

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017064.D
 Acq On : 30 Jun 2020 23:36
 Operator : JC/SP
 Sample : PB129852TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129852TB

Quant Time: Jul 01 08:18:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	240880	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153354	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	5.46	113	130741	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.70	98	497541	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
62) 4-Bromofluorobenzene	11.12	95	206759	56.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	487	0.209	ug/l	99
5) Bromomethane	1.64	94	484	0.350	ug/l #	42
8) Diethyl Ether	2.17	74	308	0.600	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.37	101	693	0.299	ug/l	91
10) Methyl Iodide	2.50	142	622	0.208	ug/l #	80
11) Tert butyl alcohol	3.00	59	1942	3.428	ug/l #	77
12) 1,1-Dichloroethene	2.37	96	509	0.214	ug/l #	33
13) Acrolein	2.27	56	474	1.400	ug/l #	25
15) Acrylonitrile	3.12	53	813	0.597	ug/l #	87
16) Acetone	2.42	43	11132	10.021	ug/l	97
17) Carbon Disulfide	2.55	76	4069	0.634	ug/l	96
18) Methyl Acetate	2.75	43	2434	0.839	ug/l	91
20) Methylene Chloride	2.83	84	10935	3.565	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	794	0.300	ug/l #	70
25) 2-Butanone	4.65	43	5237	2.829	ug/l #	89
36) 1,1-Dichloropropene	5.78	75	1148	0.304	ug/l #	69
37) Ethyl Acetate	4.65	43	5237	1.366	ug/l #	77
38) Carbon Tetrachloride	5.63	117	23389	5.619	ug/l #	19
39) Methylcyclohexane	7.44	83	1204	0.286	ug/l	92
43) Isopropyl Acetate	6.42	43	55493	8.709	ug/l	98
48) Methyl methacrylate	7.85	41	96078	31.738	ug/l #	43
49) 1,4-Dioxane	7.71	88	21	0.306	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	53767	14.156	ug/l #	46
52) Toluene	8.77	92	1700	0.245	ug/l	95
54) cis-1,3-Dichloropropene	8.59	75	23947	5.046	ug/l #	63
59) 2-Hexanone	9.42	43	51452	18.548	ug/l #	23
64) Tetrachloroethene	9.32	164	889	0.259	ug/l #	79
68) m/p-Xylenes	10.34	106	1577	0.280	ug/l	94
74) N-amyl acetate	10.81	43	2747	0.466	ug/l #	53
76) 1,2,3-Trichloropropane	11.12	75	101680	24.523	ug/l #	37
78) n-propylbenzene	11.34	91	3830	0.245	ug/l	89
79) 2-Chlorotoluene	11.40	91	2015	0.213	ug/l	93
80) 1,3,5-Trimethylbenzene	11.49	105	4189	0.366	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.12	75	101680	63.505	ug/l #	13

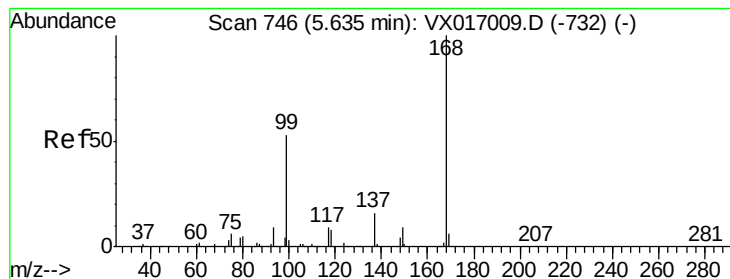
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017064.D
 Acq On : 30 Jun 2020 23:36
 Operator : JC/SP
 Sample : PB129852TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB129852TB

Quant Time: Jul 01 08:18:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.49	91	2954	0.261	ug/l	97
85) sec-Butylbenzene	11.93	105	2822	0.213	ug/l	100
86) p-Isopropyltoluene	12.05	119	3086	0.251	ug/l #	67
87) 1,3-Dichlorobenzene	12.01	146	2144	0.311	ug/l	97
89) n-Butylbenzene	12.37	91	4586	0.417	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	1395	0.216	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	2437	0.554	ug/l	96
94) Hexachlorobutadiene	13.77	225	1278	1.597	ug/l	96
95) Naphthalene	13.82	128	3776	0.282	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.00	180	1956	0.460	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

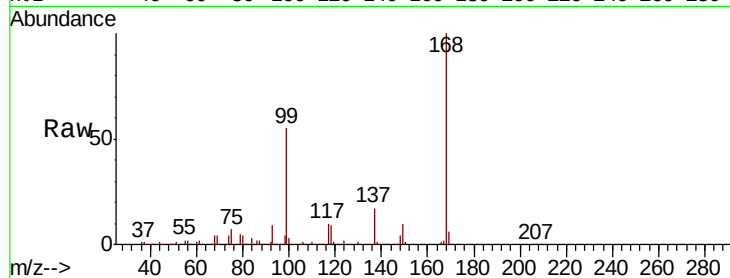
PB129852TB

Tot Ion:168 Resp: 240880

Ion Ratio Lower Upper

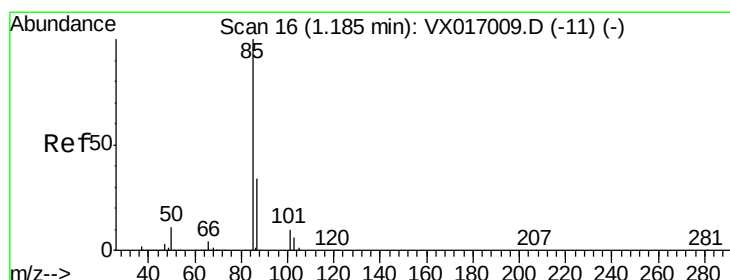
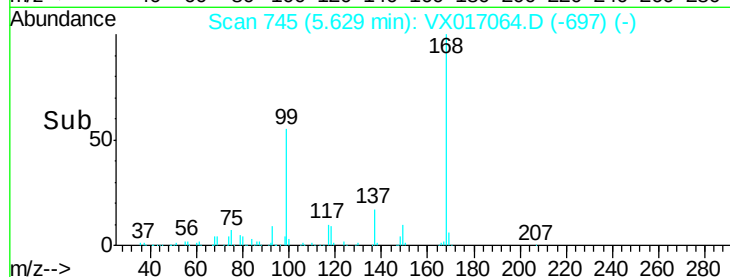
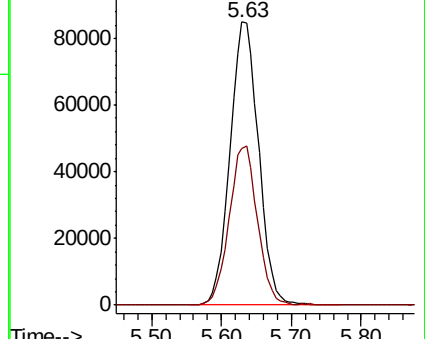
168 100

99 55.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.209 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017064.D

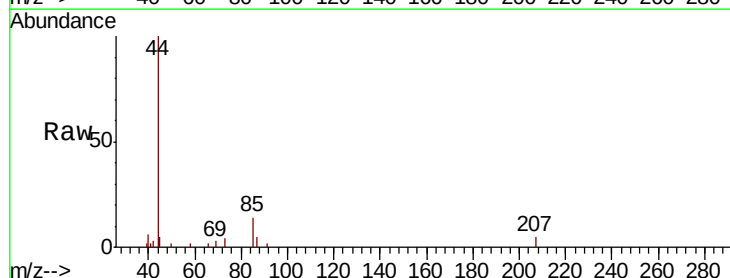
Acq: 30 Jun 2020 23:36

Tgt Ion: 85 Resp: 487

Ion Ratio Lower Upper

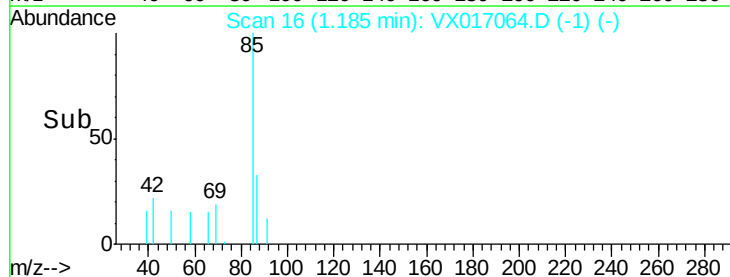
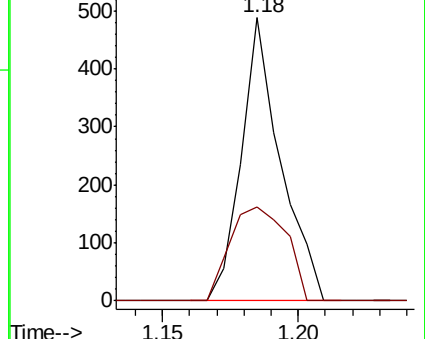
85 100

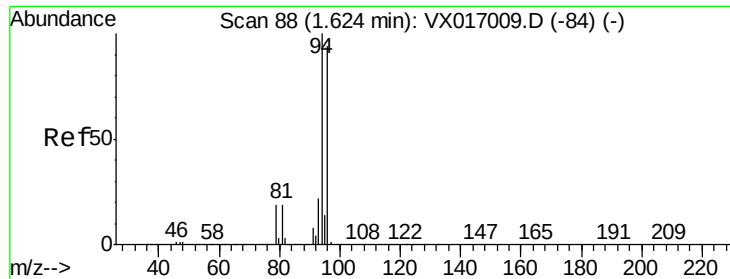
87 33.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.350 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

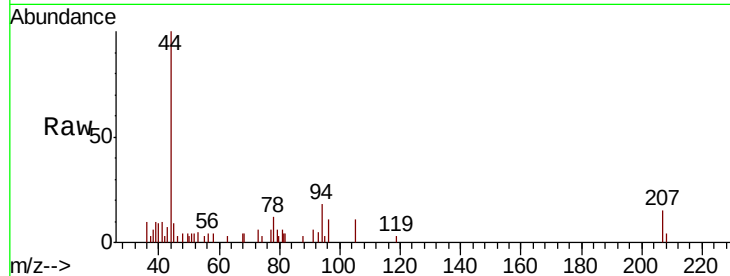
PB129852TB

Tot Ion: 94 Resp: 484

Ion Ratio Lower Upper

94 100

96 37.6 75.0 112.4#

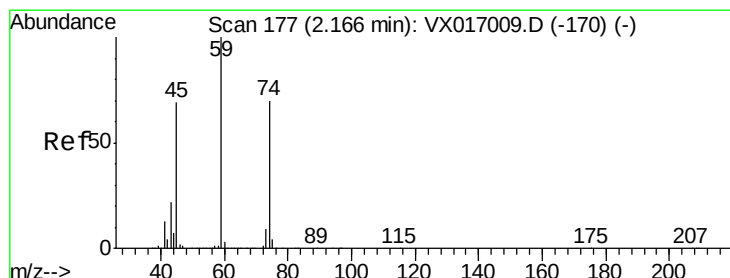
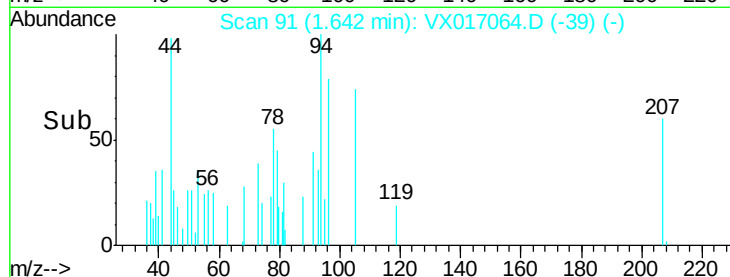


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



#8

Diethyl Ether

Concen: 0.600 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017064.D

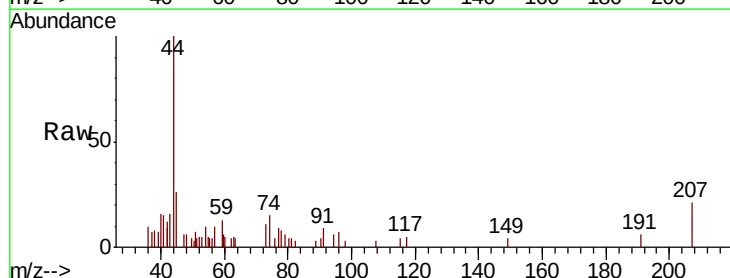
Acq: 30 Jun 2020 23:36

Tgt Ion: 74 Resp: 308

Ion Ratio Lower Upper

74 100

45 112.7 49.8 149.3

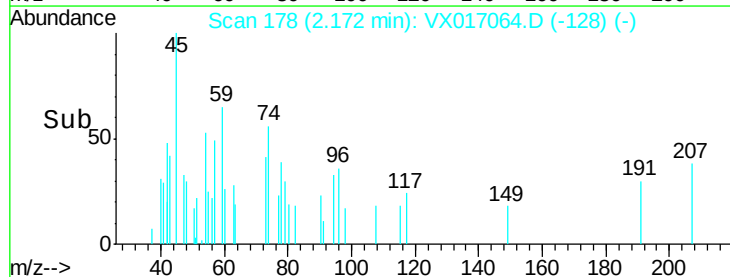


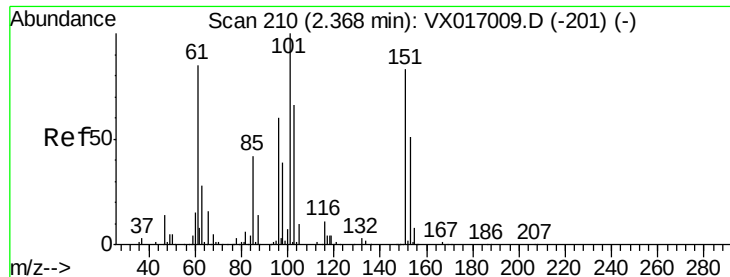
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.299 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

PB129852TB

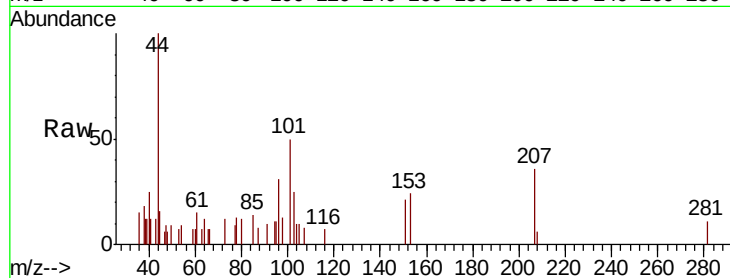
Tot Ion:101 Resp: 693

Ion Ratio Lower Upper

101 100

85 46.6 33.5 50.3

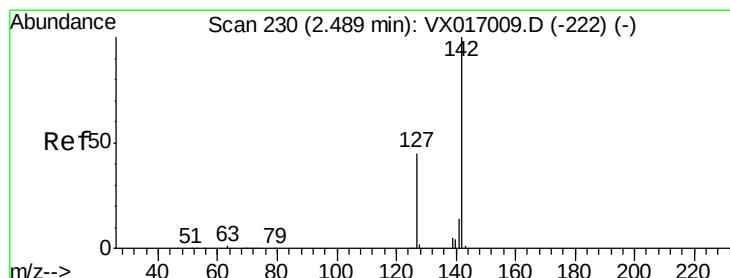
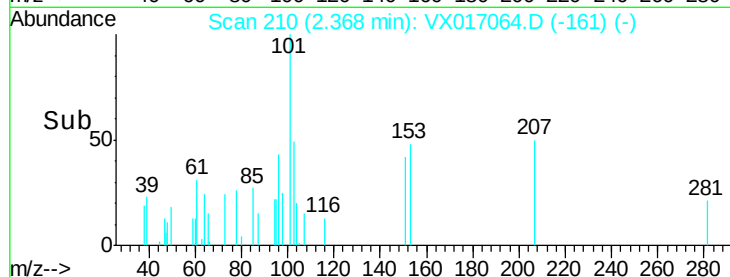
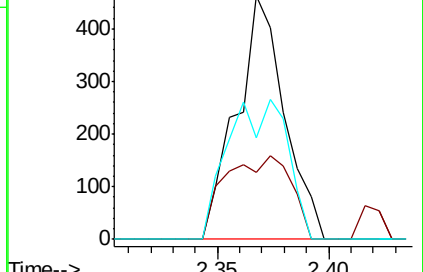
151 71.3 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.208 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

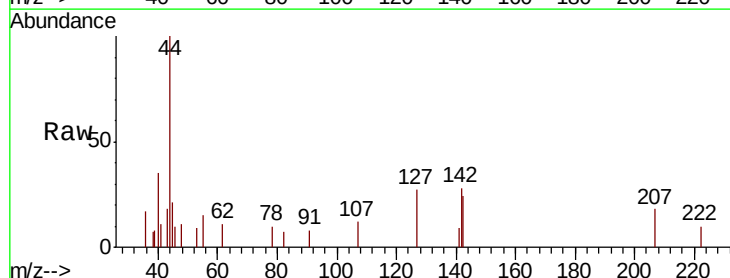
Tgt Ion:142 Resp: 622

Ion Ratio Lower Upper

142 100

127 62.4 36.6 54.8#

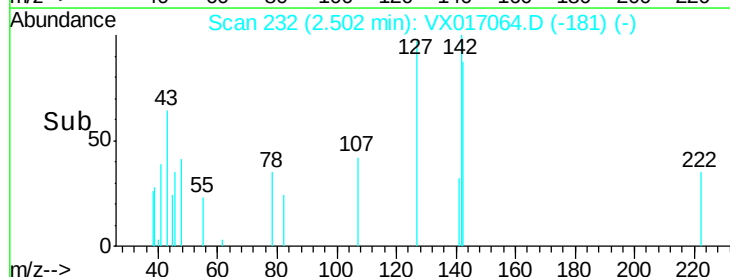
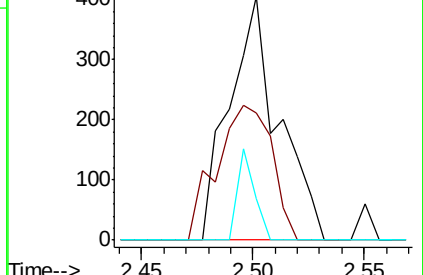
141 13.0 11.6 17.4

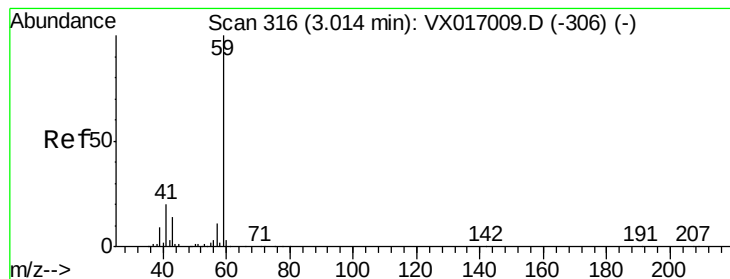


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 3.428 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampled :

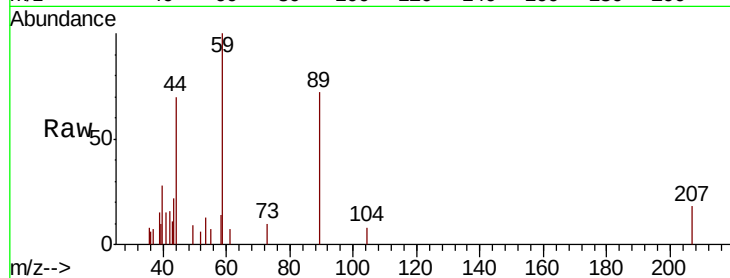
PB129852TB

Tot Ion: 59 Resp: 1942

Ion Ratio Lower Upper

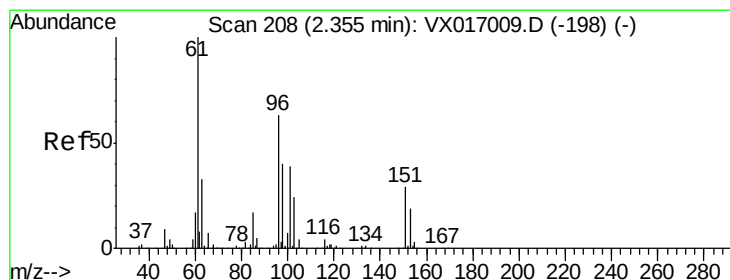
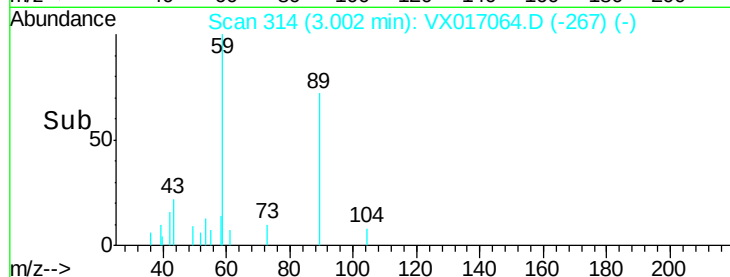
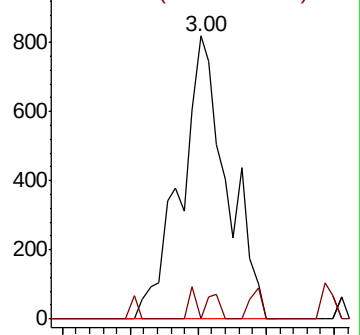
59 100

57 1.8 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 0.214 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

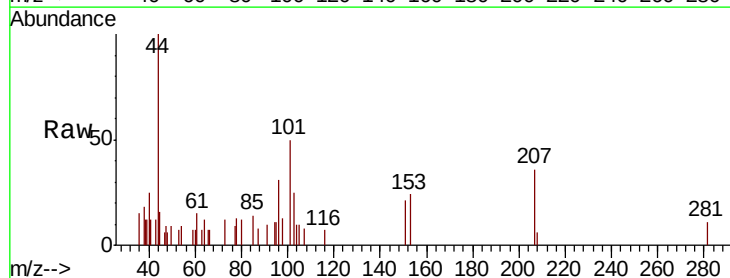
Tgt Ion: 96 Resp: 509

Ion Ratio Lower Upper

96 100

61 50.2 126.3 189.5#

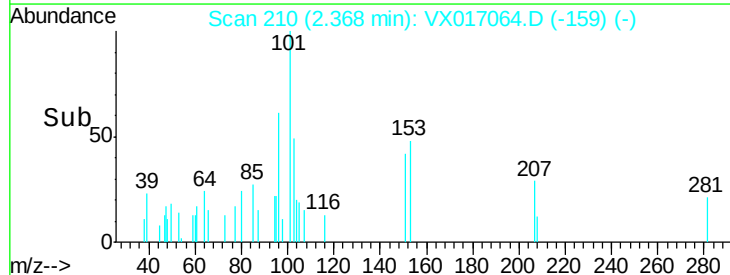
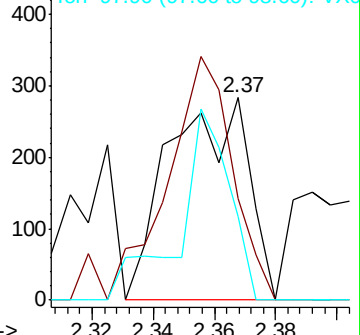
98 41.7 51.0 76.6#

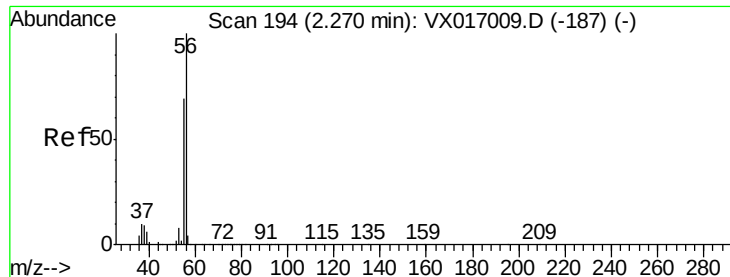


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 1.400 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampled :

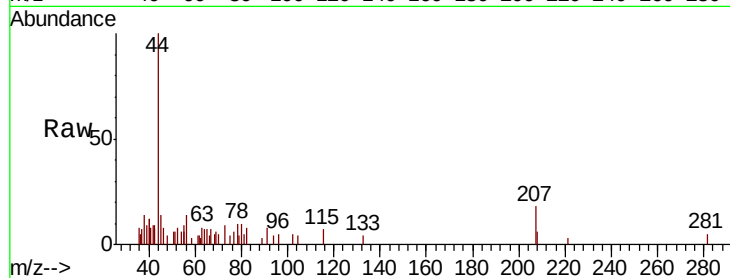
PB129852TB

Tot Ion: 56 Resp: 474

Ion Ratio Lower Upper

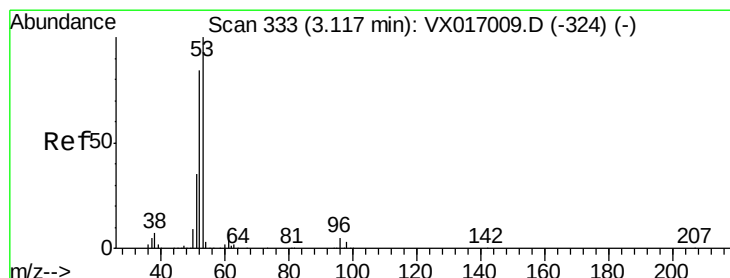
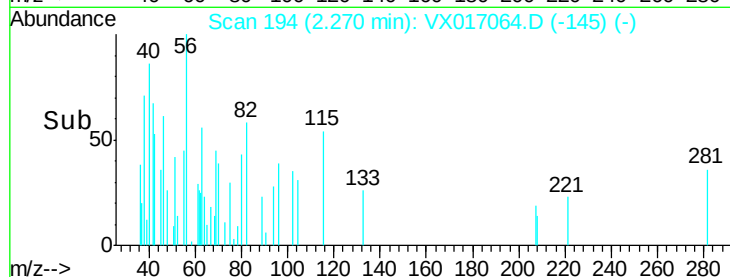
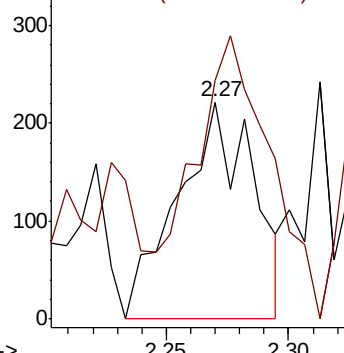
56 100

55 130.8 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 0.597 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

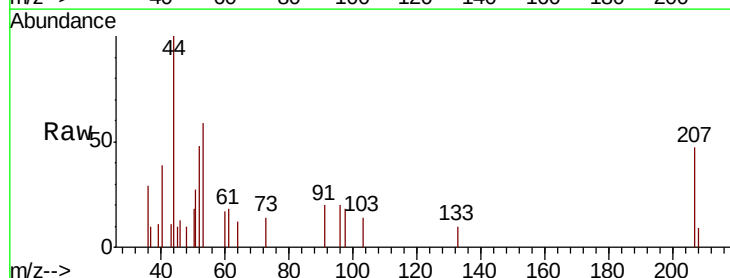
Tgt Ion: 53 Resp: 813

Ion Ratio Lower Upper

53 100

52 90.8 65.6 98.4

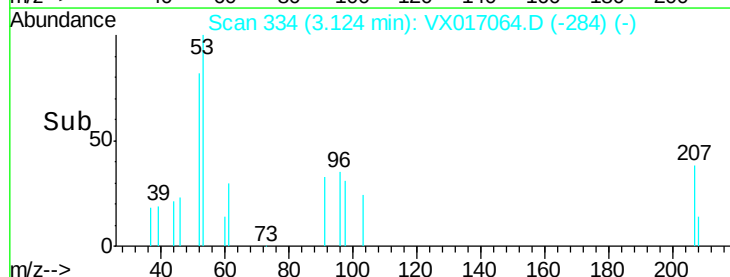
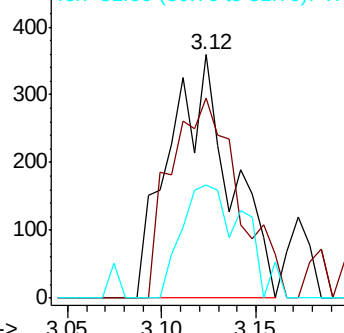
51 47.0 28.3 42.5#

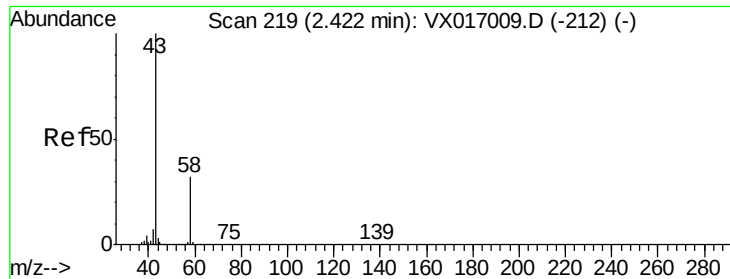


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#16

Acetone

Concen: 10.021 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

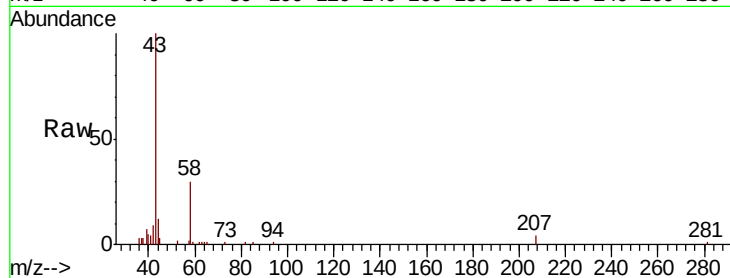
PB129852TB

Tot Ion: 43 Resp: 11132

Ion Ratio Lower Upper

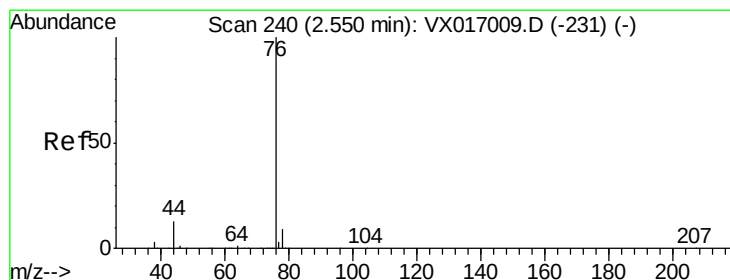
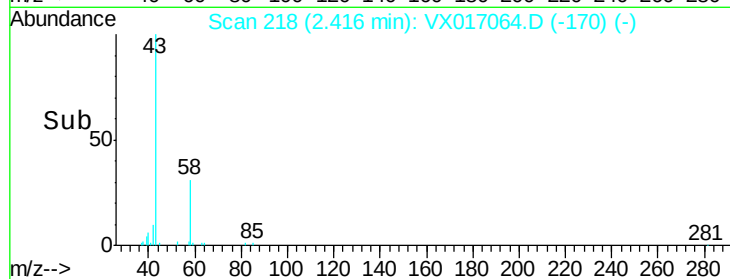
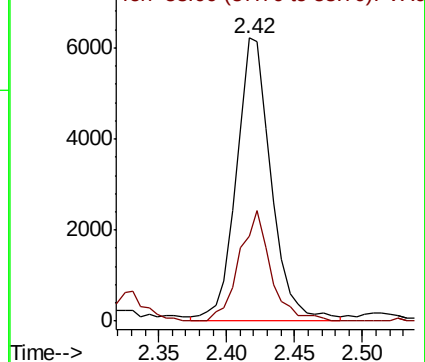
43 100

58 30.6 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.634 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017064.D

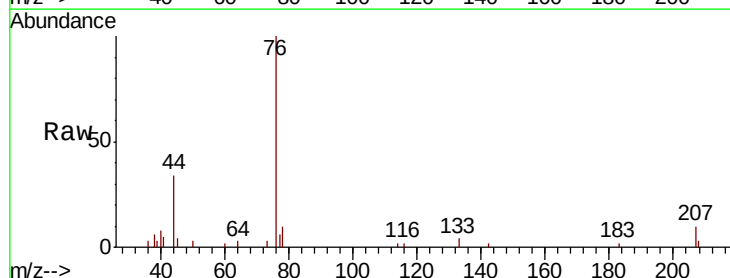
Acq: 30 Jun 2020 23:36

Tgt Ion: 76 Resp: 4069

Ion Ratio Lower Upper

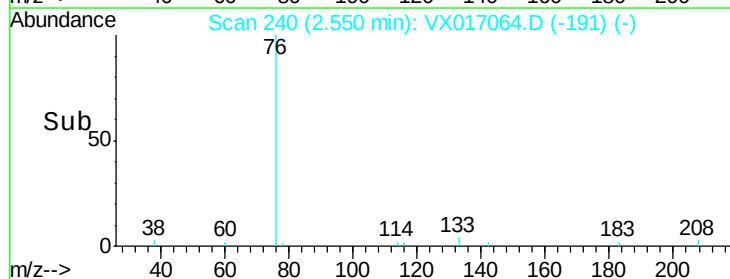
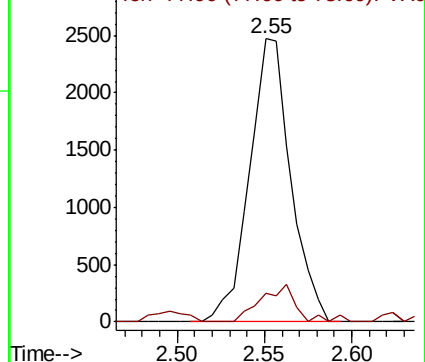
76 100

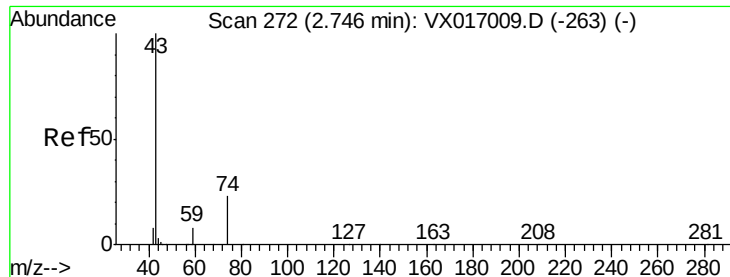
78 7.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

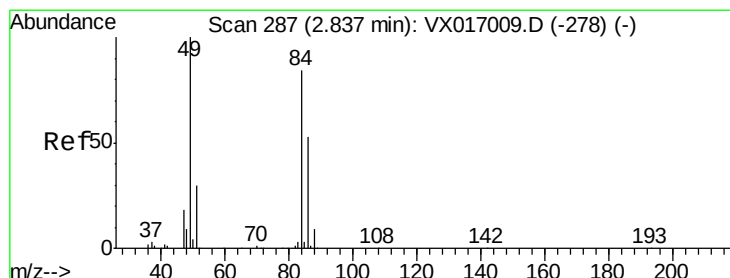
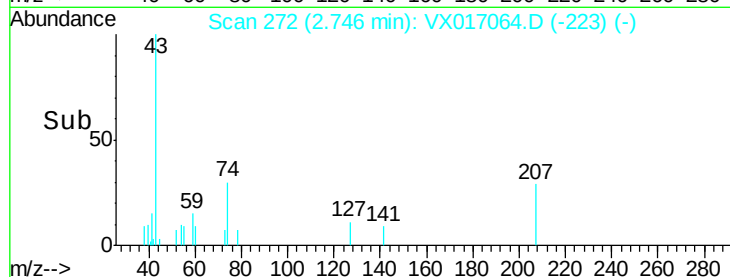
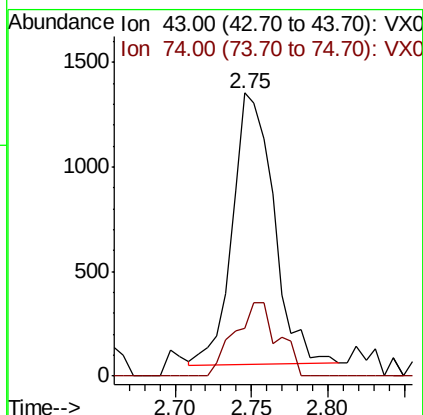
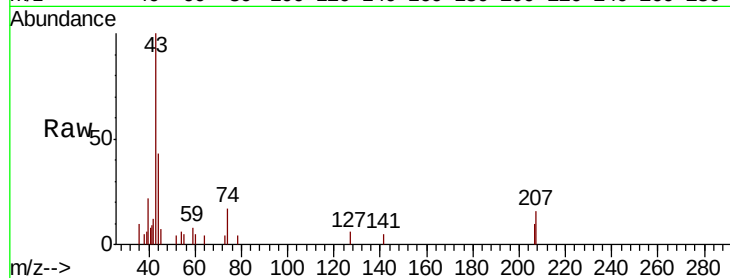




#18
Methvl Acetate
Concen: 0.839 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

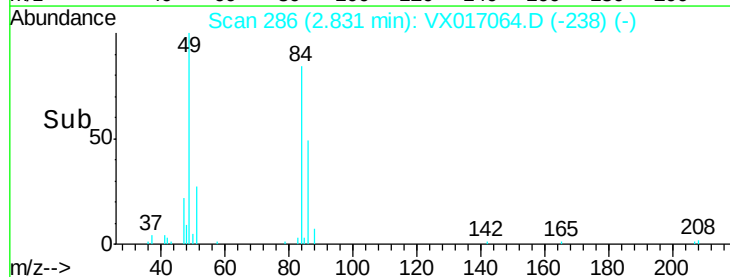
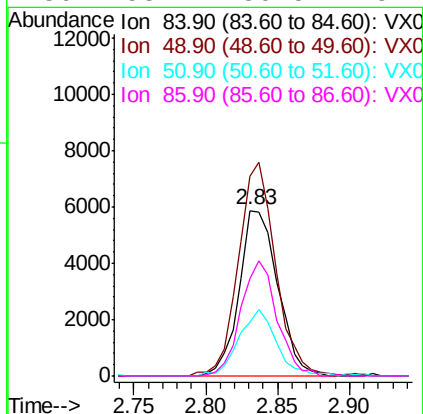
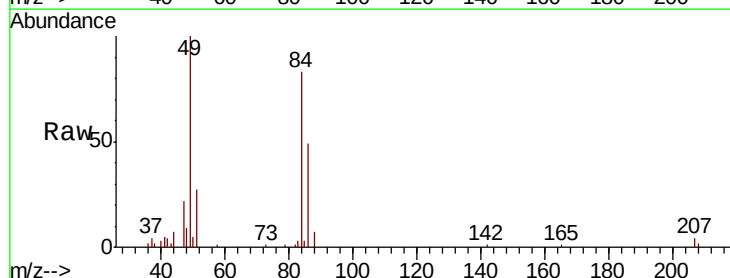
Instrument :
MSVOA_X
ClientSampleId :
PB129852TB

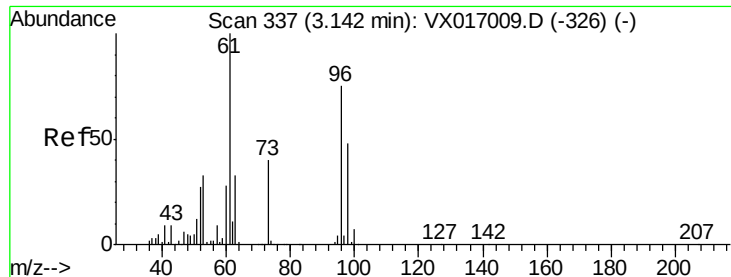
Tot Ion: 43 Resp: 2434
Ion Ratio Lower Upper
43 100
74 28.4 19.3 28.9



#20
Methylene Chloride
Concen: 3.565 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion: 84 Resp: 10935
Ion Ratio Lower Upper
84 100
49 120.7 94.7 142.1
51 32.1 28.6 42.8
86 58.7 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 0.300 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

PB129852TB

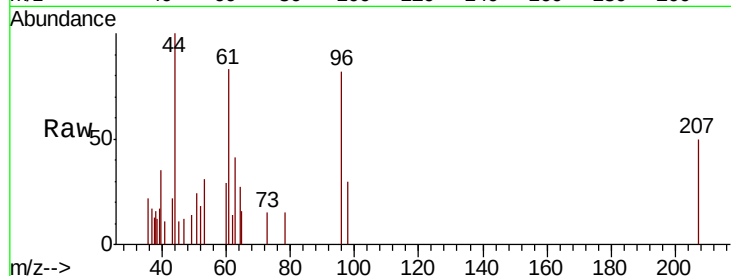
Tot Ion: 96 Resp: 794

Ion Ratio Lower Upper

96 100

61 101.2 107.0 160.6#

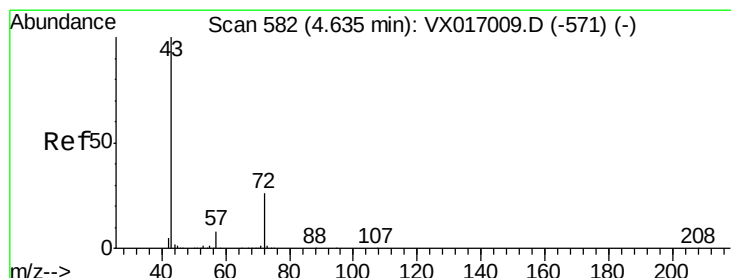
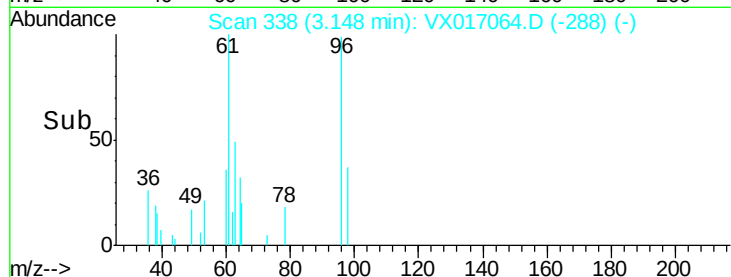
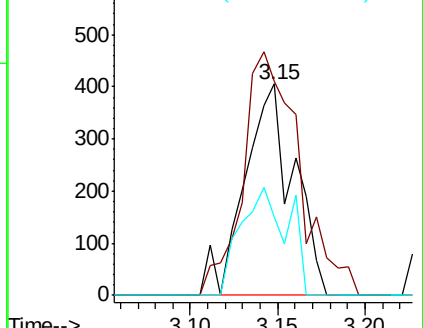
98 37.0 51.6 77.4#



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



#25

2-Butanone

Concen: 2.829 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX017064.D

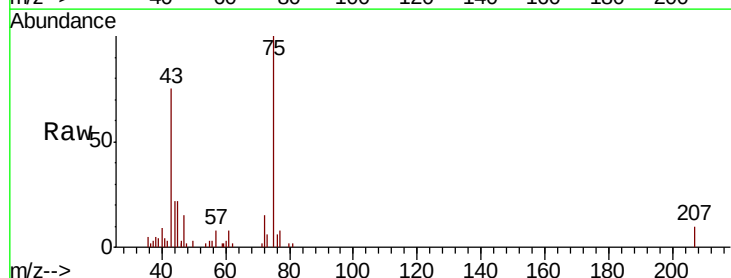
Acq: 30 Jun 2020 23:36

Tgt Ion: 43 Resp: 5237

Ion Ratio Lower Upper

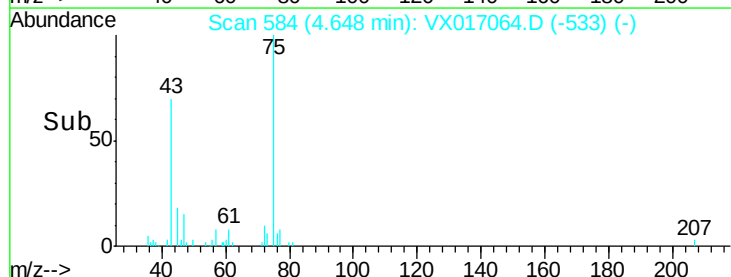
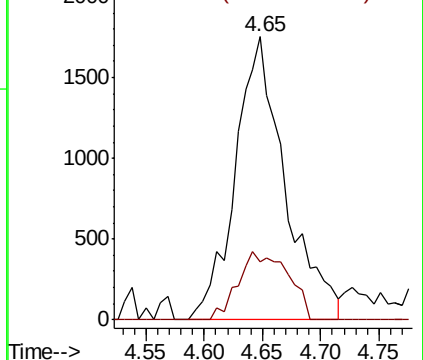
43 100

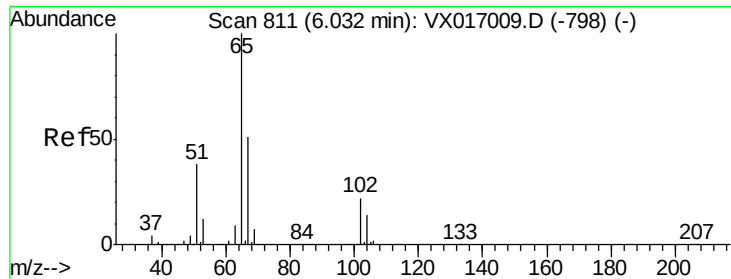
72 20.5 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

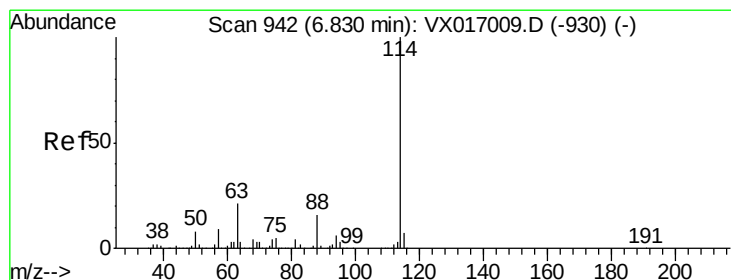
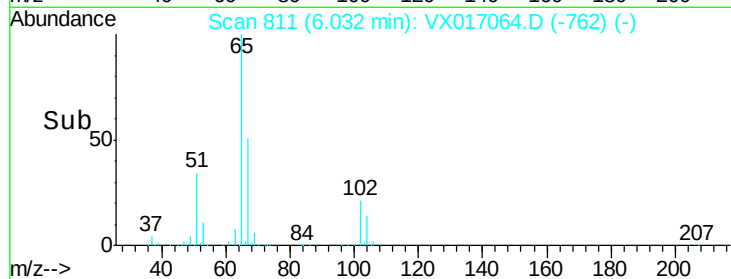
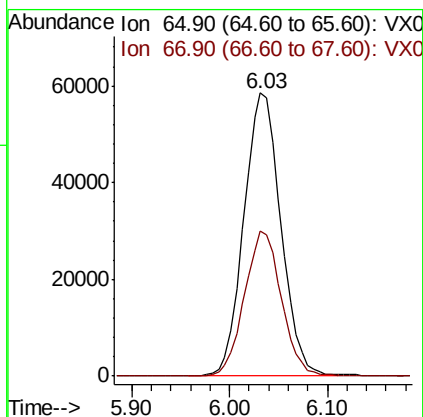
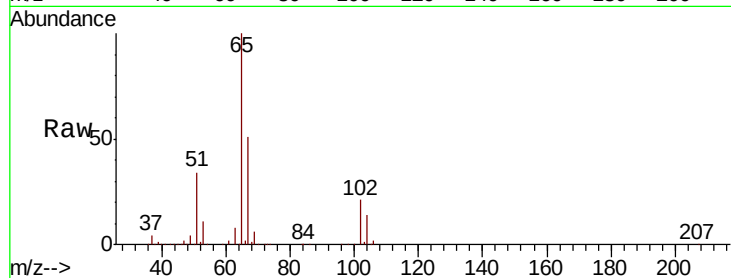




#33
 1,2-Dichloroethane-d4
 Concen: 51.642 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017064.D
 Acq: 30 Jun 2020 23:36

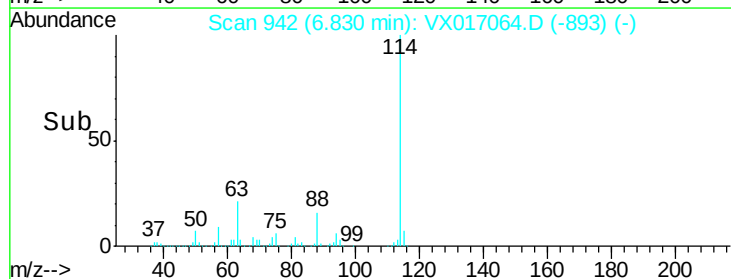
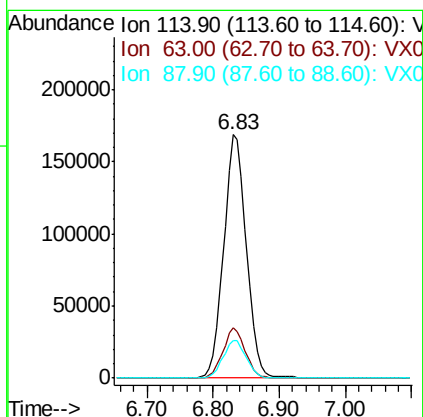
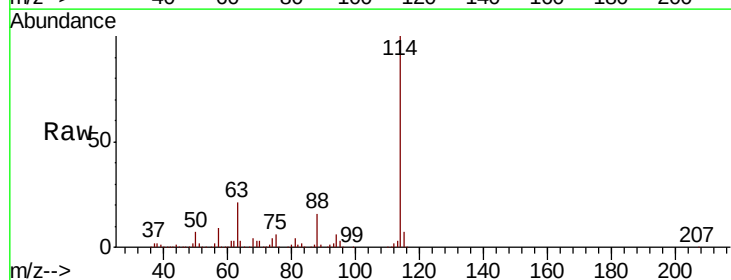
Instrument :
 MSVOA_X
 ClientSampleId :
 PB129852TB

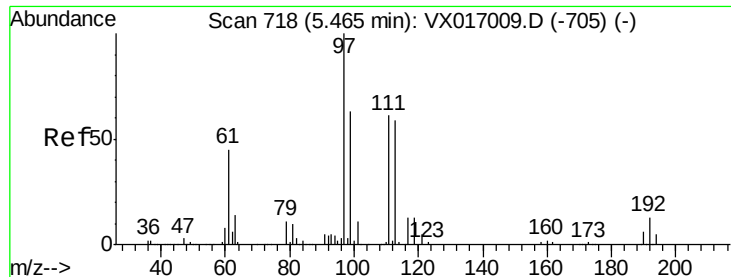
Tot Ion: 65 Resp: 153354
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017064.D
 Acq: 30 Jun 2020 23:36

Tgt Ion: 114 Resp: 399870
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.4
 88 15.6 0.0 32.4

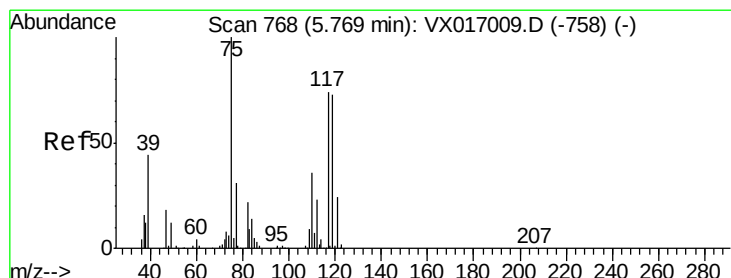
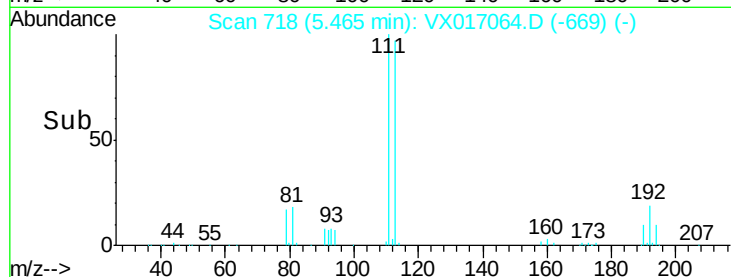
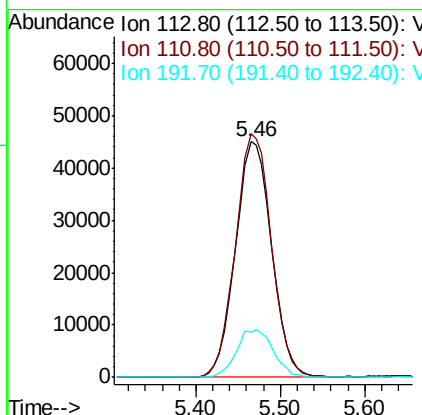
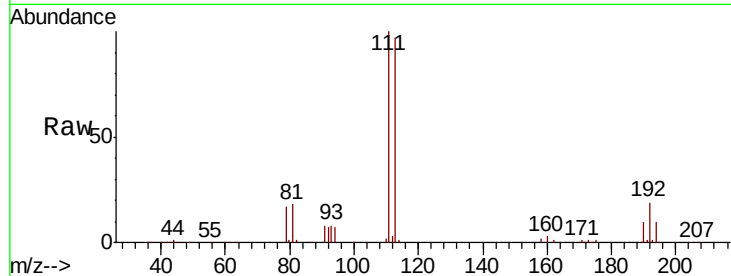




#35
Dibromofluoromethane
Concen: 51.687 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

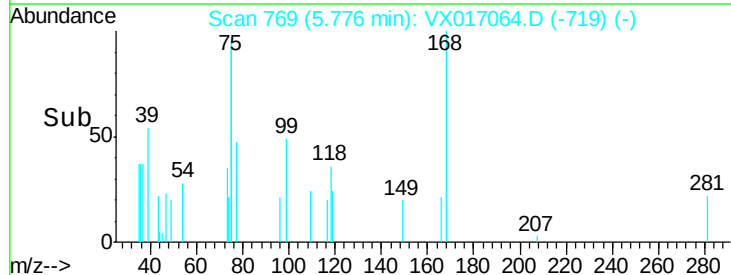
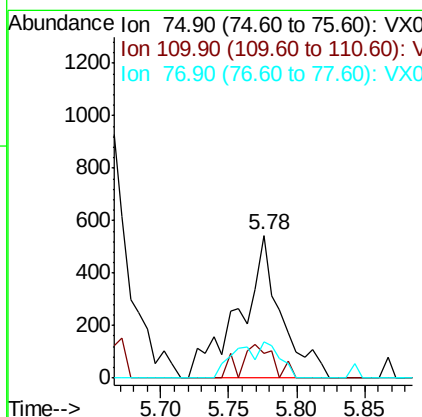
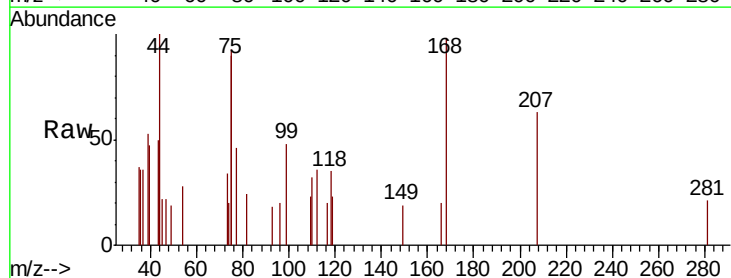
Instrument :
MSVOA_X
ClientSampleId :
PB129852TB

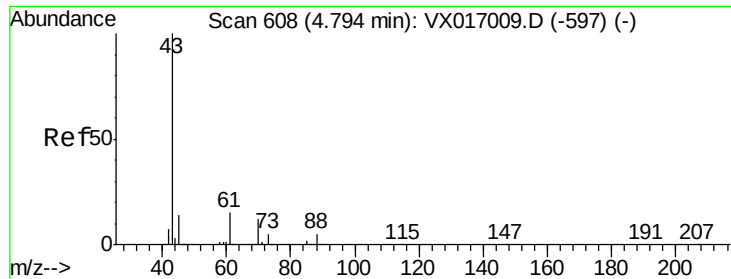
Tot Ion:113 Resp: 130741
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 0.304 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion: 75 Resp: 1148
Ion Ratio Lower Upper
75 100
110 18.9 18.1 54.1
77 12.5 24.6 37.0#

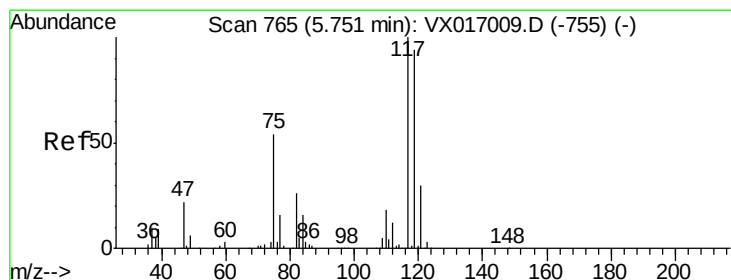
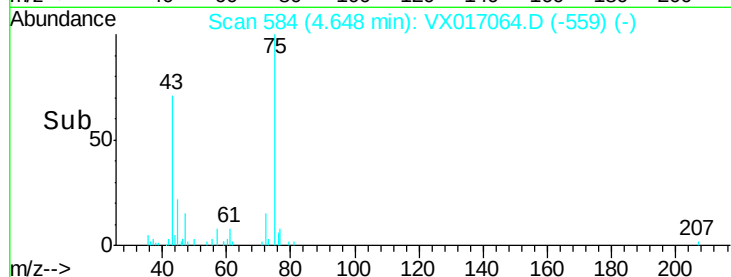
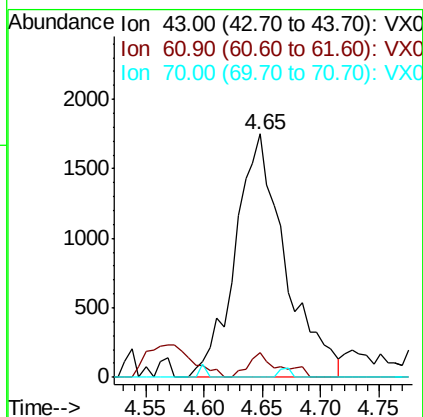
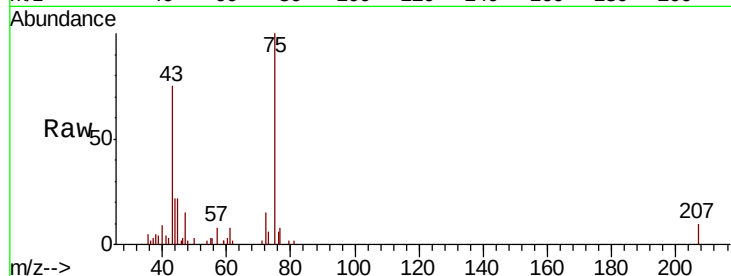




#37
Ethyl Acetate
Concen: 1.366 ug/l
RT: 4.65 min Scan# 584
Delta R.T. -0.15 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

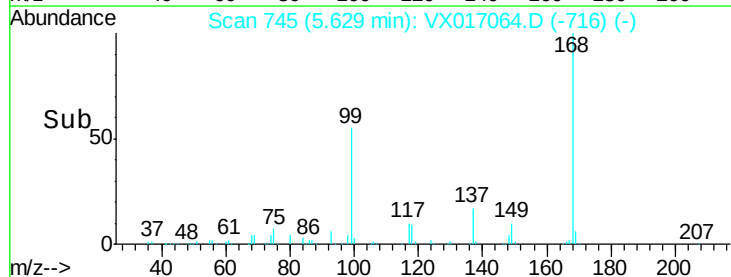
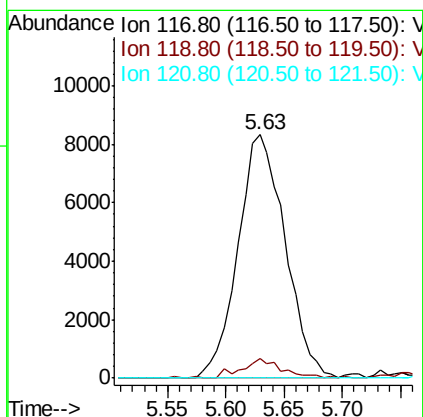
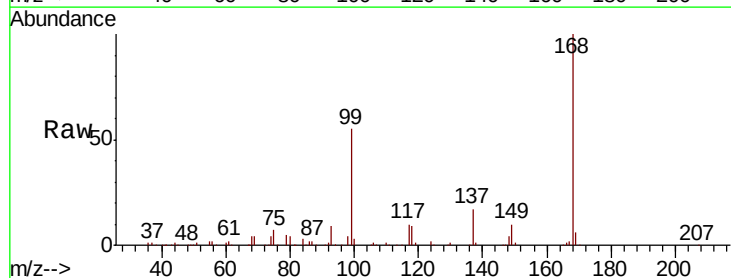
Instrument :
MSVOA_X
ClientSampleId :
PB129852TB

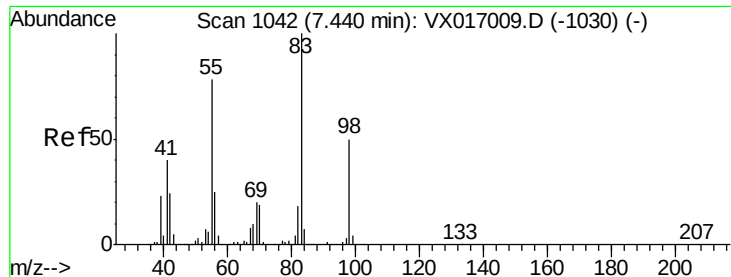
Tot Ion: 43 Resp: 5237
Ion Ratio Lower Upper
43 100
61 6.1 11.0 16.4#
70 0.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 5.619 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion: 117 Resp: 23389
Ion Ratio Lower Upper
117 100
119 8.2 75.4 113.0#
121 0.0 23.8 35.6#

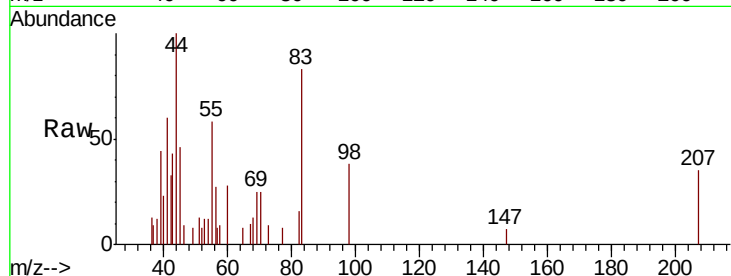




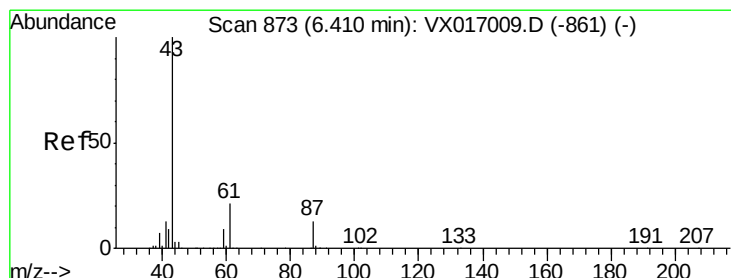
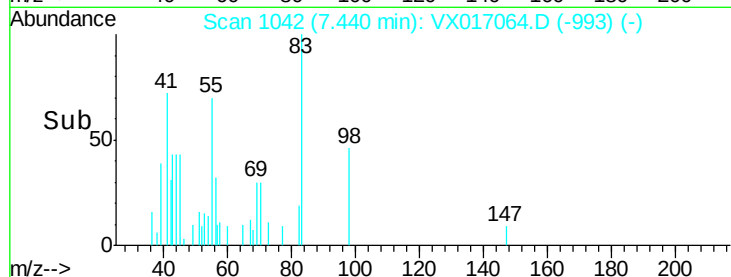
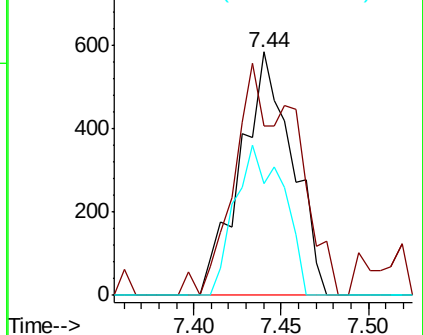
#39
Methylvlcyclohexane
Concen: 0.286 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Instrument :
MSVOA_X
ClientSampleId :
PB129852TB

Tot Ion: 83 Resp: 1204
Ion Ratio Lower Upper
83 100
55 69.6 62.5 93.7
98 45.8 40.1 60.1

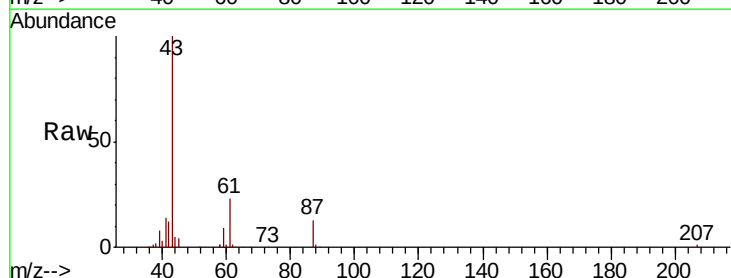


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

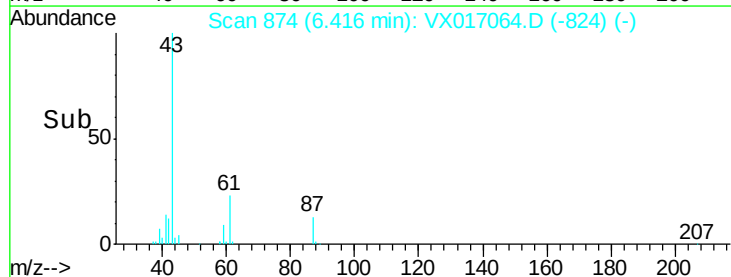
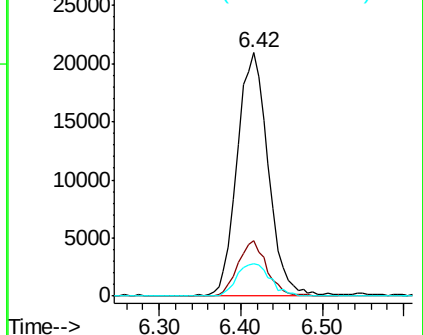


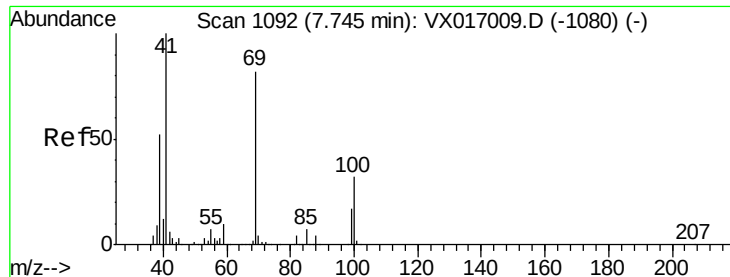
#43
Isopropyl Acetate
Concen: 8.709 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion: 43 Resp: 55493
Ion Ratio Lower Upper
43 100
61 21.2 16.2 24.2
87 14.1 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

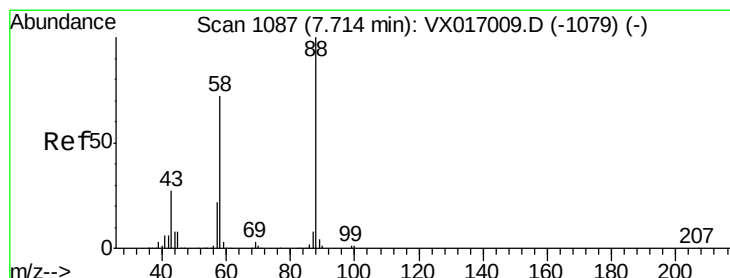
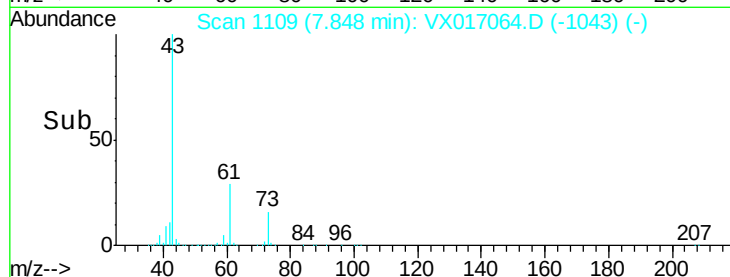
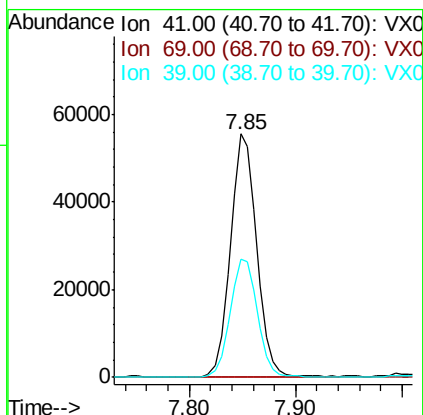
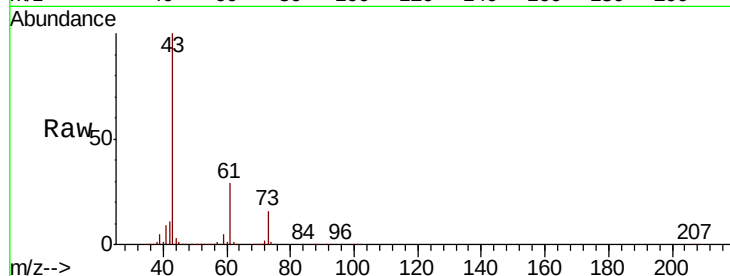




#48
Methvl methacrylate
Concen: 31.738 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.10 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

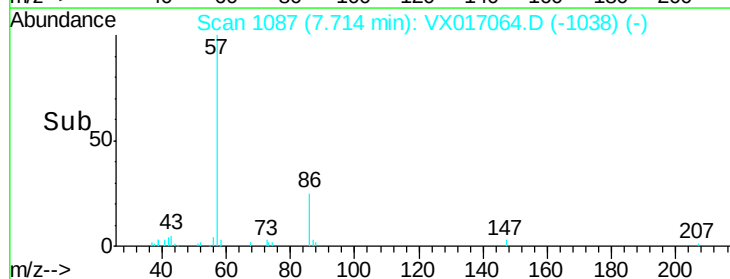
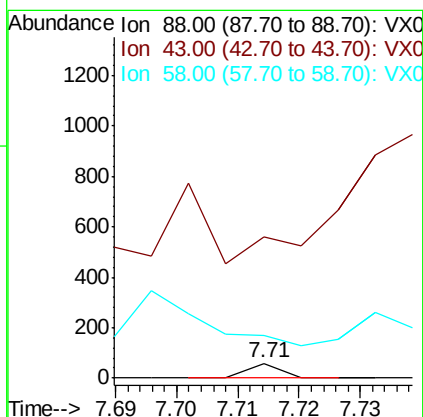
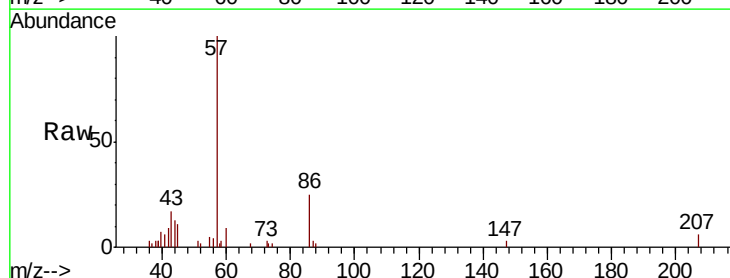
Instrument :
MSVOA_X
ClientSampled :
PB129852TB

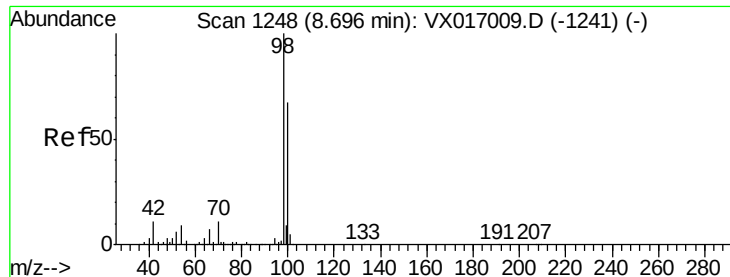
Tot Ion: 41 Resp: 96078
Ion Ratio Lower Upper
41 100
69 0.3 65.8 98.8#
39 50.7 42.5 63.7



#49
1,4-Dioxane
Concen: 0.306 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 2957.1 54.8 82.2#





#50

Toluene-d8

Concen: 53.194 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

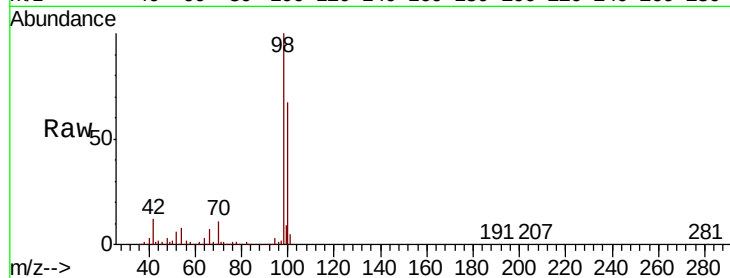
PB129852TB

Tot Ion: 98 Resp: 497541

Ion Ratio Lower Upper

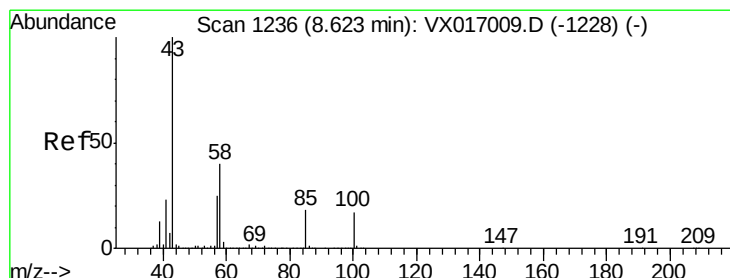
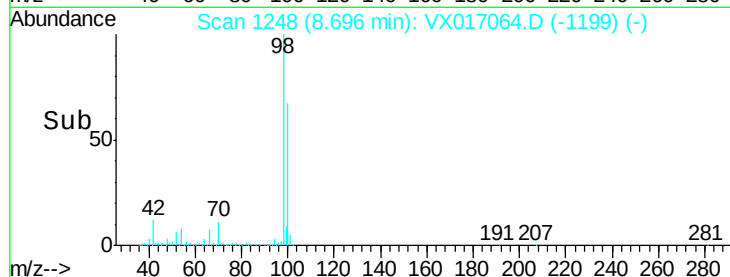
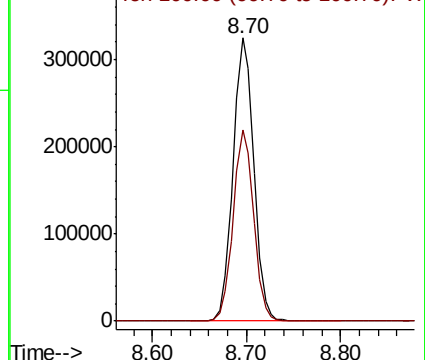
98 100

100 66.7 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 14.156 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX017064.D

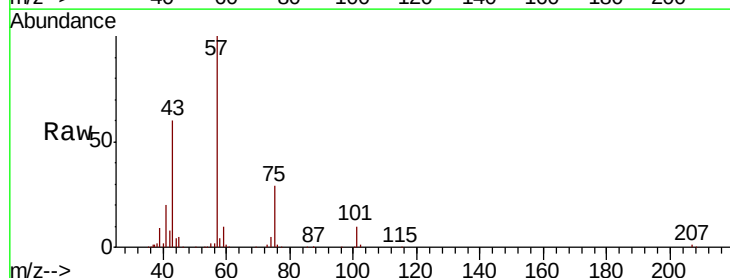
Acq: 30 Jun 2020 23:36

Tgt Ion: 43 Resp: 53767

Ion Ratio Lower Upper

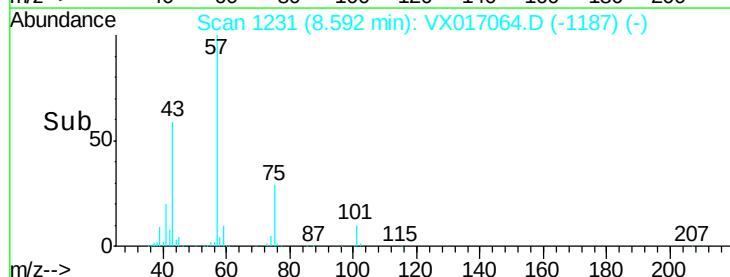
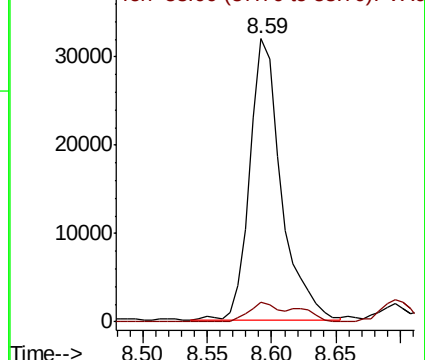
43 100

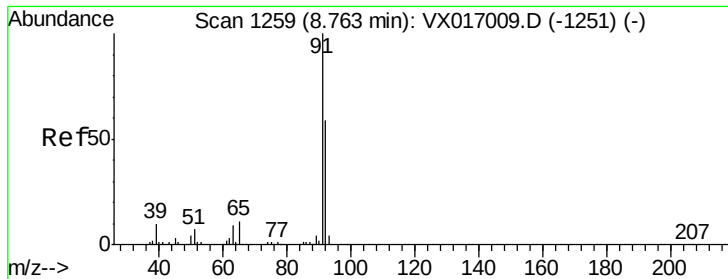
58 6.6 31.9 47.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.245 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

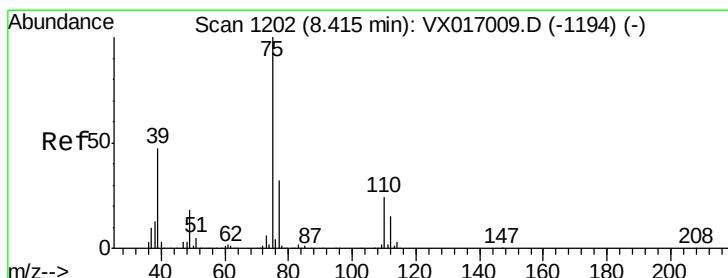
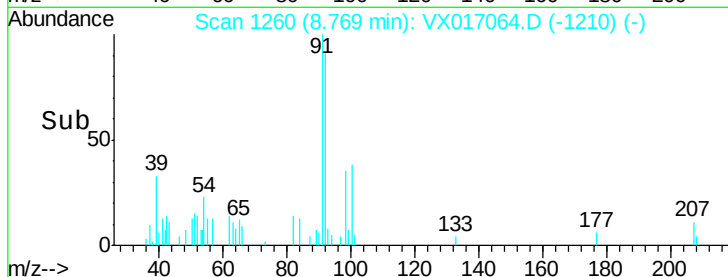
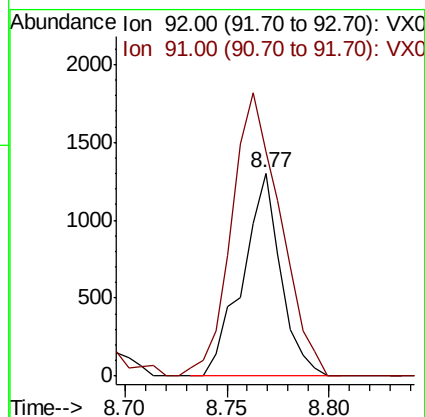
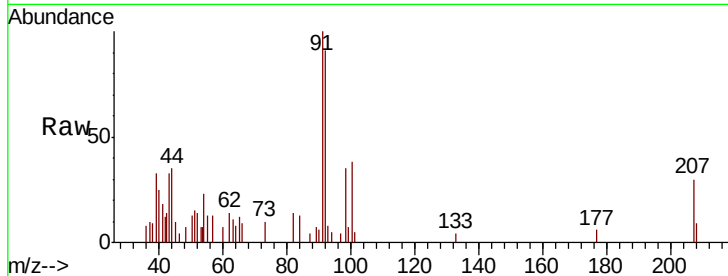
PB129852TB

Tot Ion: 92 Resp: 1700

Ion Ratio Lower Upper

92 100

91 177.4 136.9 205.3



#54

cis-1,3-Dichloropropene

Concen: 5.046 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

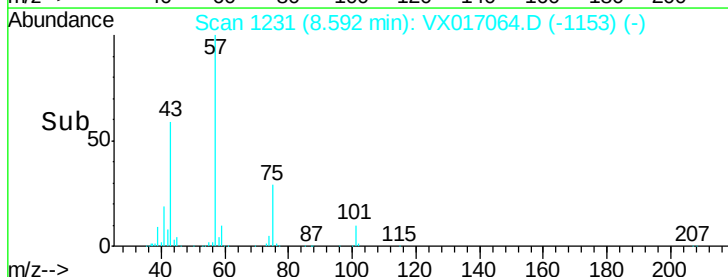
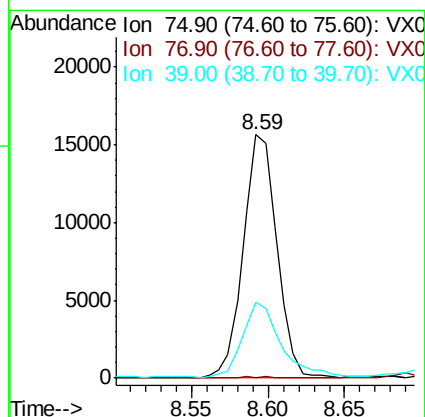
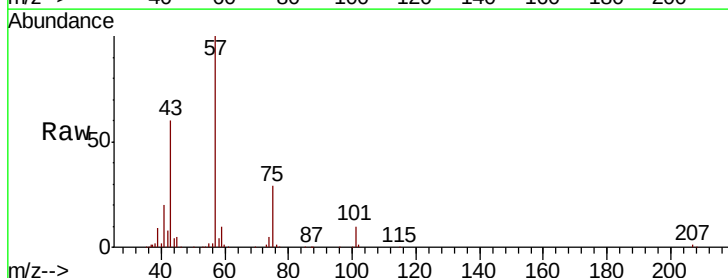
Tgt Ion: 75 Resp: 23947

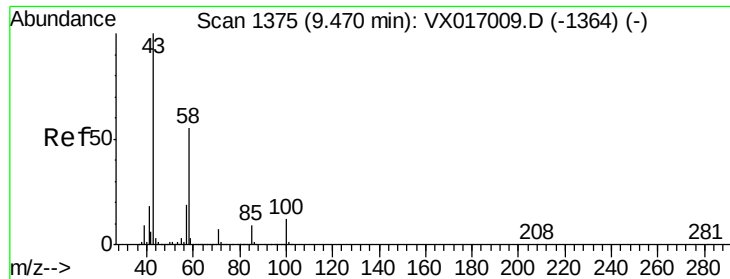
Ion Ratio Lower Upper

75 100

77 0.4 25.2 37.8#

39 30.3 37.4 56.2#

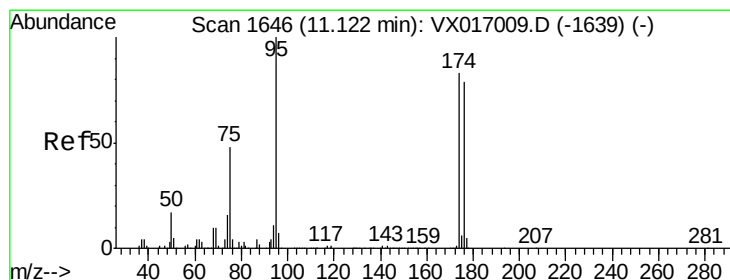
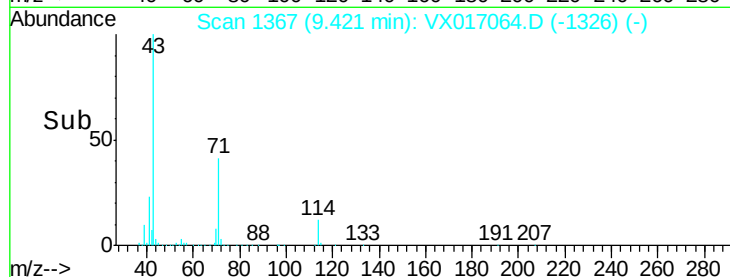
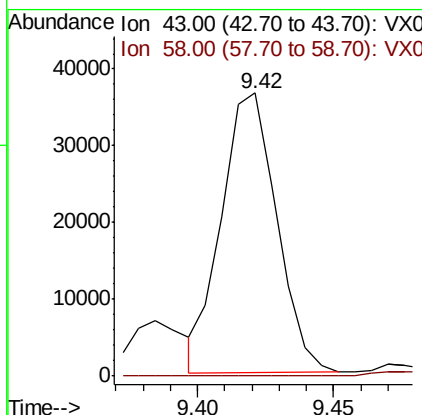
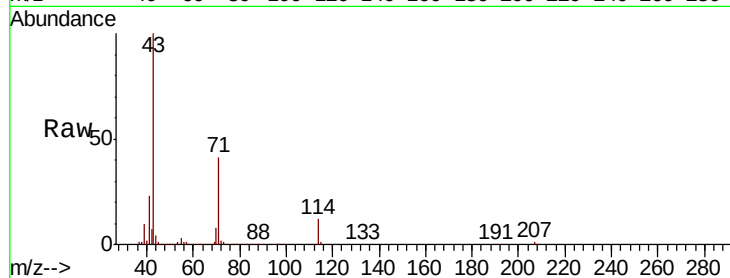




#59
2-Hexanone
Concen: 18.548 ug/l
RT: 9.42 min Scan# 1367
Delta R.T. -0.05 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

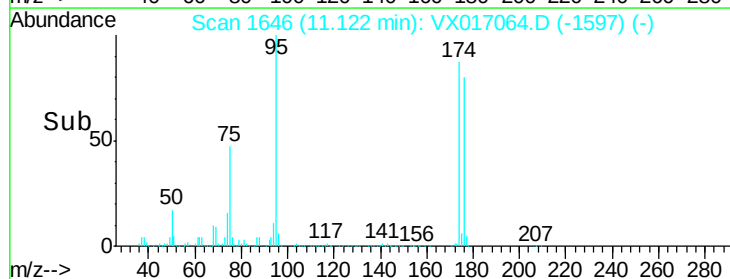
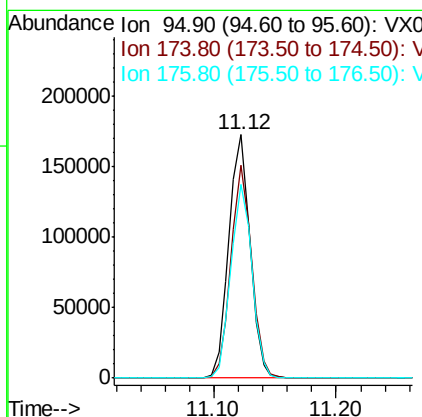
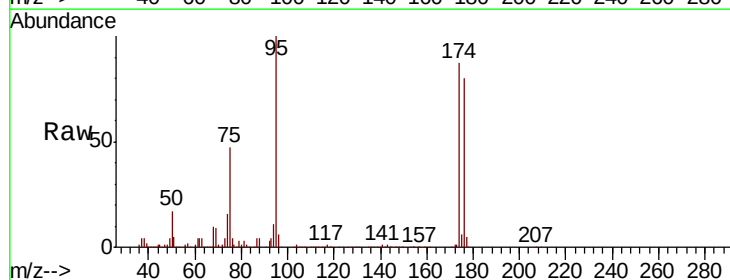
Instrument :
MSVOA_X
ClientSampleId :
PB129852TB

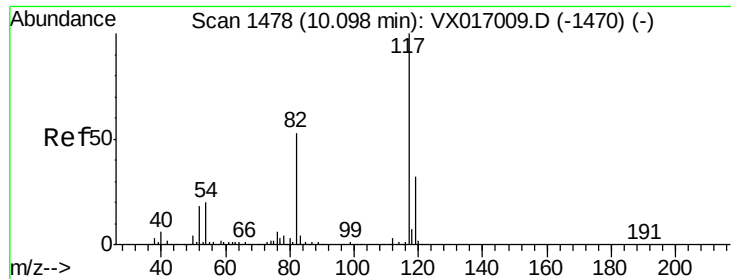
Tot Ion: 43 Resp: 51452
Ion Ratio Lower Upper
43 100
58 0.0 27.9 83.6#



#62
4-Bromofluorobenzene
Concen: 56.548 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion: 95 Resp: 206759
Ion Ratio Lower Upper
95 100
174 85.0 0.0 164.0
176 79.1 0.0 157.6

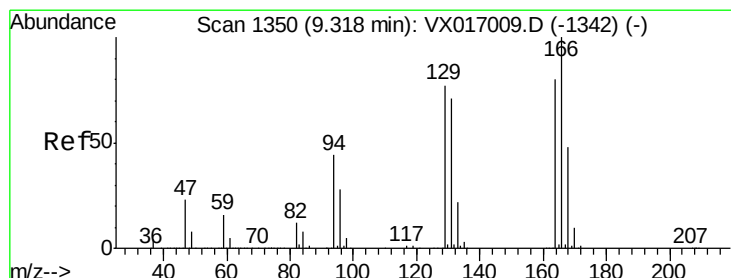
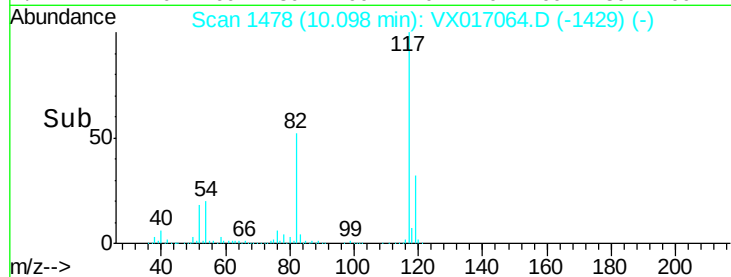
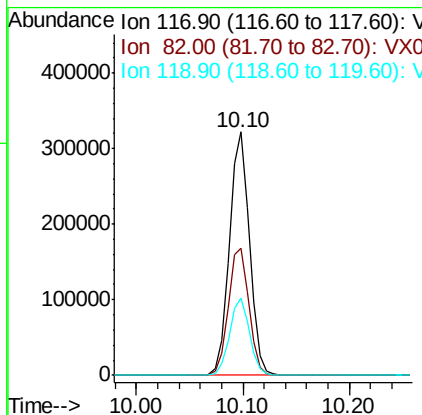
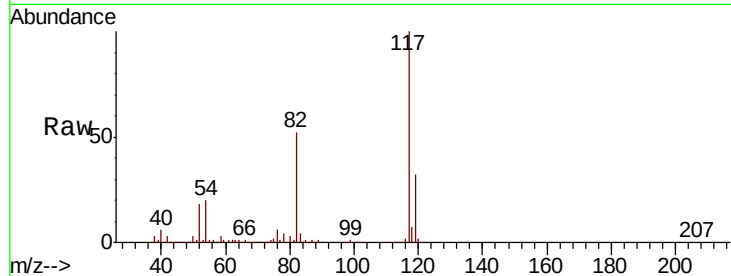




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

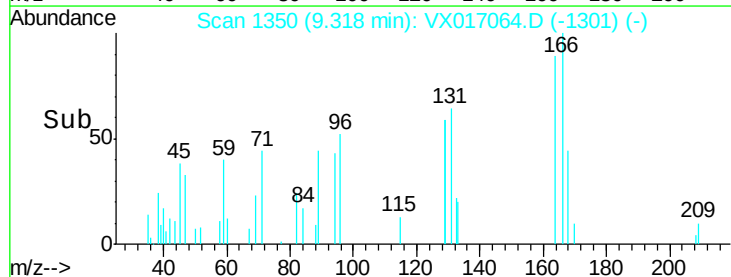
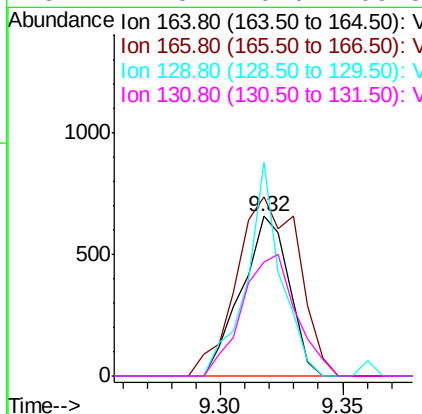
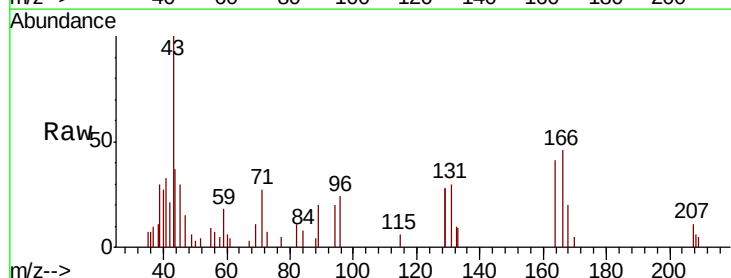
Instrument :
MSVOA_X
ClientSampled :
PB129852TB

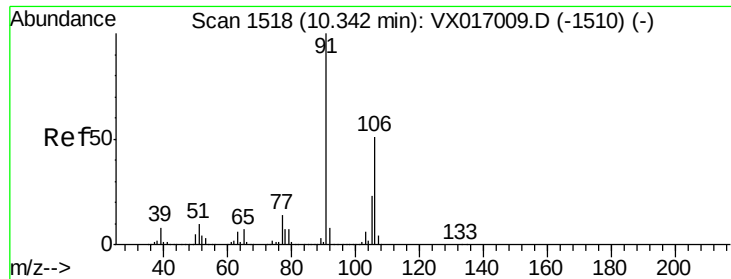
Tot Ion:117 Resp: 425477
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.259 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion:164 Resp: 889
Ion Ratio Lower Upper
164 100
166 112.5 99.4 149.0
129 133.8 76.3 114.5#
131 71.8 70.6 105.8

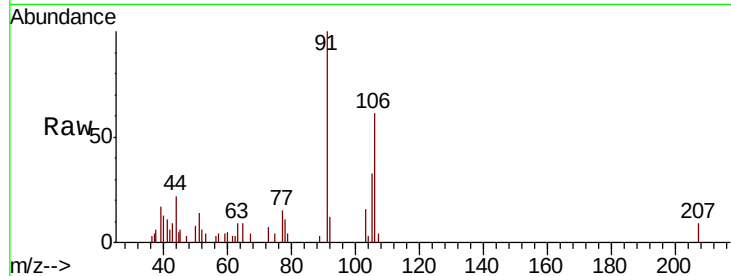




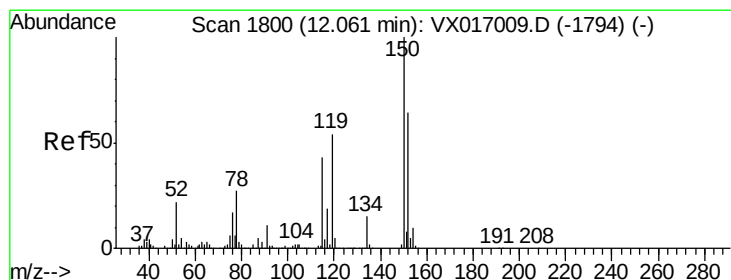
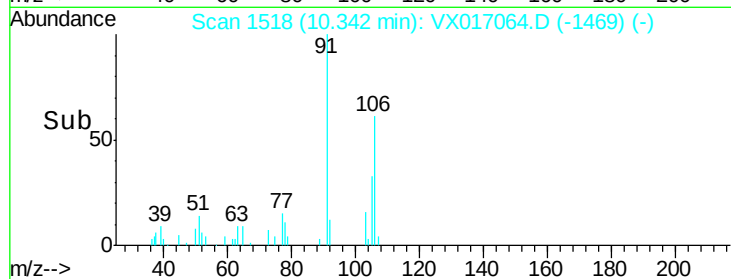
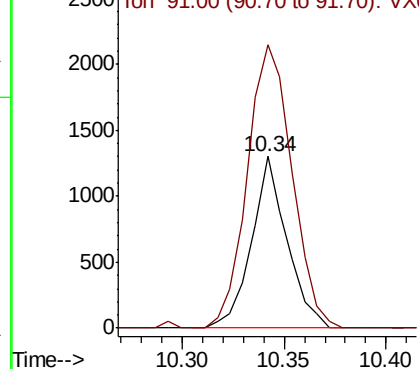
#68
m/p-Xvlenes
Concen: 0.280 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Instrument :
MSVOA_X
ClientSampled :
PB129852TB

Tot Ion:106 Resp: 1577
Ion Ratio Lower Upper
106 100
91 207.0 158.6 238.0

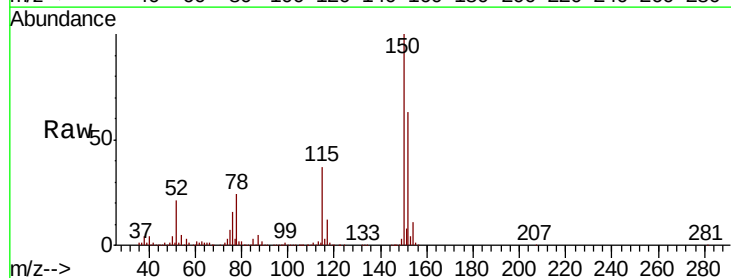


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

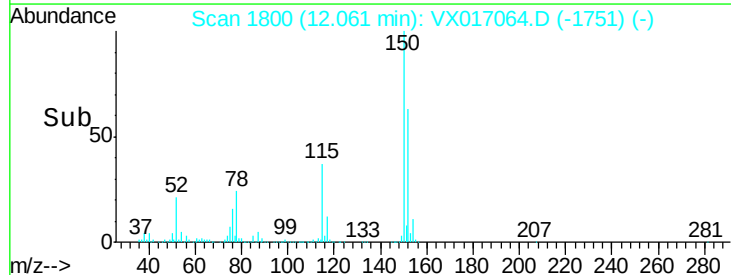
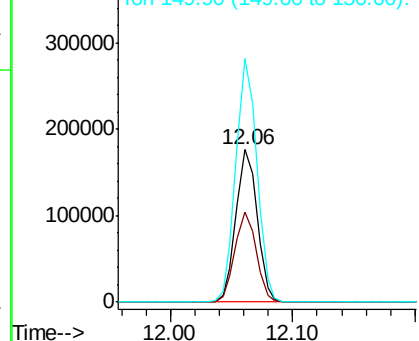


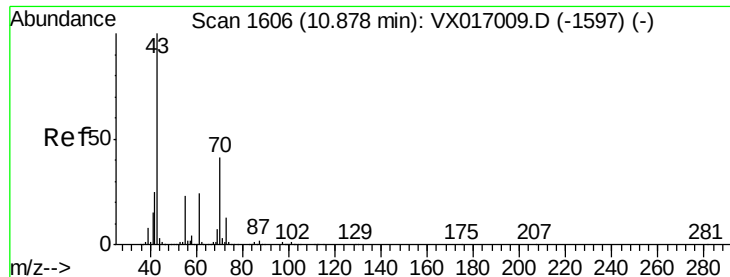
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion:152 Resp: 210857
Ion Ratio Lower Upper
152 100
115 59.5 40.9 122.7
150 159.0 0.0 351.6



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





#74

N-amvl acetate

Concen: 0.466 ug/l

RT: 10.81 min Scan# 1595

Delta R.T. -0.07 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

PB129852TB

Tot Ion: 43 Resp: 2747

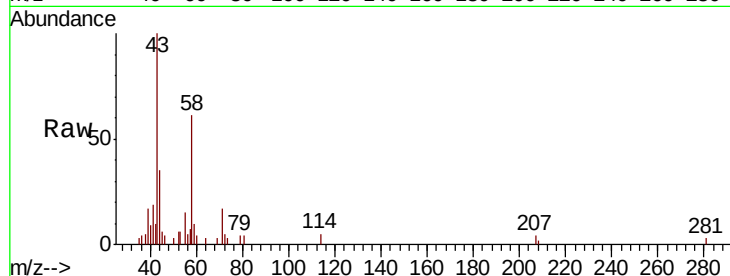
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 20.1 19.2 28.8

61 0.0 19.6 29.4#

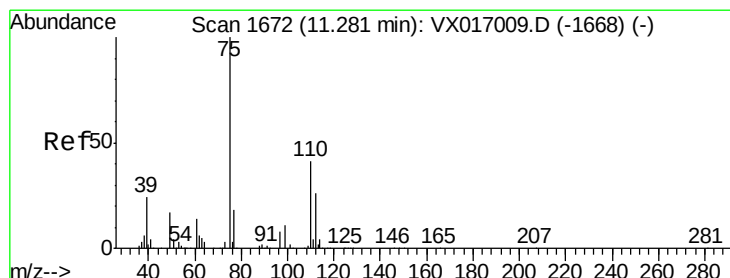
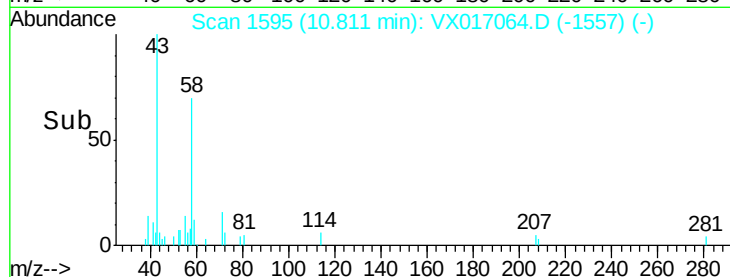
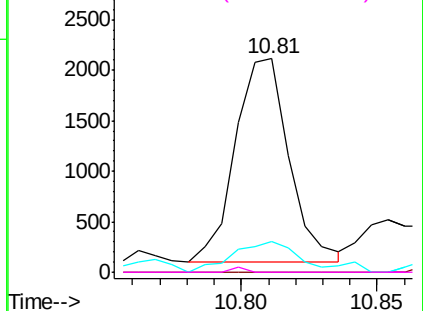


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 24.523 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017064.D

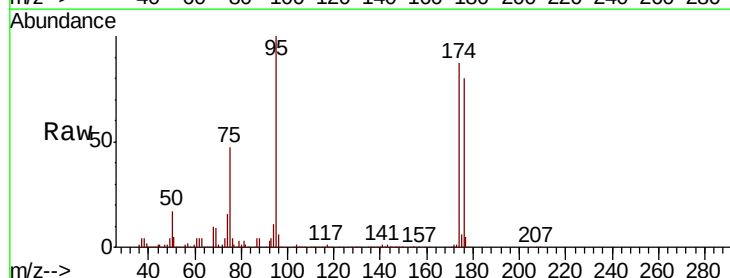
Acq: 30 Jun 2020 23:36

Tgt Ion: 75 Resp: 101680

Ion Ratio Lower Upper

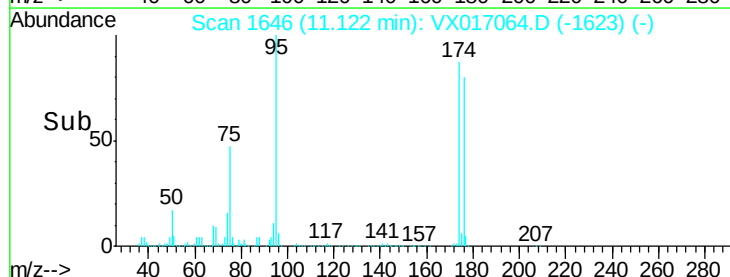
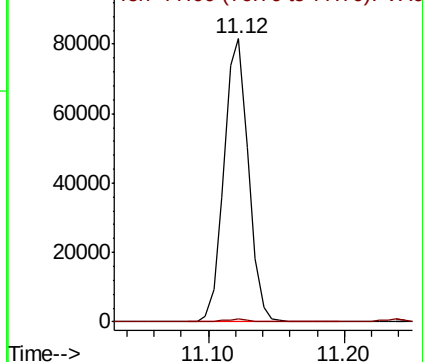
75 100

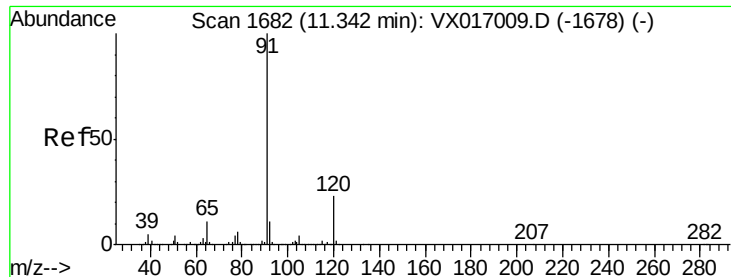
77 1.2 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

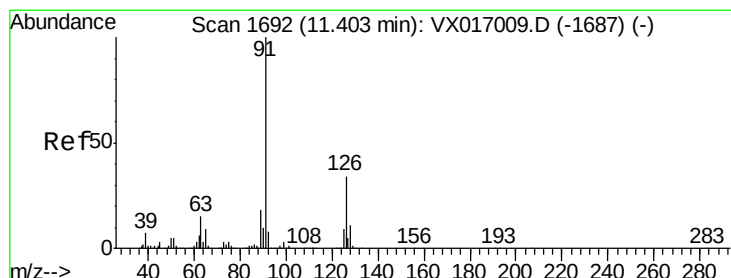
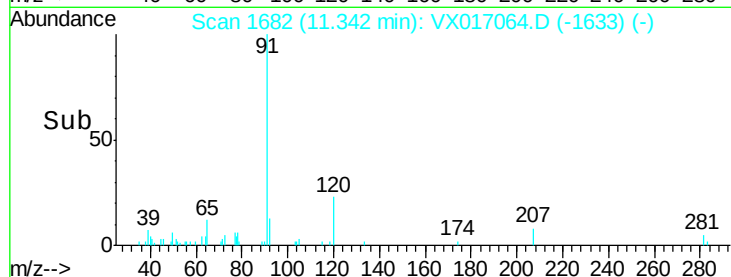
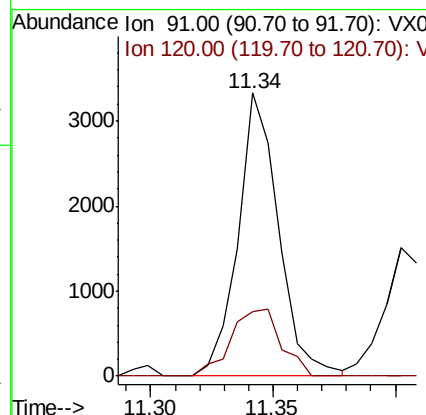
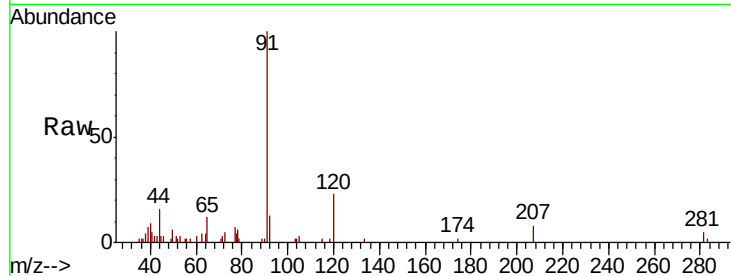




#78
n-propylbenzene
Concen: 0.245 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

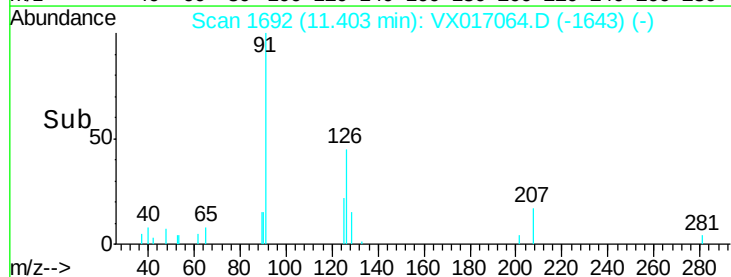
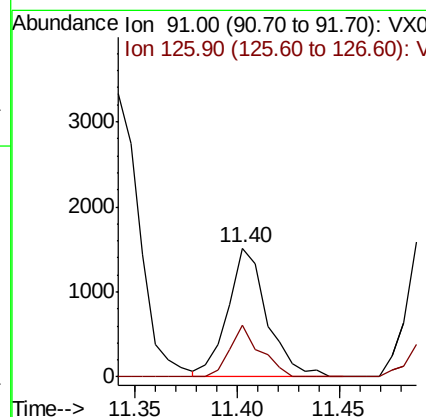
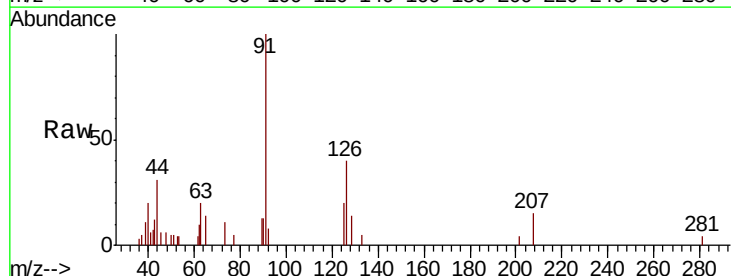
Instrument :
MSVOA_X
ClientSampled :
PB129852TB

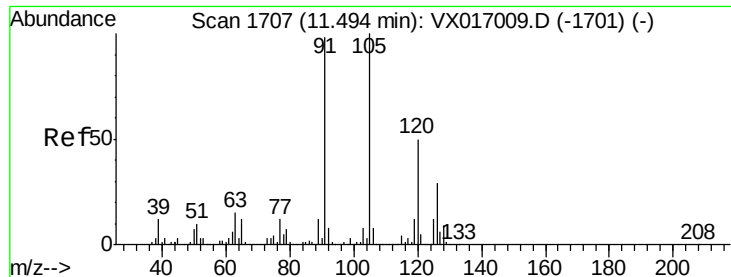
Tot Ion: 91 Resp: 3830
Ion Ratio Lower Upper
91 100
120 29.4 11.9 35.9



#79
2-Chlorotoluene
Concen: 0.213 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion: 91 Resp: 2015
Ion Ratio Lower Upper
91 100
126 30.9 17.4 52.3

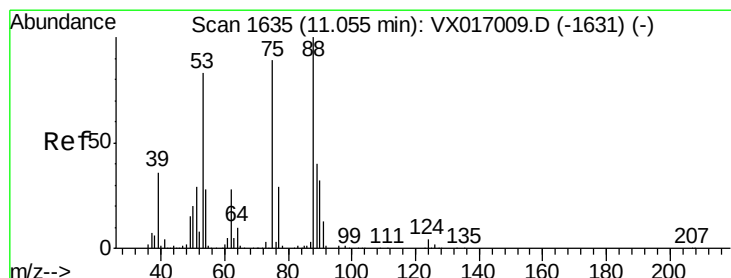
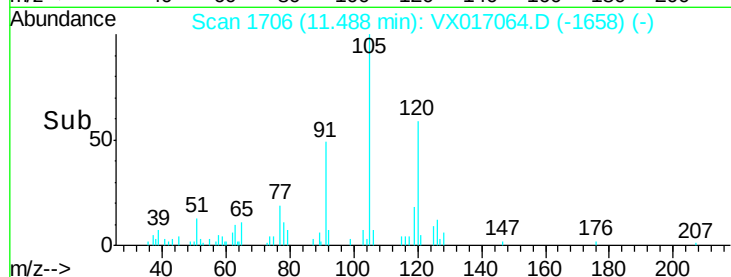
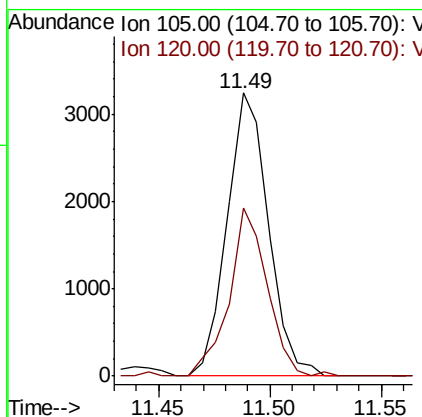
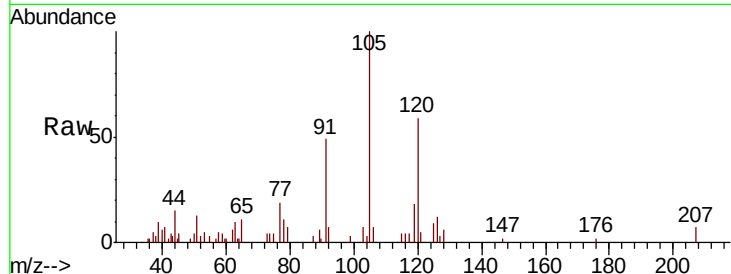




#80
 1,3,5-Trimethylbenzene
 Concen: 0.366 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017064.D
 Acq: 30 Jun 2020 23:36

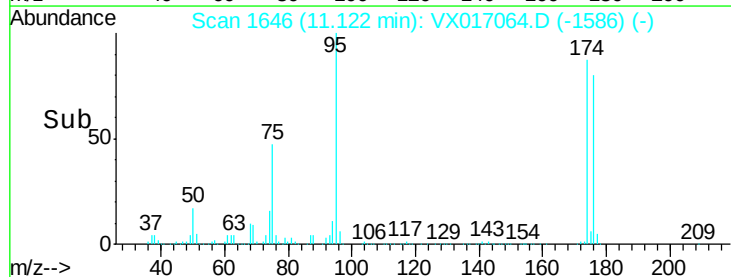
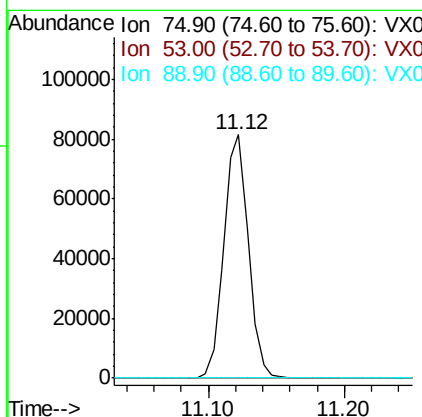
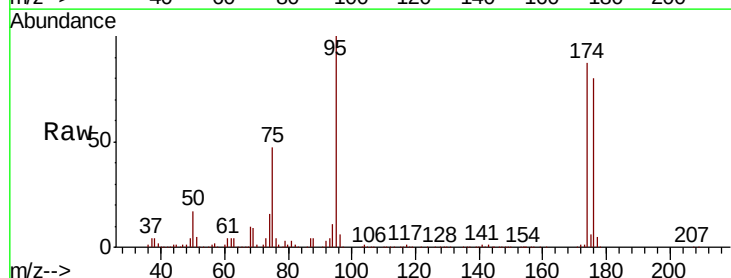
Instrument :
 MSVOA_X
 ClientSampleId :
 PB129852TB

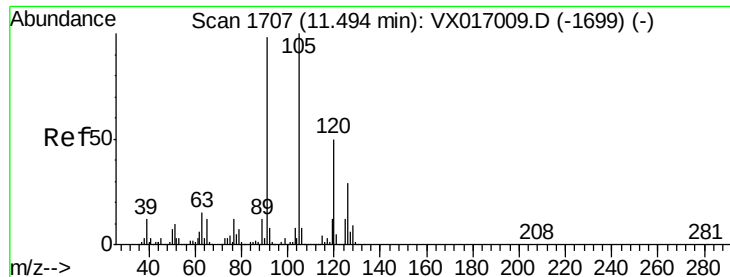
Tot Ion:105 Resp: 4189
 Ion Ratio Lower Upper
 105 100
 120 55.0 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.505 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX017064.D
 Acq: 30 Jun 2020 23:36

Tgt Ion: 75 Resp: 101680
 Ion Ratio Lower Upper
 75 100
 53 0.2 72.4 108.6#
 89 0.0 37.0 55.4#

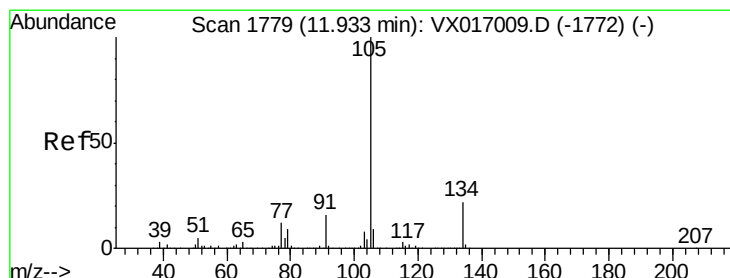
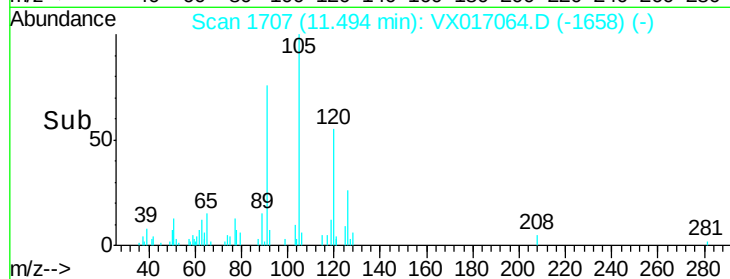
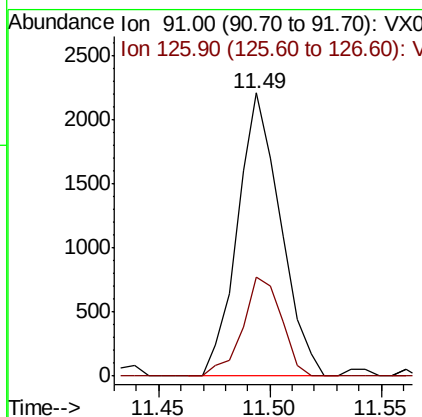
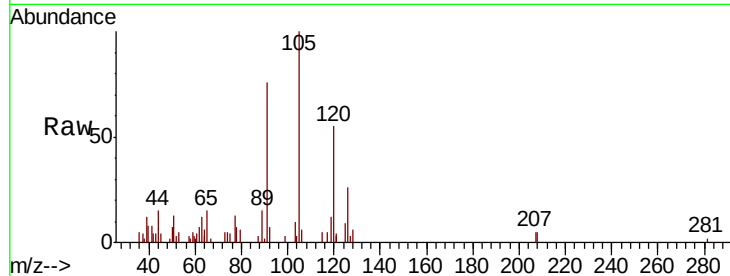




#82
4-Chlorotoluene
Concen: 0.261 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

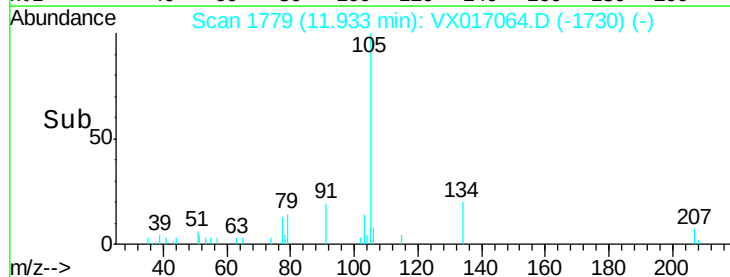
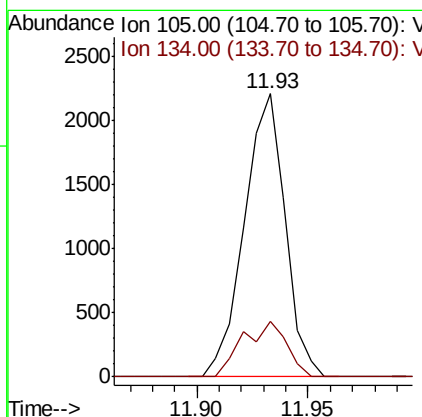
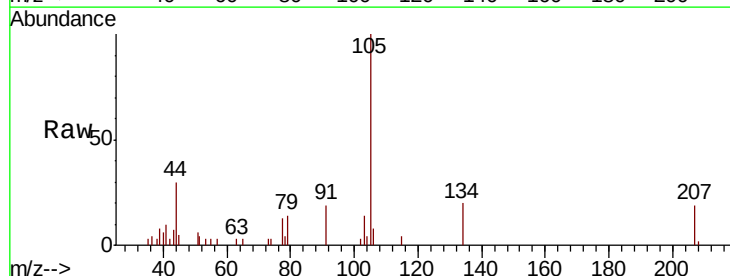
Instrument :
MSVOA_X
ClientSampleId :
PB129852TB

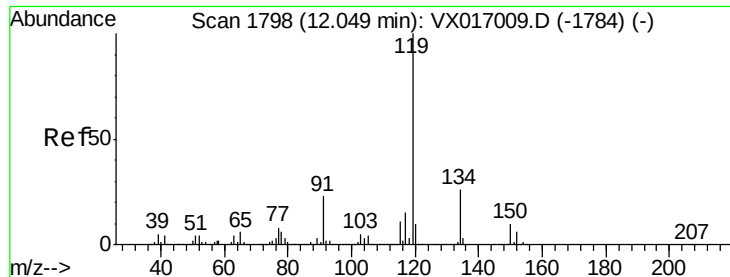
Tot Ion: 91 Resp: 2954
Ion Ratio Lower Upper
91 100
126 31.8 15.2 45.5



#85
sec-Butylbenzene
Concen: 0.213 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VX017064.D
Acq: 30 Jun 2020 23:36

Tgt Ion:105 Resp: 2822
Ion Ratio Lower Upper
105 100
134 21.0 10.5 31.6

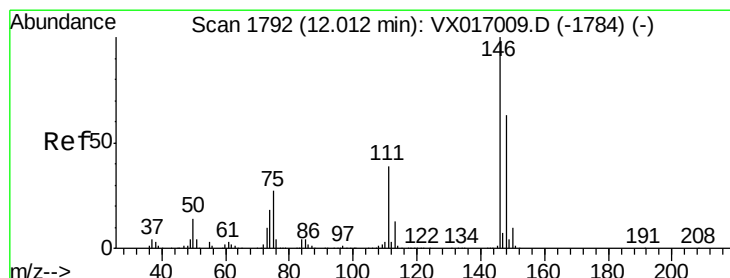
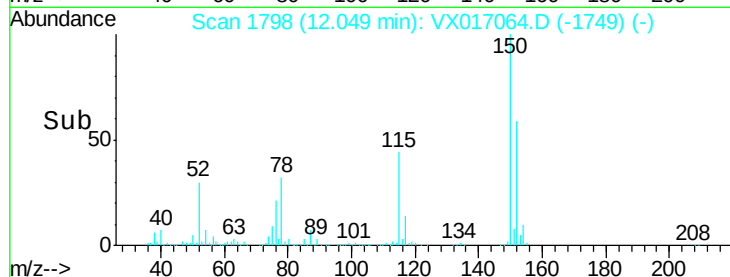
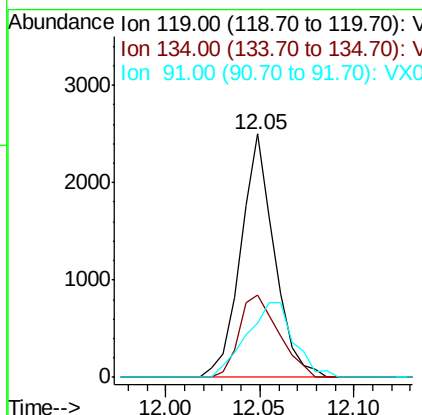
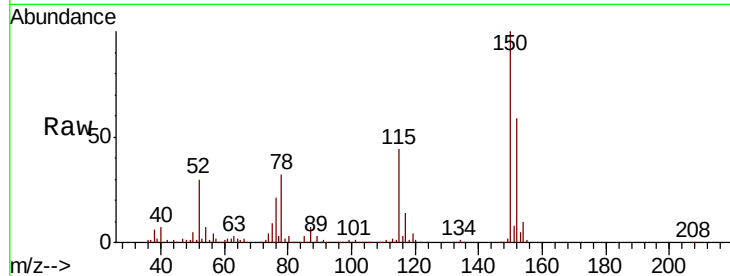




#86
 p-Isopropyltoluene
 Concen: 0.251 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017064.D
 Acq: 30 Jun 2020 23:36

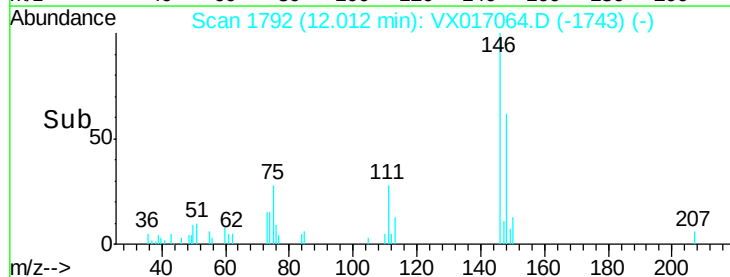
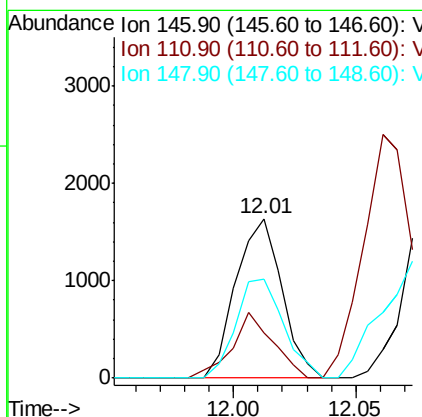
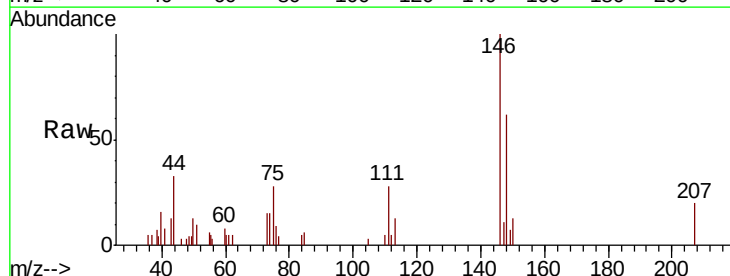
Instrument :
 MSVOA_X
 ClientSampled :
 PB129852TB

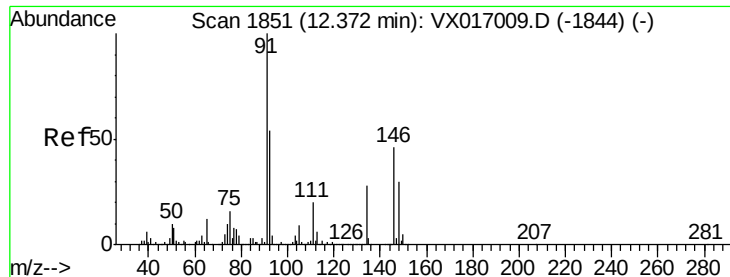
Tot Ion:119 Resp: 3086
 Ion Ratio Lower Upper
 119 100
 134 39.8 13.2 39.5#
 91 43.7 11.8 35.4#



#87
 1,3-Dichlorobenzene
 Concen: 0.311 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017064.D
 Acq: 30 Jun 2020 23:36

Tgt Ion:146 Resp: 2144
 Ion Ratio Lower Upper
 146 100
 111 36.7 20.4 61.2
 148 64.4 32.5 97.5





#89

n-Butylbenzene

Concen: 0.417 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampled :

PB129852TB

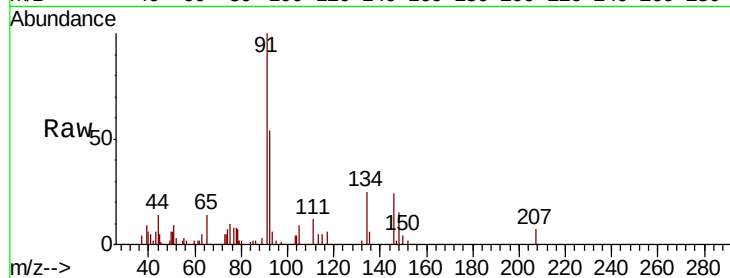
Tot Ion: 91 Resp: 4586

Ion Ratio Lower Upper

91 100

92 53.0 27.2 81.6

134 27.9 13.6 40.7

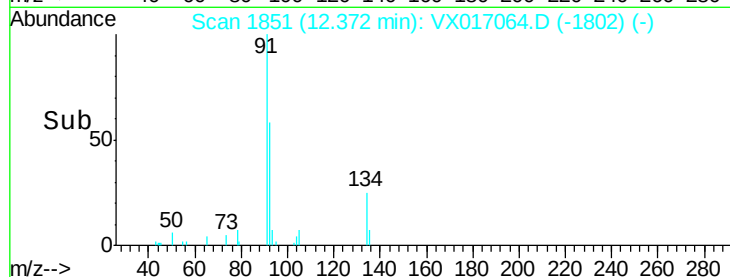


Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX017009.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX017009.D (-1844) (-)

Time-->

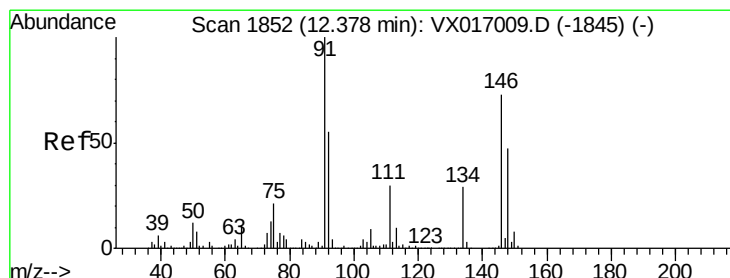


Abundance Ion 91.00 (90.70 to 91.70): VX017064.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX017064.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX017064.D (-1802) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.216 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

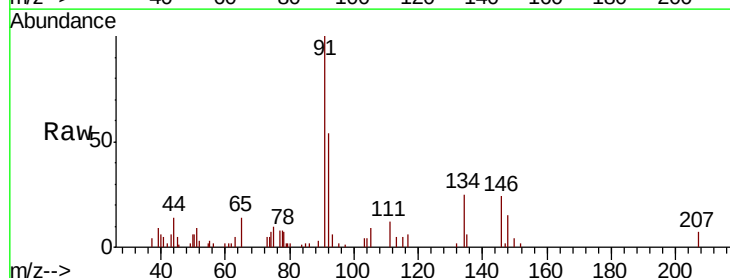
Tgt Ion: 146 Resp: 1395

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 60.8 32.4 97.2

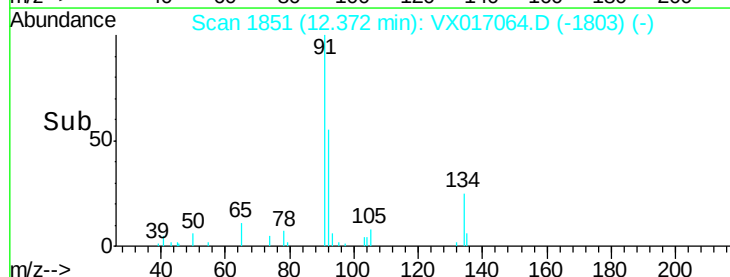


Abundance Ion 145.90 (145.60 to 146.60): VX017009.D (-1845) (-)

Ion 110.90 (110.60 to 111.60): VX017009.D (-1845) (-)

Ion 147.90 (147.60 to 148.60): VX017009.D (-1845) (-)

Time-->

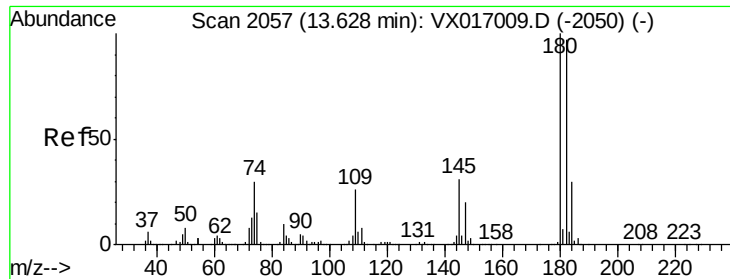


Abundance Ion 145.90 (145.60 to 146.60): VX017064.D (-1803) (-)

Ion 110.90 (110.60 to 111.60): VX017064.D (-1803) (-)

Ion 147.90 (147.60 to 148.60): VX017064.D (-1803) (-)

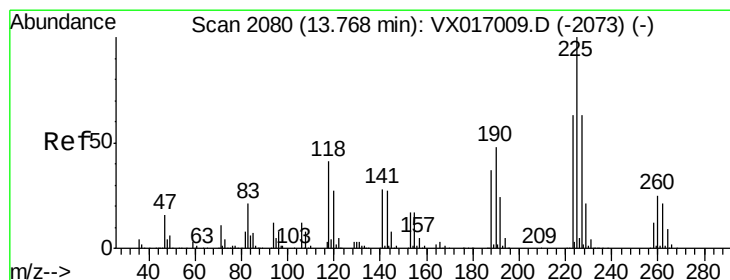
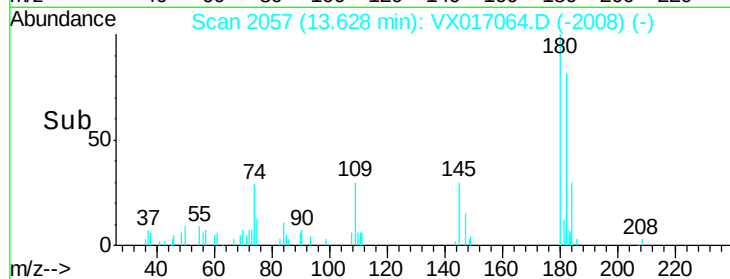
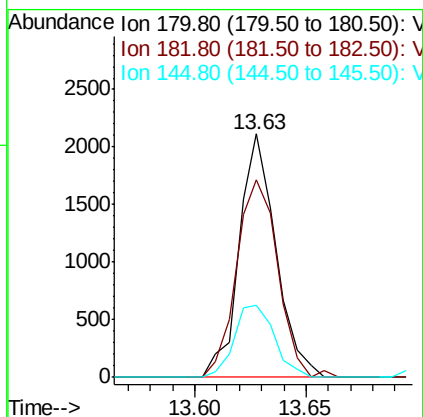
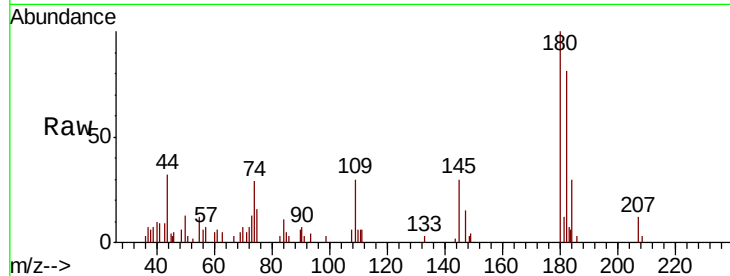
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 0.554 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017064.D
 Acq: 30 Jun 2020 23:36

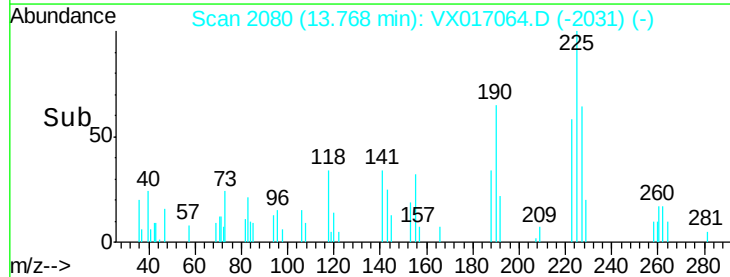
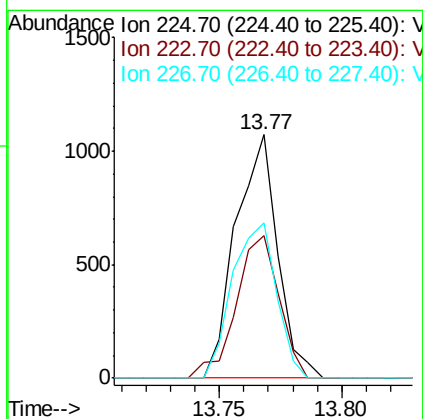
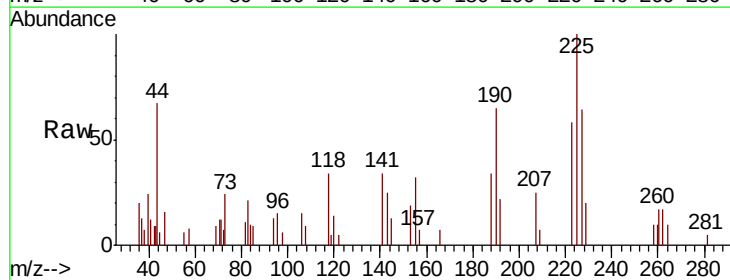
Instrument :
 MSVOA_X
 ClientSampled :
 PB129852TB

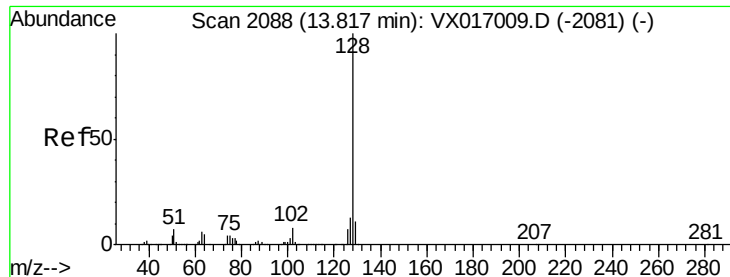
Tot Ion:180 Resp: 2437
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.3 141.9
 145 32.6 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 1.597 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017064.D
 Acq: 30 Jun 2020 23:36

Tgt Ion:225 Resp: 1278
 Ion Ratio Lower Upper
 225 100
 223 60.1 32.5 97.5
 227 67.1 33.1 99.2





#95

Naphthalene

Concen: 0.282 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

Instrument :

MSVOA_X

ClientSampleId :

PB129852TB

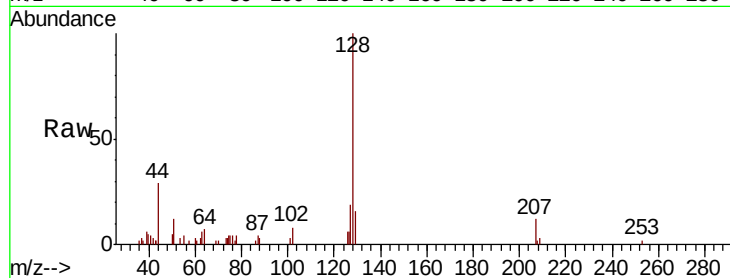
Tot Ion:128 Resp: 3776

Ion Ratio Lower Upper

128 100

127 16.0 10.2 15.4#

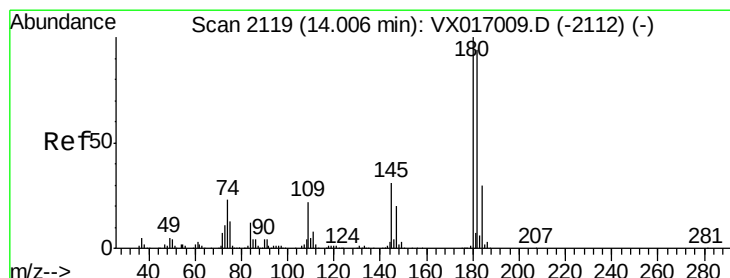
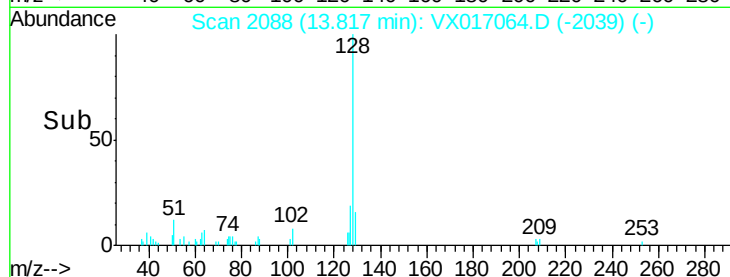
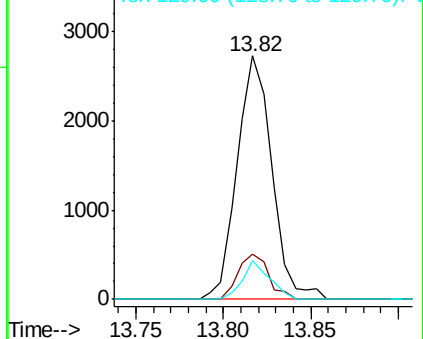
129 12.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.460 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017064.D

Acq: 30 Jun 2020 23:36

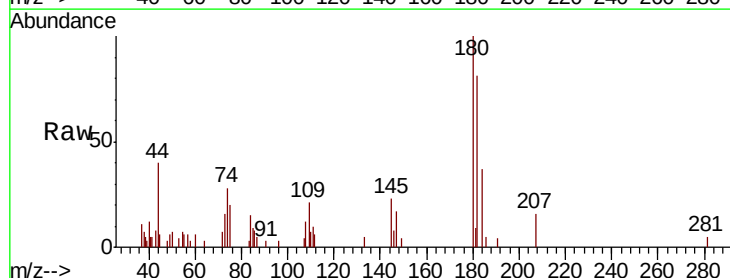
Tgt Ion:180 Resp: 1956

Ion Ratio Lower Upper

180 100

182 90.7 47.1 141.4

145 41.0 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

