

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016253.D
 Acq On : 15 May 2020 00:42
 Operator : JC/SP
 Sample : PB128866ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB128866ZHE#01

Quant Time: May 15 01:41:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	251009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	419073	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	209846	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	151918	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
35) Dibromofluoromethane	5.47	113	125041	47.10	ug/l	0.00
Spiked Amount			Recovery	=	94.20%	
50) Toluene-d8	8.70	98	521568	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.12	95	208361	53.55	ug/l	0.00
Spiked Amount			Recovery	=	107.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	437	0.26	ug/l #	18
11) Tert butyl alcohol	3.01	59	2213	2.65	ug/l	100
13) Acrolein	2.28	56	473	0.90	ug/l #	23
15) Acrylonitrile	3.11	53	504	0.29	ug/l #	86
16) Acetone	2.42	43	14490	9.83	ug/l	95
18) Methyl Acetate	2.75	43	2904	0.80	ug/l	90
20) Methylene Chloride	2.84	84	11024	3.63	ug/l	92
25) 2-Butanone	4.64	43	11457	4.82	ug/l	98
29) Tetrahydrofuran	5.10	42	1203	0.76	ug/l #	74
36) 1,1-Dichloropropene	5.63	75	18315	4.44	ug/l #	49
37) Ethyl Acetate	4.64	43	11542	2.41	ug/l #	67
38) Carbon Tetrachloride	5.63	117	23874	5.69	ug/l #	15
43) Isopropyl Acetate	6.42	43	75855	9.94	ug/l	98
48) Methyl methacrylate	7.65	41	4847	1.34	ug/l #	14
49) 1,4-Dioxane	7.86	88	233	2.69	ug/l #	1
51) 4-Methyl-2-Pentanone	8.60	43	71207	15.25	ug/l #	50
52) Toluene	8.77	92	1538	0.20	ug/l	94
54) cis-1,3-Dichloropropene	8.60	75	35462	6.74	ug/l #	55
56) Ethyl methacrylate	9.29	69	1068	0.22	ug/l #	1
57) 1,3-Dichloropropane	9.52	76	6004	1.16	ug/l #	44
59) 2-Hexanone	9.52	43	72949	19.90	ug/l #	51
74) N-amyl acetate	10.80	43	4686	0.66	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	11.26	83	19	2.06	ug/l #	26
76) 1,2,3-Trichloropropane	11.12	75	100811	21.17	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.49	105	3658	0.28	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.12	75	100811	50.45	ug/l #	13
94) Hexachlorobutadiene	13.76	225	429	0.72	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

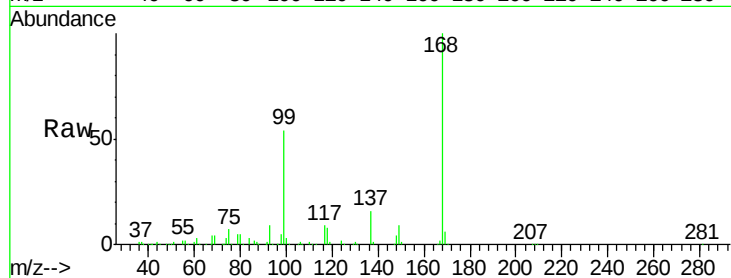
PB128866ZHE#01

Tgt Ion:168 Resp: 251009

Ion Ratio Lower Upper

168 100

99 54.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

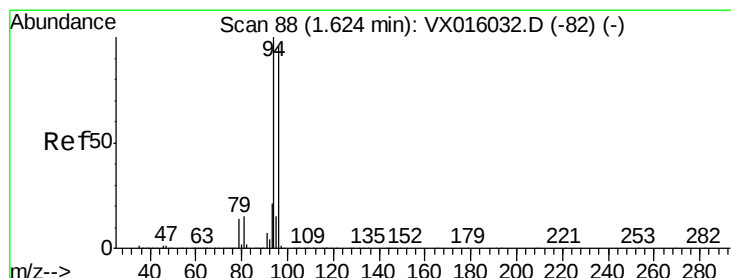
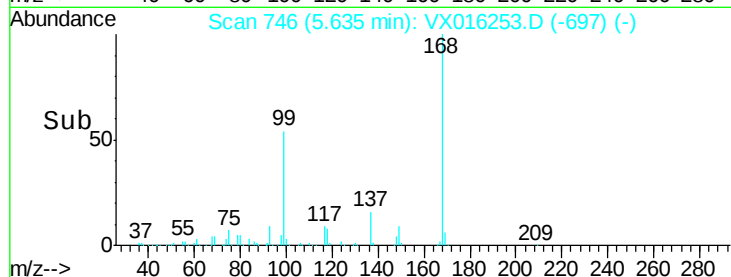
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.26 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX016253.D

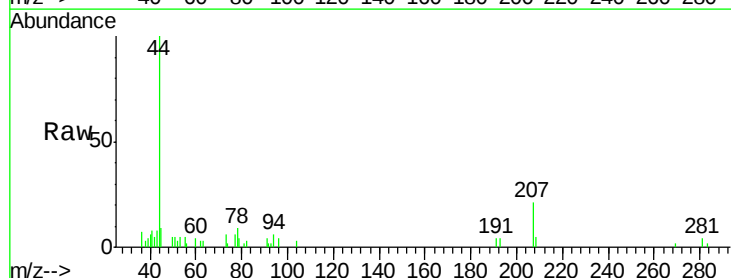
Acq: 15 May 2020 00:42

Tgt Ion: 94 Resp: 437

Ion Ratio Lower Upper

94 100

96 16.0 76.9 115.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

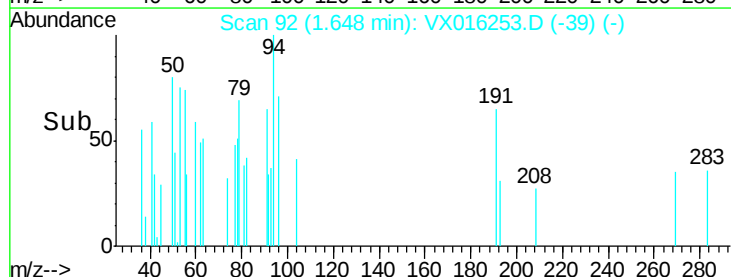
150

100

50

0

Time-->



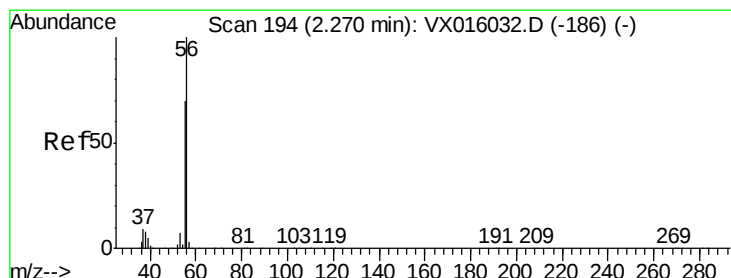
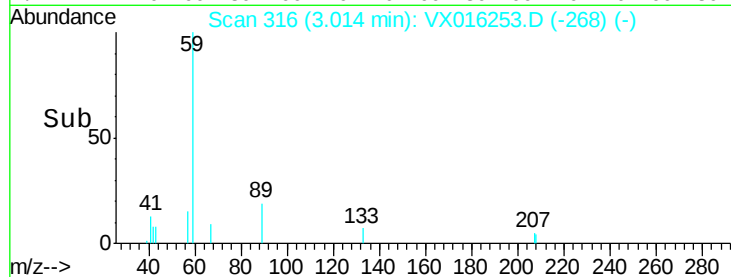
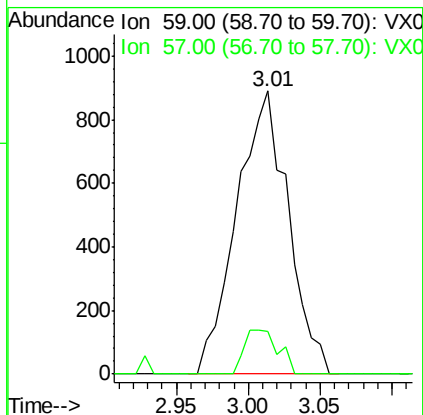
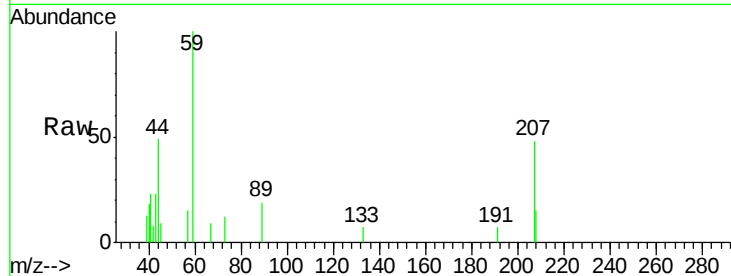


#11

Tert butyl alcohol
Concen: 2.65 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

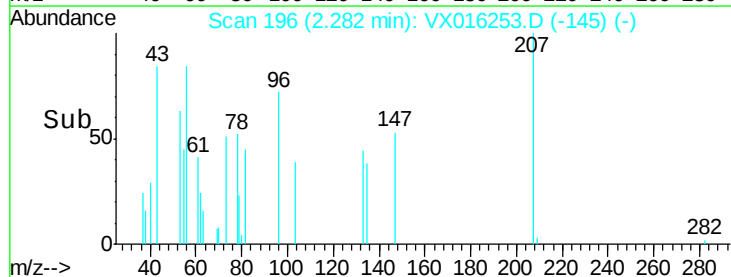
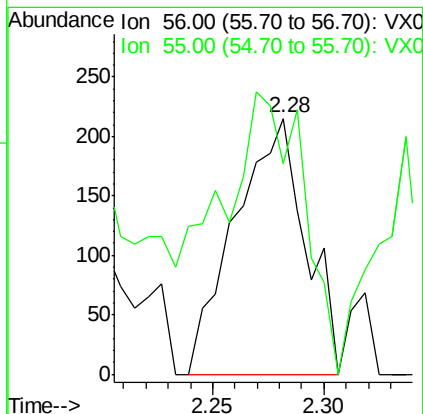
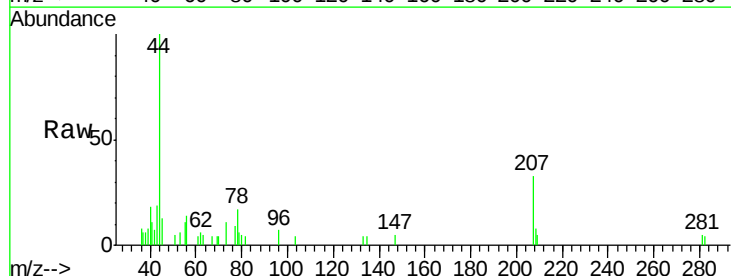
Tgt Ion: 59 Resp: 2213
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

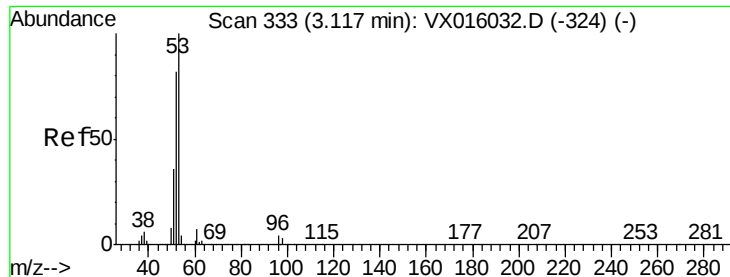


#13

Acrolein
Concen: 0.90 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 56 Resp: 473
Ion Ratio Lower Upper
56 100
55 134.2 56.5 84.7#





#15

Acrylonitrile

Concen: 0.29 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#01

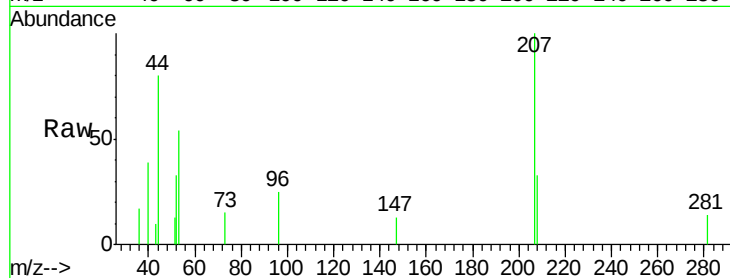
Tgt Ion: 53 Resp: 504

Ion Ratio Lower Upper

53 100

52 64.9 66.1 99.1#

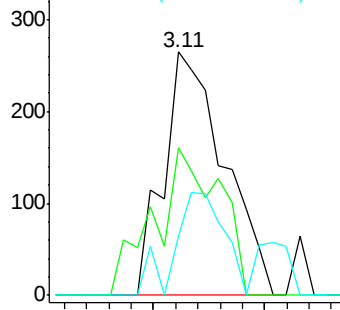
51 34.7 28.8 43.2



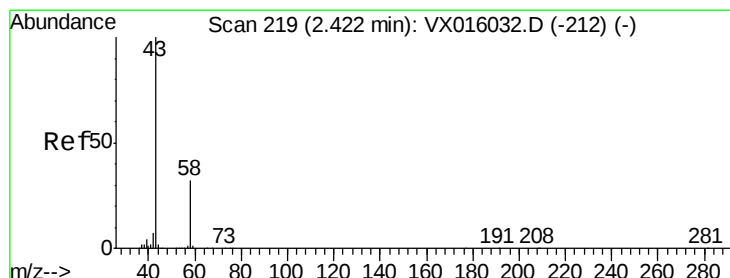
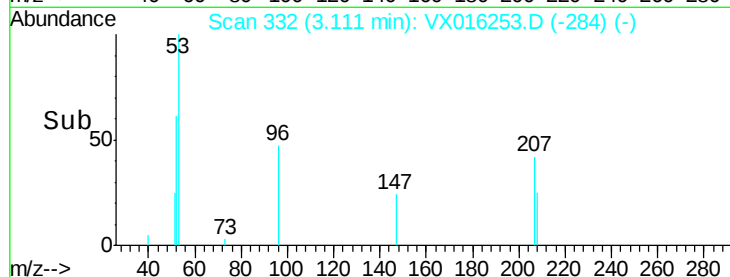
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 9.83 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016253.D

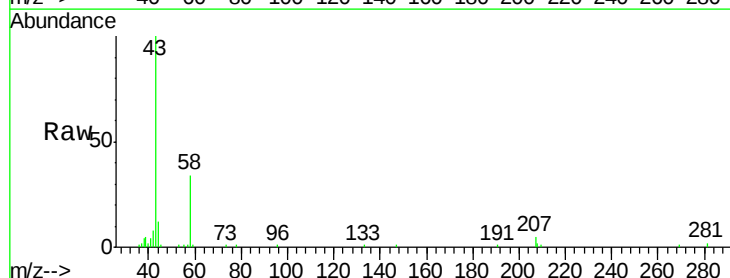
Acq: 15 May 2020 00:42

Tgt Ion: 43 Resp: 14490

Ion Ratio Lower Upper

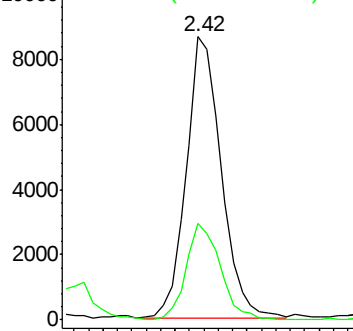
43 100

58 34.5 25.4 38.0

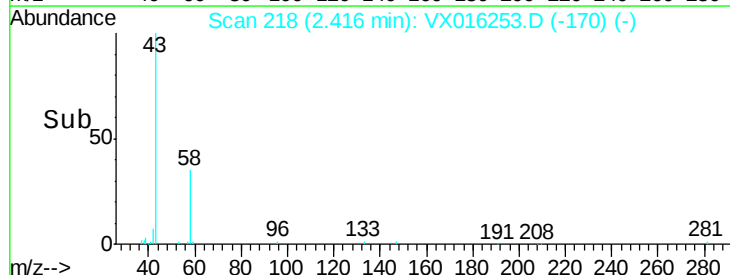


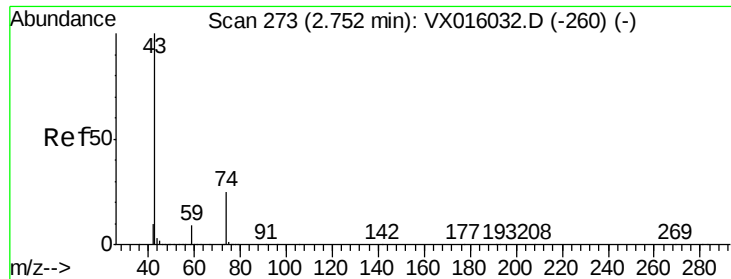
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

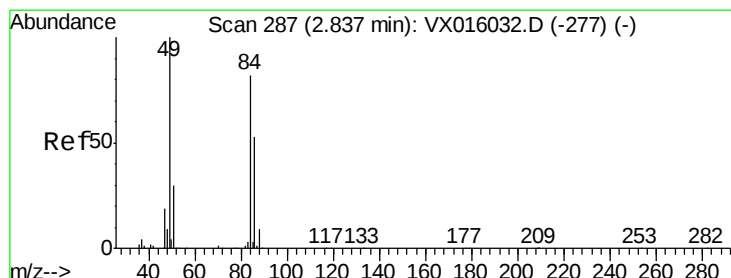
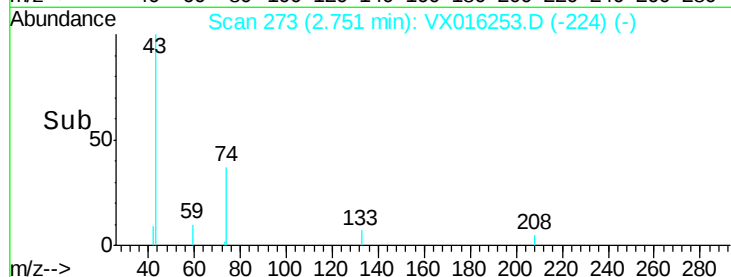
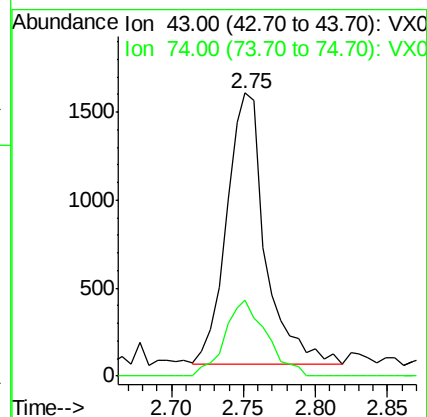
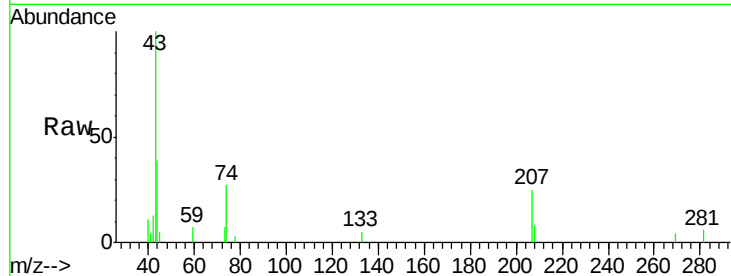




#18
Methyl Acetate
Concen: 0.80 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

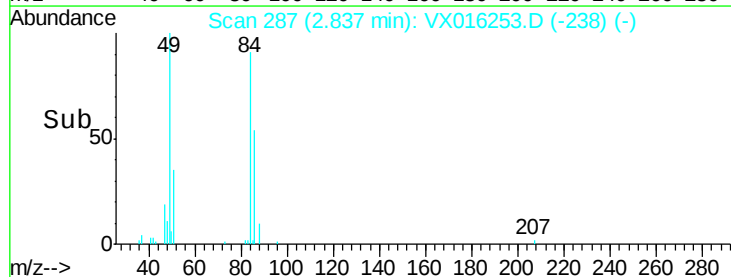
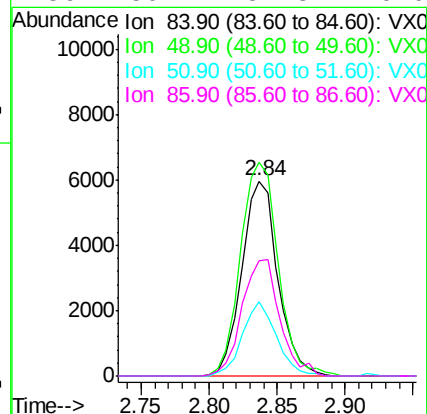
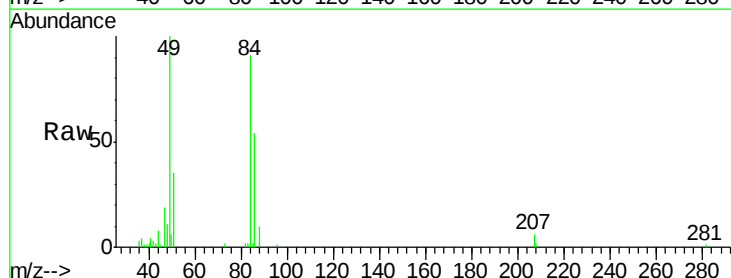
Instrument :
MSVOA_X
ClientSampleId :
PB128866ZHE#01

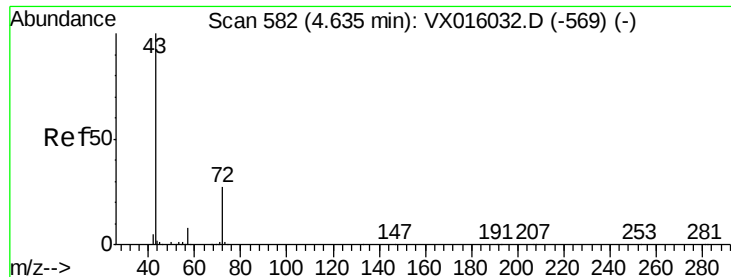
Tgt Ion: 43 Resp: 2904
Ion Ratio Lower Upper
43 100
74 30.0 20.2 30.2



#20
Methylene Chloride
Concen: 3.63 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016253.D
Acq: 15 May 2020 00:42

Tgt Ion: 84 Resp: 11024
Ion Ratio Lower Upper
84 100
49 109.6 97.3 145.9
51 38.0 29.3 43.9
86 59.2 51.3 76.9





#25

2-Butanone

Concen: 4.82 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

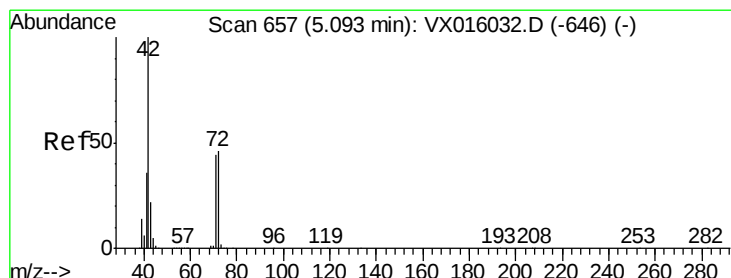
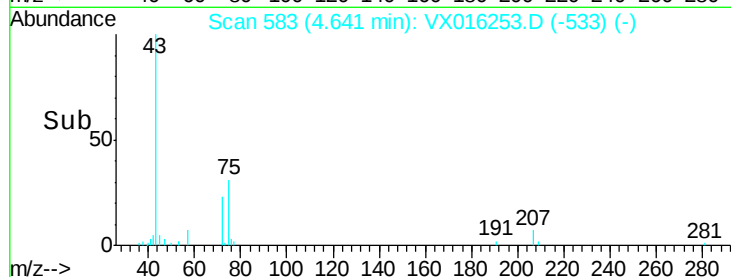
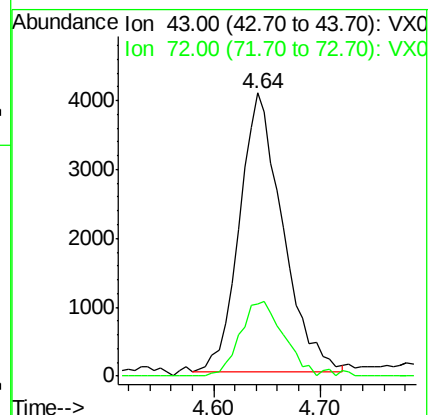
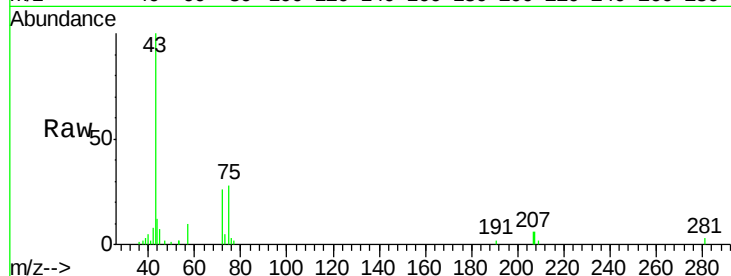
PB128866ZHE#01

Tgt Ion: 43 Resp: 11457

Ion Ratio Lower Upper

43 100

72 26.0 21.8 32.8



#29

Tetrahydrofuran

Concen: 0.76 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

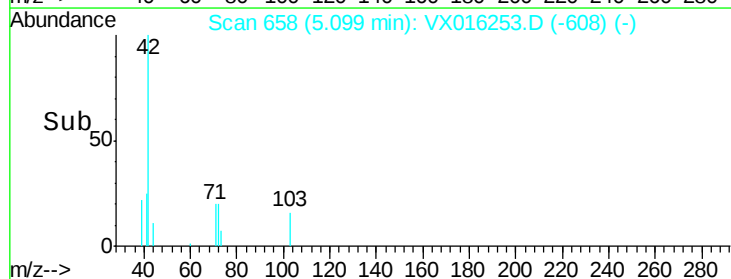
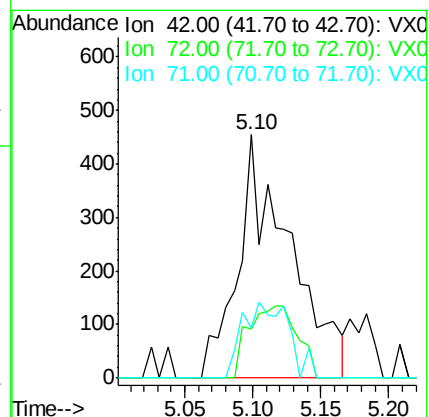
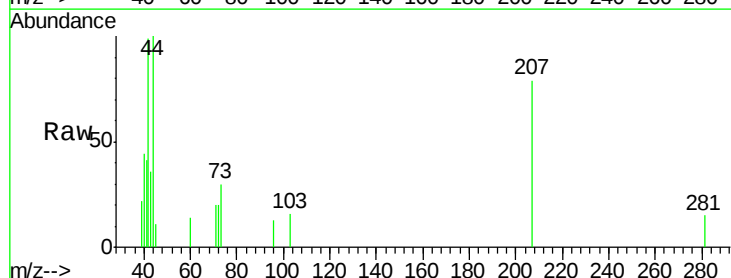
Tgt Ion: 42 Resp: 1203

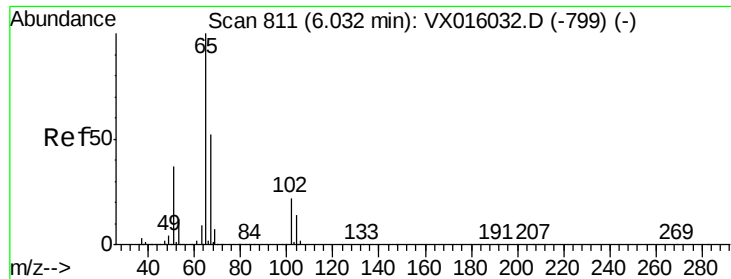
Ion Ratio Lower Upper

42 100

72 28.2 37.1 55.7#

71 27.8 34.5 51.7#





#33

1,2-Dichloroethane-d4

Concen: 45.99 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

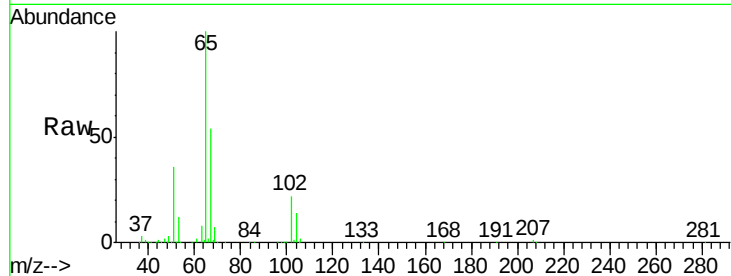
PB128866ZHE#01

Tgt Ion: 65 Resp: 151918

Ion Ratio Lower Upper

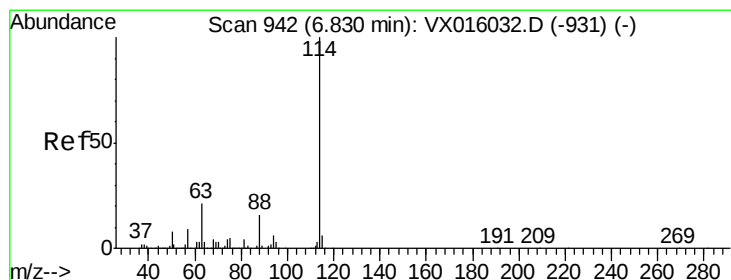
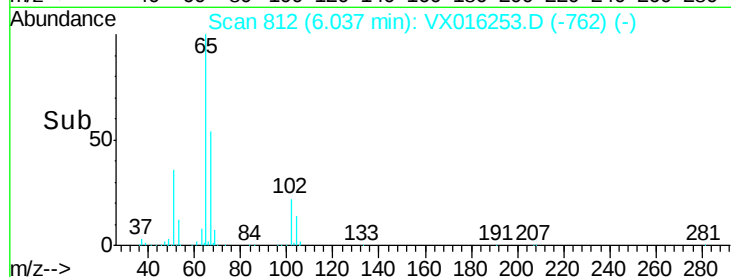
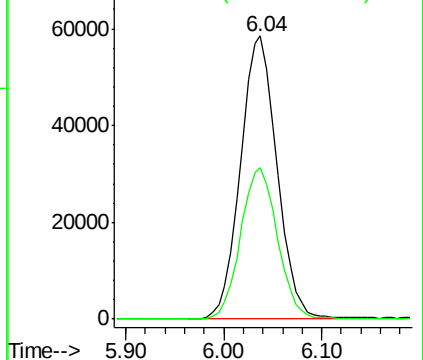
65 100

67 53.8 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

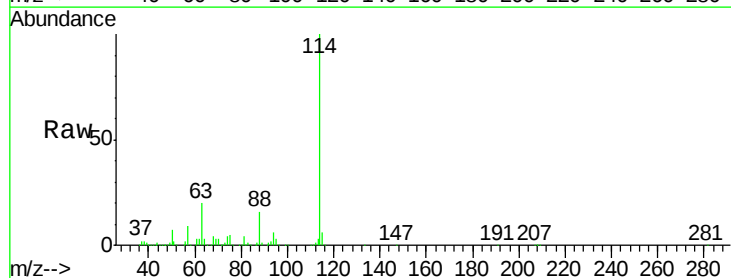
Tgt Ion: 114 Resp: 419073

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

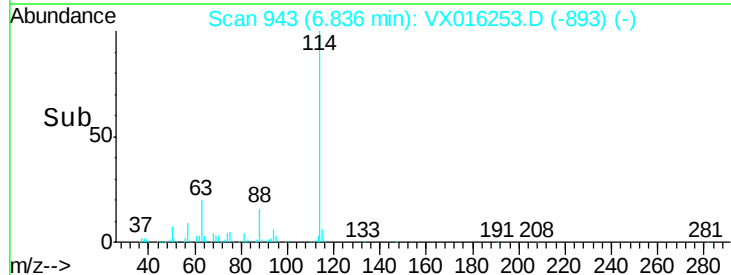
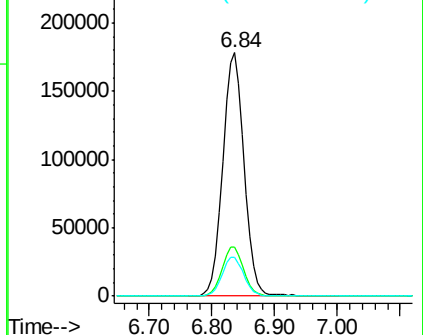
88 16.1 0.0 31.4

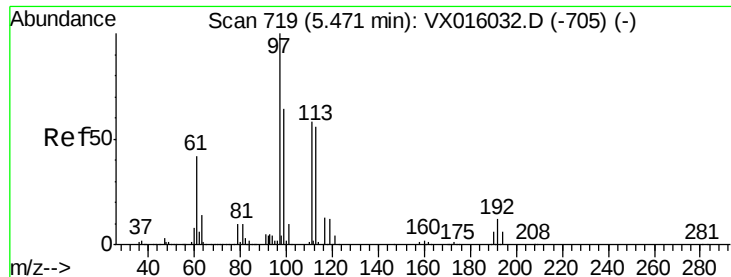


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.10 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

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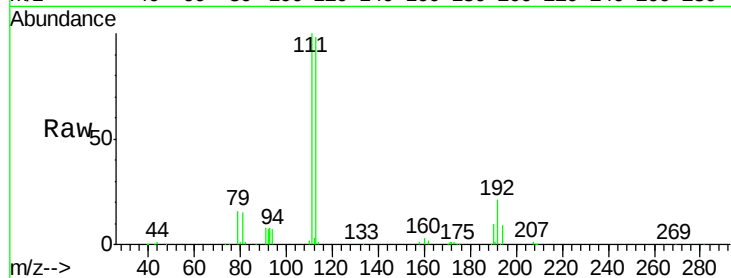
Tgt Ion:113 Resp: 125041

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

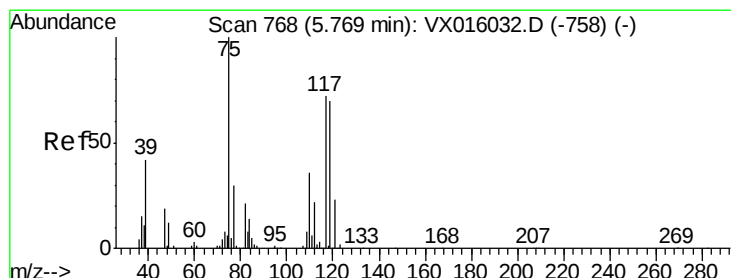
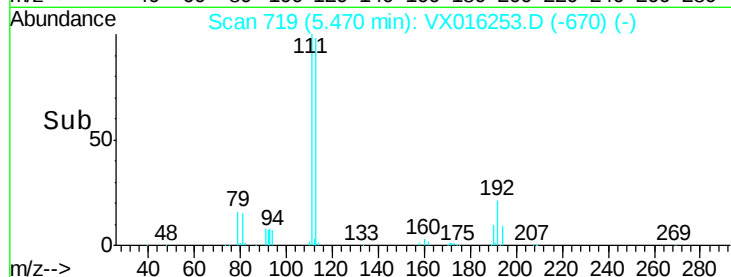
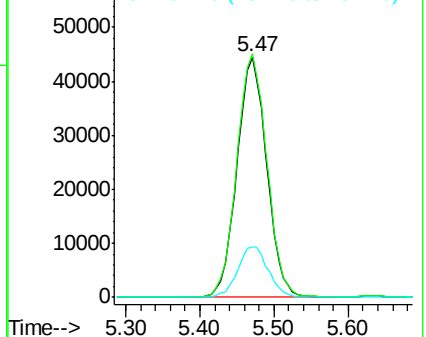
192 21.5 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.44 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

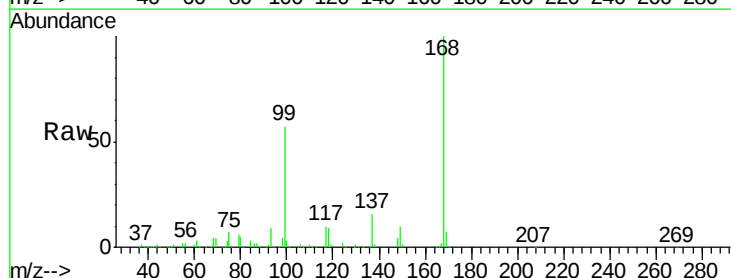
Tgt Ion: 75 Resp: 18315

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.1#

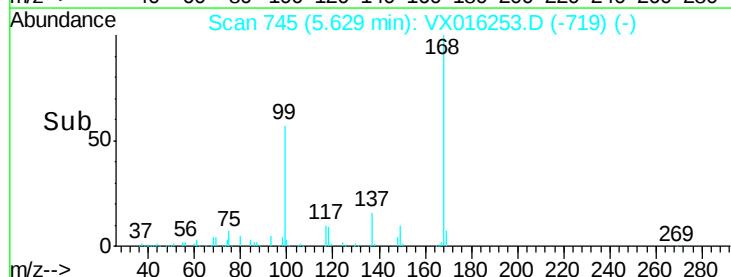
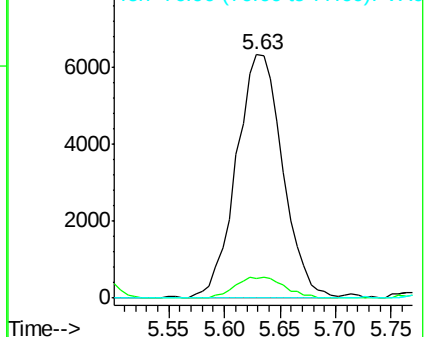
77 0.0 25.0 37.6#

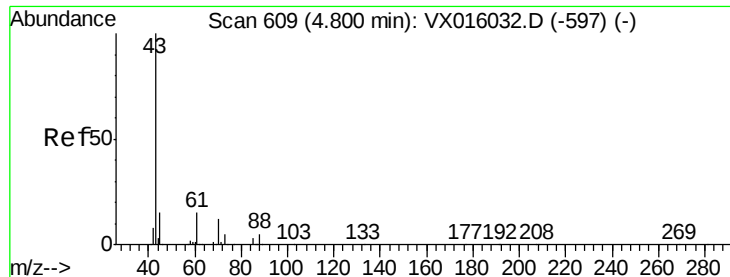


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

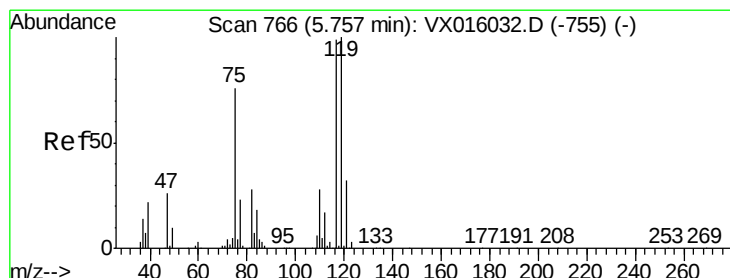
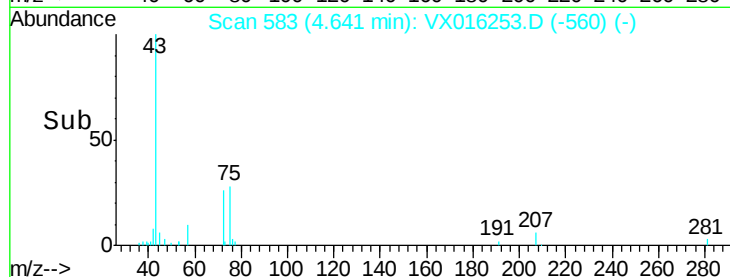
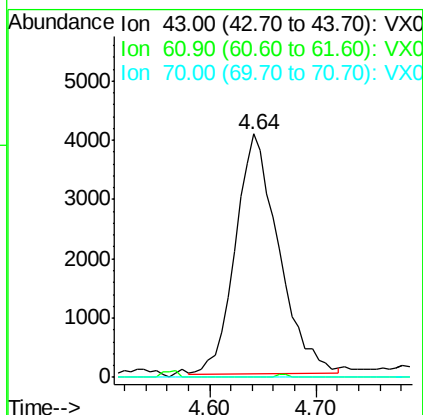
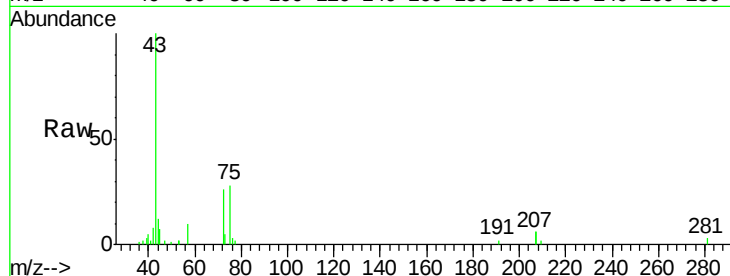




#37
 Ethyl Acetate
 Concen: 2.41 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. -0.16 min
 Lab File: VX016253.D
 Acq: 15 May 2020 00:42

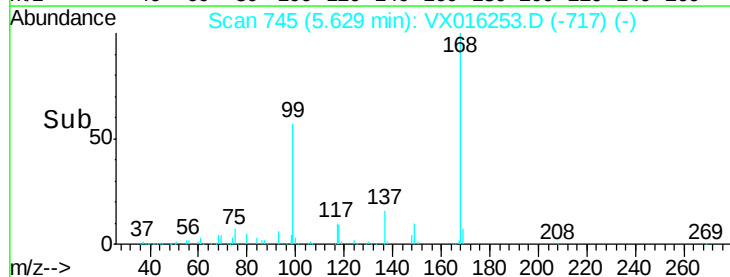
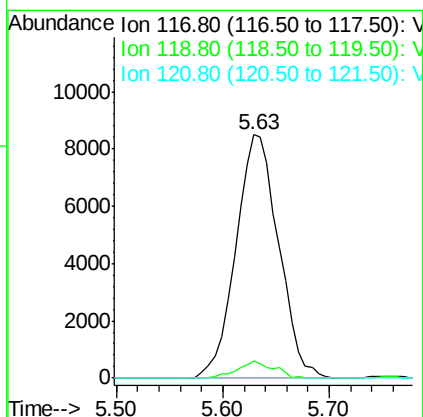
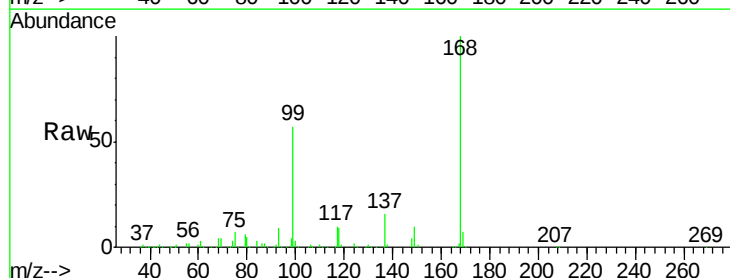
Instrument :
 MSVOA_X
 ClientSampleId :
 PB128866ZHE#01

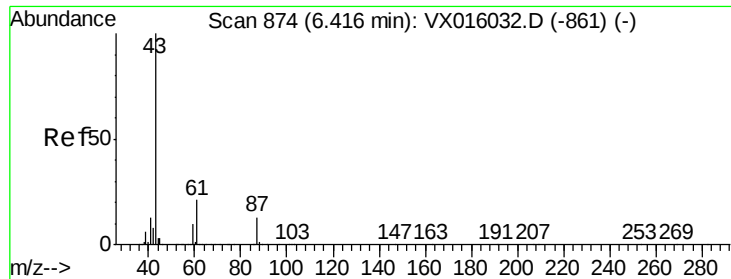
Tgt Ion: 43 Resp: 11542
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.7 17.5#
 70 0.0 9.3 13.9#



#38
 Carbon Tetrachloride
 Concen: 5.69 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016253.D
 Acq: 15 May 2020 00:42

Tgt Ion: 117 Resp: 23874
 Ion Ratio Lower Upper
 117 100
 119 6.9 80.3 120.5#
 121 0.0 25.7 38.5#





#43

Isopropyl Acetate

Concen: 9.94 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#01

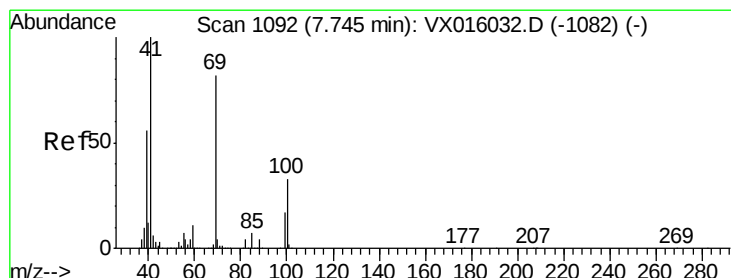
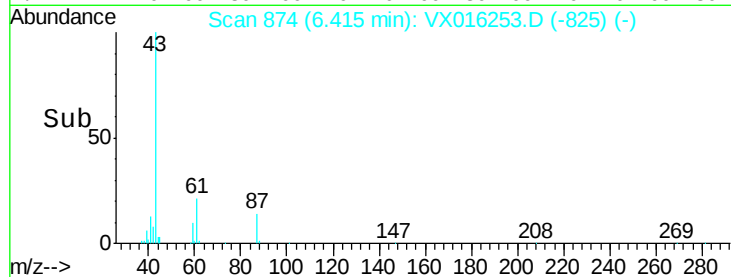
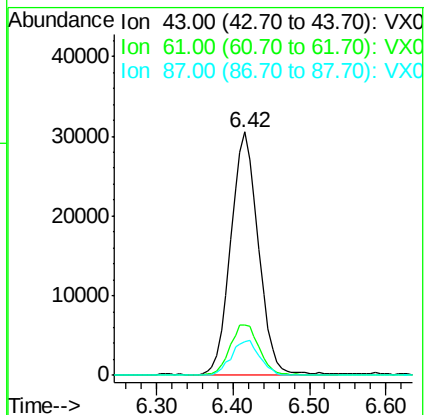
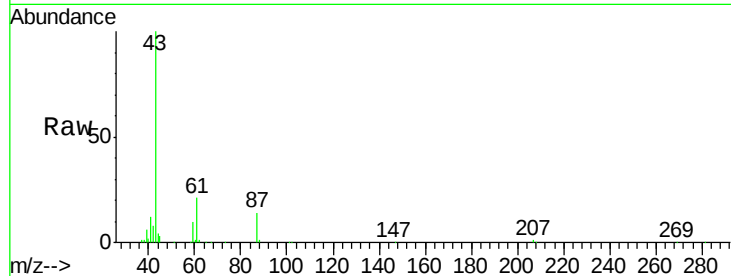
Tgt Ion: 43 Resp: 75855

Ion Ratio Lower Upper

43 100

61 22.0 17.0 25.4

87 14.9 11.0 16.6



#48

Methyl methacrylate

Concen: 1.34 ug/l

RT: 7.65 min Scan# 1077

Delta R.T. -0.09 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

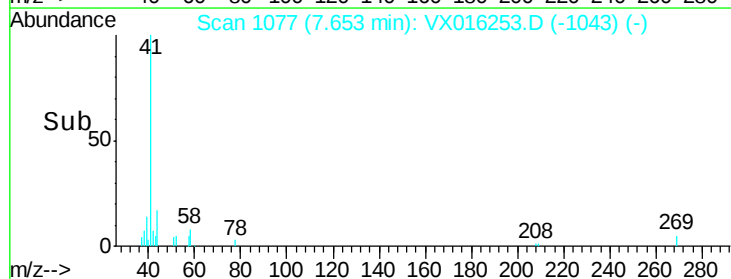
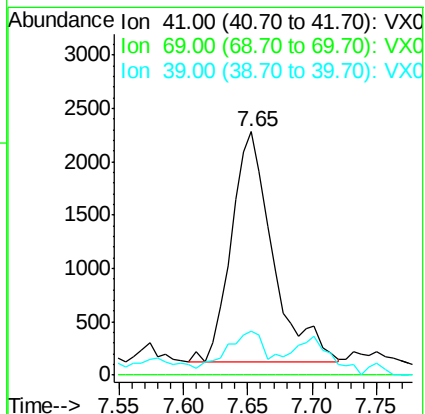
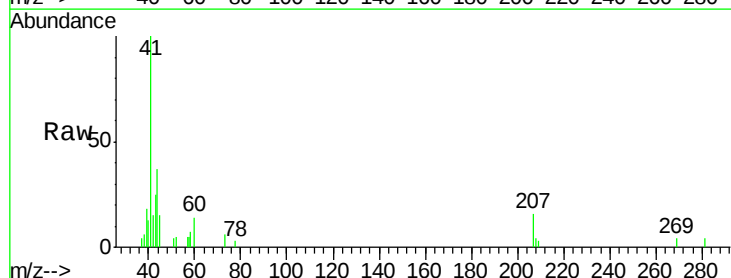
Tgt Ion: 41 Resp: 4847

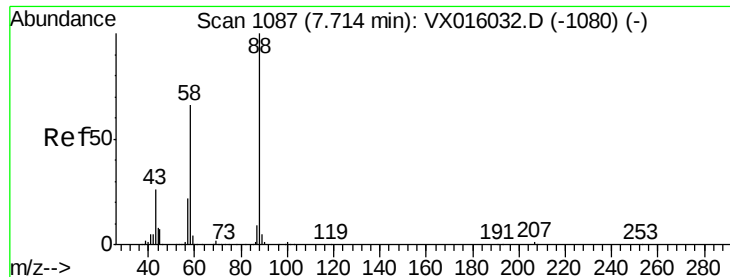
Ion Ratio Lower Upper

41 100

69 0.0 67.8 101.6#

39 0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 2.69 ug/l

RT: 7.86 min Scan# 1111

Delta R.T. 0.15 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#01

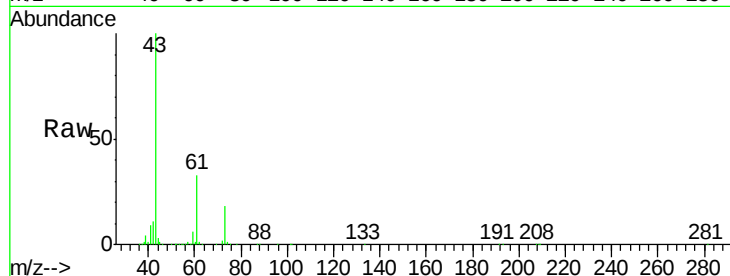
Tgt Ion: 88 Resp: 233

Ion Ratio Lower Upper

88 100

43 547413.7 25.3 37.9#

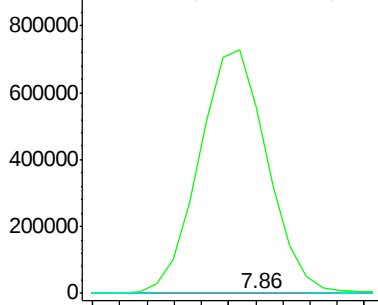
58 2256.7 55.9 83.9#



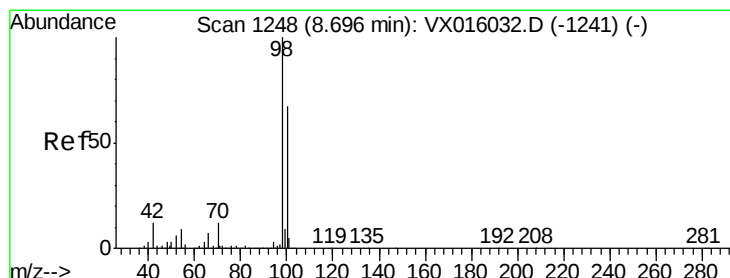
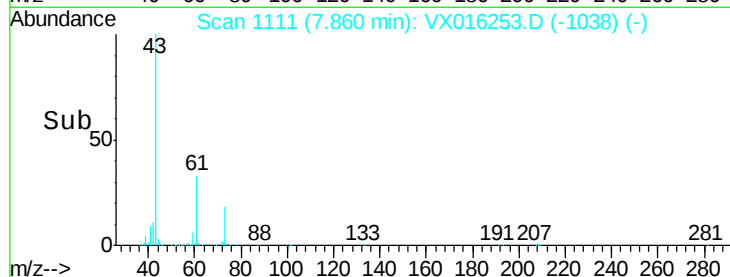
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 50.98 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016253.D

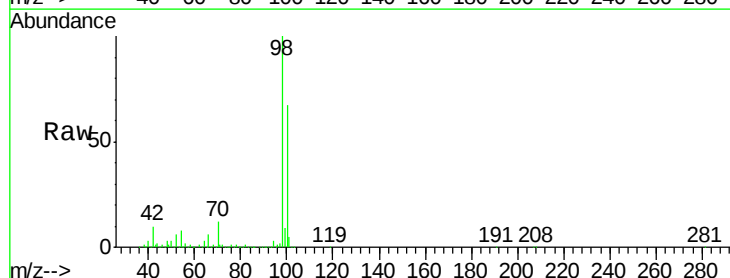
Acq: 15 May 2020 00:42

Tgt Ion: 98 Resp: 521568

Ion Ratio Lower Upper

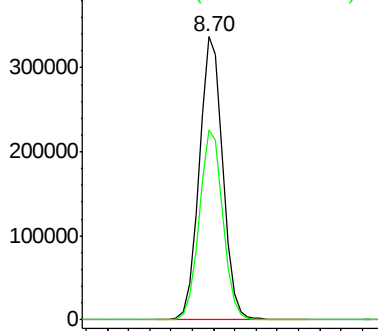
98 100

100 67.3 53.7 80.5

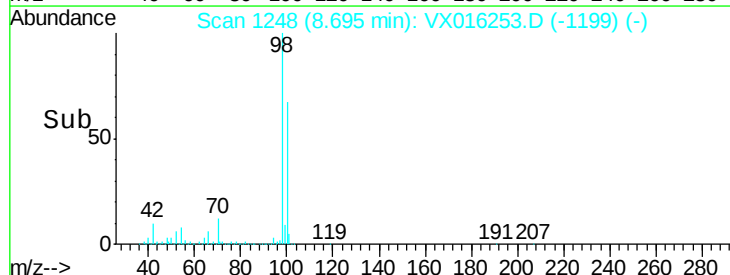


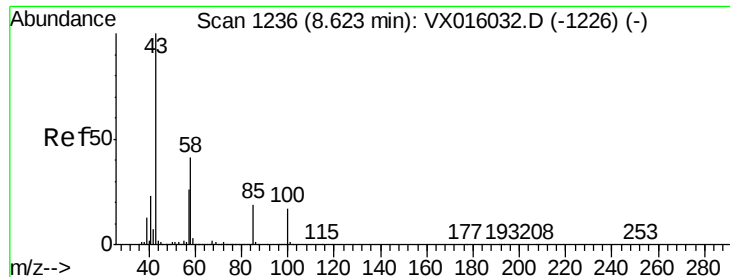
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 15.25 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

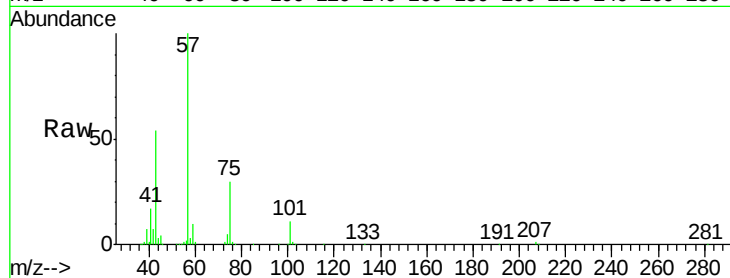
PB128866ZHE#01

Tgt Ion: 43 Resp: 71207

Ion Ratio Lower Upper

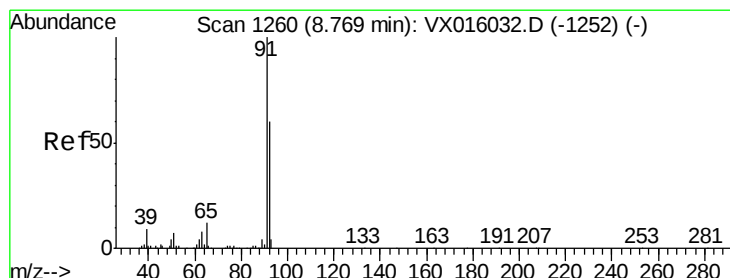
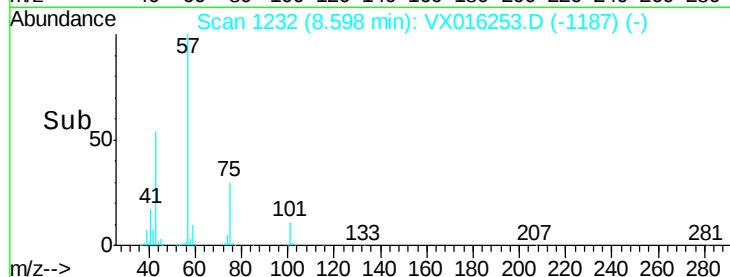
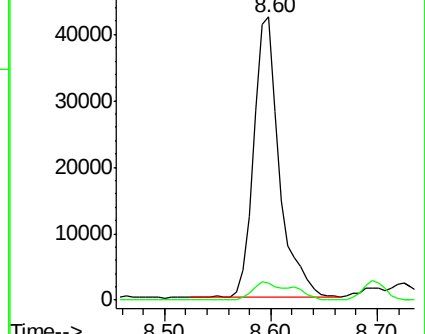
43 100

58 10.2 33.0 49.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.20 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016253.D

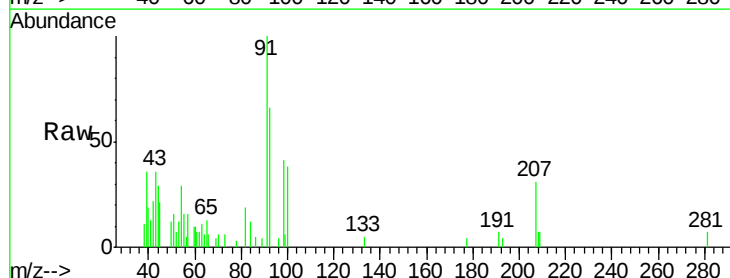
Acq: 15 May 2020 00:42

Tgt Ion: 92 Resp: 1538

Ion Ratio Lower Upper

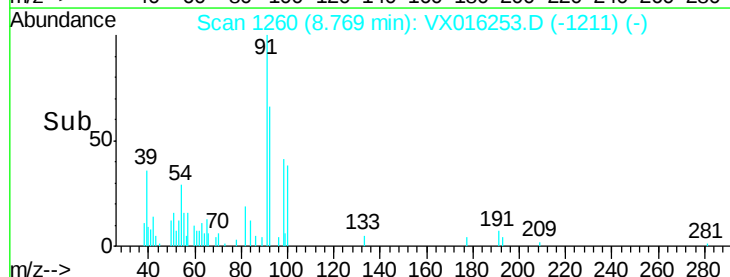
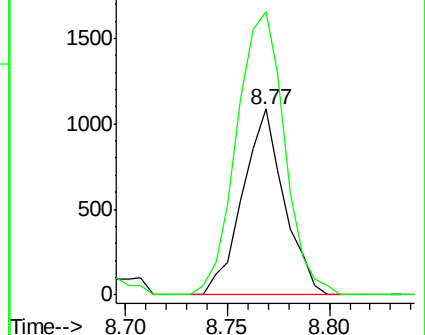
92 100

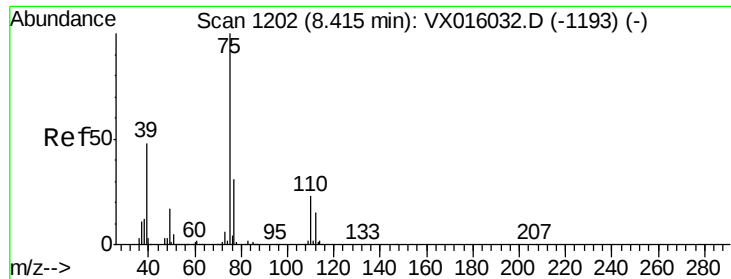
91 175.7 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#54

cis-1,3-Dichloropropene

Concen: 6.74 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. 0.18 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#01

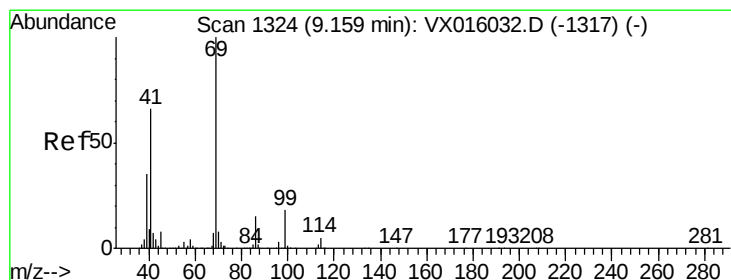
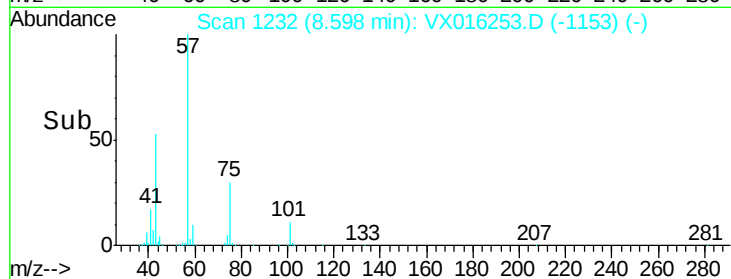
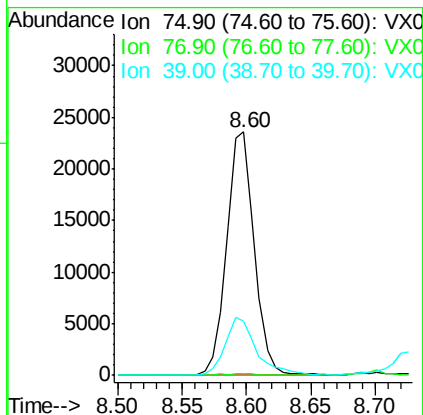
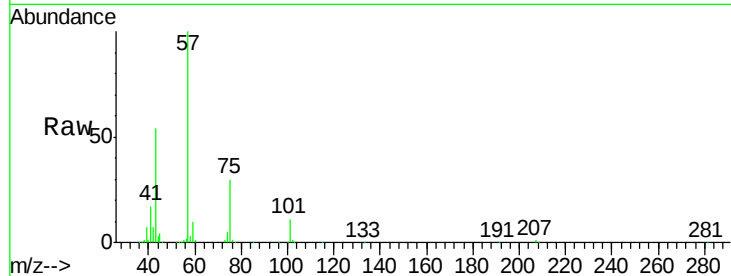
Tgt Ion: 75 Resp: 35462

Ion Ratio Lower Upper

75 100

77 0.6 24.7 37.1#

39 22.1 38.7 58.1#



#56

Ethyl methacrylate

Concen: 0.22 ug/l

RT: 9.29 min Scan# 1345

Delta R.T. 0.13 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

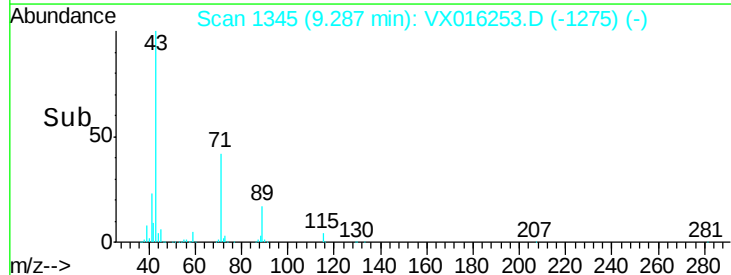
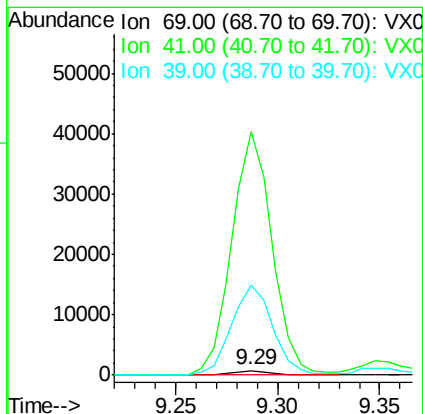
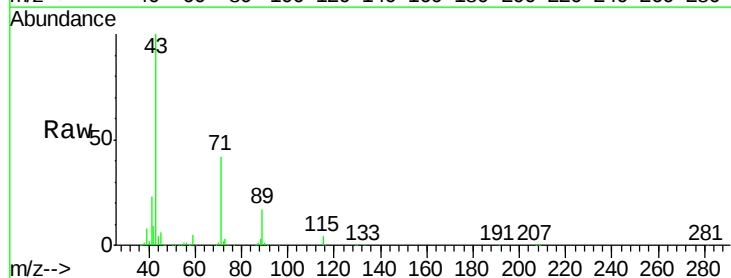
Tgt Ion: 69 Resp: 1068

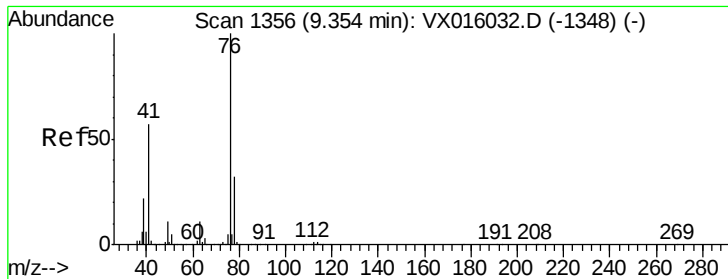
Ion Ratio Lower Upper

69 100

41 5200.7 52.2 78.4#

39 1958.8 28.2 42.4#





#57

1,3-Dichloropropane

Concen: 1.16 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

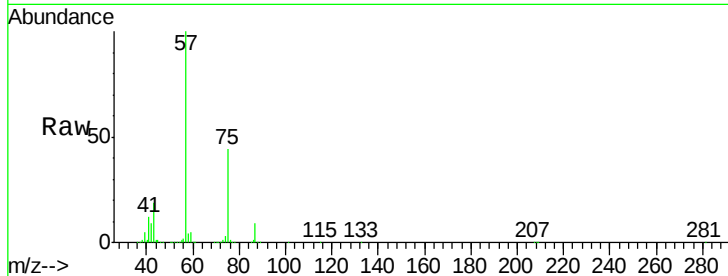
PB128866ZHE#01

Tgt Ion: 76 Resp: 6004

Ion Ratio Lower Upper

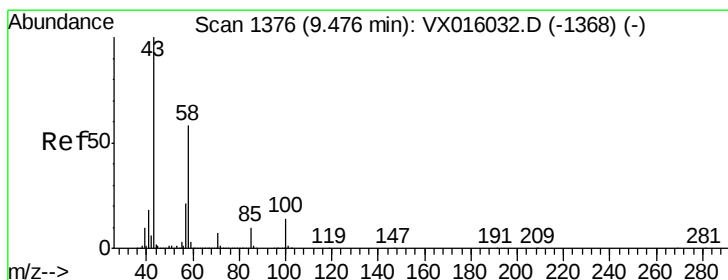
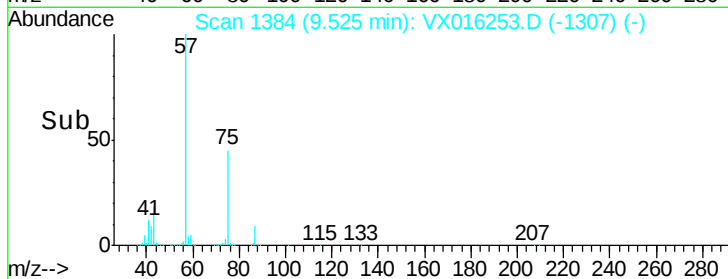
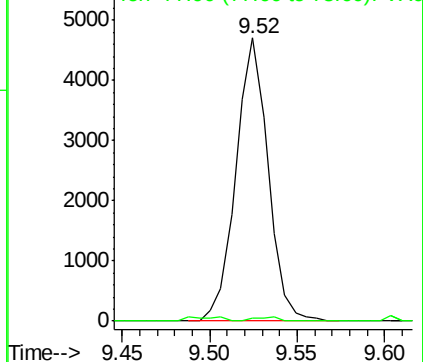
76 100

78 1.1 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 19.90 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX016253.D

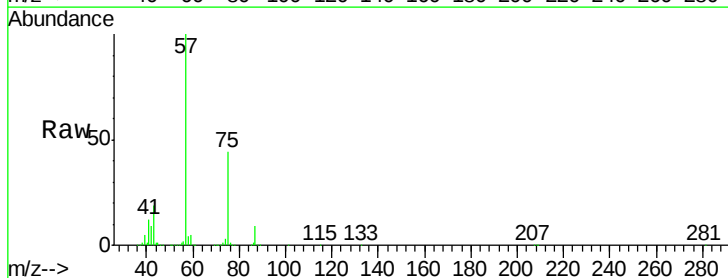
Acq: 15 May 2020 00:42

Tgt Ion: 43 Resp: 72949

Ion Ratio Lower Upper

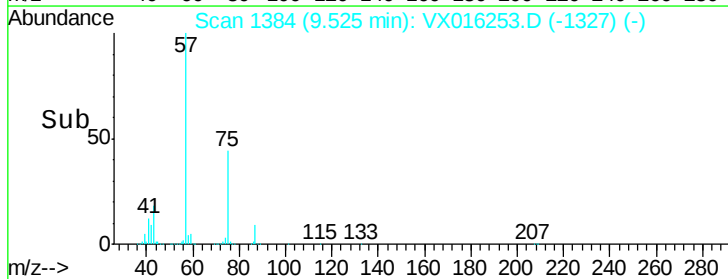
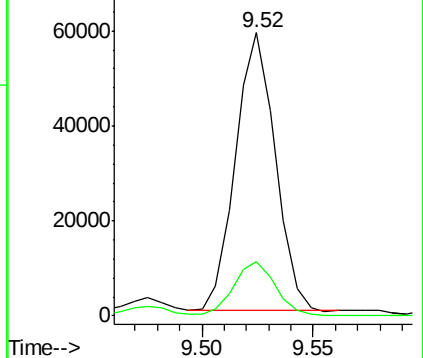
43 100

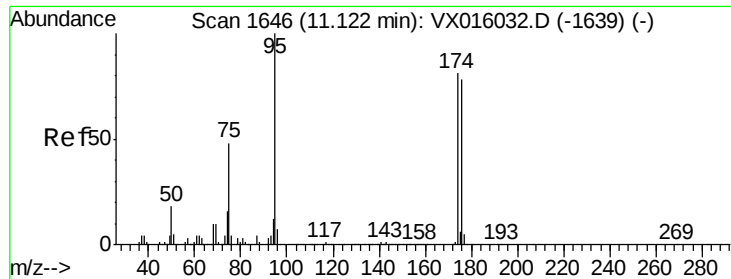
58 21.2 28.6 85.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.55 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#01

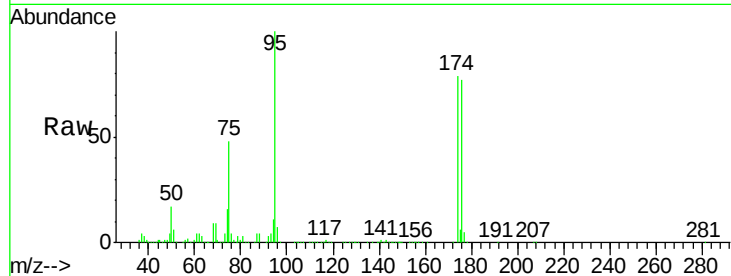
Tgt Ion: 95 Resp: 208361

Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.4

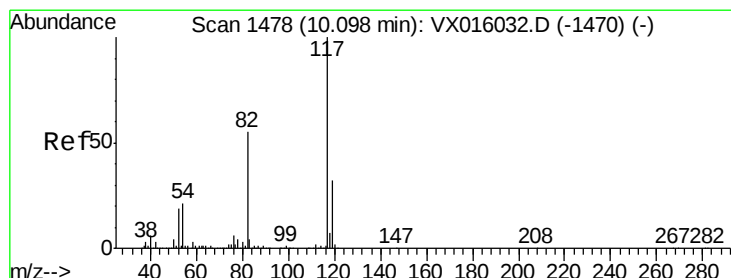
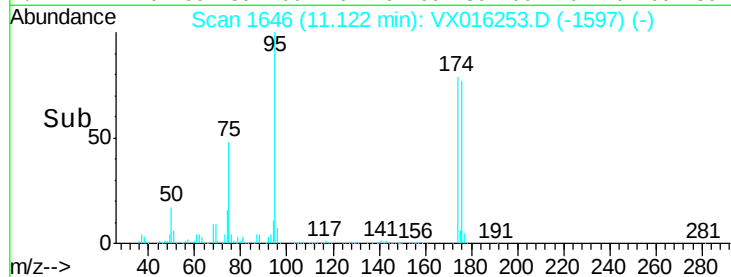
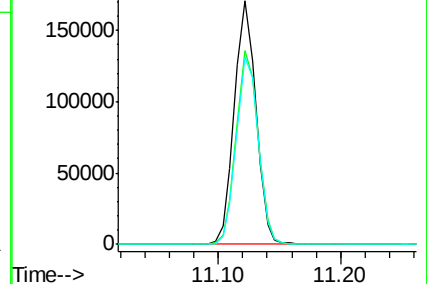
176 78.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016032.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016032.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016032.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

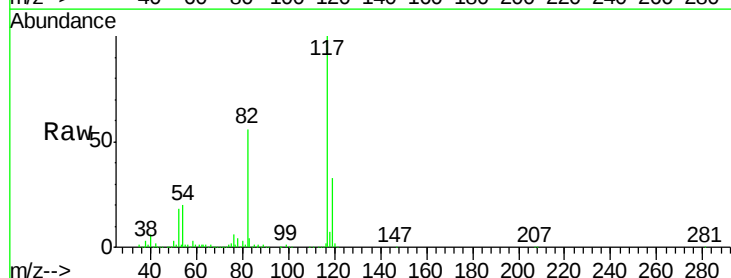
Tgt Ion: 117 Resp: 415580

Ion Ratio Lower Upper

117 100

82 56.0 44.4 66.6

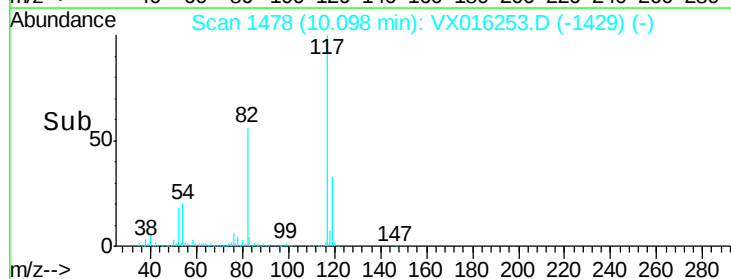
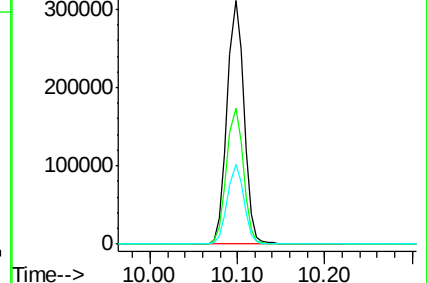
119 32.6 25.5 38.3

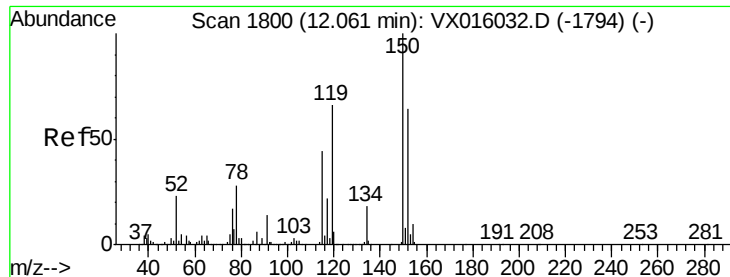


Abundance Ion 116.90 (116.60 to 117.60): VX016032.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016032.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016032.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#01

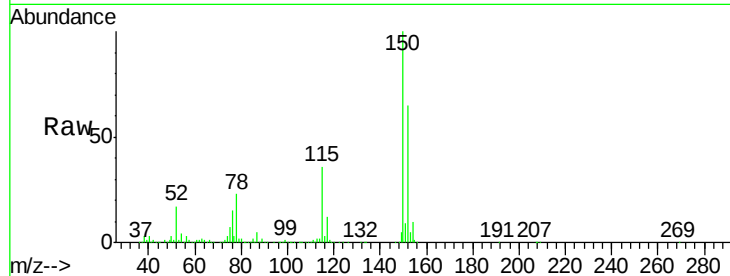
Tgt Ion:152 Resp: 209846

Ion Ratio Lower Upper

152 100

115 59.1 41.3 124.1

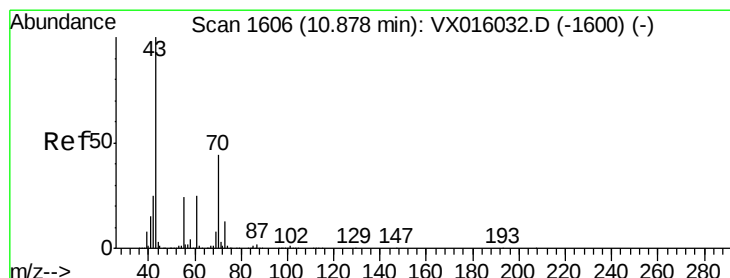
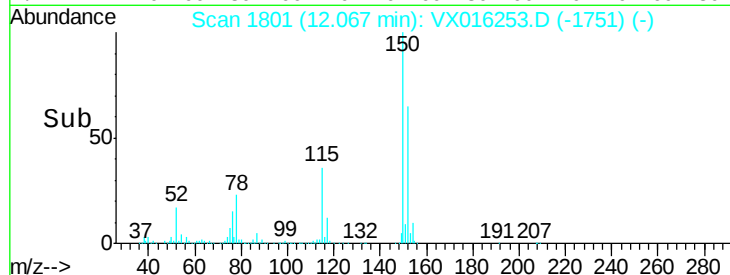
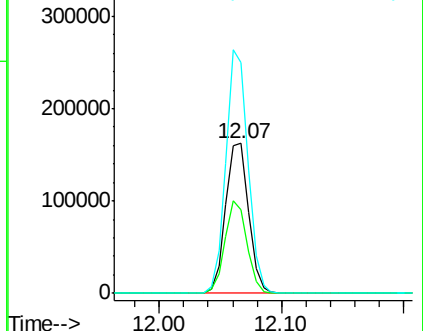
150 155.9 0.0 352.2



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: 0.66 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Tgt Ion: 43 Resp: 4686

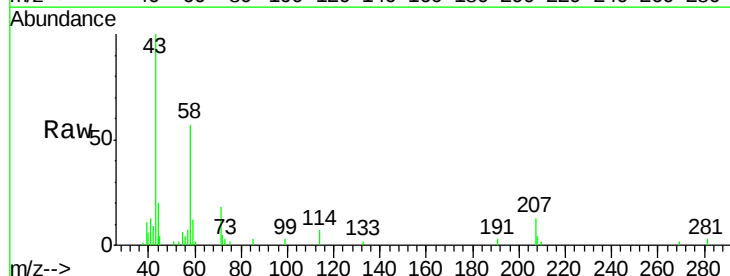
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 10.1 19.7 29.5#

61 0.0 20.9 31.3#

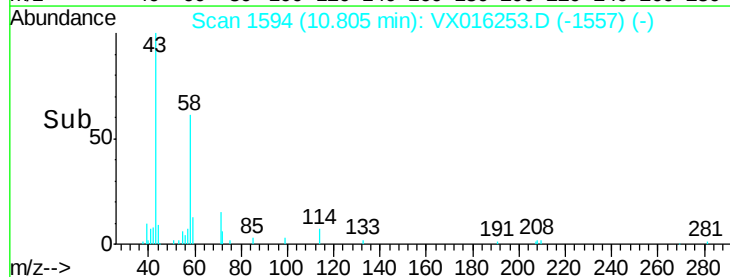
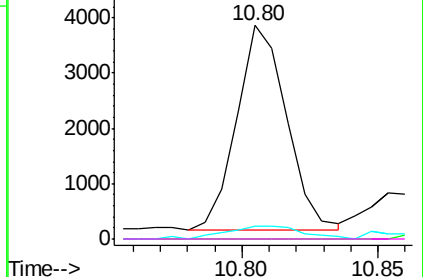


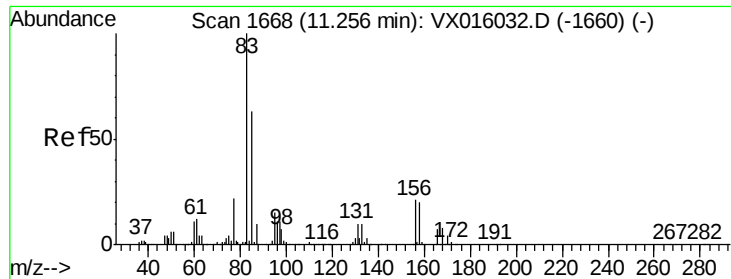
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 2.06 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#01

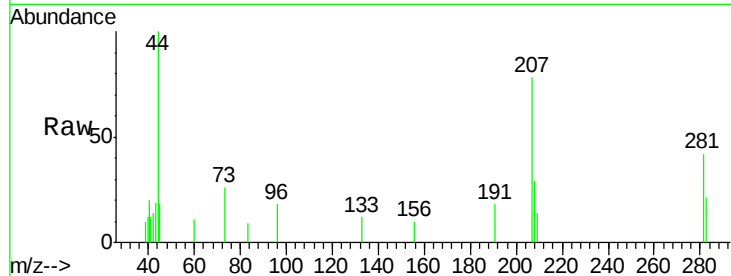
Tgt Ion: 83 Resp: 19

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

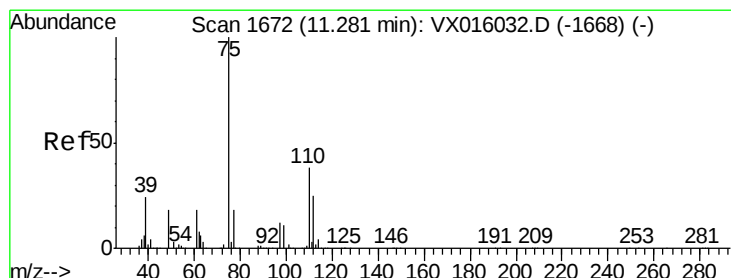
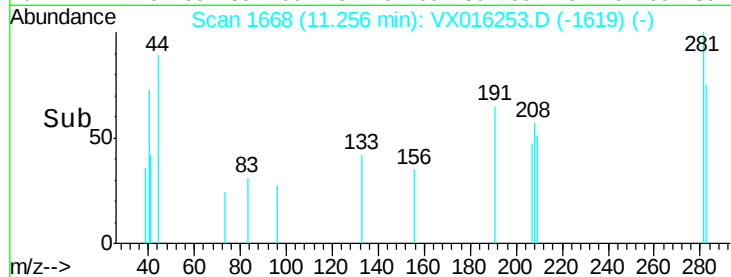
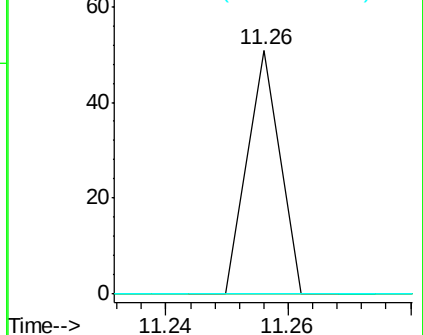
85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.17 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016253.D

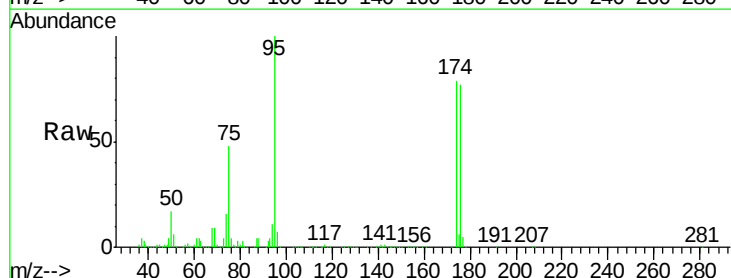
Acq: 15 May 2020 00:42

Tgt Ion: 75 Resp: 100811

Ion Ratio Lower Upper

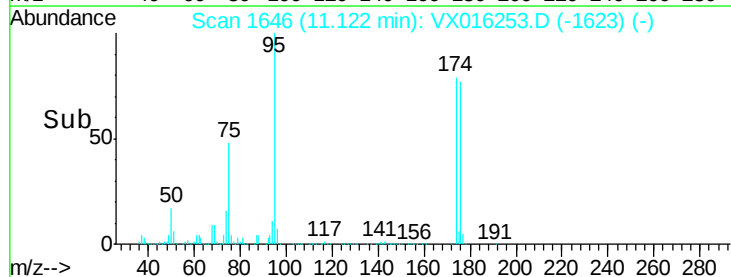
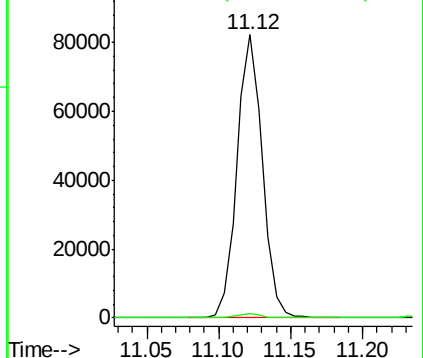
75 100

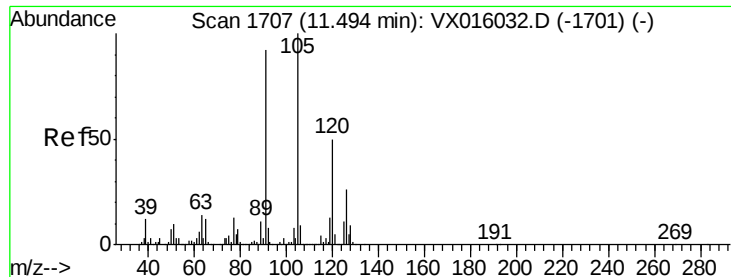
77 1.4 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#80

1,3,5-Trimethylbenzene

Concen: 0.28 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

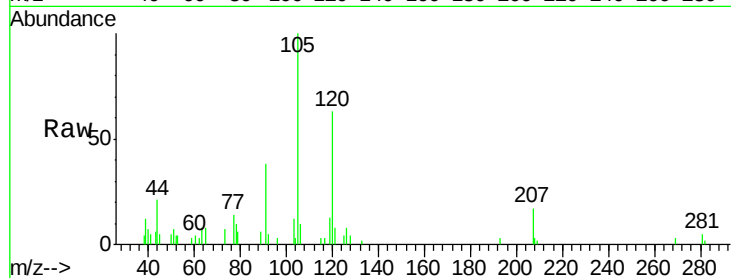
PB128866ZHE#01

Tgt Ion: 105 Resp: 3658

Ion Ratio Lower Upper

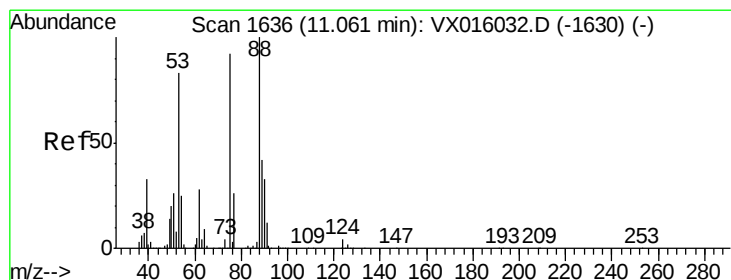
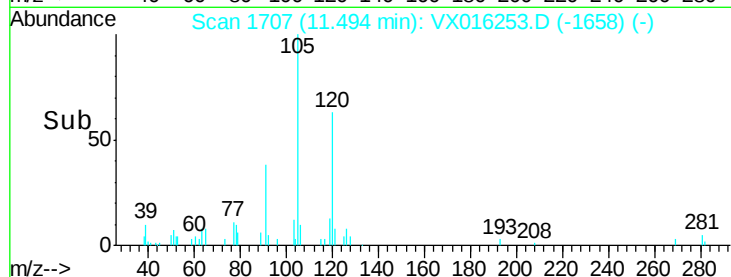
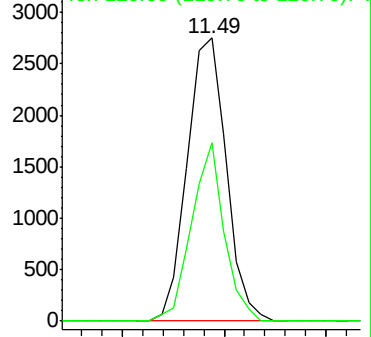
105 100

120 52.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 50.45 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016253.D

Acq: 15 May 2020 00:42

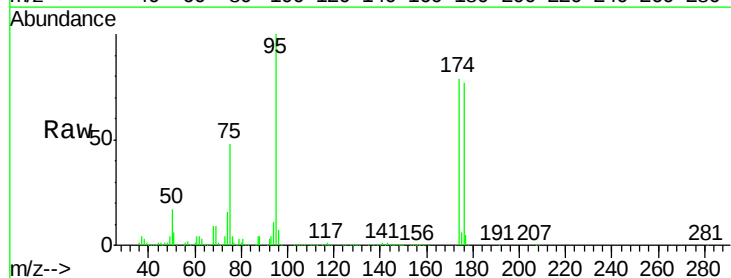
Tgt Ion: 75 Resp: 100811

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

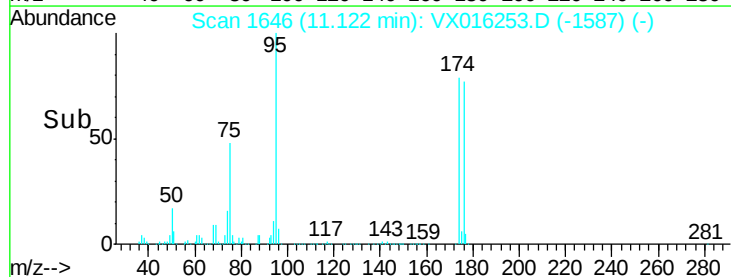
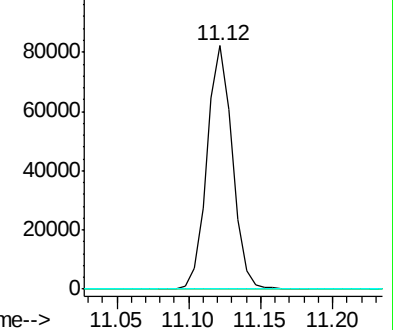
89 0.0 36.7 55.1#

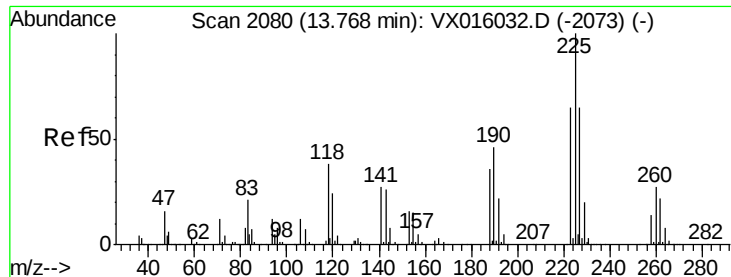


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#94

Hexachlorobutadiene

Concen: 0.72 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016253.D

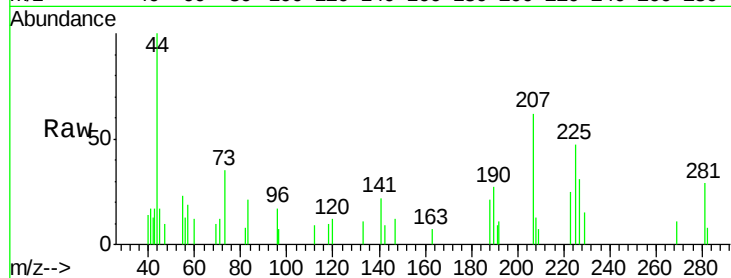
Acq: 15 May 2020 00:42

Instrument :

MSVOA_X

ClientSampleId :

PB128866ZHE#01



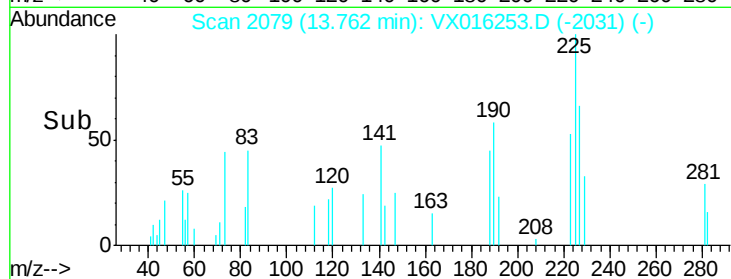
Tgt Ion: 225 Resp: 429

Ion Ratio Lower Upper

225 100

223 56.2 32.3 96.9

227 60.4 31.8 95.4



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

