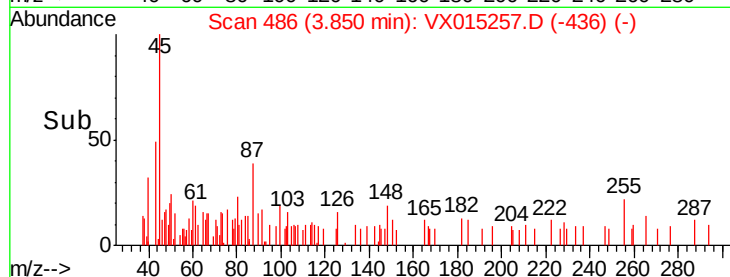
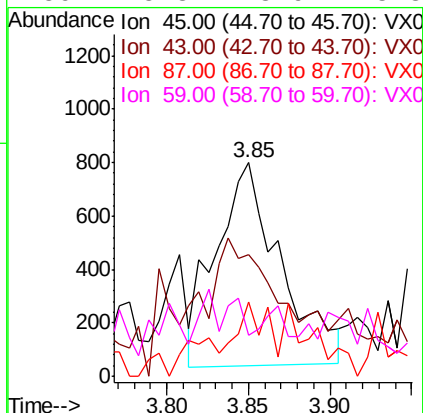
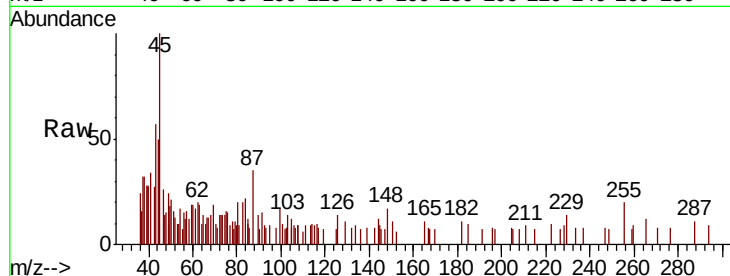




#22
Diisopropyl ether
Concen: 0.244 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.01 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

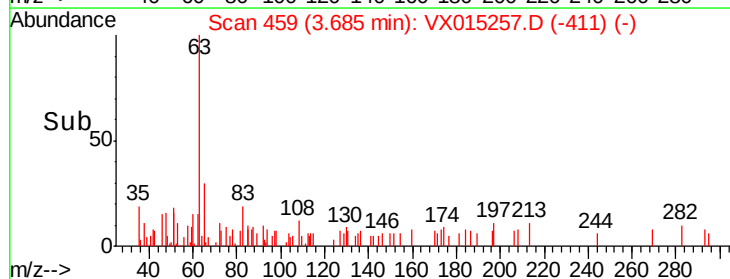
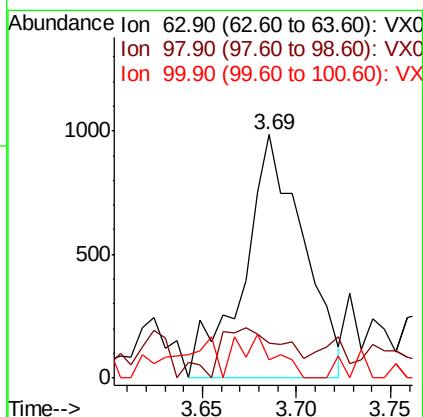
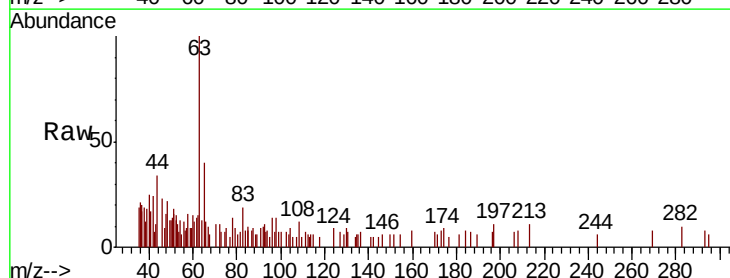
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20200309

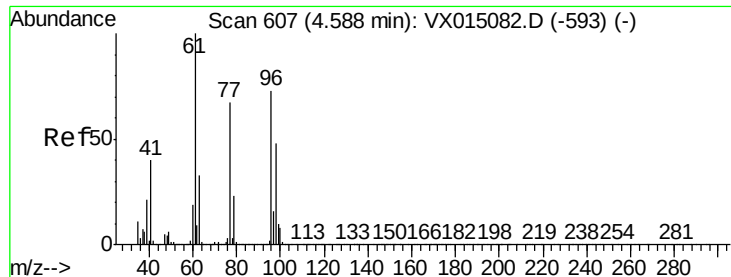
Tot Ion:	45	Resp:	2091
Ion	Ratio	Lower	Upper
45	100		
43	38.8	58.2	87.2#
87	22.8	21.2	31.8
59	5.3	8.9	13.3#



#24
1,1-Dichloroethane
Concen: 0.451 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

Tgt Ion:	63	Resp:	2146
Ion	Ratio	Lower	Upper
63	100		
98	8.9	3.7	11.1
100	0.0	2.1	6.5#



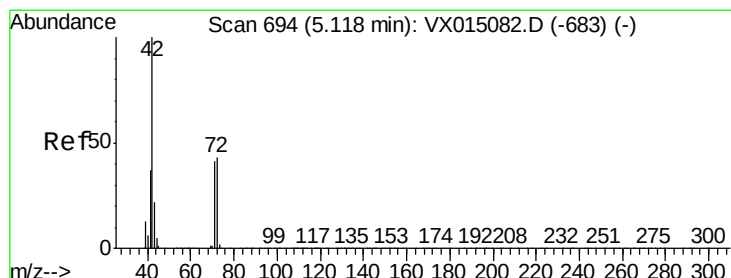
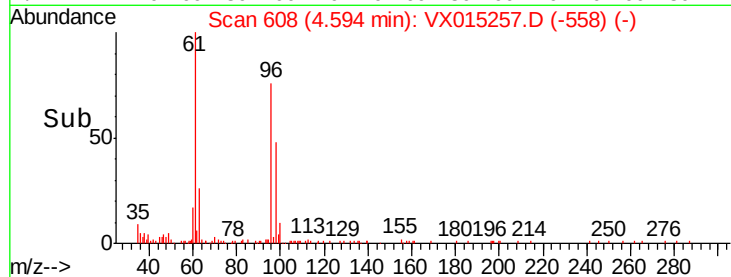
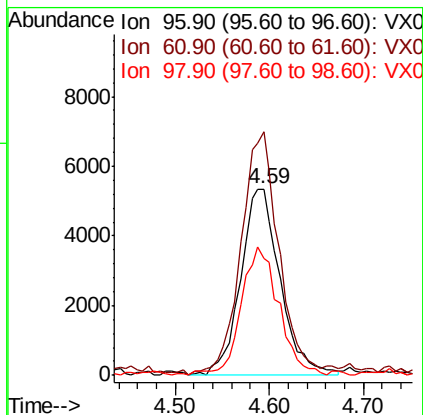
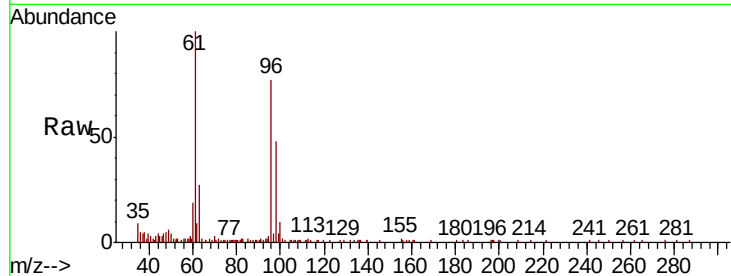


#27

cis-1,2-Dichloroethene
 Concen: 5.307 ug/l
 RT: 4.59 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX015257.D
 Acq: 13 Mar 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20200309

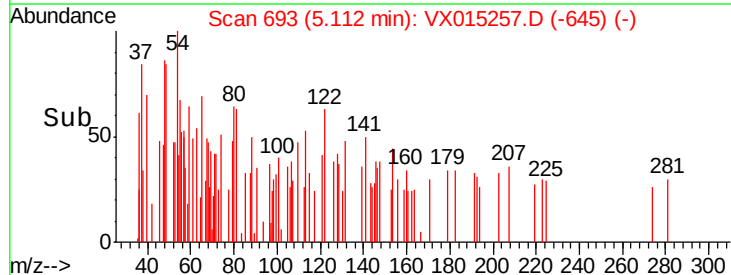
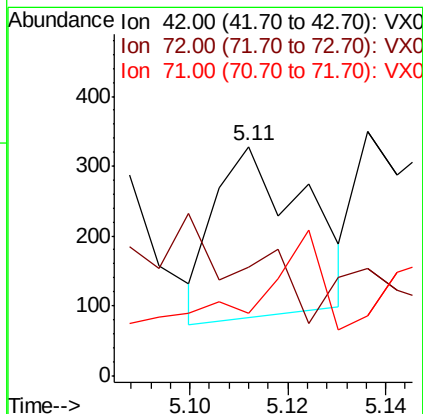
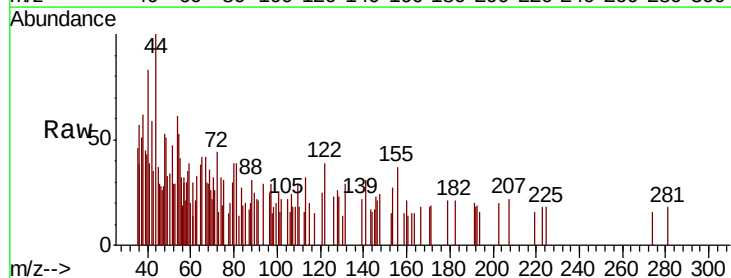
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	286.8
98	64.7	0.0	128.4

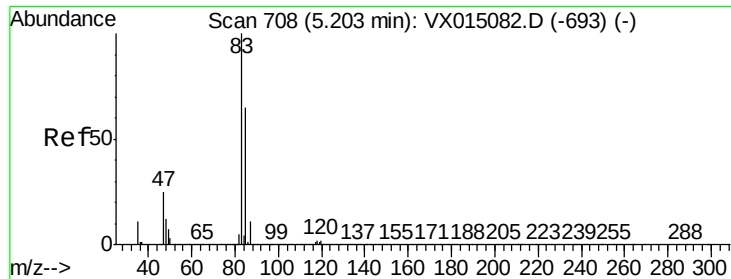


#29

Tetrahydrofuran
 Concen: 0.274 ug/l
 RT: 5.11 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: VX015257.D
 Acq: 13 Mar 2020 14:12

Tgt Ion	Ratio	Lower	Upper
42	100		
72	113.0	36.4	54.6#
71	0.0	33.3	49.9#

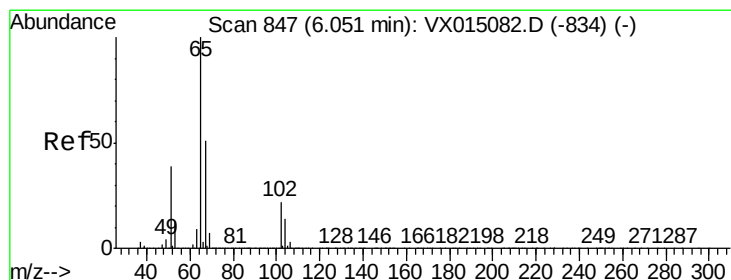
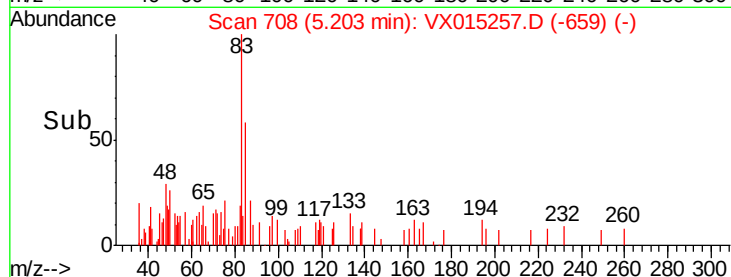
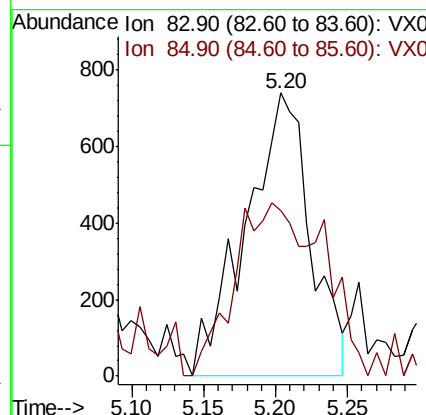
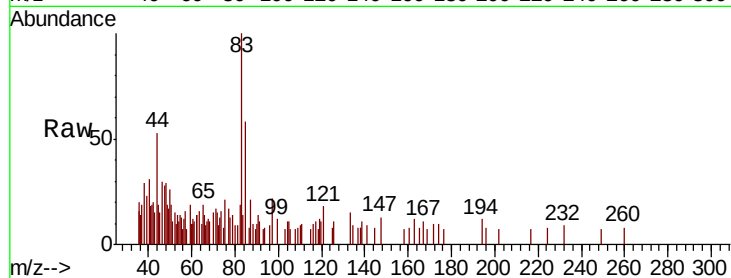




#30
Chloroform
Concen: 0.497 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

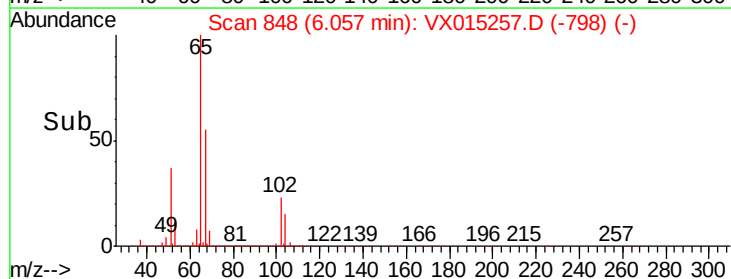
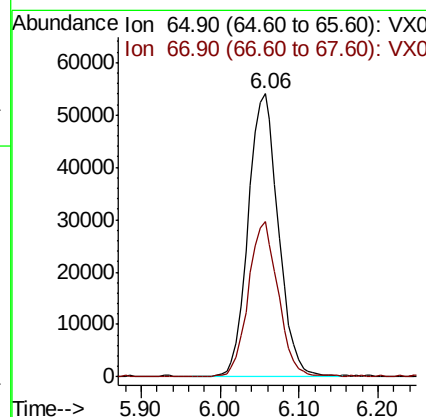
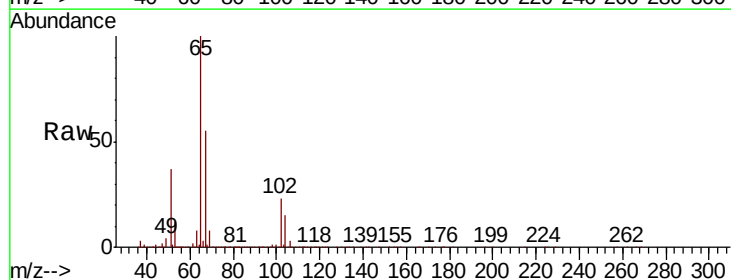
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20200309

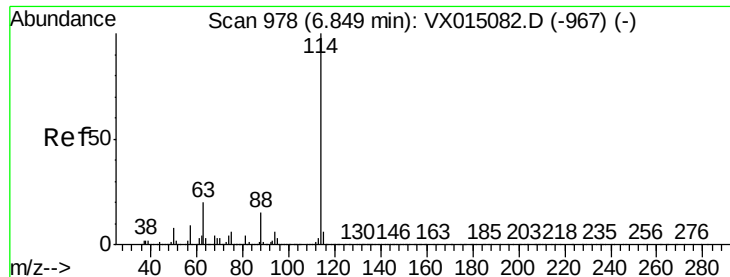
Tot Ion: 83 Resp: 2308
Ion Ratio Lower Upper
83 100
85 58.4 52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.405 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

Tgt Ion: 65 Resp: 142957
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.6

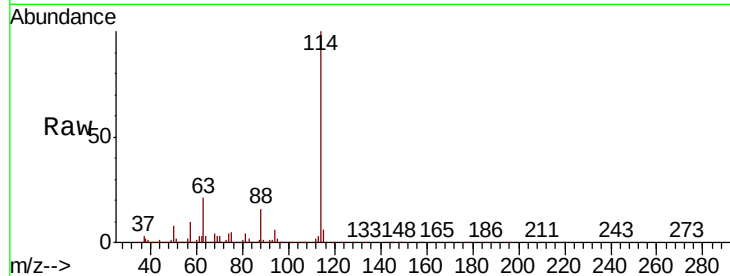




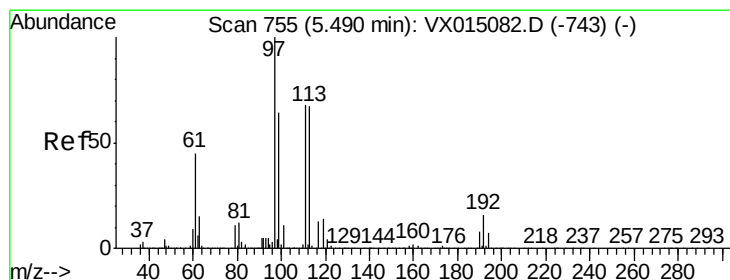
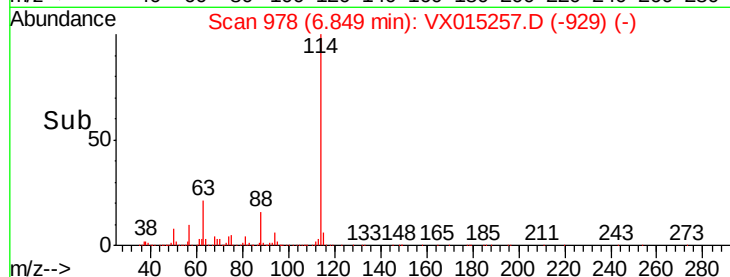
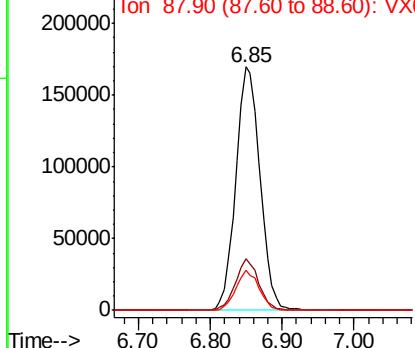
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20200309

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.0
88	16.2	0.0	30.6

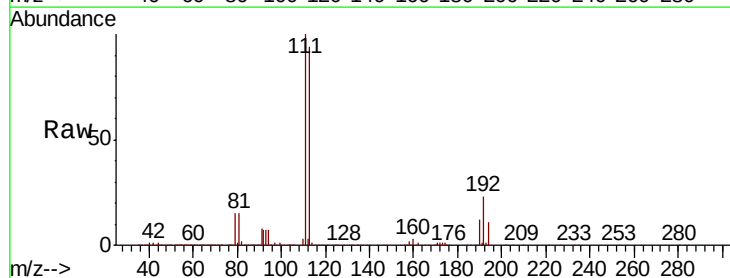


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

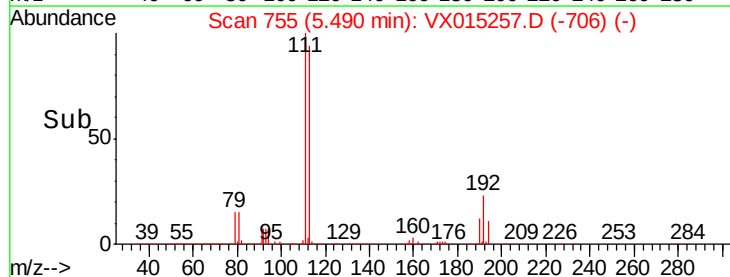
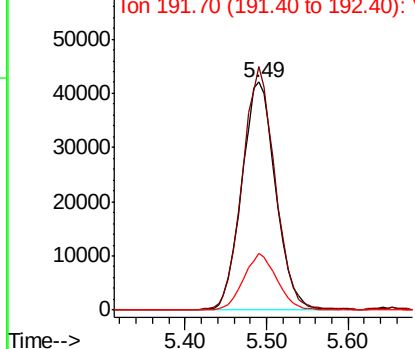


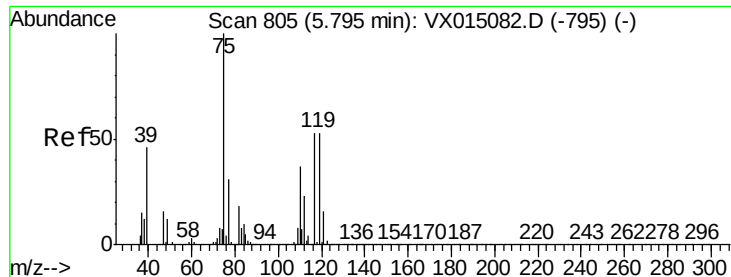
#35
Dibromofluoromethane
Concen: 48.472 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	24.4	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

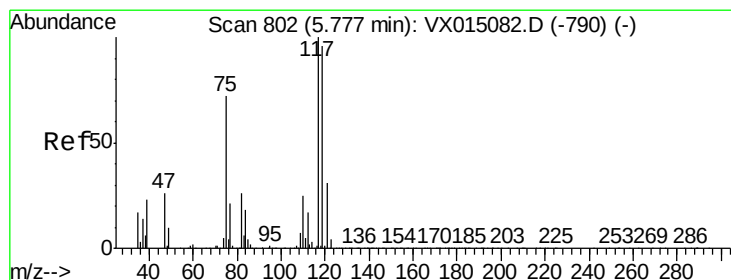
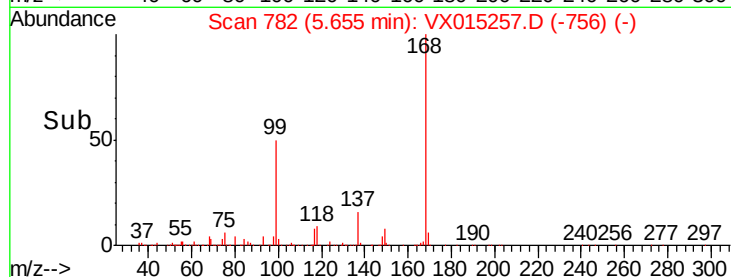
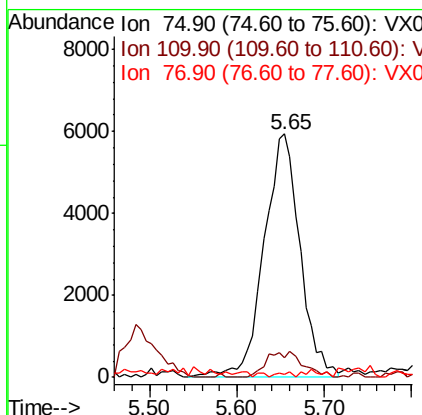
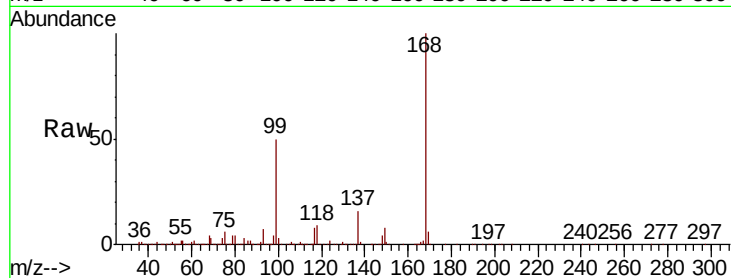




#36
 1,1-Dichloropropene
 Concen: 4.630 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.14 min
 Lab File: VX015257.D
 Acq: 13 Mar 2020 14:12

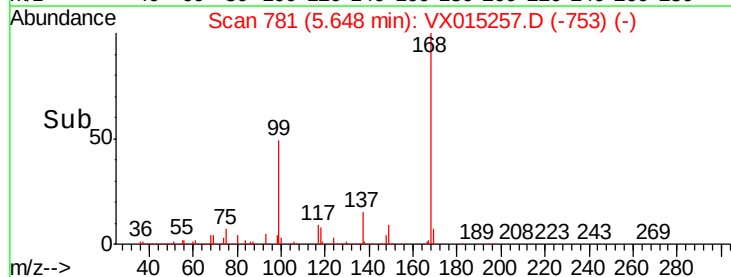
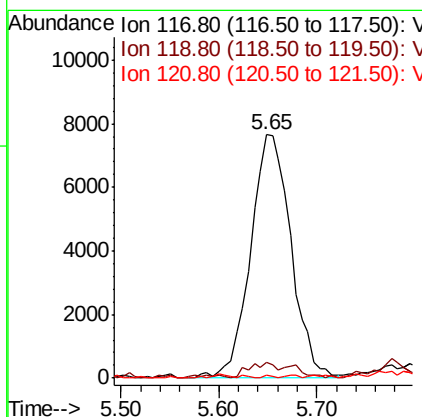
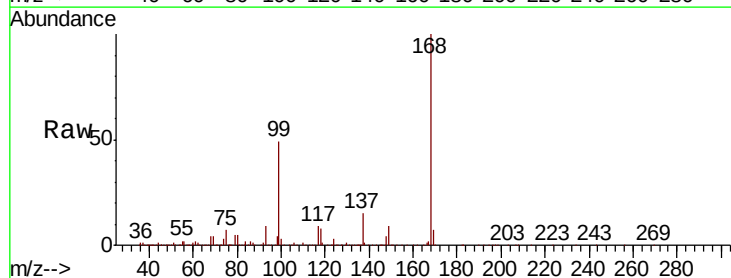
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20200309

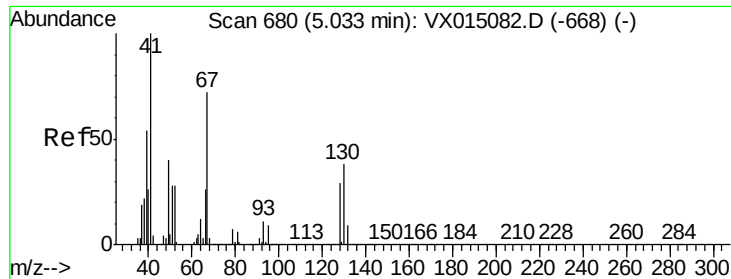
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.9	53.8#
77	0.8	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.355 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX015257.D
 Acq: 13 Mar 2020 14:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.9	115.3#
121	1.3	24.6	37.0#

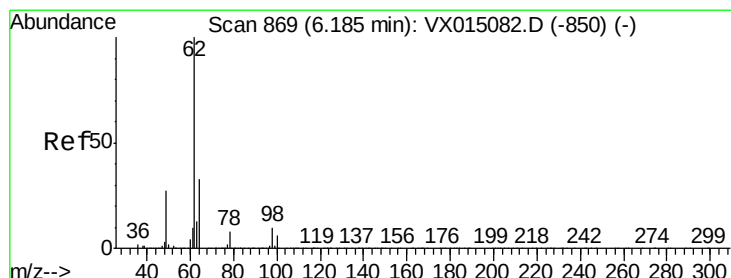
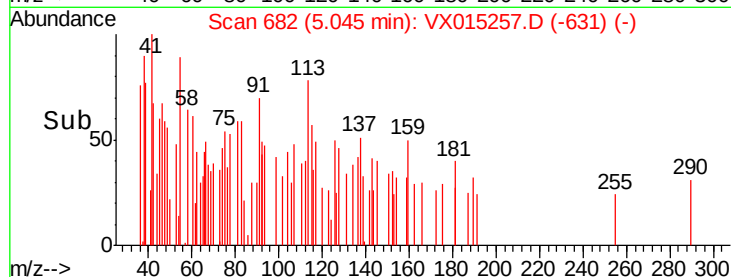
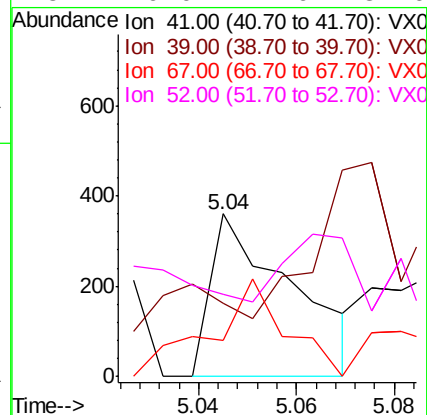
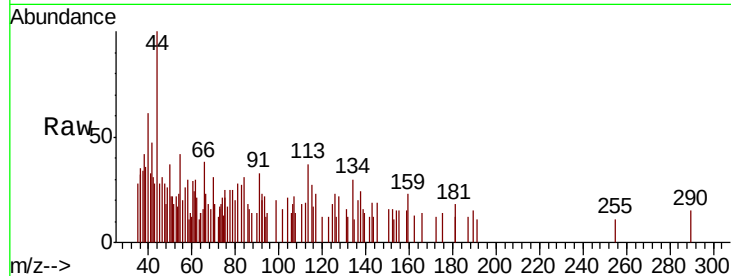




#41
Methacrylonitrile
Concen: 0.204 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.01 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

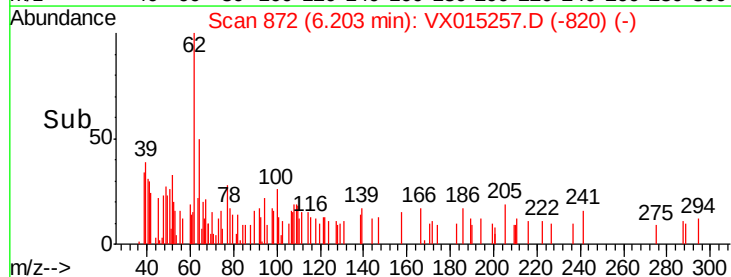
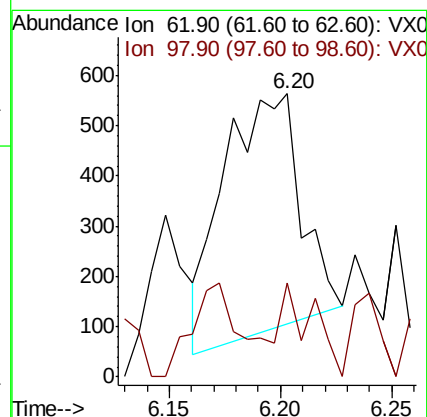
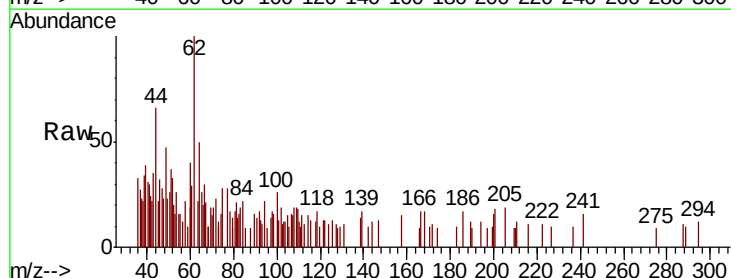
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20200309

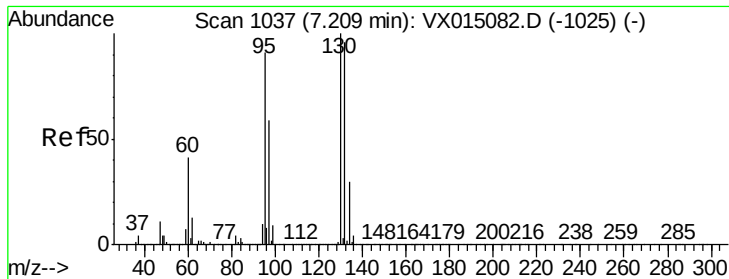
Tot Ion:	41	Resp:	416
Ion	Ratio	Lower	Upper
41	100		
39	27.6	43.9	65.9#
67	55.0	57.8	86.8#
52	0.0	22.6	34.0#



#42
1,2-Dichloroethane
Concen: 0.308 ug/l
RT: 6.20 min Scan# 872
Delta R.T. 0.02 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

Tgt Ion:	62	Resp:	1148
Ion	Ratio	Lower	Upper
62	100		
98	20.1	0.0	20.6





#44

Trichloroethene

Concen: 117.390 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

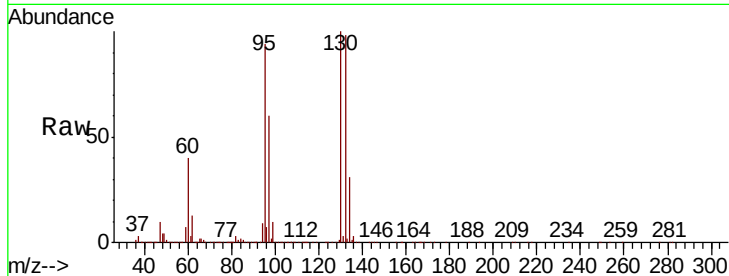
RE131D2-20200309

Tot Ion:130 Resp: 355294

Ion Ratio Lower Upper

130 100

95 93.8 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

200000 Ion 94.90 (94.60 to 95.60): VX0

150000

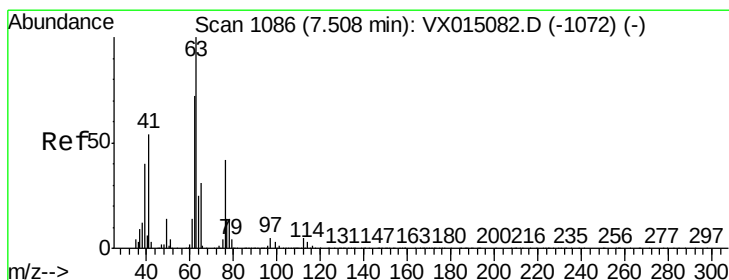
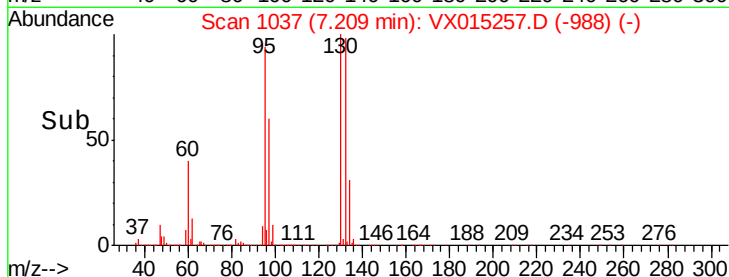
100000

50000

0

7.10 7.20 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 0.230 ug/l

RT: 7.52 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX015257.D

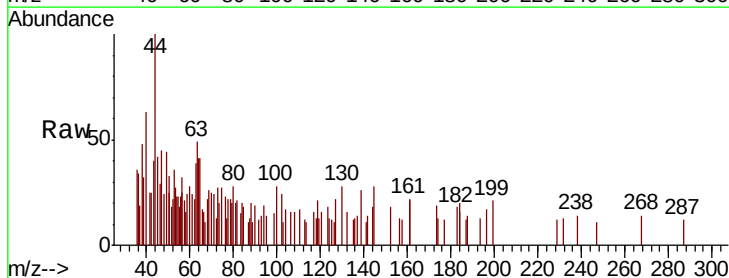
Acq: 13 Mar 2020 14:12

Tgt Ion: 63 Resp: 646

Ion Ratio Lower Upper

63 100

65 41.8 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

500 Ion 64.90 (64.60 to 65.60): VX0

400

300

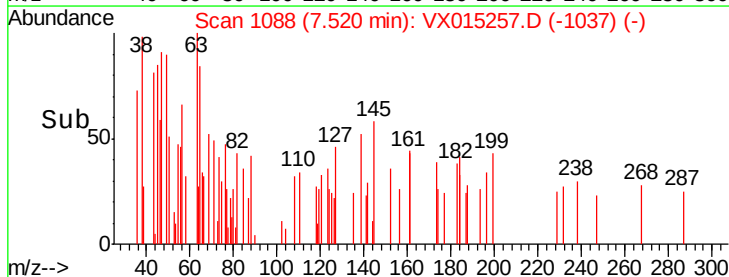
200

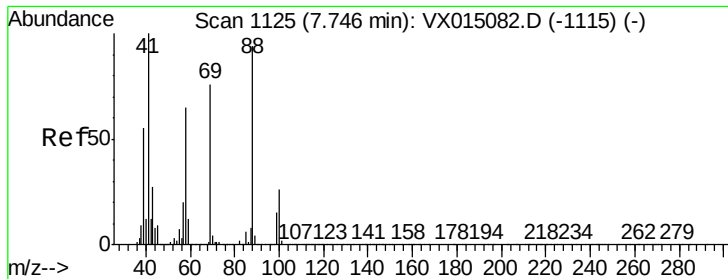
100

0

7.50 7.55

Time-->





#49

1,4-Dioxane

Concen: 29.569 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. 0.01 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20200309

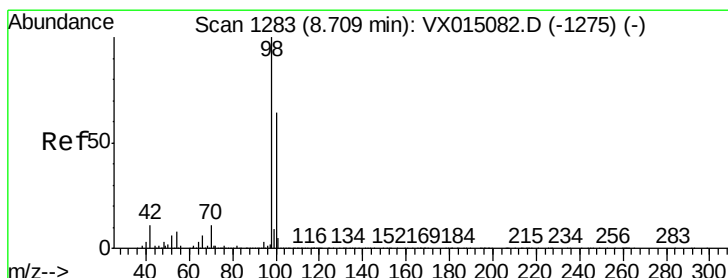
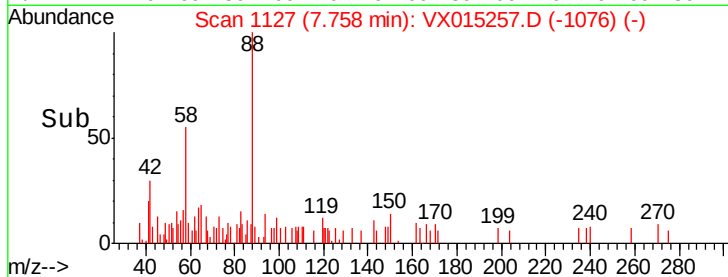
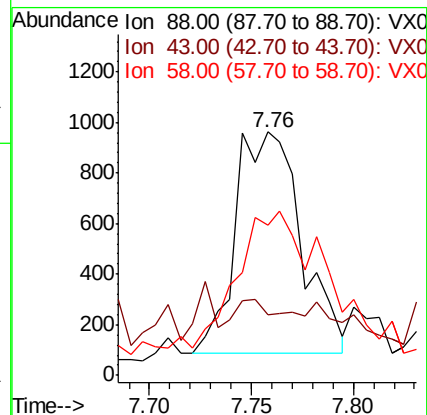
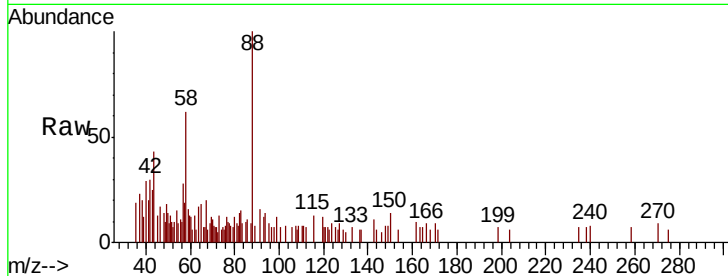
Tot Ion: 88 Resp: 1945

Ion Ratio Lower Upper

88 100

43 3.9 27.0 40.4#

58 94.3 55.6 83.4#



#50

Toluene-d8

Concen: 51.551 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015257.D

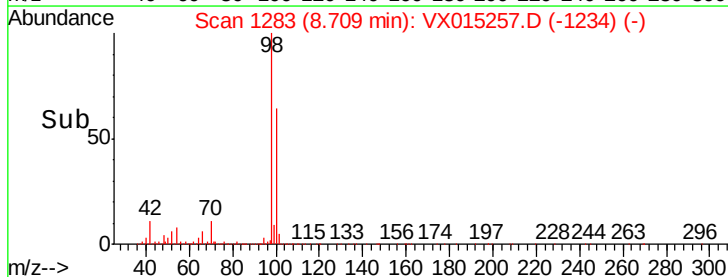
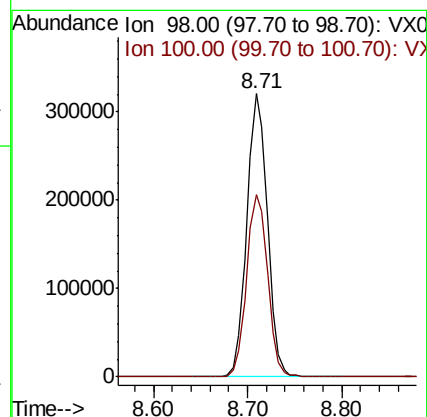
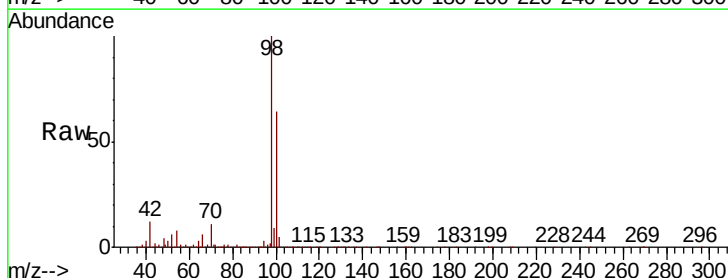
Acq: 13 Mar 2020 14:12

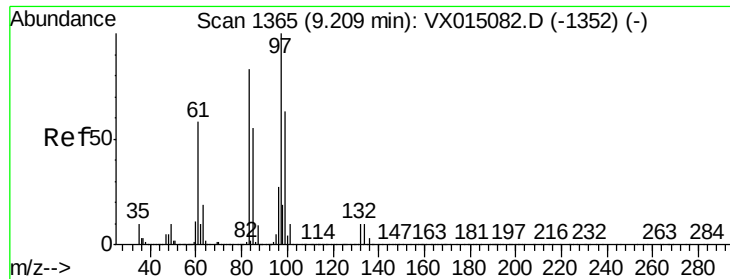
Tgt Ion: 98 Resp: 490184

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6





#55

1,1,2-Trichloroethane

Concen: 0.226 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20200309

Tot Ion: 97 Resp: 619

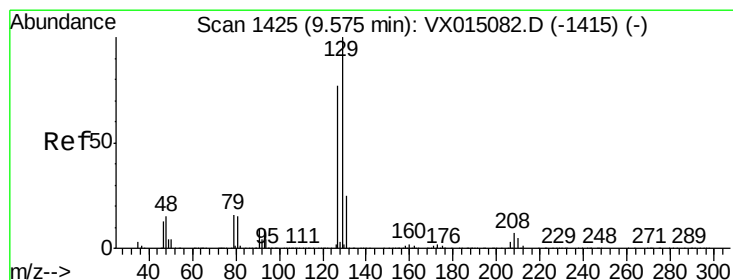
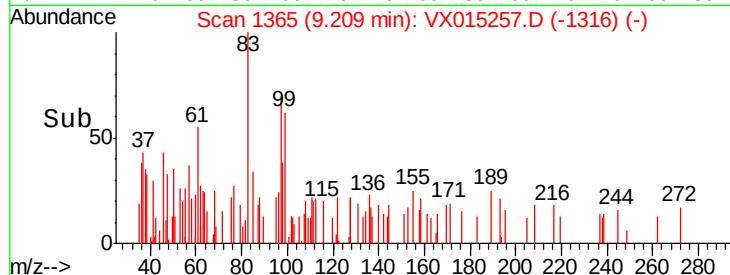
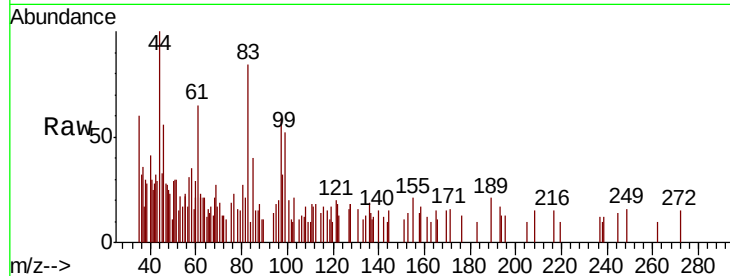
Ion Ratio Lower Upper

97 100

83 97.0 66.4 99.6

85 34.9 43.5 65.3#

99 59.2 50.7 76.1



#60

Dibromochloromethane

Concen: 14.316 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.24 min

Lab File: VX015257.D

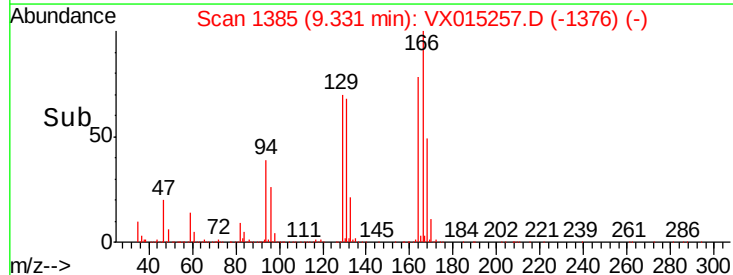
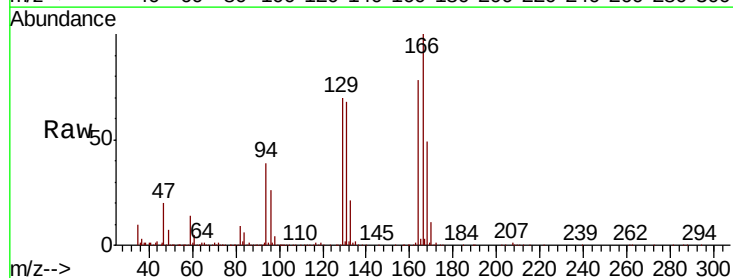
Acq: 13 Mar 2020 14:12

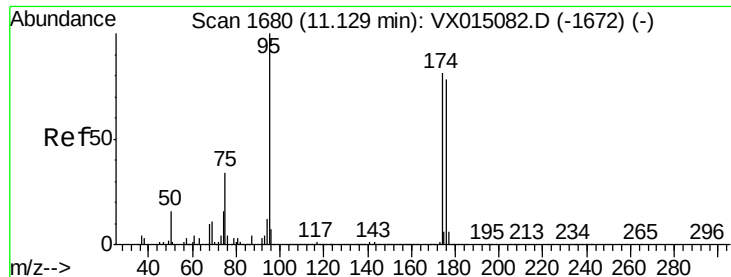
Tgt Ion: 129 Resp: 41131

Ion Ratio Lower Upper

129 100

127 0.6 38.8 116.3#





#62

4-Bromofluorobenzene

Concen: 54.733 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20200309

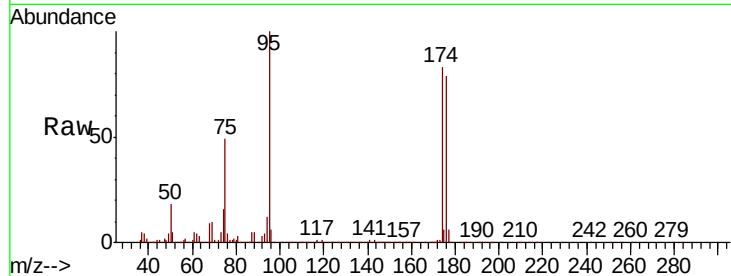
Tot Ion: 95 Resp: 185636

Ion Ratio Lower Upper

95 100

174 90.8 0.0 177.6

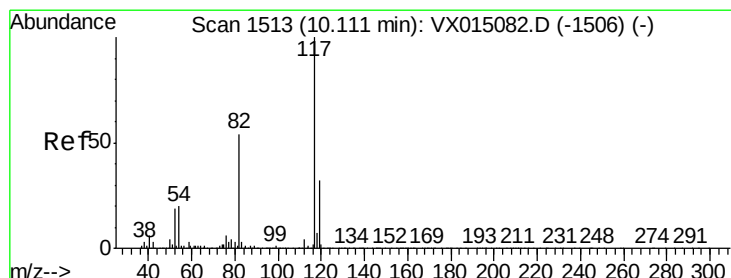
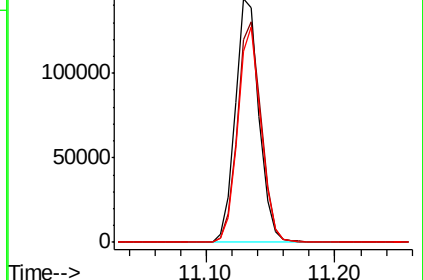
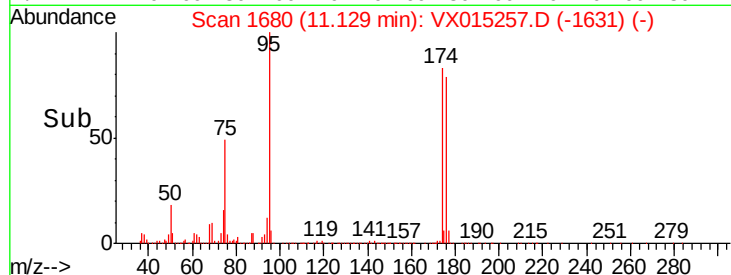
176 86.6 0.0 170.2



Abundance Ion 94.90 (94.60 to 95.60): VX015257.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX015257.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX015257.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

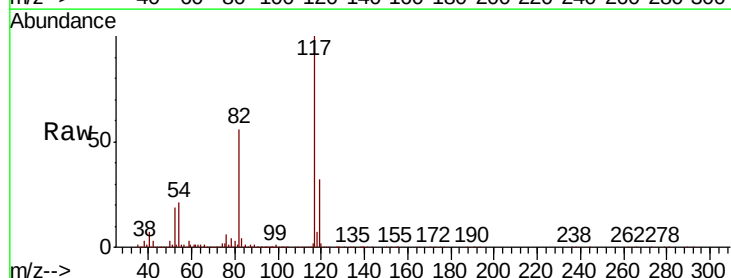
Tgt Ion: 117 Resp: 397678

Ion Ratio Lower Upper

117 100

82 56.3 43.3 64.9

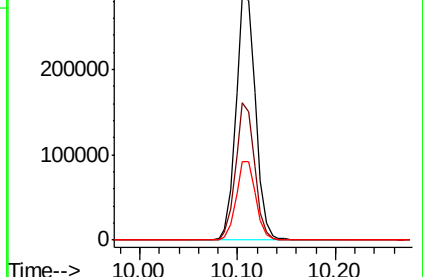
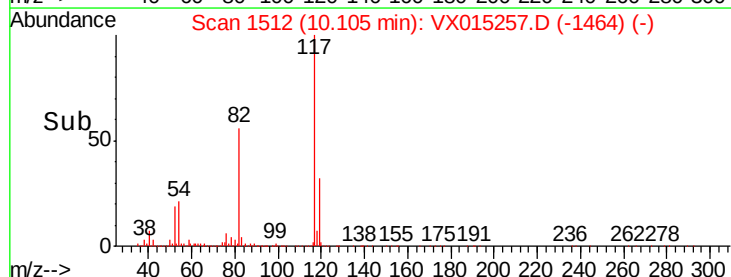
119 32.1 25.8 38.8

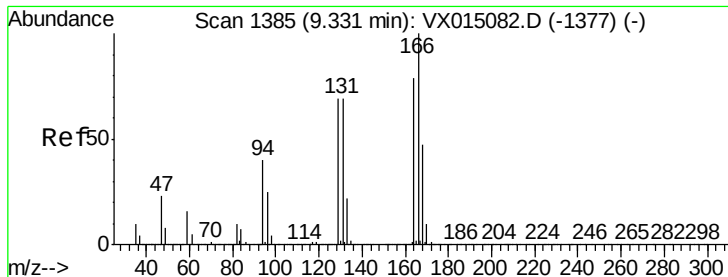


Abundance Ion 116.90 (116.60 to 117.60): VX015257.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX015257.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX015257.D (-1464) (-)





#64

Tetrachloroethene

Concen: 14.086 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20200309

Tot Ion:164 Resp: 46315

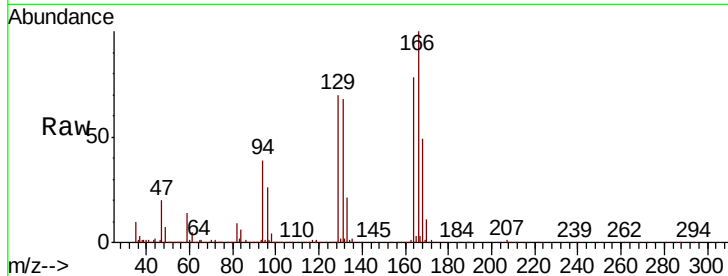
Ion Ratio Lower Upper

164 100

166 128.6 101.1 151.7

129 89.9 69.4 104.0

131 87.6 69.8 104.8

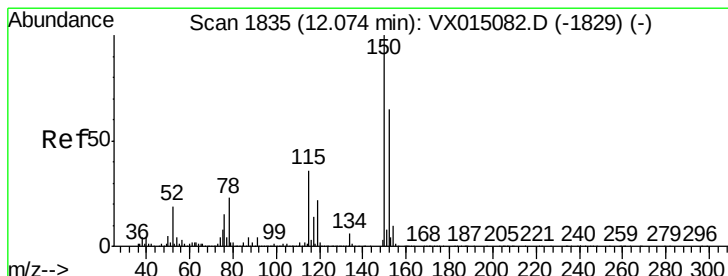
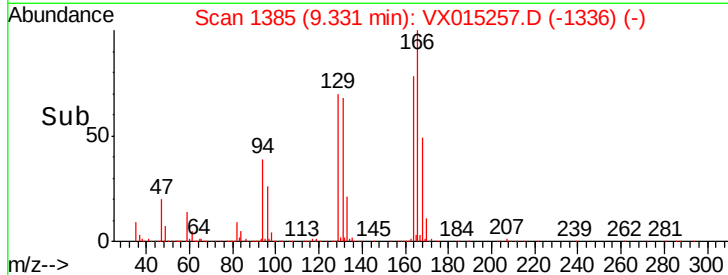
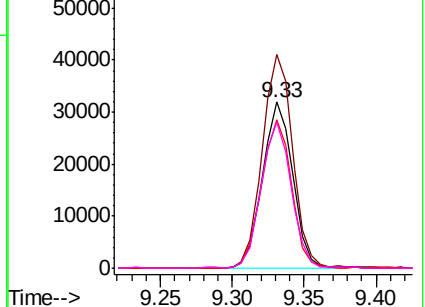


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

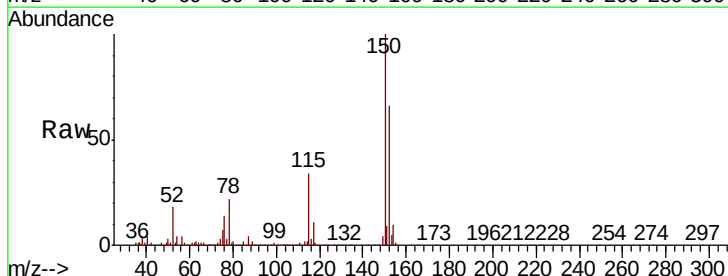
Tgt Ion:152 Resp: 206816

Ion Ratio Lower Upper

152 100

115 53.4 38.2 114.6

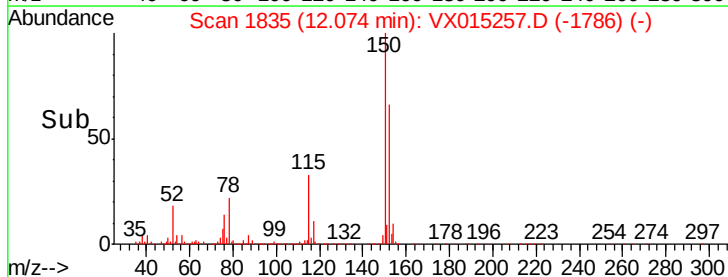
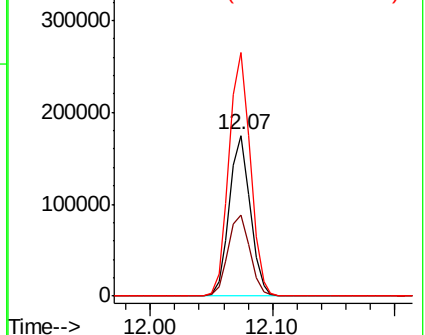
150 154.9 0.0 343.8

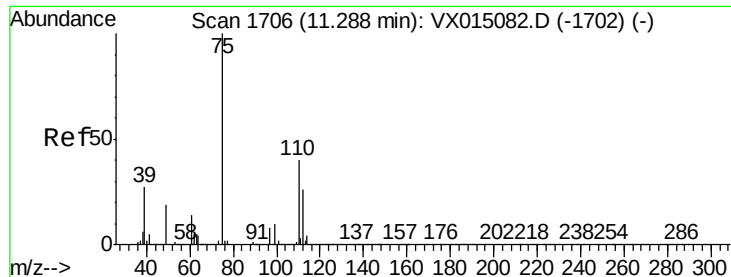


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.600 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

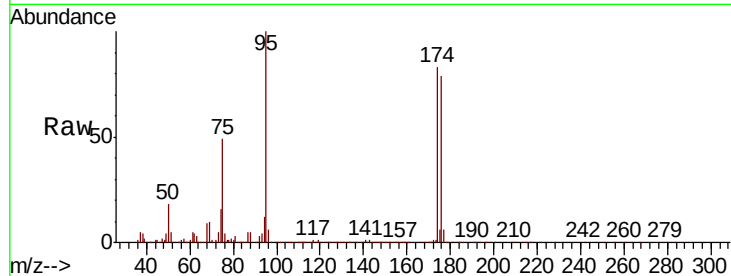
RE131D2-20200309

Tot Ion: 75 Resp: 89106

Ion Ratio Lower Upper

75 100

77 1.7 22.6 67.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

80000

60000

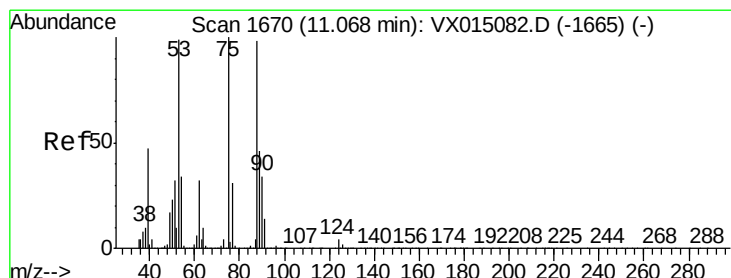
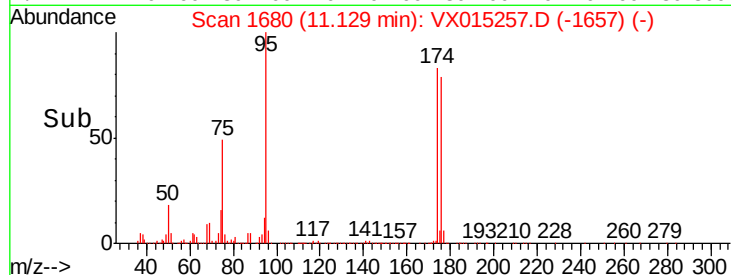
40000

20000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 61.300 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015257.D

Acq: 13 Mar 2020 14:12

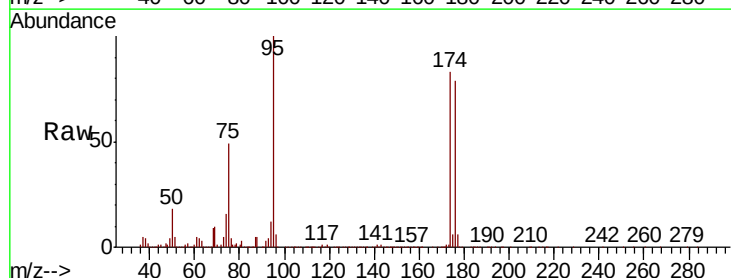
Tgt Ion: 75 Resp: 89106

Ion Ratio Lower Upper

75 100

53 0.2 77.9 116.9#

89 0.2 36.2 54.2#



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

11.13

80000

60000

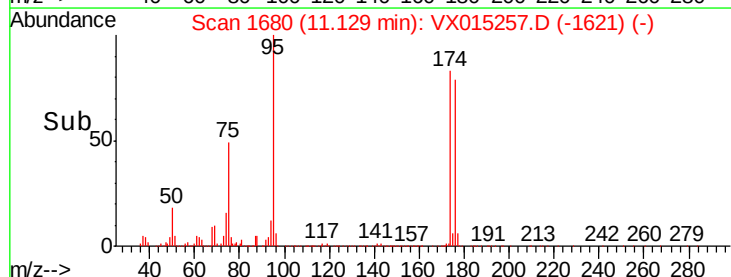
40000

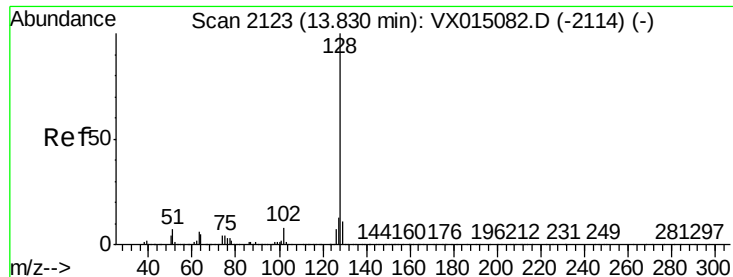
20000

0

Time-->

11.10 11.20





#95
Naphthalene
Concen: 1.462 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015257.D
Acq: 13 Mar 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20200309

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	43.5	8.6	13.0#

