

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017564.D
 Acq On : 25 Jul 2020 02:42
 Operator : JC/SP
 Sample : PB130430TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130430TB

Quant Time: Jul 25 04:12:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	528587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	914392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	891311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	507674	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	351178	51.72	ug/l	0.00
Spiked Amount			Recovery	=	103.44%	
35) Dibromofluoromethane	5.47	113	300588	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
50) Toluene-d8	8.70	98	1172331	53.14	ug/l	0.00
Spiked Amount			Recovery	=	106.28%	
62) 4-Bromofluorobenzene	11.12	95	487604	55.23	ug/l	0.00
Spiked Amount			Recovery	=	110.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	1120	Below Cal		76
3) Chloromethane	1.31	50	1413	0.582 ug/l #		65
5) Bromomethane	1.64	94	1185	Below Cal #		57
6) Chloroethane	1.72	64	462	Below Cal #		1
8) Diethyl Ether	2.17	74	1870	Below Cal		96
10) Methyl Iodide	2.51	142	1820	0.248 ug/l #		46
11) Tert butyl alcohol	3.03	59	3256	2.275 ug/l #		64
12) 1,1-Dichloroethene	2.37	96	1142	0.209 ug/l #		24
13) Acrolein	2.27	56	1863	5.825 ug/l #		78
15) Acrylonitrile	3.12	53	1674	0.542 ug/l #		66
16) Acetone	2.42	43	84158	28.161 ug/l		96
17) Carbon Disulfide	2.55	76	6687	0.403 ug/l #		80
18) Methyl Acetate	2.75	43	8476	1.204 ug/l		94
20) Methylene Chloride	2.84	84	49415	7.693 ug/l		97
23) Vinyl Acetate	3.79	43	3748	0.231 ug/l #		64
25) 2-Butanone	4.64	43	18053	4.252 ug/l		92
29) Tetrahydrofuran	5.11	42	4367	1.661 ug/l		94
36) 1,1-Dichloropropene	5.77	75	2405	0.274 ug/l #		53
38) Carbon Tetrachloride	5.63	117	54082	5.078 ug/l #		16
43) Isopropyl Acetate	6.42	43	213823	13.506 ug/l		99
44) Trichloroethene	7.19	130	1496	0.204 ug/l		87
48) Methyl methacrylate	7.65	41	10446	1.331 ug/l #		16
49) 1,4-Dioxane	7.70	88	60	0.399 ug/l #		1
51) 4-Methyl-2-Pentanone	8.59	43	205874	21.794 ug/l #		47
53) t-1,3-Dichloropropene	9.03	75	2493	0.225 ug/l #		82
54) cis-1,3-Dichloropropene	8.59	75	84407	7.459 ug/l #		58
59) 2-Hexanone	9.52	43	200959	28.256 ug/l #		50
64) Tetrachloroethene	9.32	164	1701	0.213 ug/l		89
68) m/p-Xylenes	10.34	106	3973	0.318 ug/l		99
74) N-amyl acetate	10.80	43	10922	0.706 ug/l #		52
76) 1,2,3-Trichloropropane	11.12	75	246053	23.561 ug/l #		35
80) 1,3,5-Trimethylbenzene	11.49	105	12129	0.408 ug/l		91
81) trans-1,4-Dichloro-2-buten	11.12	75	246053	59.369 ug/l #		12
82) 4-Chlorotoluene	11.49	91	6990	0.244 ug/l		99

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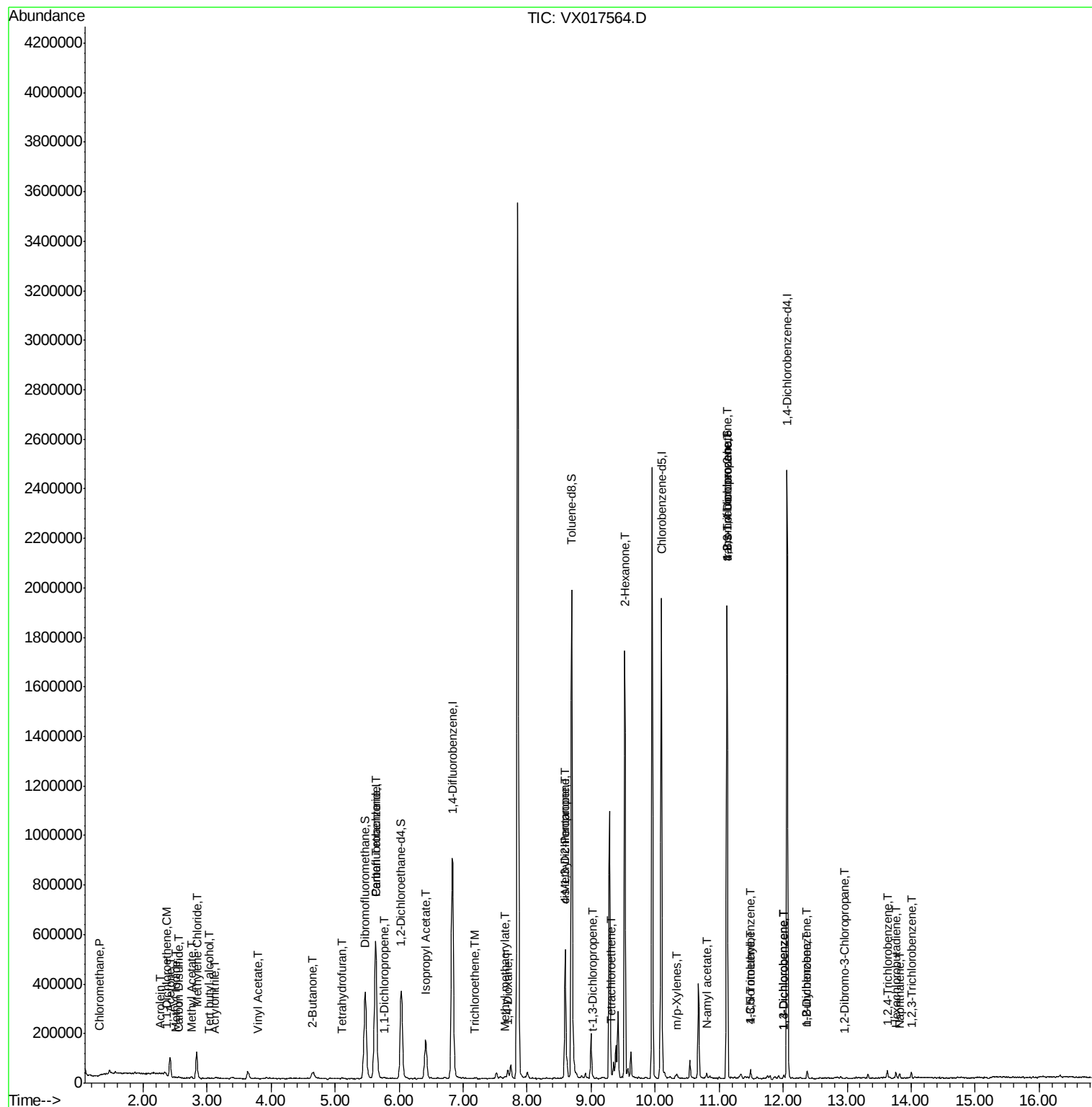
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	12.01	146	4753	0.284	ug/l	82
88) 1,4-Dichlorobenzene	12.01	146	4753	0.274	ug/l	82
89) n-Butylbenzene	12.37	91	8509	0.303	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	3350	0.204	ug/l	83
92) 1,2-Dibromo-3-Chloropropan	12.96	75	663	2.781	ug/l #	41
93) 1,2,4-Trichlorobenzene	13.63	180	6338	0.564	ug/l	92
94) Hexachlorobutadiene	13.76	225	2672	0.517	ug/l	89
95) Naphthalene	13.82	128	12453	0.371	ug/l	96
96) 1,2,3-Trichlorobenzene	14.00	180	5516	0.497	ug/l	85

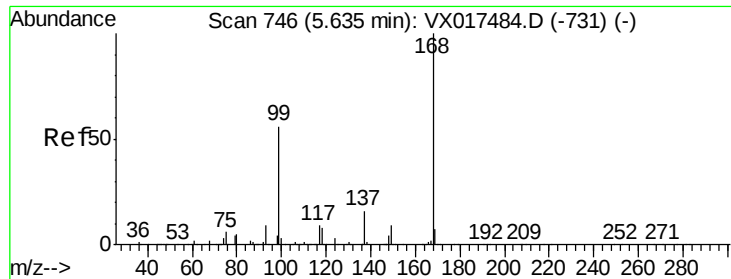
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

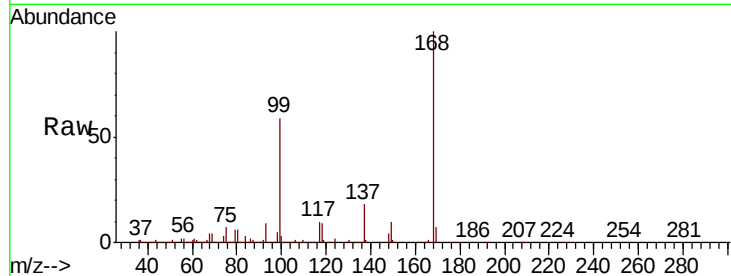
PB130430TB

Tot Ion:168 Resp: 528587

Ion Ratio Lower Upper

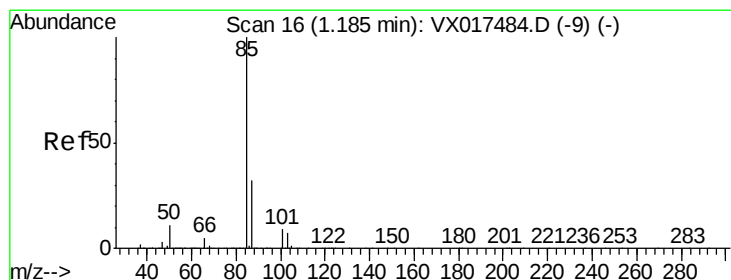
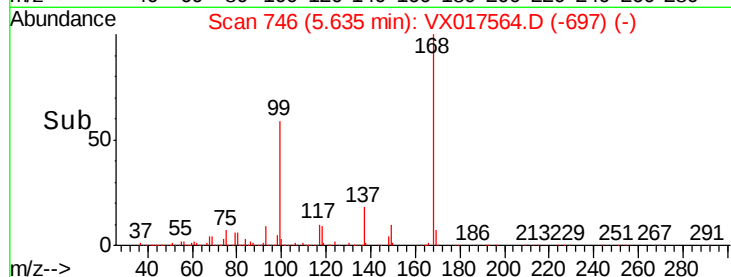
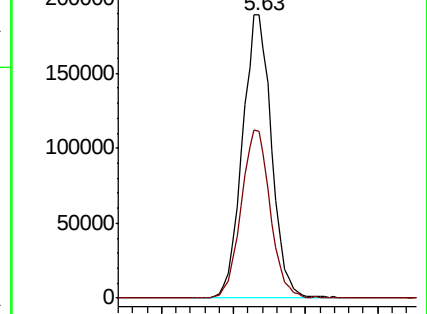
168 100

99 58.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017564.D

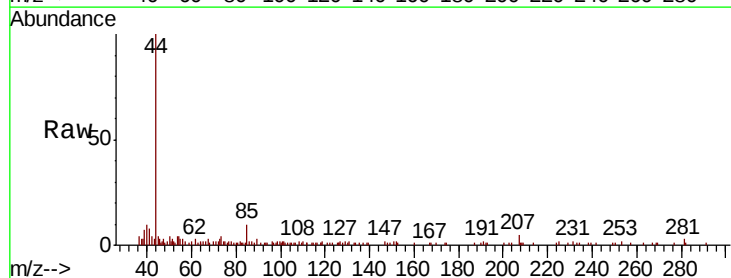
Acq: 25 Jul 2020 02:42

Tgt Ion: 85 Resp: 1120

Ion Ratio Lower Upper

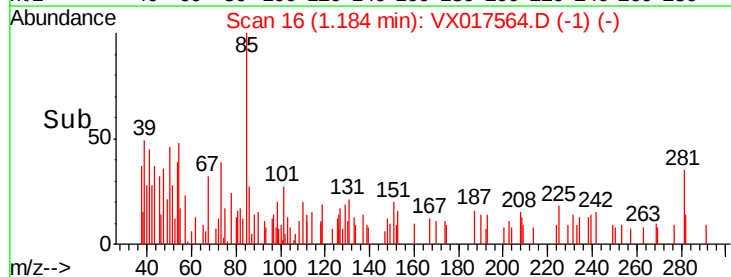
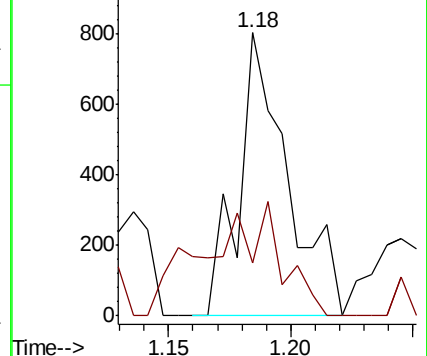
85 100

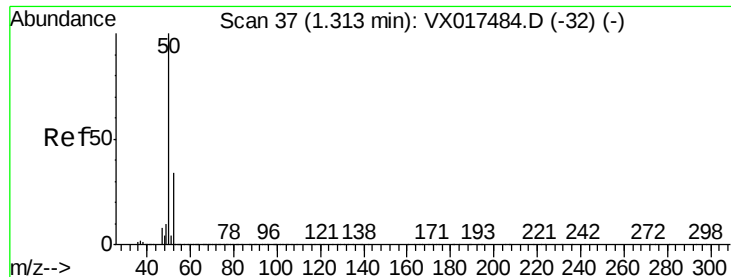
87 18.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.582 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampled :

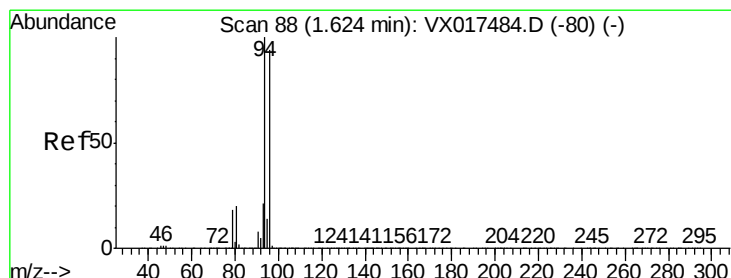
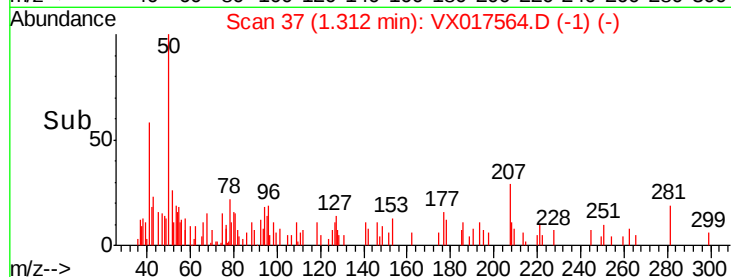
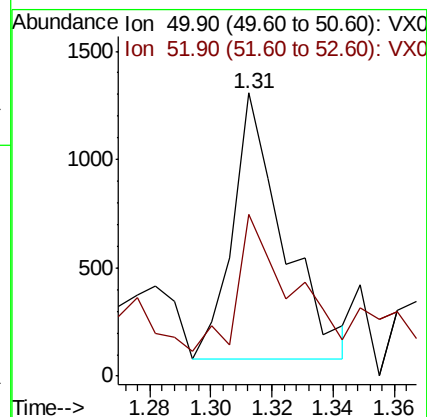
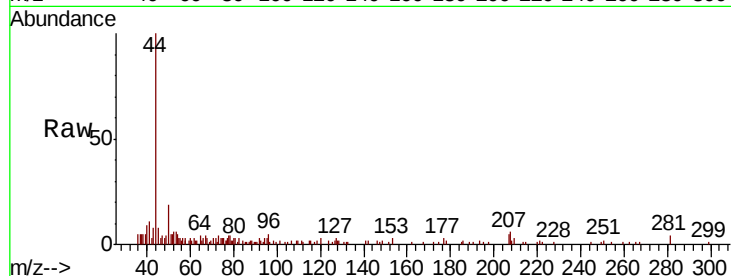
PB130430TB

Tot Ion: 50 Resp: 1413

Ion Ratio Lower Upper

50 100

52 51.8 25.9 38.9#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017564.D

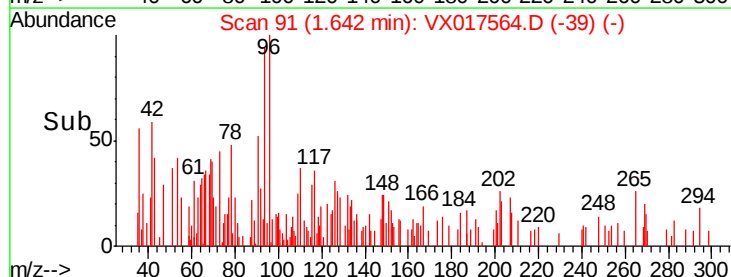
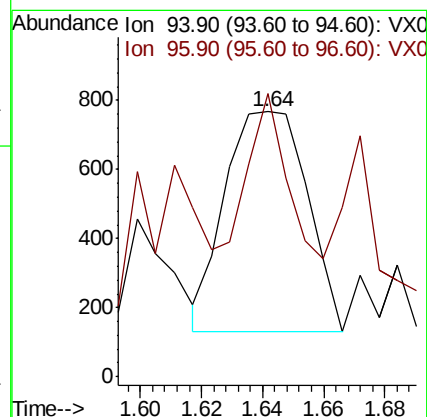
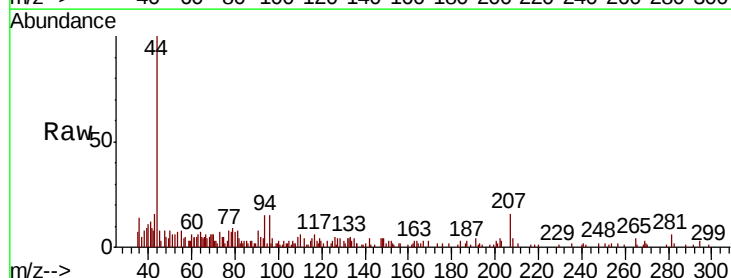
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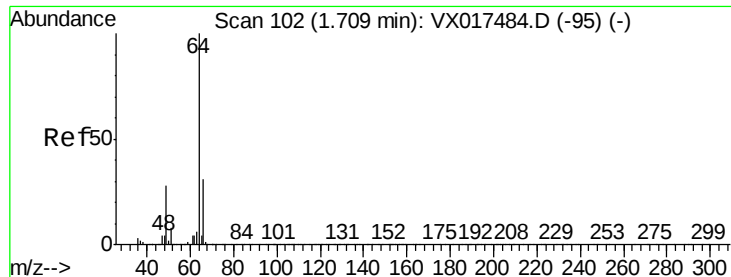
Tgt Ion: 94 Resp: 1185

Ion Ratio Lower Upper

94 100

96 51.5 74.1 111.1#





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

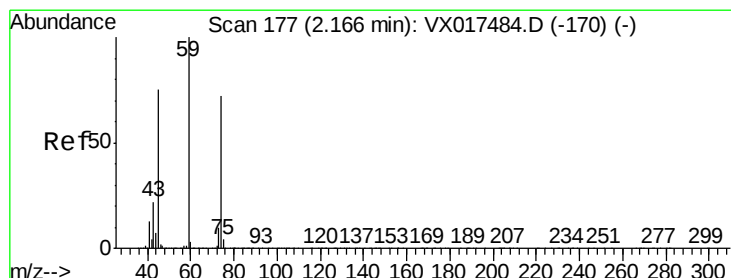
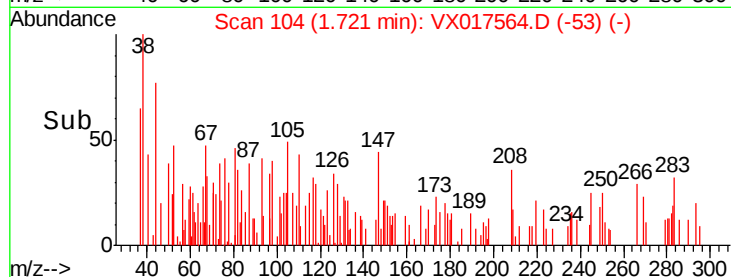
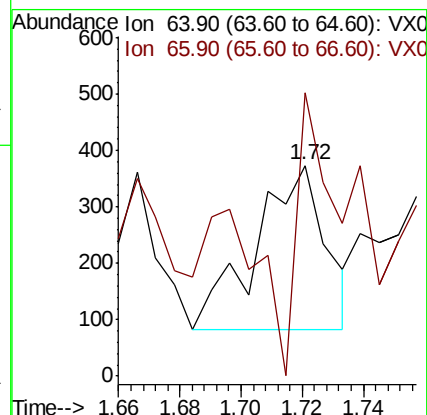
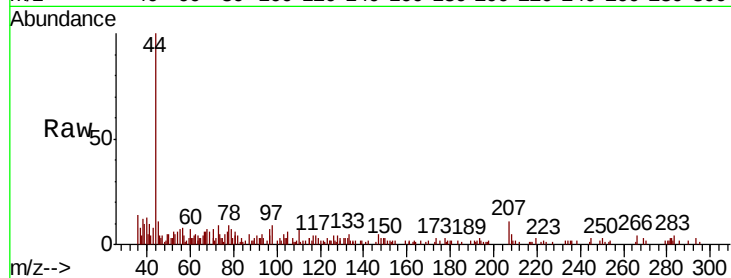
PB130430TB

Tot Ion: 64 Resp: 462

Ion Ratio Lower Upper

64 100

66 112.4 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017564.D

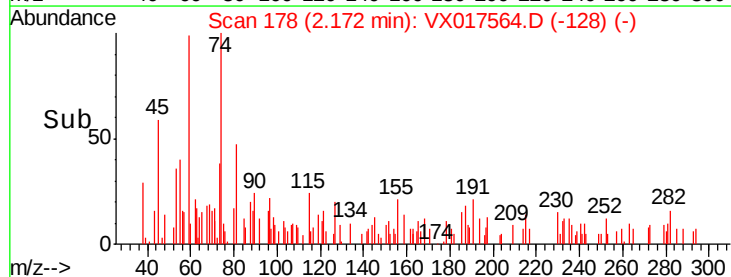
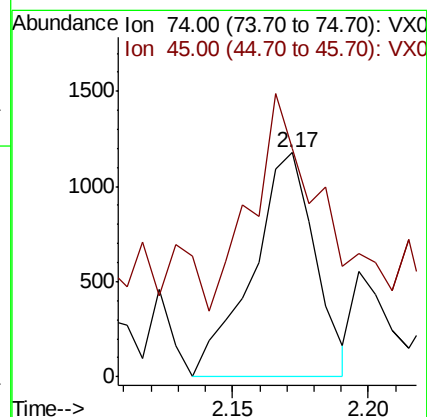
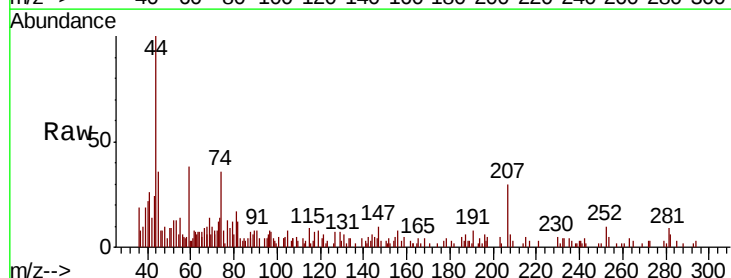
Acq: 25 Jul 2020 02:42

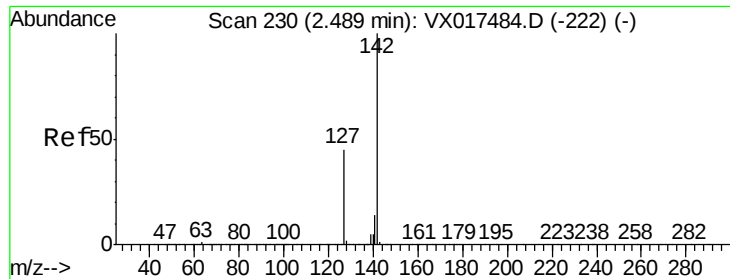
Tgt Ion: 74 Resp: 1870

Ion Ratio Lower Upper

74 100

45 105.8 50.8 152.5





#10

Methyl Iodide

Concen: 0.248 ug/l

RT: 2.51 min Scan# 233

Delta R.T. 0.02 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampled :

PB130430TB

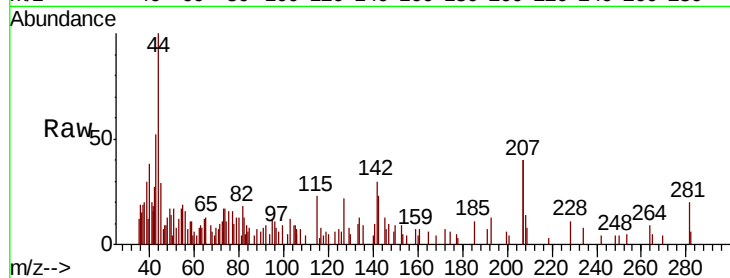
Tot Ion:142 Resp: 1820

Ion Ratio Lower Upper

142 100

127 0.0 35.9 53.9#

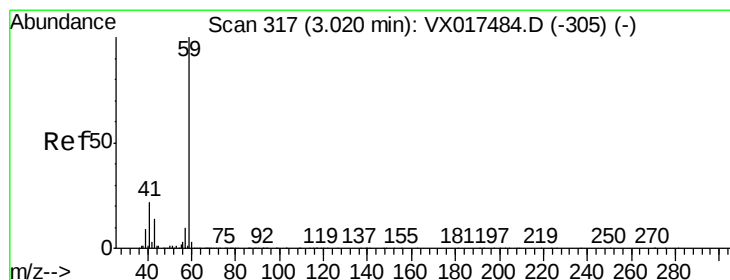
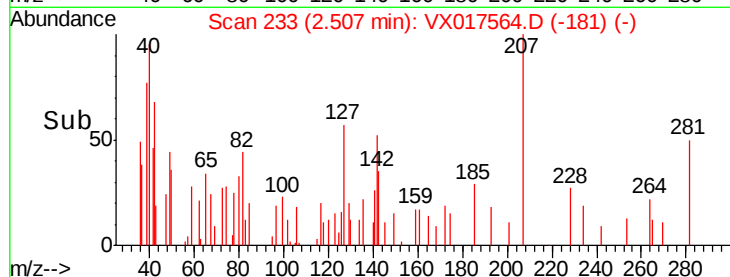
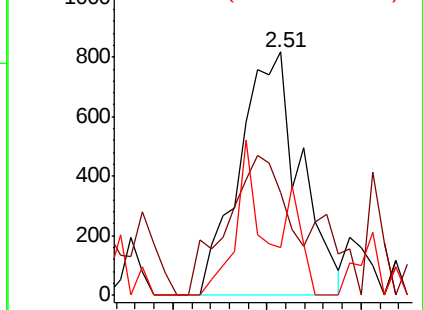
141 10.9 11.4 17.0#



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: 2.275 ug/l

RT: 3.03 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX017564.D

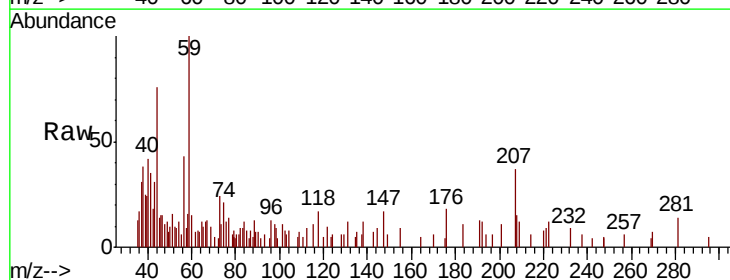
Acq: 25 Jul 2020 02:42

Tgt Ion: 59 Resp: 3256

Ion Ratio Lower Upper

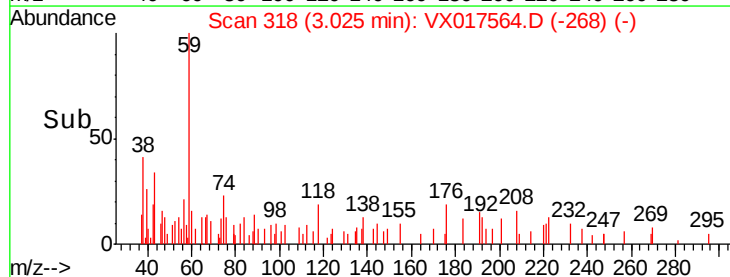
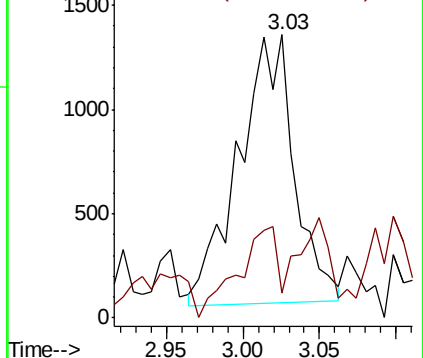
59 100

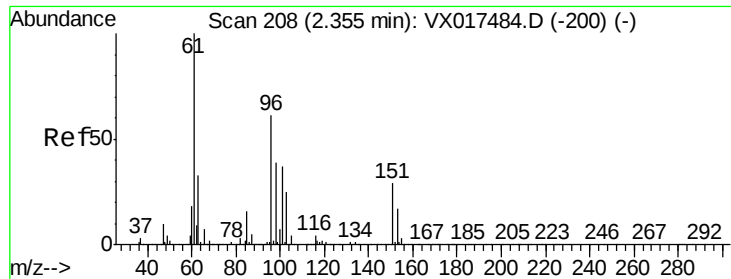
57 24.3 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

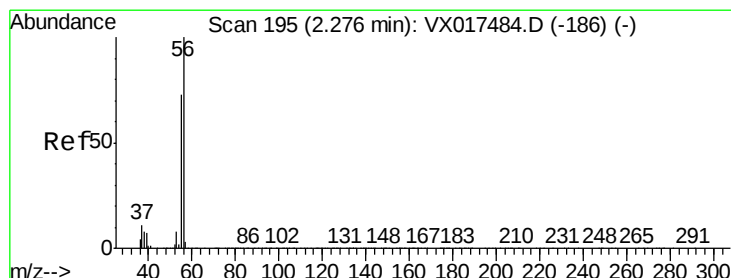
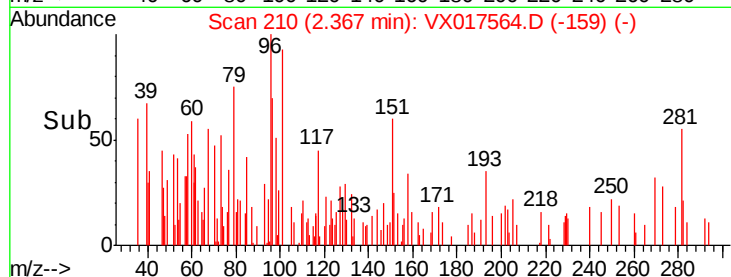
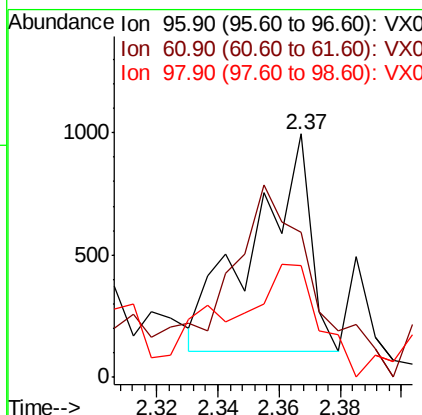
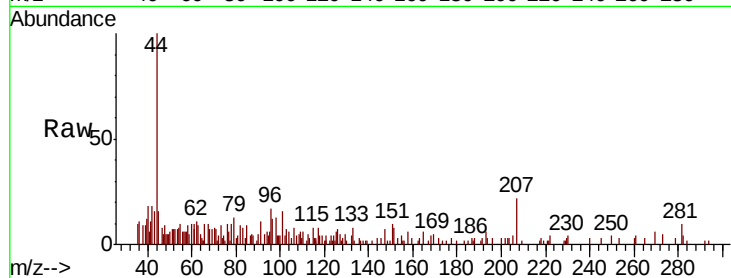




#12
 1,1-Dichloroethene
 Concen: 0.209 ug/l
 RT: 2.37 min Scan# 210
 Delta R.T. 0.01 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

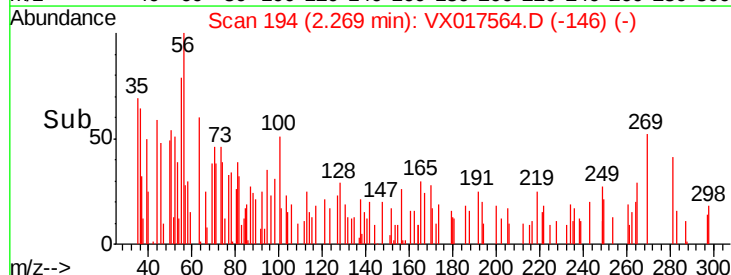
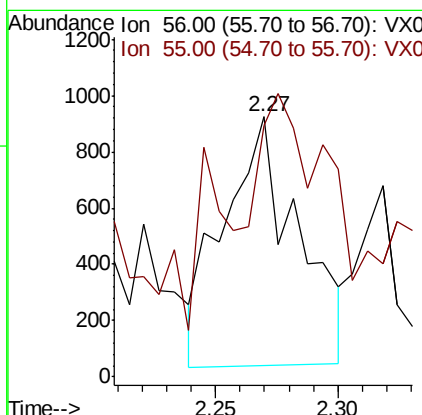
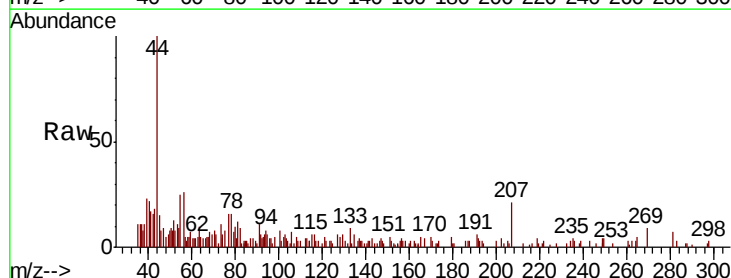
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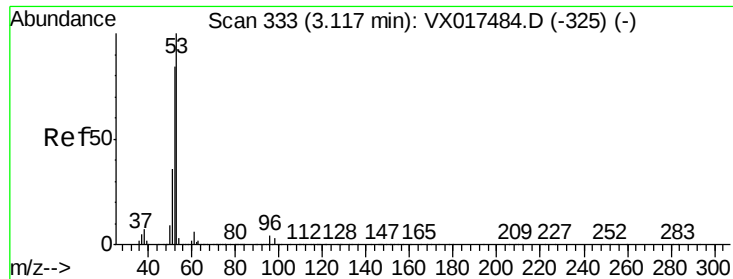
Tot Ion: 96 Resp: 1142
 Ion Ratio Lower Upper
 96 100
 61 45.6 134.0 201.0#
 98 31.5 51.0 76.4#



#13
 Acrolein
 Concen: 5.825 ug/l
 RT: 2.27 min Scan# 194
 Delta R.T. -0.01 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

Tgt Ion: 56 Resp: 1863
 Ion Ratio Lower Upper
 56 100
 55 53.6 57.4 86.2#

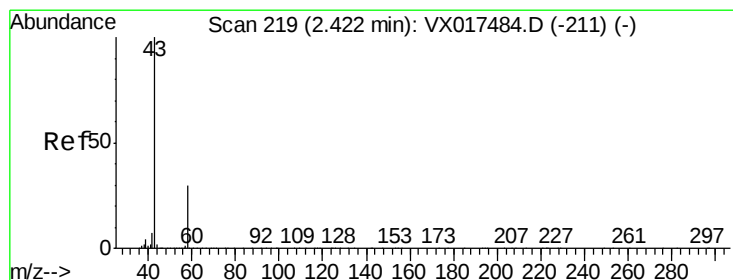
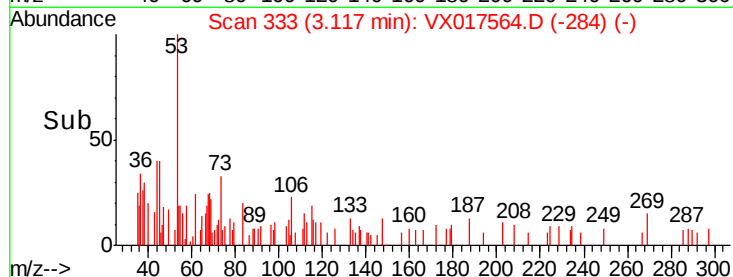
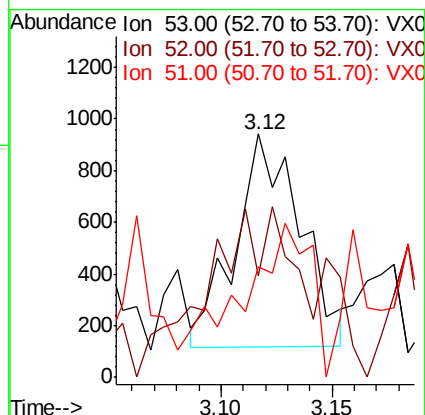
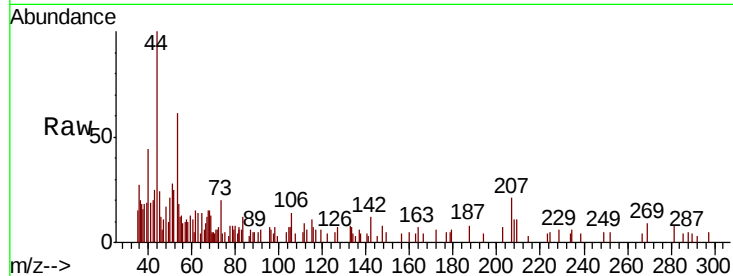




#15
 Acrylonitrile
 Concen: 0.542 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

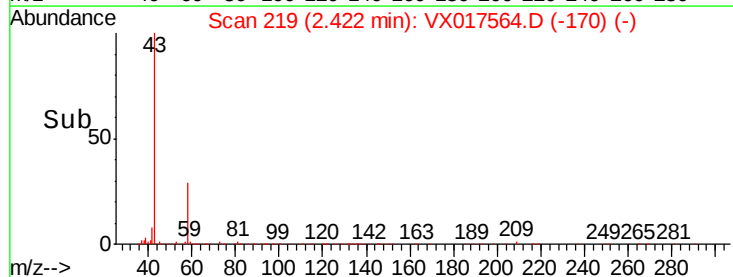
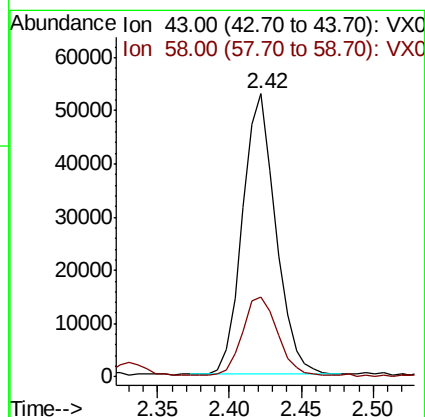
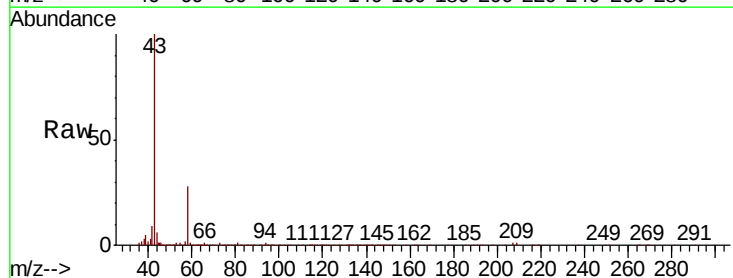
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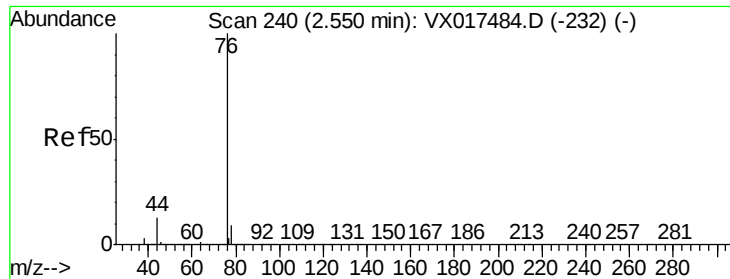
Tot Ion: 53 Resp: 1674
 Ion Ratio Lower Upper
 53 100
 52 67.6 66.6 99.8
 51 79.5 29.4 44.2#



#16
 Acetone
 Concen: 28.161 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

Tgt Ion: 43 Resp: 84158
 Ion Ratio Lower Upper
 43 100
 58 28.1 24.2 36.4

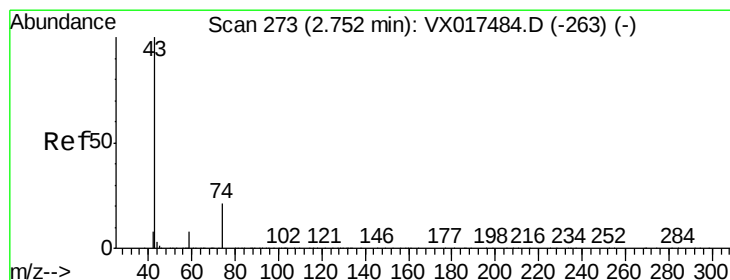
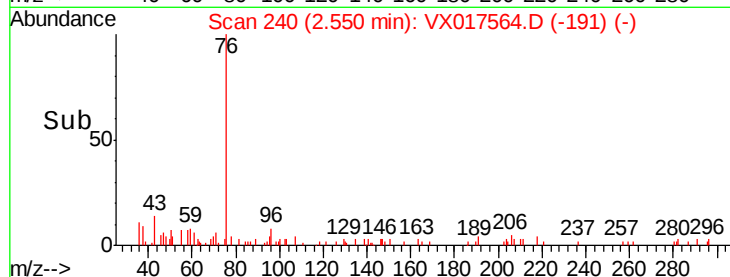
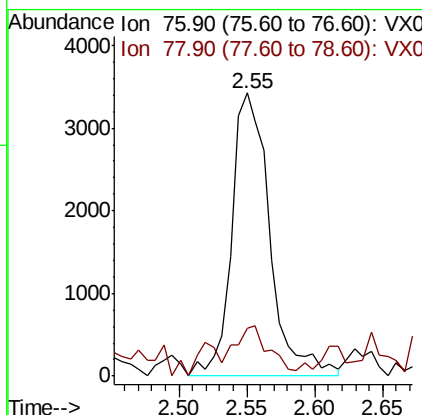
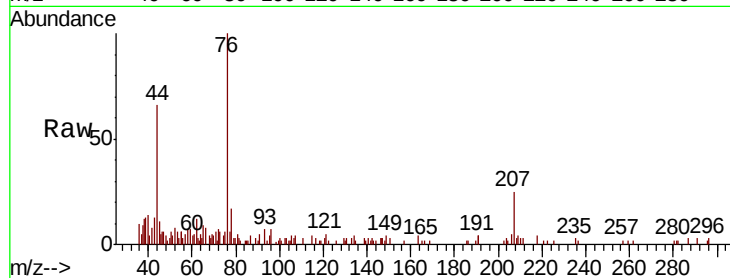




#17
Carbon Disulfide
Concen: 0.403 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017564.D
Acq: 25 Jul 2020 02:42

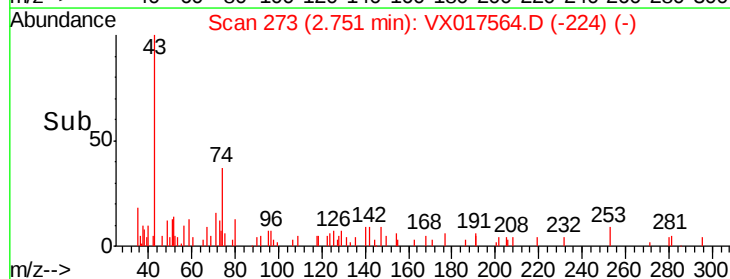
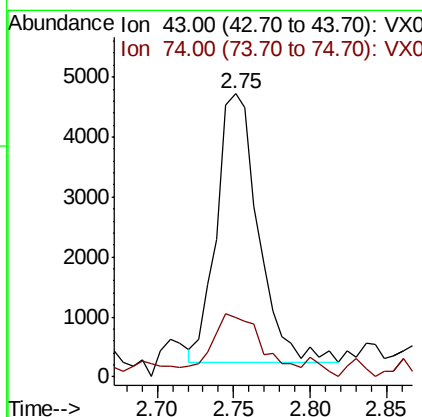
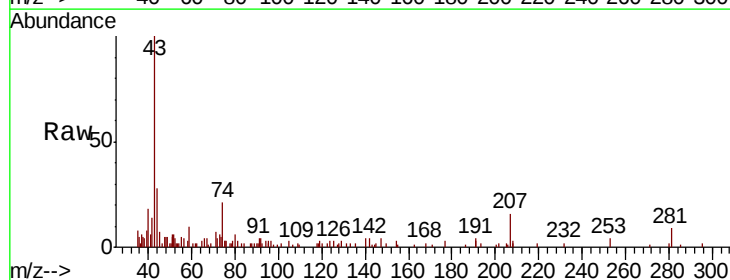
Instrument :
MSVOA_X
ClientSampleId :
PB130430TB

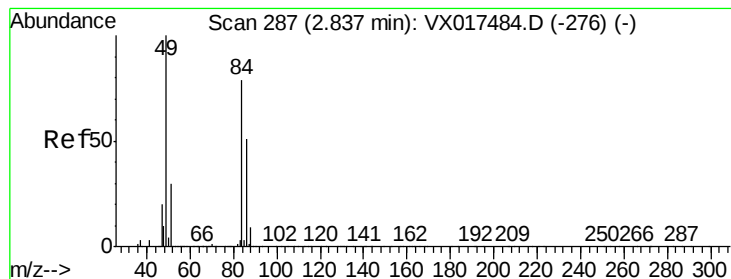
Tot Ion: 76 Resp: 6687
Ion Ratio Lower Upper
76 100
78 16.8 7.5 11.3#



#18
Methyl Acetate
Concen: 1.204 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017564.D
Acq: 25 Jul 2020 02:42

Tgt Ion: 43 Resp: 8476
Ion Ratio Lower Upper
43 100
74 24.6 17.5 26.3





#20

Methylene Chloride

Concen: 7.693 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampled :

PB130430TB

Tot Ion: 84 Resp: 49415

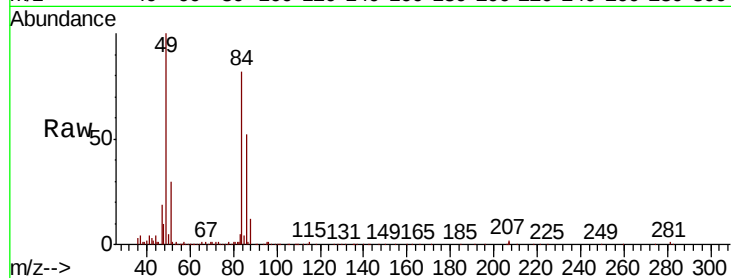
Ion Ratio Lower Upper

84 100

49 121.4 100.3 150.5

51 36.6 30.5 45.7

86 62.5 51.1 76.7

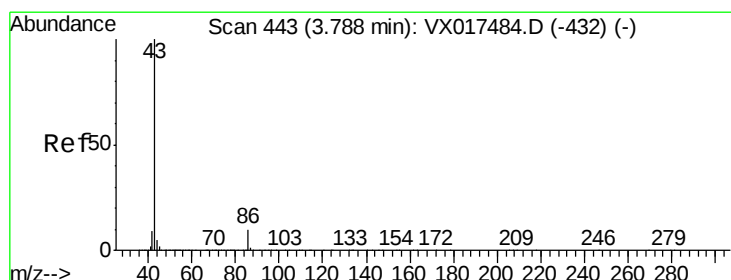
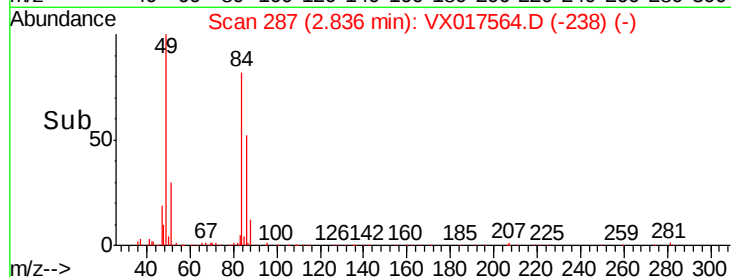
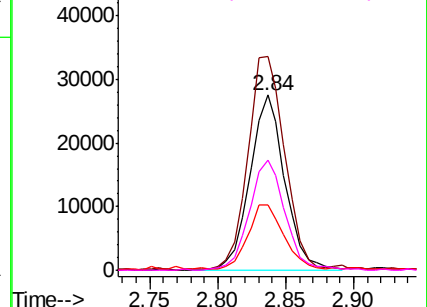


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#23

Vinyl Acetate

Concen: 0.231 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017564.D

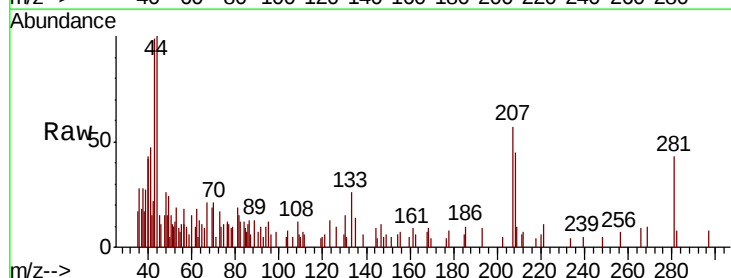
Acq: 25 Jul 2020 02:42

Tgt Ion: 43 Resp: 3748

Ion Ratio Lower Upper

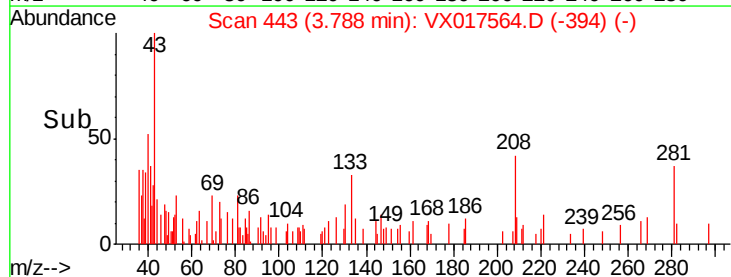
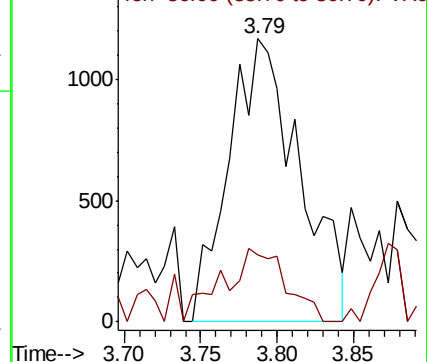
43 100

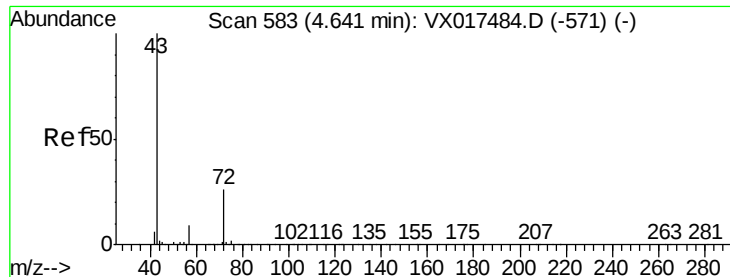
86 23.9 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#25

2-Butanone

Concen: 4.252 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

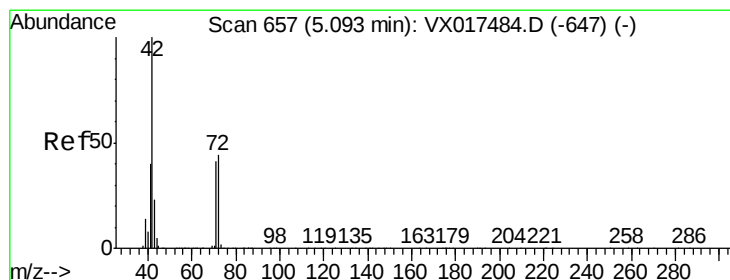
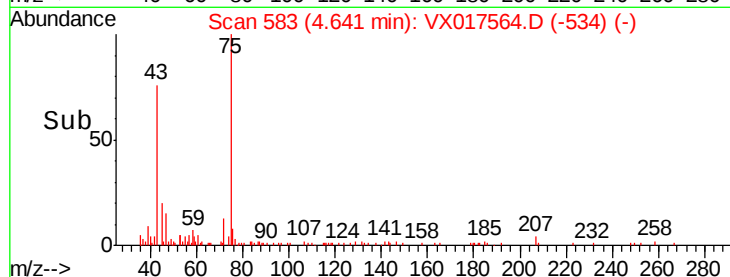
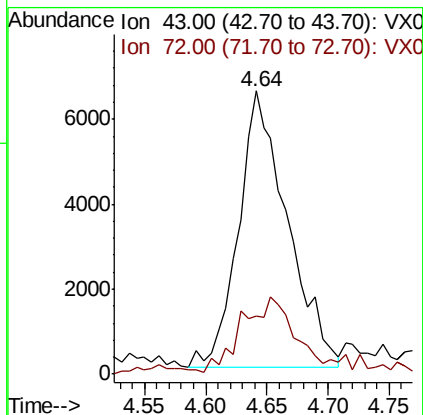
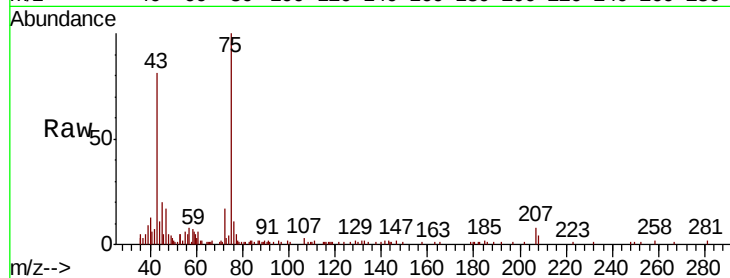
PB130430TB

Tot Ion: 43 Resp: 18053

Ion Ratio Lower Upper

43 100

72 19.6 19.0 28.4



#29

Tetrahydrofuran

Concen: 1.661 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

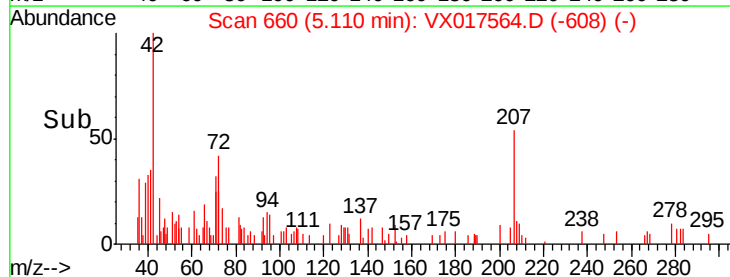
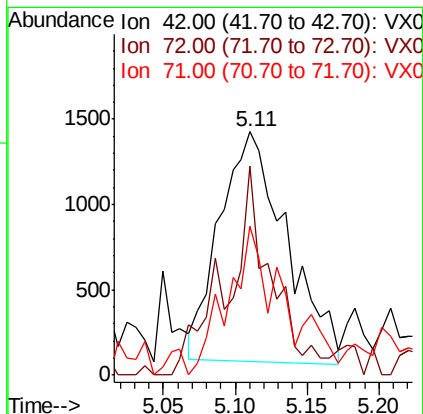
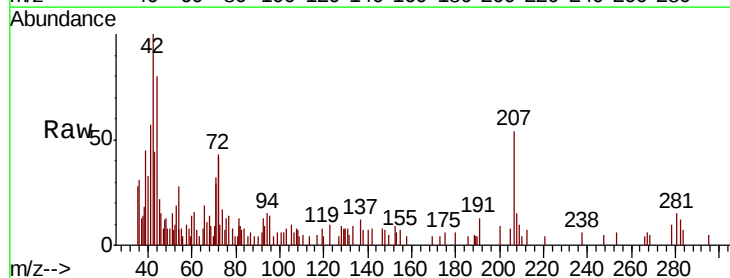
Tgt Ion: 42 Resp: 4367

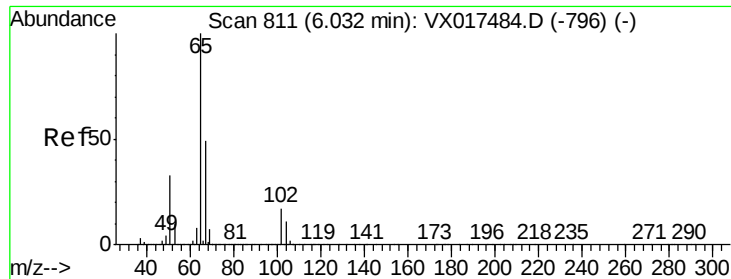
Ion Ratio Lower Upper

42 100

72 39.7 35.5 53.3

71 44.6 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 51.720 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

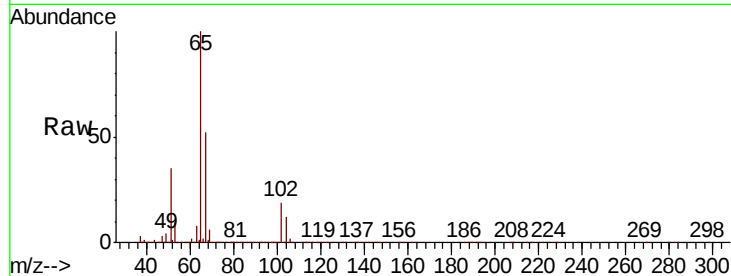
PB130430TB

Tot Ion: 65 Resp: 351178

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

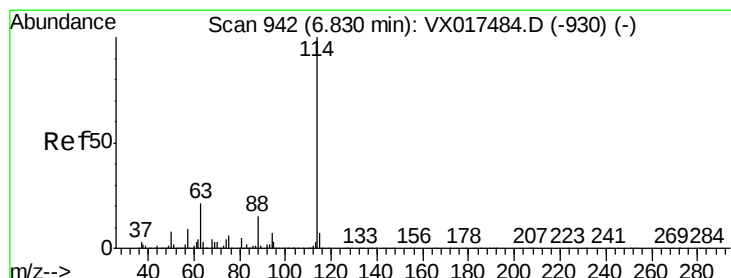
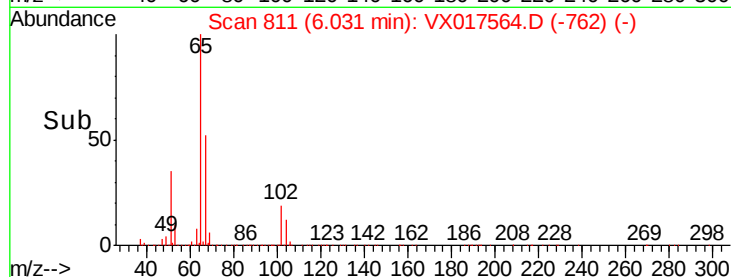
100000

50000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

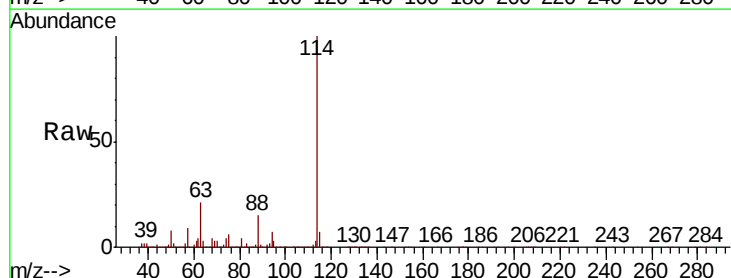
Tgt Ion: 114 Resp: 914392

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.6

88 15.2 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

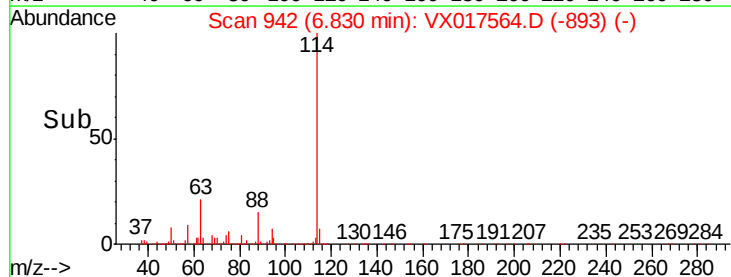
200000

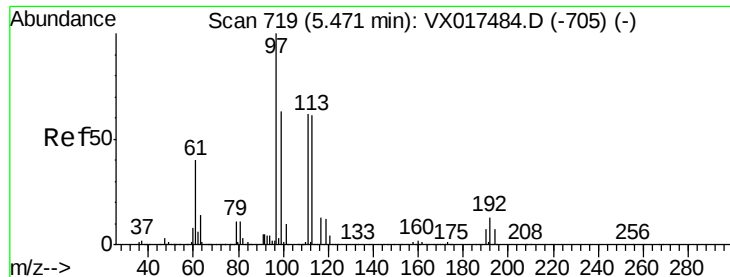
100000

0

6.60 6.70 6.80 6.90 7.00

Time-->

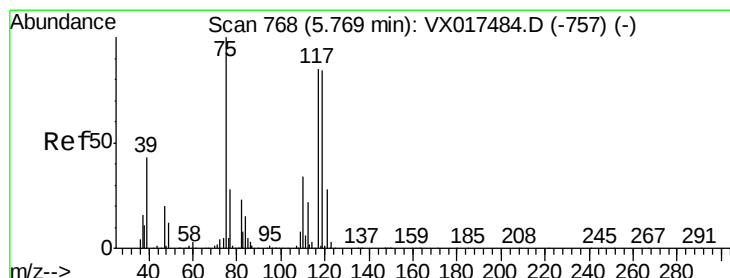
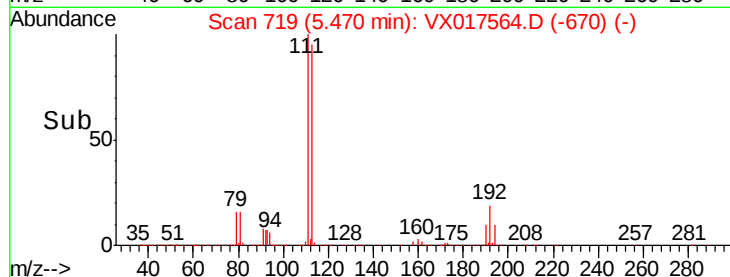
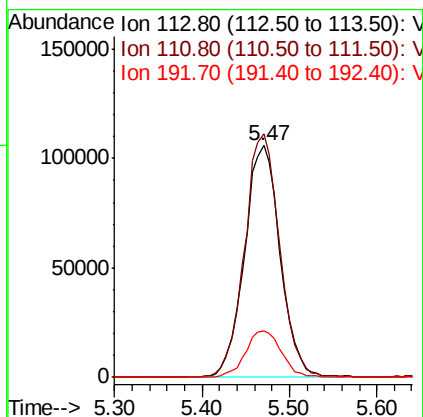
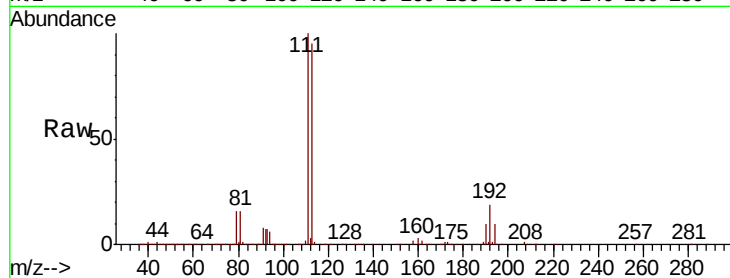




#35
 Dibromofluoromethane
 Concen: 49.152 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

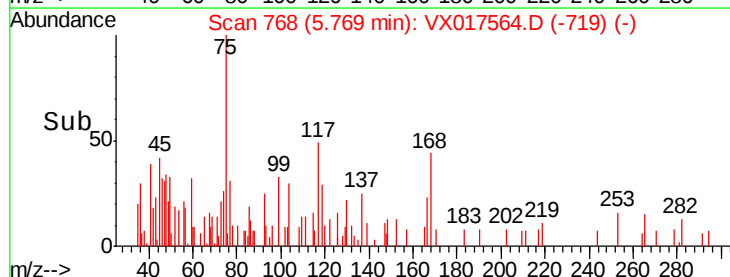
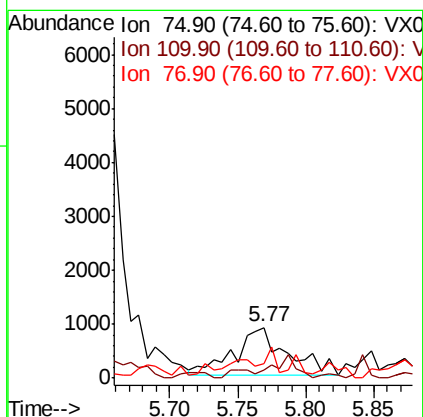
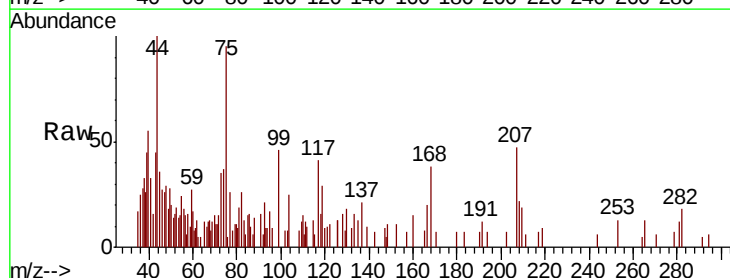
Instrument :
 MSVOA_X
 ClientSampled :
 PB130430TB

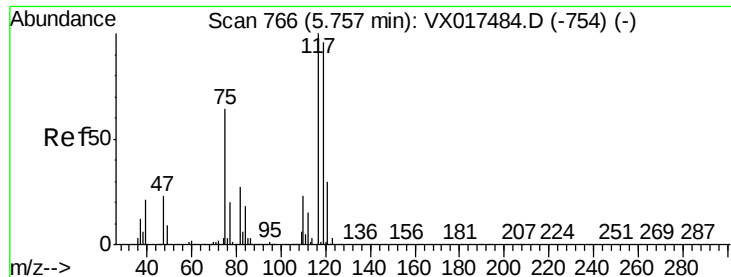
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.7	121.1
192	20.4	16.9	25.3



#36
 1,1-Dichloropropene
 Concen: 0.274 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.1	54.3#
77	14.5	24.6	37.0#





#38

Carbon Tetrachloride

Concen: 5.078 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

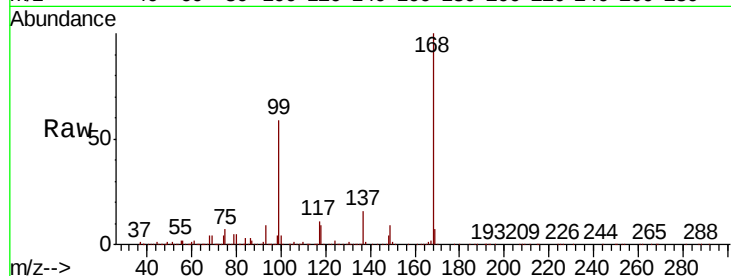
Tot Ion:117 Resp: 54082

Ion Ratio Lower Upper

117 100

119 3.9 75.4 113.0#

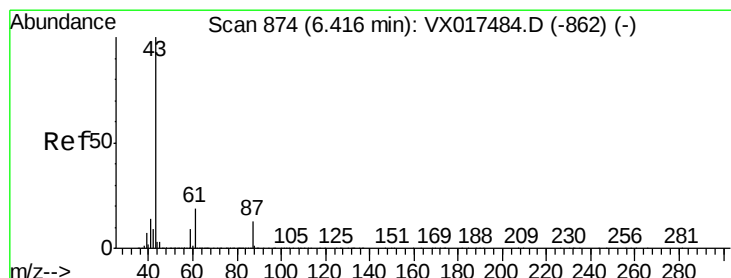
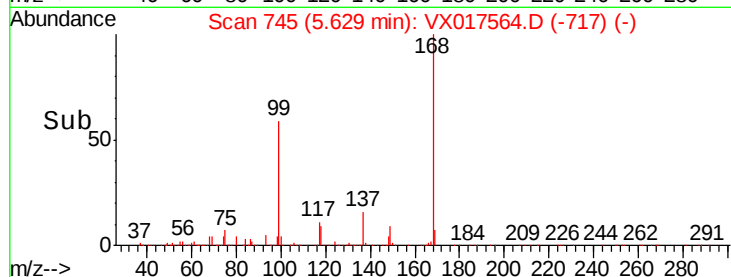
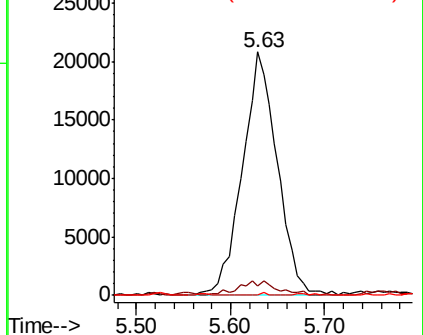
121 0.4 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 13.506 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

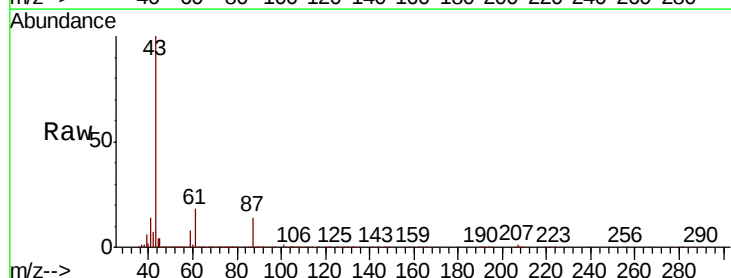
Tgt Ion: 43 Resp: 213823

Ion Ratio Lower Upper

43 100

61 20.0 15.5 23.3

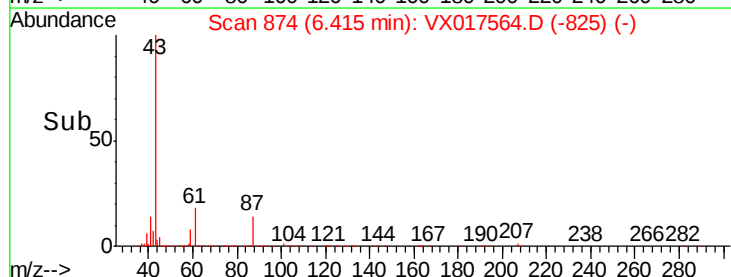
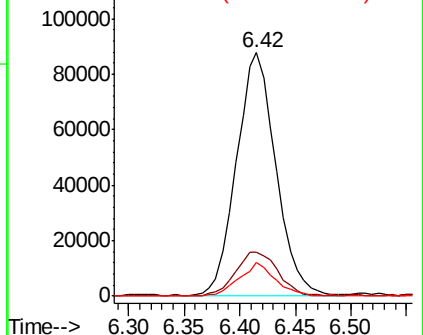
87 12.9 10.5 15.7

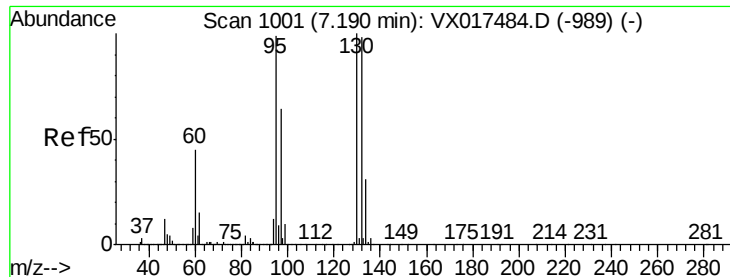


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.204 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

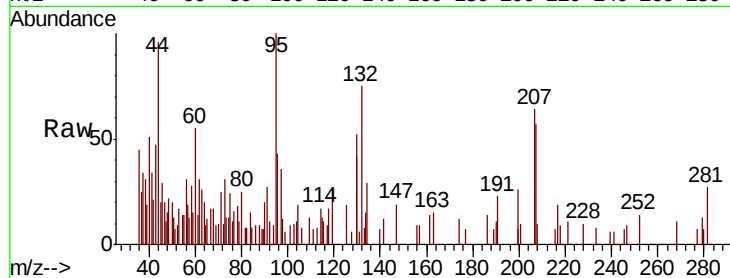
PB130430TB

Tot Ion:130 Resp: 1496

Ion Ratio Lower Upper

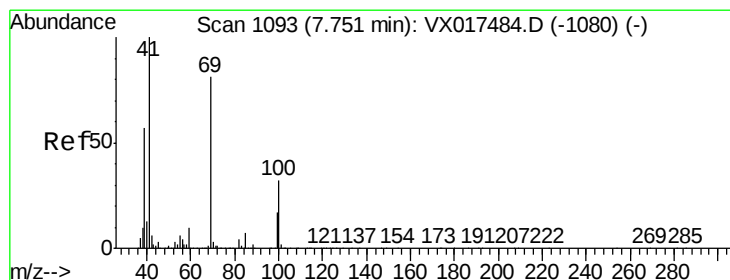
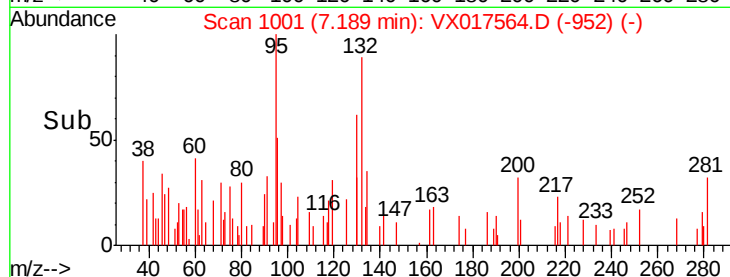
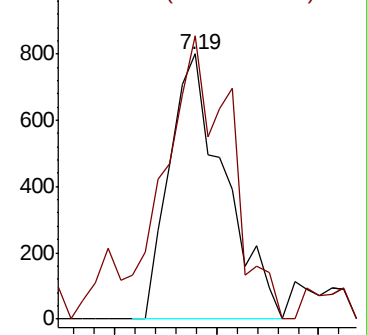
130 100

95 106.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#48

Methyl methacrylate

Concen: 1.331 ug/l

RT: 7.65 min Scan# 1077

Delta R.T. -0.10 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

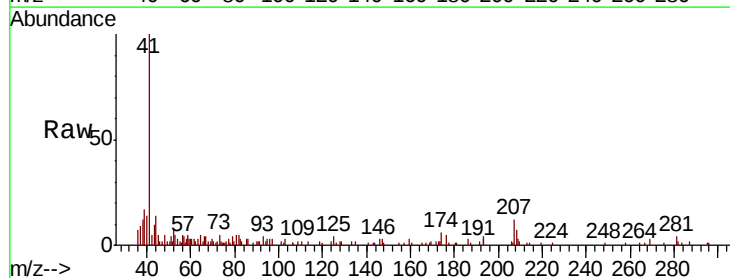
Tgt Ion: 41 Resp: 10446

Ion Ratio Lower Upper

41 100

69 1.5 63.1 94.7#

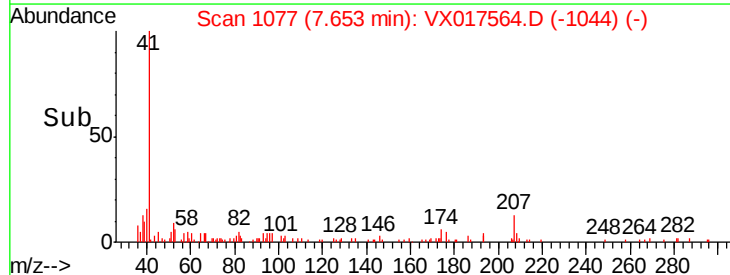
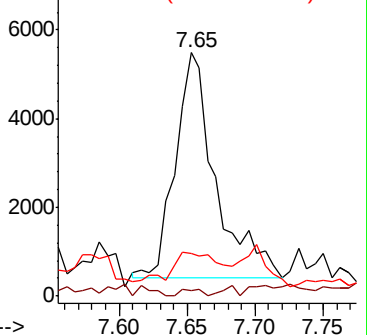
39 0.0 45.1 67.7#

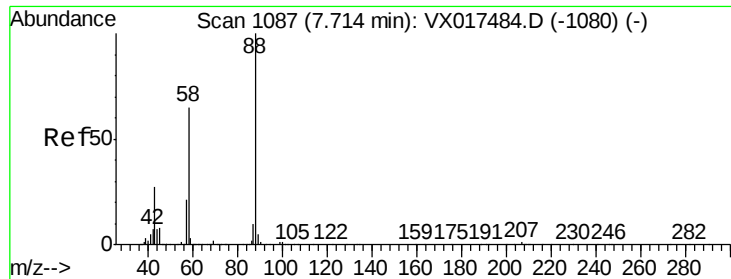


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.399 ug/l

RT: 7.70 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

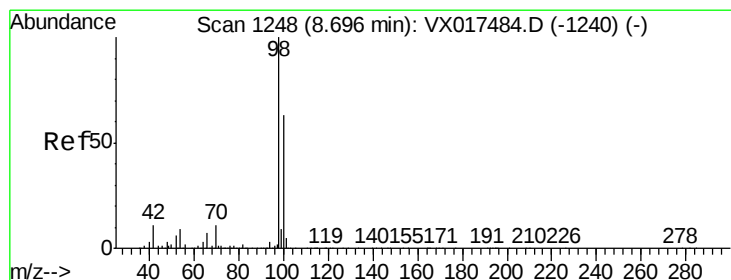
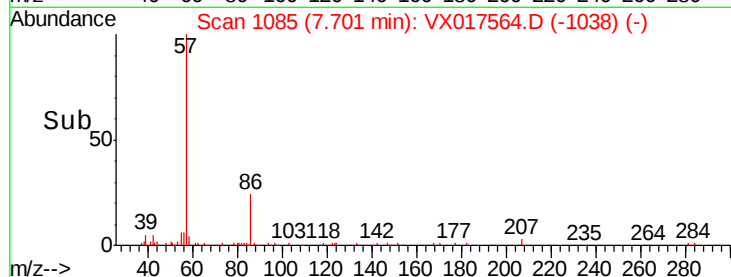
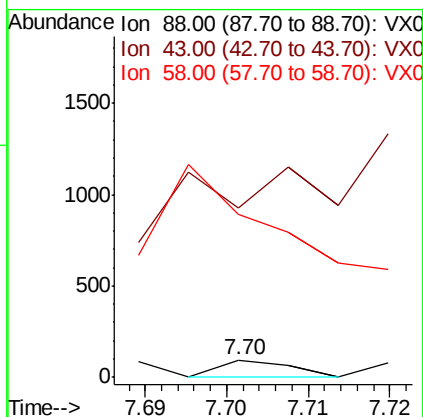
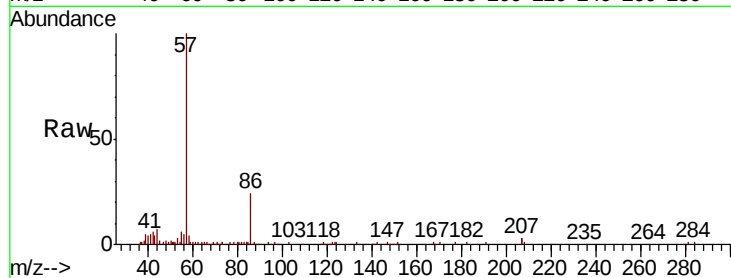
Tot Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.6#

58 3571.7 58.3 87.5#



#50

Toluene-d8

Concen: 53.139 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017564.D

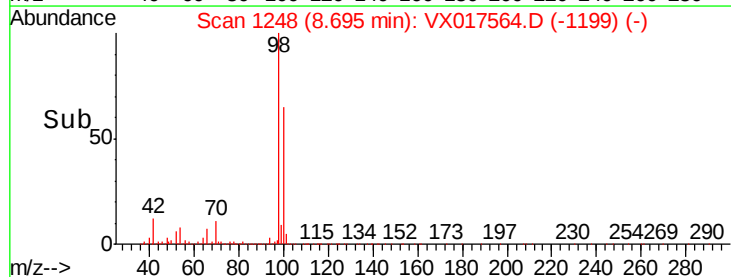
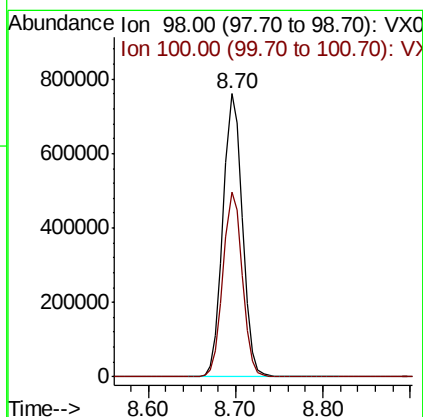
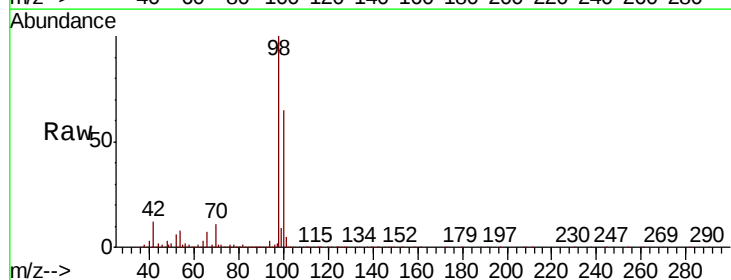
Acq: 25 Jul 2020 02:42

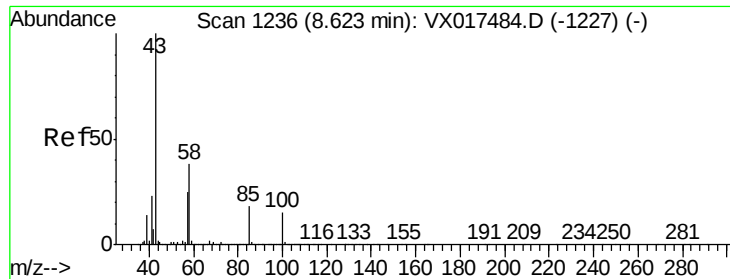
Tgt Ion: 98 Resp: 1172331

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 21.794 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

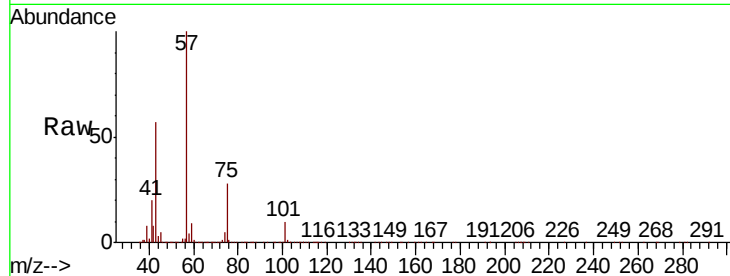
PB130430TB

Tot Ion: 43 Resp: 205874

Ion Ratio Lower Upper

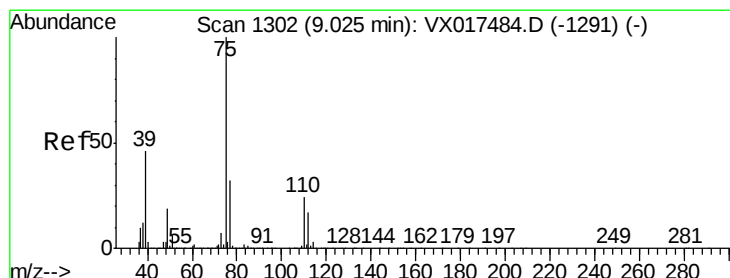
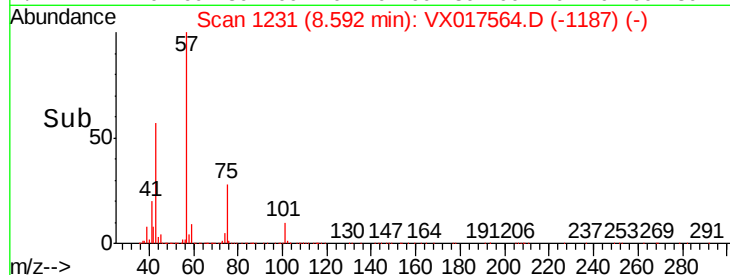
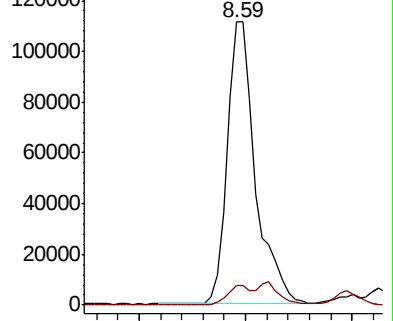
43 100

58 6.3 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.225 ug/l

RT: 9.03 min Scan# 1303

Delta R.T. 0.01 min

Lab File: VX017564.D

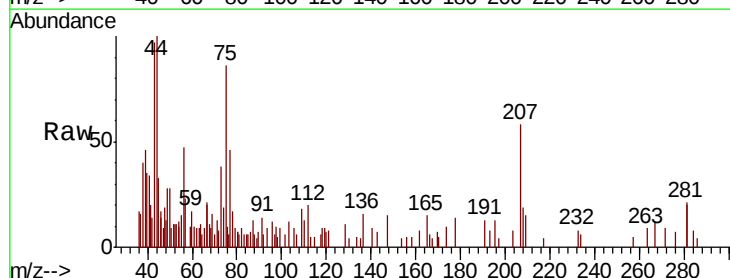
Acq: 25 Jul 2020 02:42

Tgt Ion: 75 Resp: 2493

Ion Ratio Lower Upper

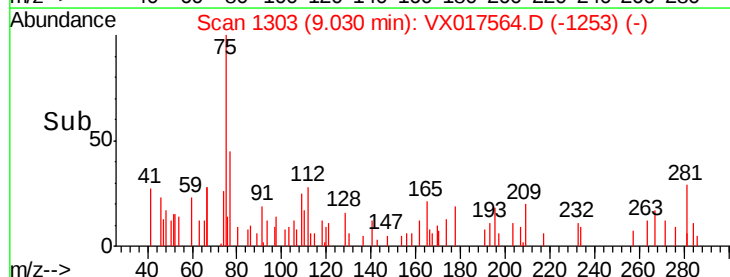
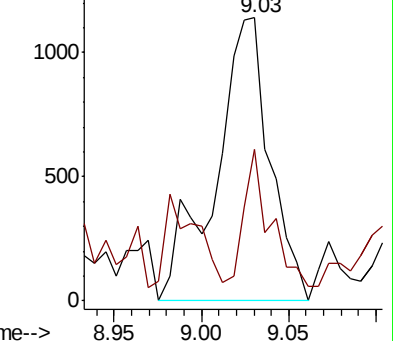
75 100

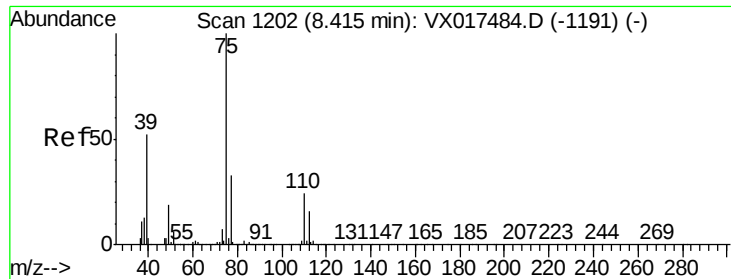
77 42.0 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 7.459 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. 0.18 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

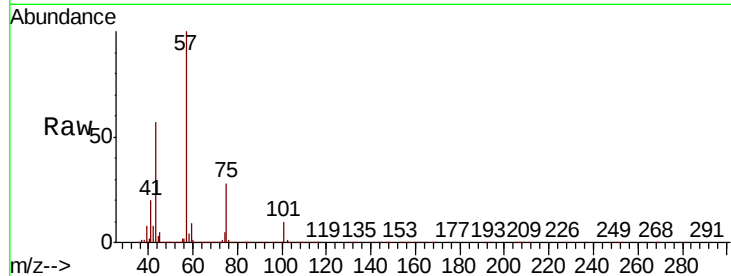
Tot Ion: 75 Resp: 84407

Ion Ratio Lower Upper

75 100

77 0.5 25.5 38.3#

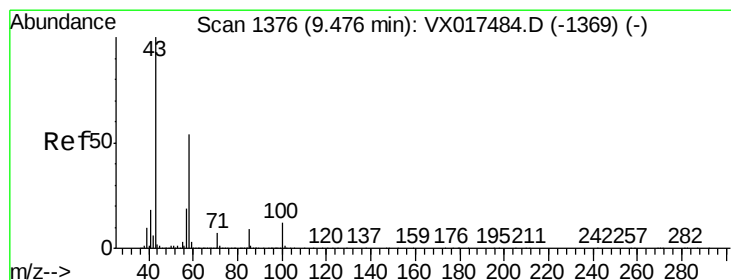
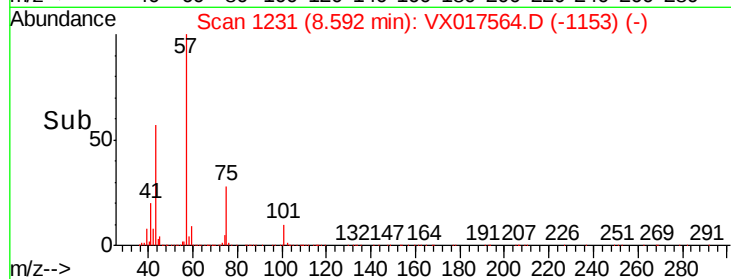
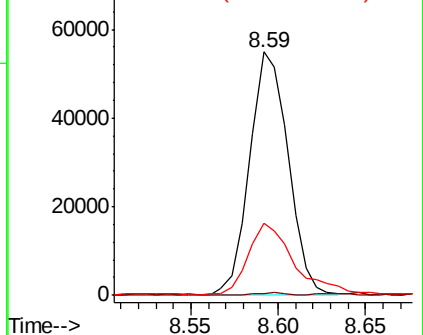
39 29.0 41.8 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#59

2-Hexanone

Concen: 28.256 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX017564.D

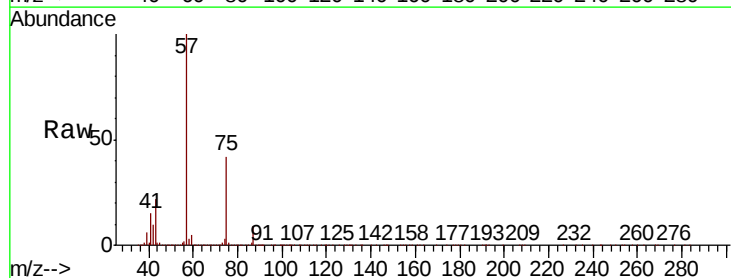
Acq: 25 Jul 2020 02:42

Tgt Ion: 43 Resp: 200959

Ion Ratio Lower Upper

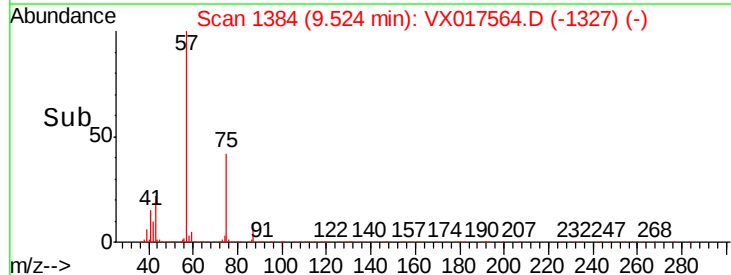
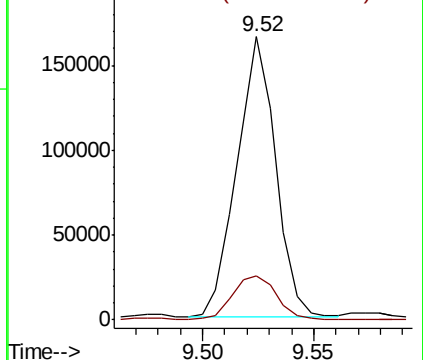
43 100

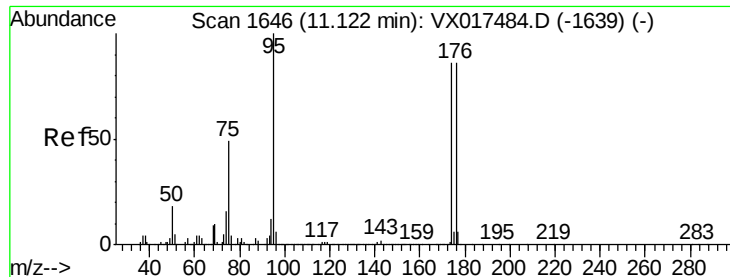
58 17.9 26.6 79.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.227 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

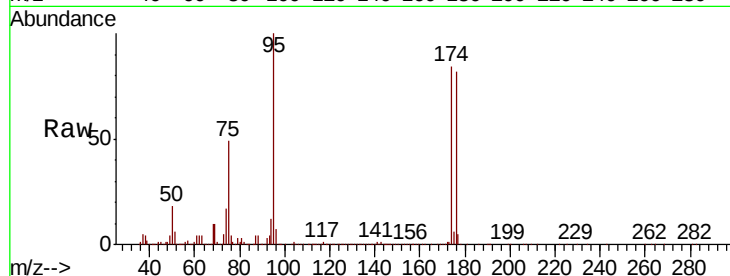
Tot Ion: 95 Resp: 487604

Ion Ratio Lower Upper

95 100

174 81.5 0.0 169.0

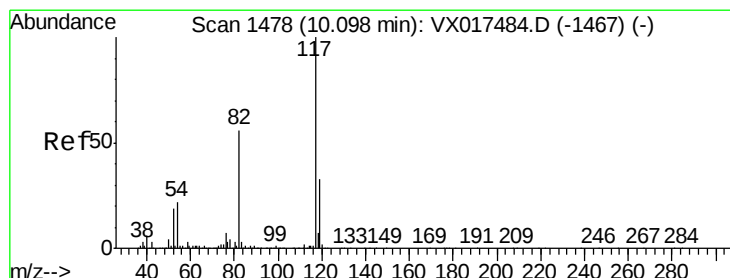
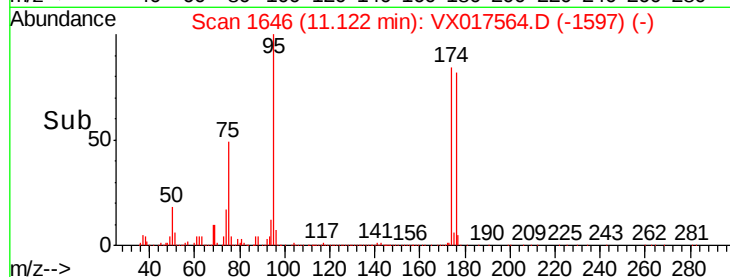
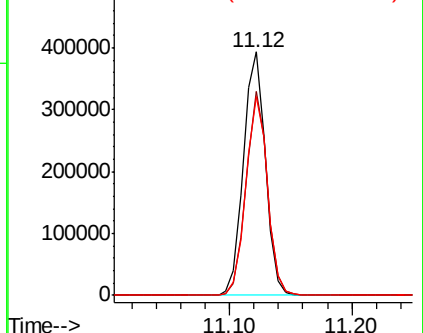
176 80.7 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

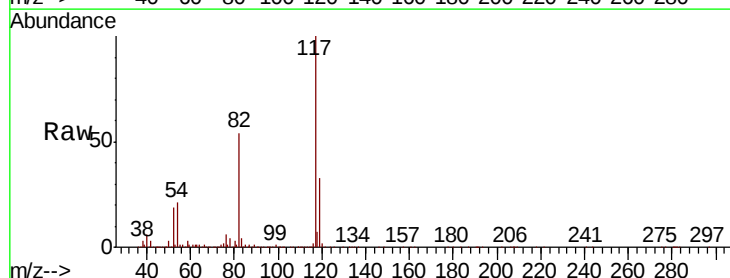
Tgt Ion: 117 Resp: 891311

Ion Ratio Lower Upper

117 100

82 54.1 44.0 66.0

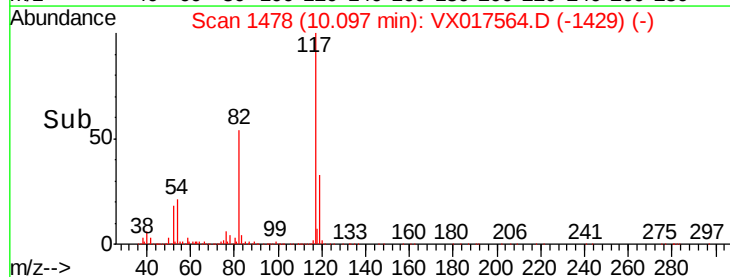
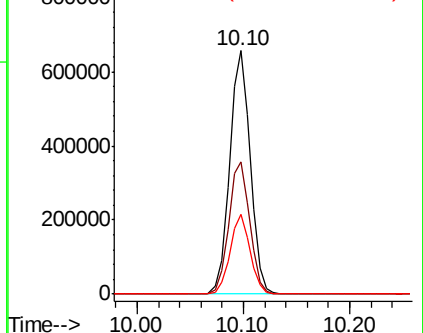
119 32.7 25.4 38.0

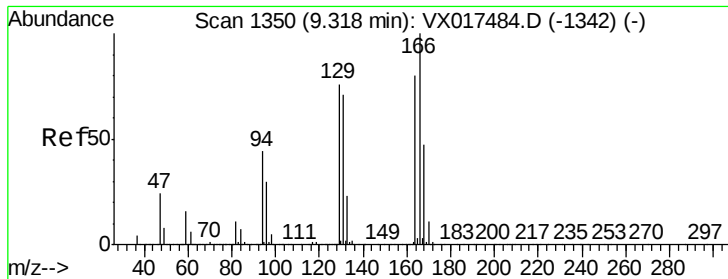


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 0.213 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

Tot Ion:164 Resp: 1701

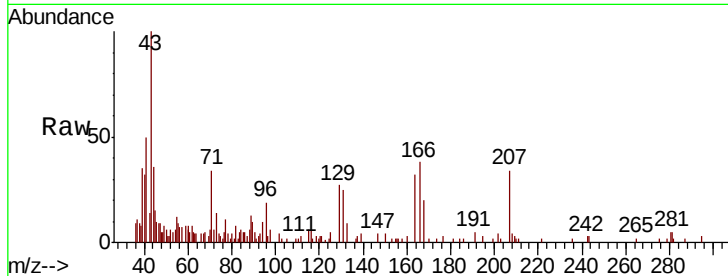
Ion Ratio Lower Upper

164 100

166 116.8 100.6 150.8

129 84.3 75.0 112.6

131 76.5 75.2 112.8

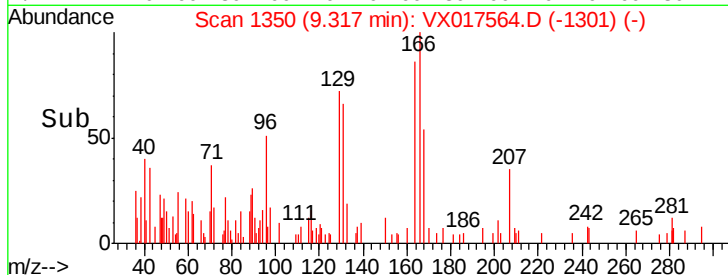


Abundance Ion 163.80 (163.50 to 164.50): V

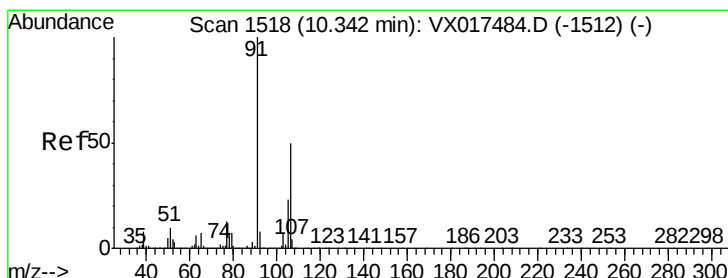
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#68

m/p-Xylenes

Concen: 0.318 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017564.D

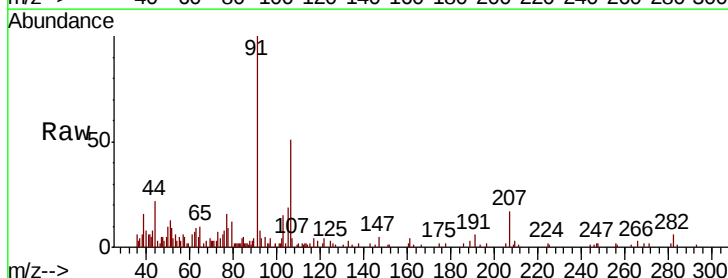
Acq: 25 Jul 2020 02:42

Tgt Ion:106 Resp: 3973

Ion Ratio Lower Upper

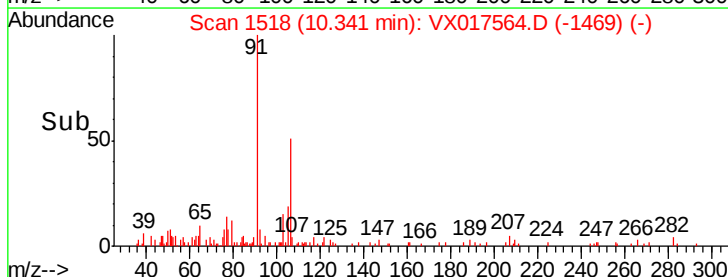
106 100

91 198.9 160.9 241.3

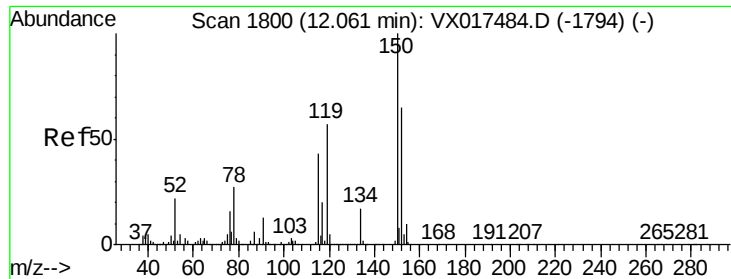


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

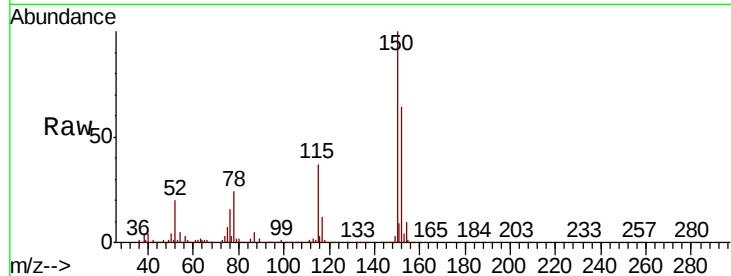
Tot Ion:152 Resp: 507674

Ion Ratio Lower Upper

152 100

115 57.3 65.5 196.6#

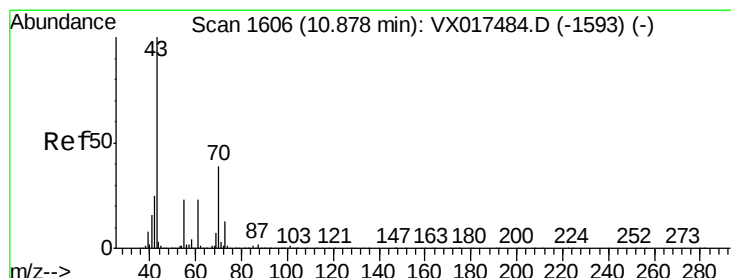
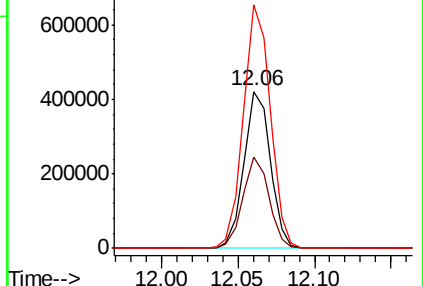
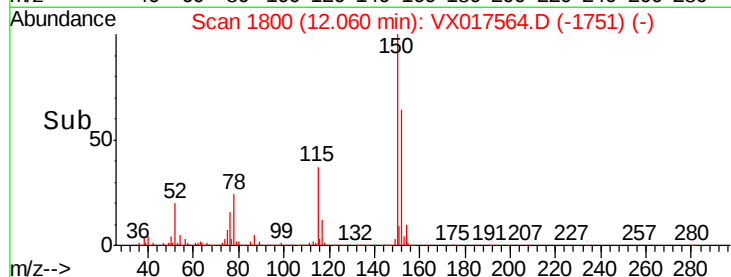
150 157.9 0.0 412.6



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-ethyl acetate

Concen: 0.706 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Tgt Ion: 43 Resp: 10922

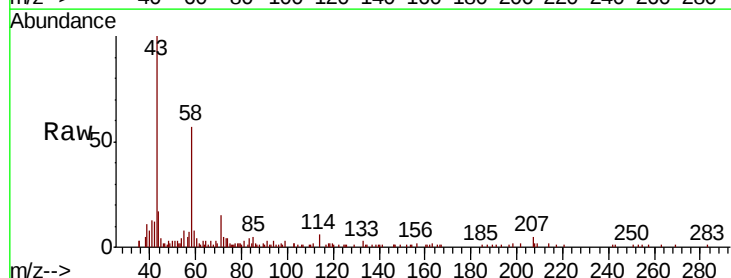
Ion Ratio Lower Upper

43 100

70 2.8 32.3 48.5#

55 10.6 18.4 27.6#

61 0.0 18.6 28.0#

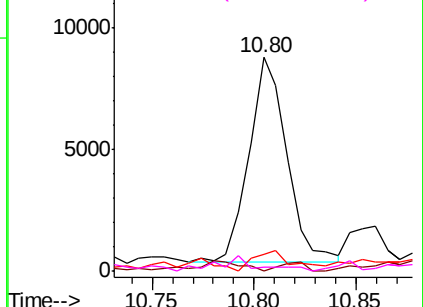
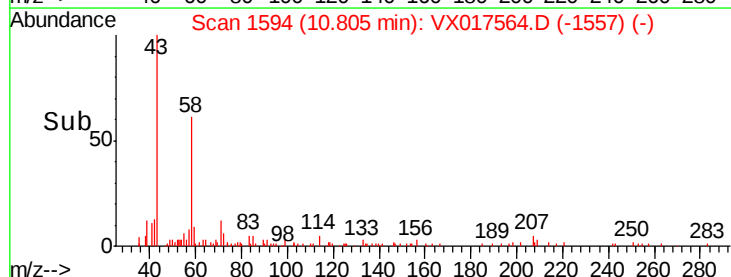


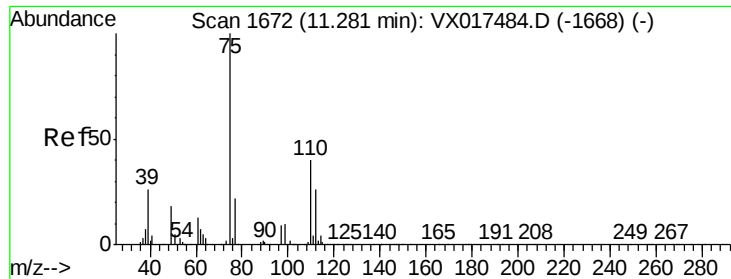
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

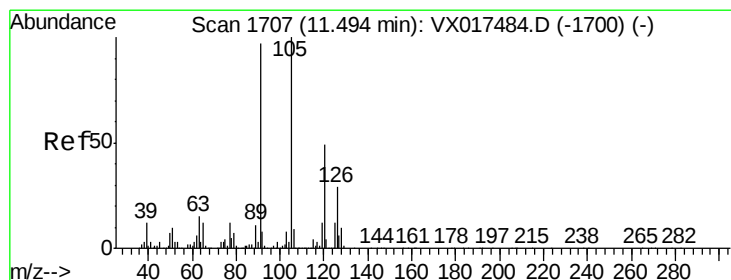
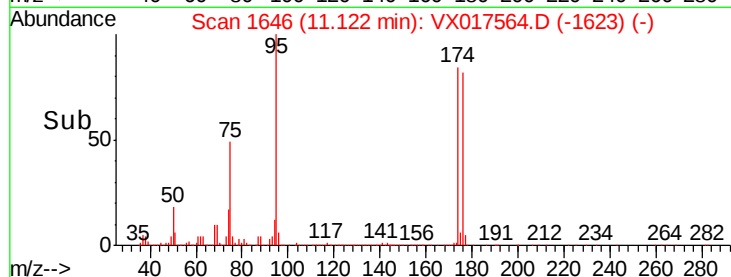
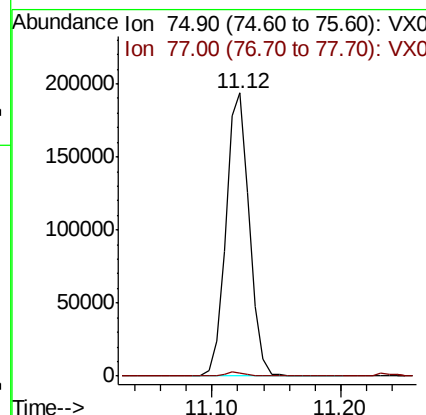
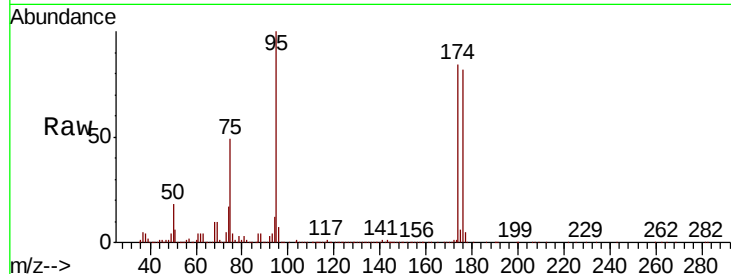




#76
 1,2,3-Trichloropropane
 Concen: 23.561 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

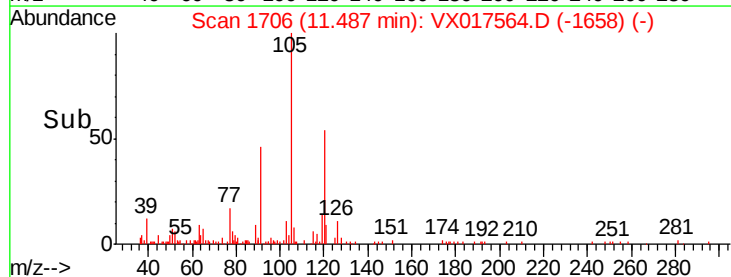
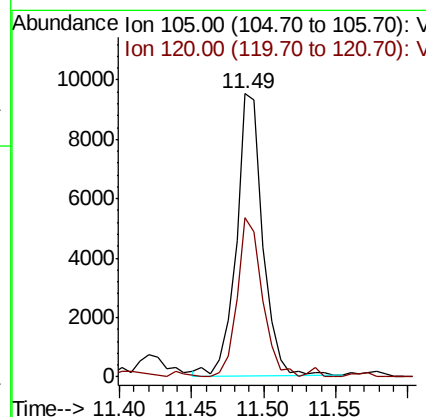
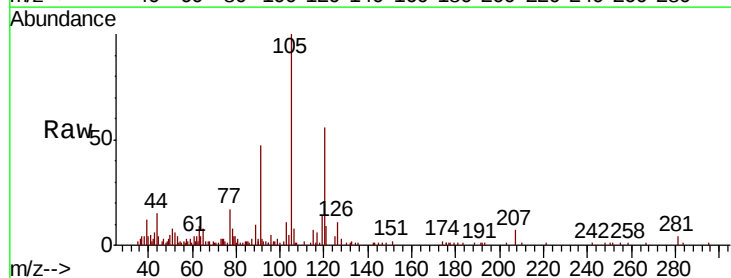
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130430TB

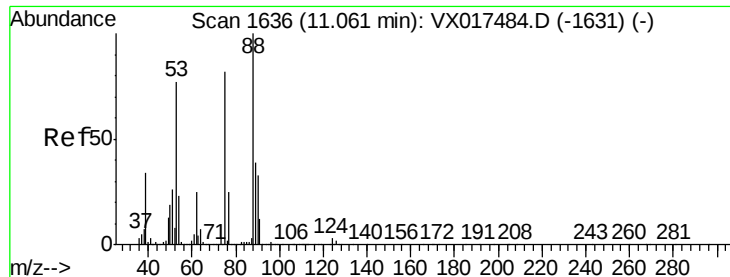
Tot Ion: 75 Resp: 246053
 Ion Ratio Lower Upper
 75 100
 77 1.5 21.8 65.3#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.408 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

Tgt Ion: 105 Resp: 12129
 Ion Ratio Lower Upper
 105 100
 120 54.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 59.369 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

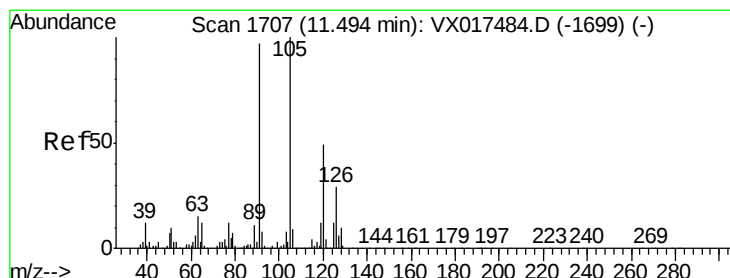
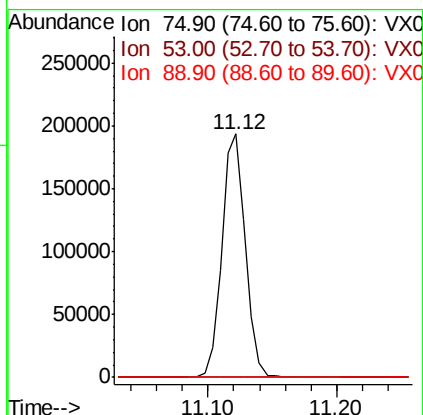
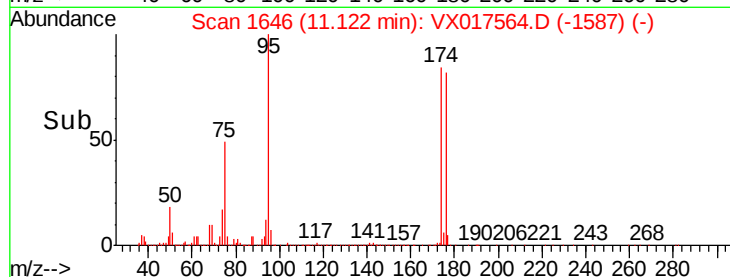
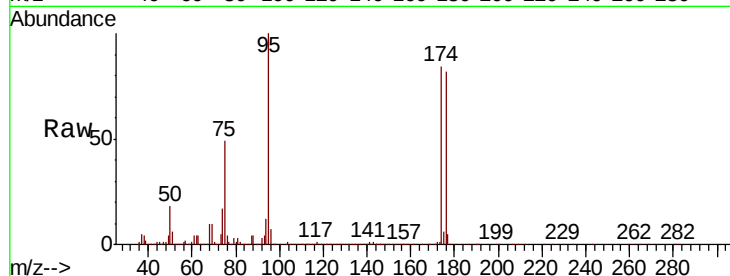
Tot Ion: 75 Resp: 246053

Ion Ratio Lower Upper

75 100

53 0.3 75.9 113.9#

89 0.1 37.8 56.6#



#82

4-Chlorotoluene

Concen: 0.244 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017564.D

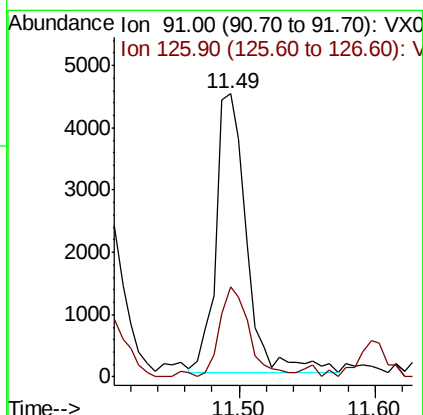
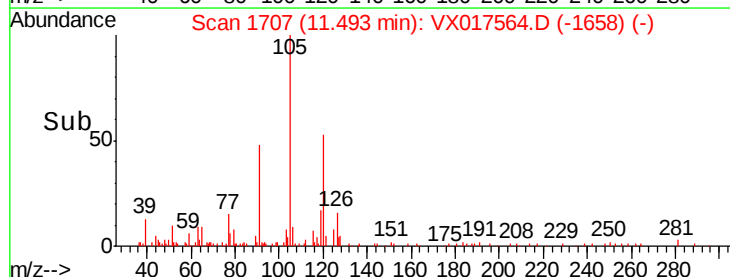
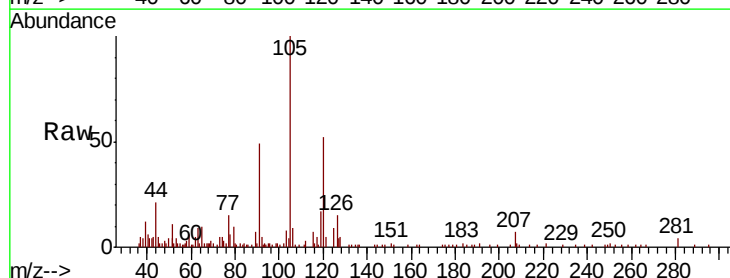
Acq: 25 Jul 2020 02:42

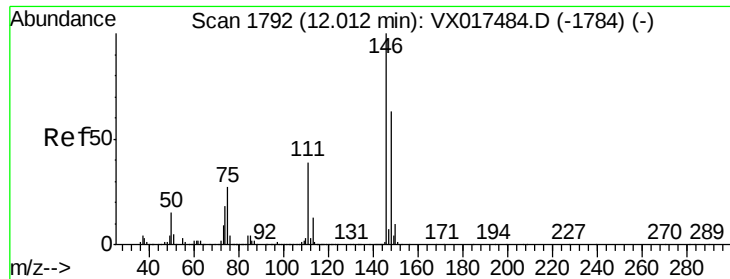
Tgt Ion: 91 Resp: 6990

Ion Ratio Lower Upper

91 100

126 31.0 15.2 45.6

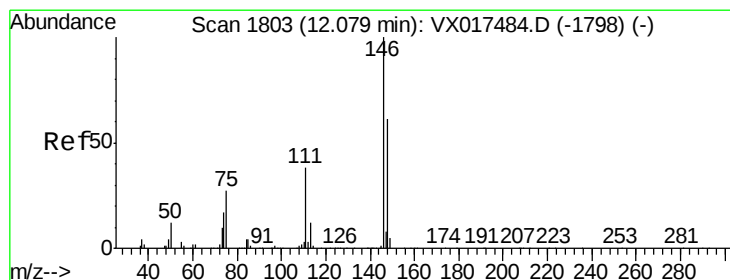
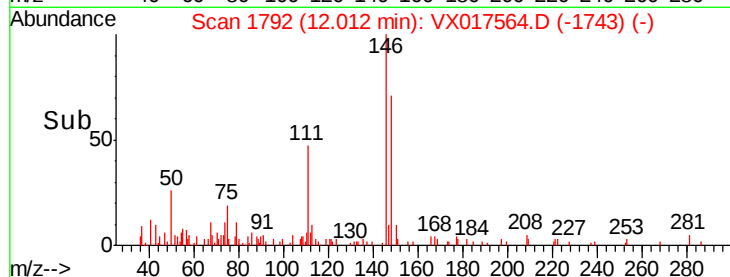
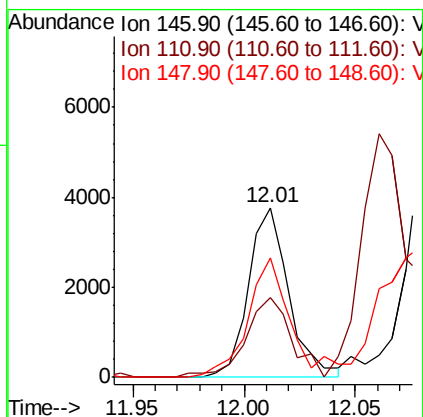
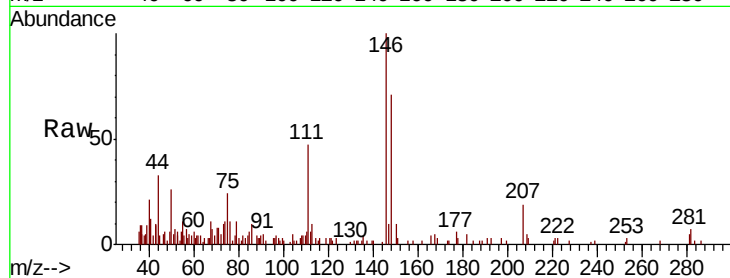




#87
 1,3-Dichlorobenzene
 Concen: 0.284 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

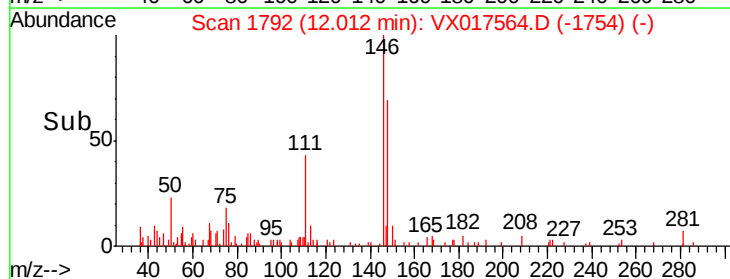
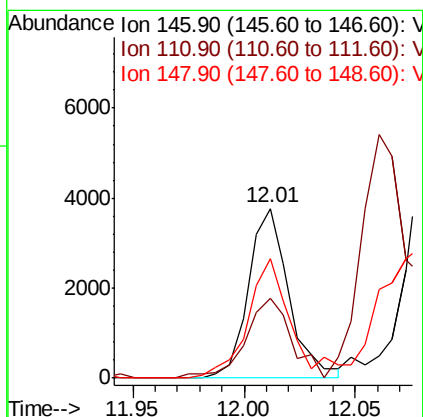
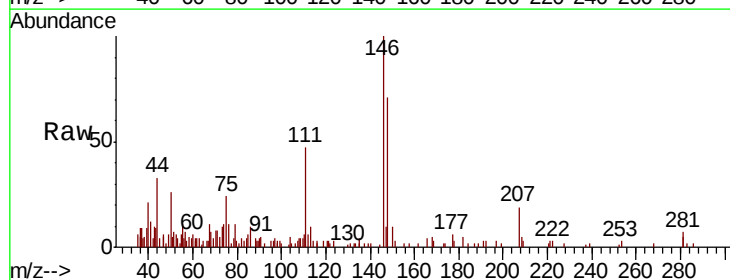
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130430TB

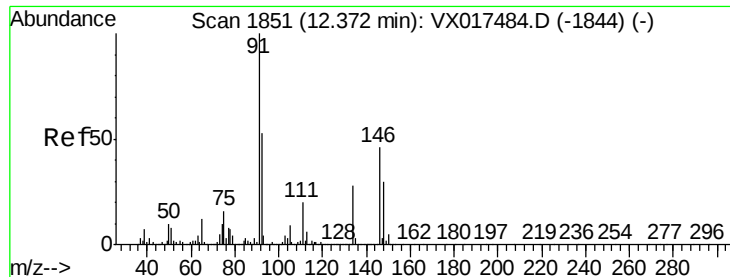
Tot Ion:146 Resp: 4753
 Ion Ratio Lower Upper
 146 100
 111 53.2 19.9 59.7
 148 75.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 0.274 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX017564.D
 Acq: 25 Jul 2020 02:42

Tgt Ion:146 Resp: 4753
 Ion Ratio Lower Upper
 146 100
 111 53.2 19.3 57.8
 148 75.7 32.2 96.6

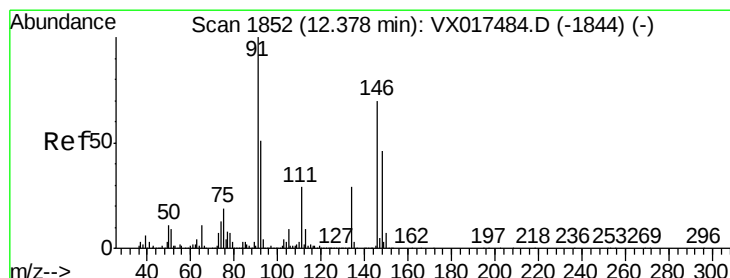
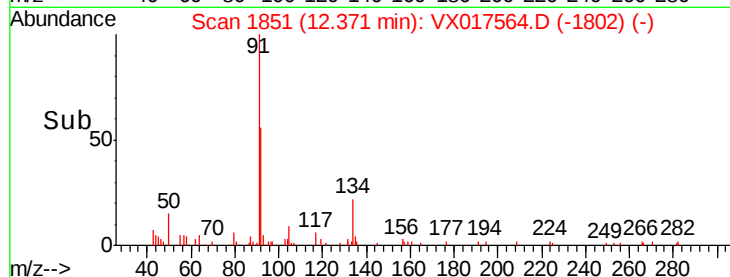
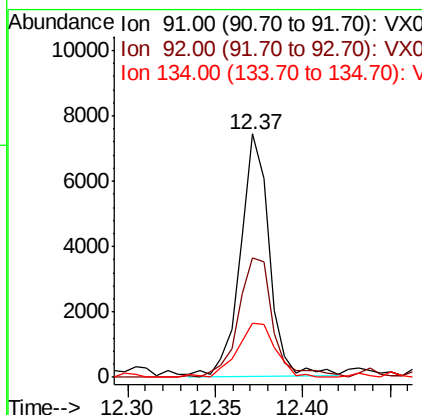
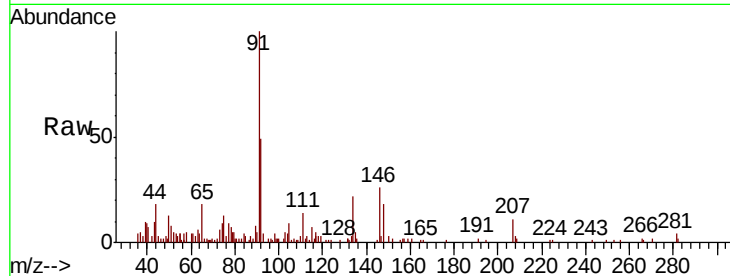




#89
n-Butylbenzene
Concen: 0.303 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017564.D
Acq: 25 Jul 2020 02:42

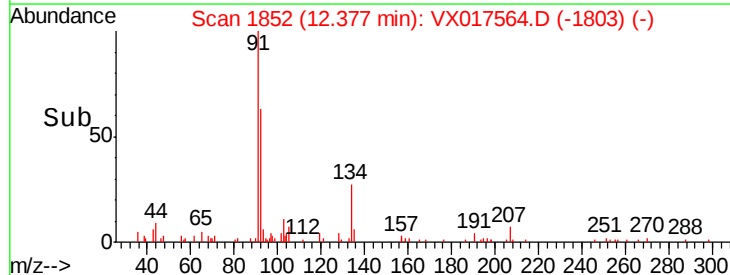
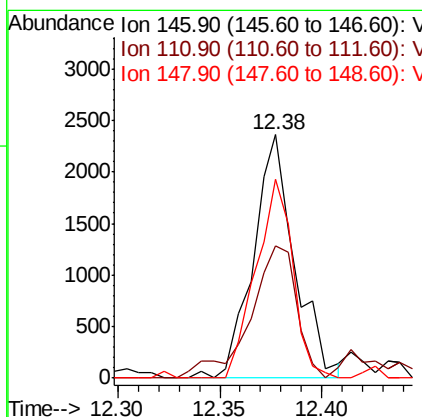
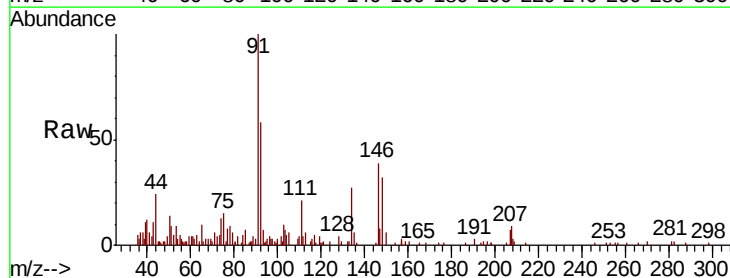
Instrument :
MSVOA_X
ClientSampleId :
PB130430TB

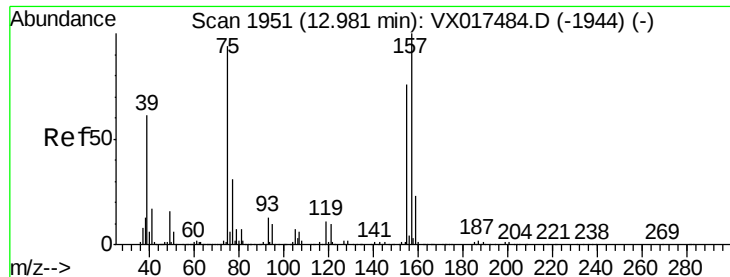
Tot Ion: 91 Resp: 8509
Ion Ratio Lower Upper
91 100
92 59.4 26.7 80.1
134 29.8 13.6 40.7



#91
1,2-Dichlorobenzene
Concen: 0.204 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017564.D
Acq: 25 Jul 2020 02:42

Tgt Ion: 146 Resp: 3350
Ion Ratio Lower Upper
146 100
111 60.7 20.9 62.8
148 72.4 32.8 98.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.781 ug/l

RT: 12.96 min Scan# 1948

Delta R.T. -0.02 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampled :

PB130430TB

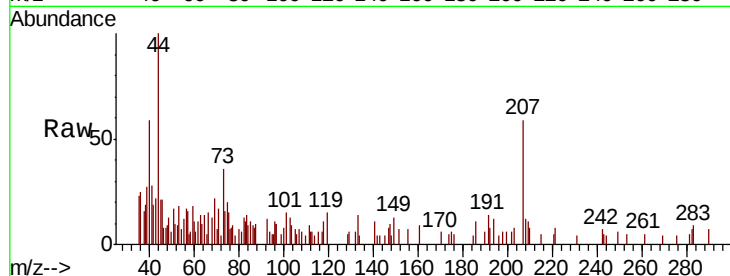
Tot Ion: 75 Resp: 663

Ion Ratio Lower Upper

75 100

155 86.3 42.3 126.8

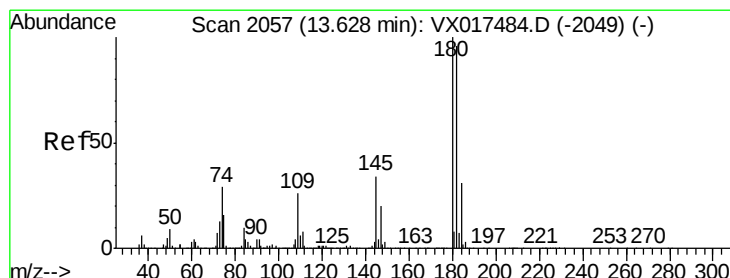
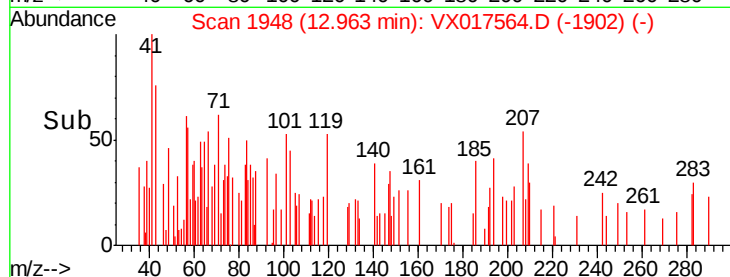
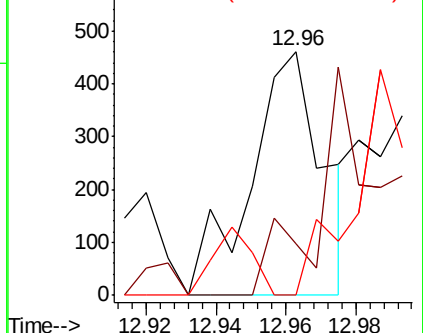
157 0.0 54.3 162.9#



Abundance Ion 74.90 (74.60 to 75.60): VX017564.D (-1902) (-)

Ion 154.80 (154.50 to 155.50): VX017564.D (-1902) (-)

Ion 156.80 (156.50 to 157.50): VX017564.D (-1902) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.564 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

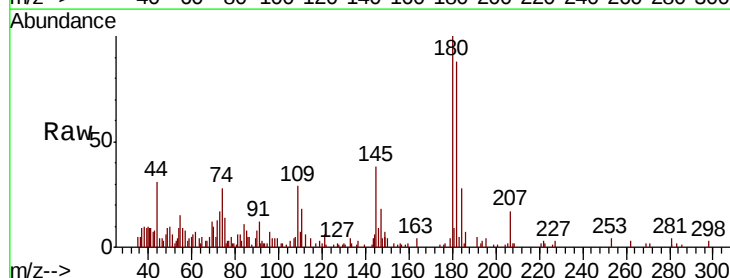
Tgt Ion: 180 Resp: 6338

Ion Ratio Lower Upper

180 100

182 90.6 47.5 142.6

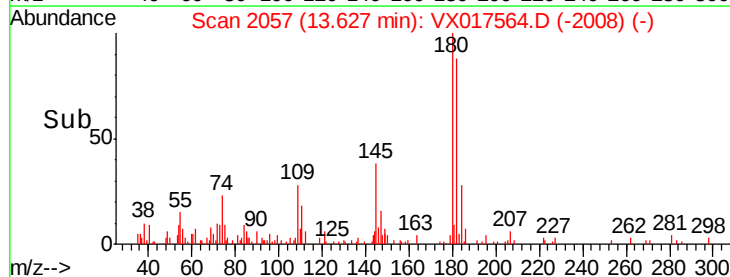
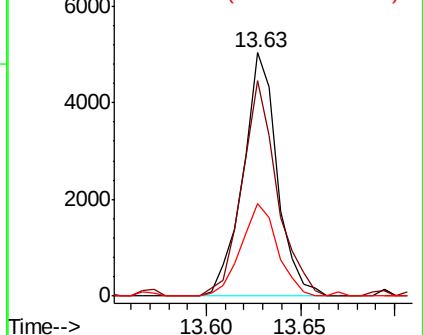
145 40.5 15.4 46.4

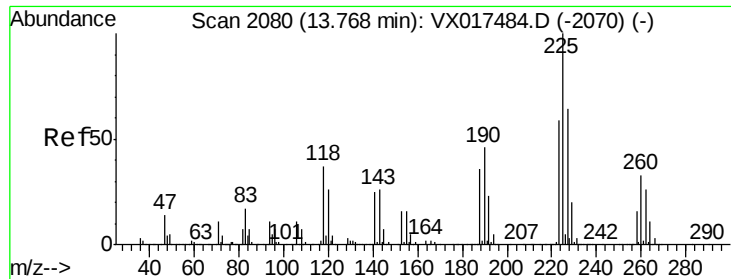


Abundance Ion 179.80 (179.50 to 180.50): VX017564.D (-2008) (-)

Ion 181.80 (181.50 to 182.50): VX017564.D (-2008) (-)

Ion 144.80 (144.50 to 145.50): VX017564.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 0.517 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

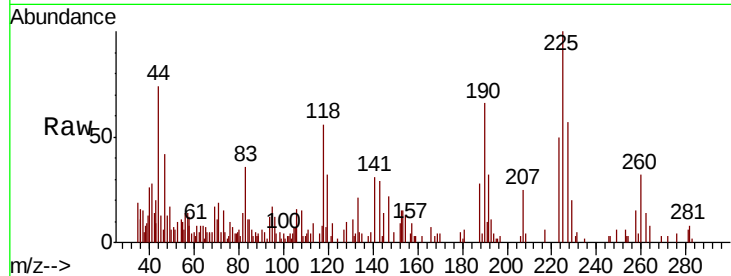
Tot Ion:225 Resp: 2672

Ion Ratio Lower Upper

225 100

223 67.7 30.3 90.9

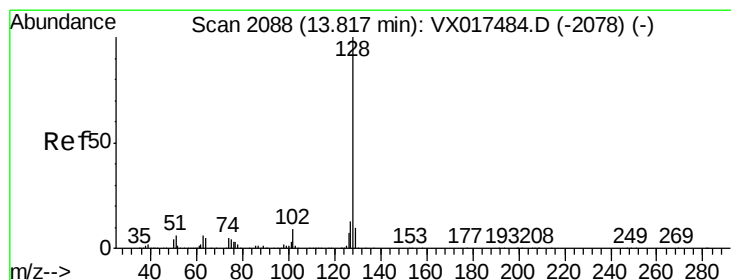
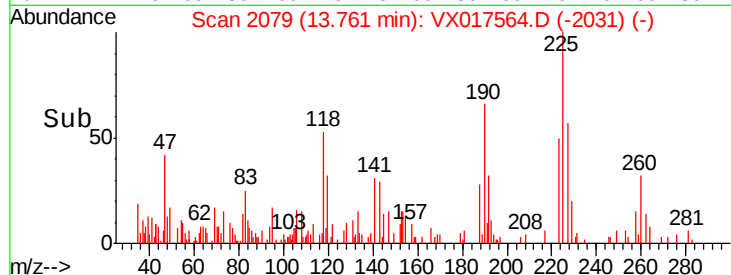
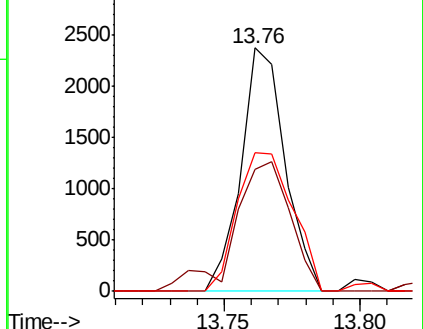
227 72.1 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.371 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

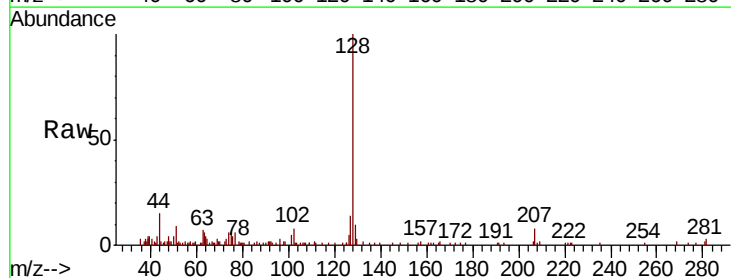
Tgt Ion:128 Resp: 12453

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

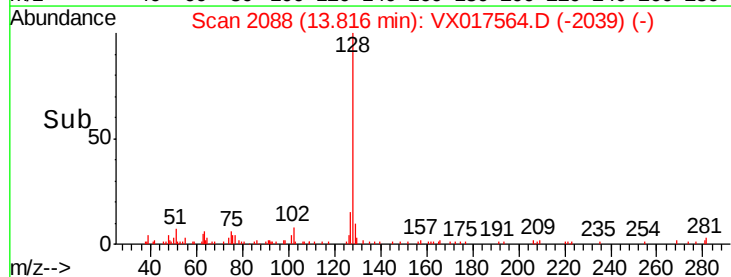
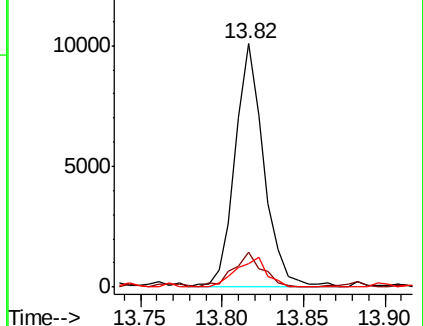
129 12.9 8.9 13.3

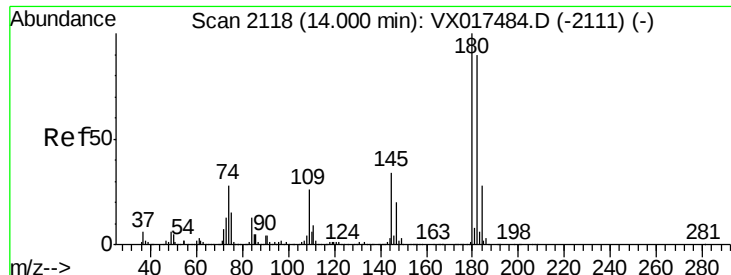


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.497 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017564.D

Acq: 25 Jul 2020 02:42

Instrument :

MSVOA_X

ClientSampleId :

PB130430TB

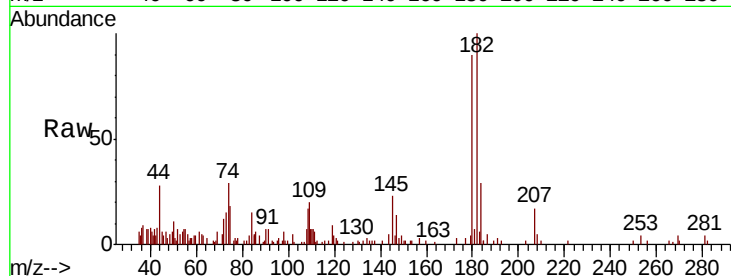
Tot Ion:180 Resp: 5516

Ion Ratio Lower Upper

180 100

182 110.7 47.4 142.3

145 38.3 16.3 48.9



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

