

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017511.D
 Acq On : 23 Jul 2020 23:35
 Operator : JC/SP
 Sample : PB130403ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130403ZHE#01

Quant Time: Jul 24 06:04:13 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	514560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	866901	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	940036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	456758	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	352275	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
35) Dibromofluoromethane	5.47	113	292774	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
50) Toluene-d8	8.70	98	1103552	52.76	ug/l	0.00
Spiked Amount			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	11.12	95	439948	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	677	Below Cal	#	1
3) Chloromethane	1.32	50	759	0.485	ug/l #	42
5) Bromomethane	1.64	94	857	Below Cal	#	56
6) Chloroethane	1.69	64	143	Below Cal	#	1
8) Diethyl Ether	2.17	74	1686	Below Cal		79
11) Tert butyl alcohol	3.01	59	3339	2.397	ug/l #	55
13) Acrolein	2.28	56	1090	5.156	ug/l	90
15) Acrylonitrile	3.11	53	829	0.276	ug/l #	72
16) Acetone	2.42	43	63968	21.988	ug/l	97
17) Carbon Disulfide	2.55	76	4603	0.285	ug/l #	86
18) Methyl Acetate	2.75	43	6185	0.903	ug/l #	78
20) Methylene Chloride	2.84	84	45069	7.124	ug/l	95
25) 2-Butanone	4.65	43	19035	4.606	ug/l	91
29) Tetrahydrofuran	5.10	42	3763	1.470	ug/l	92
36) 1,1-Dichloropropene	5.63	75	36766	4.422	ug/l #	52
38) Carbon Tetrachloride	5.63	117	51152	5.066	ug/l #	18
43) Isopropyl Acetate	6.42	43	167878	11.185	ug/l	98
44) Trichloroethene	7.19	130	2047	0.294	ug/l	71
48) Methyl methacrylate	7.85	41	280865	37.749	ug/l #	45
49) 1,4-Dioxane	7.74	88	283	1.984	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	169987	18.981	ug/l #	47
54) cis-1,3-Dichloropropene	8.60	75	72796	6.785	ug/l #	59
59) 2-Hexanone	9.52	43	182658	27.090	ug/l #	51
68) m/p-Xylenes	10.35	106	2873	0.218	ug/l	84
74) N-amyl acetate	10.80	43	7957	0.572	ug/l #	51
76) 1,2,3-Trichloropropane	11.12	75	227514	24.215	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.49	105	8331	0.311	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.12	75	227514	61.016	ug/l #	11
87) 1,3-Dichlorobenzene	12.01	146	3340	0.222	ug/l	88
88) 1,4-Dichlorobenzene	12.01	146	3340	0.214	ug/l	89
89) n-Butylbenzene	12.37	91	5651	0.223	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.02	75	168	2.634	ug/l #	54
93) 1,2,4-Trichlorobenzene	13.63	180	3431	0.340	ug/l	93
94) Hexachlorobutadiene	13.77	225	1638	0.352	ug/l	83

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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

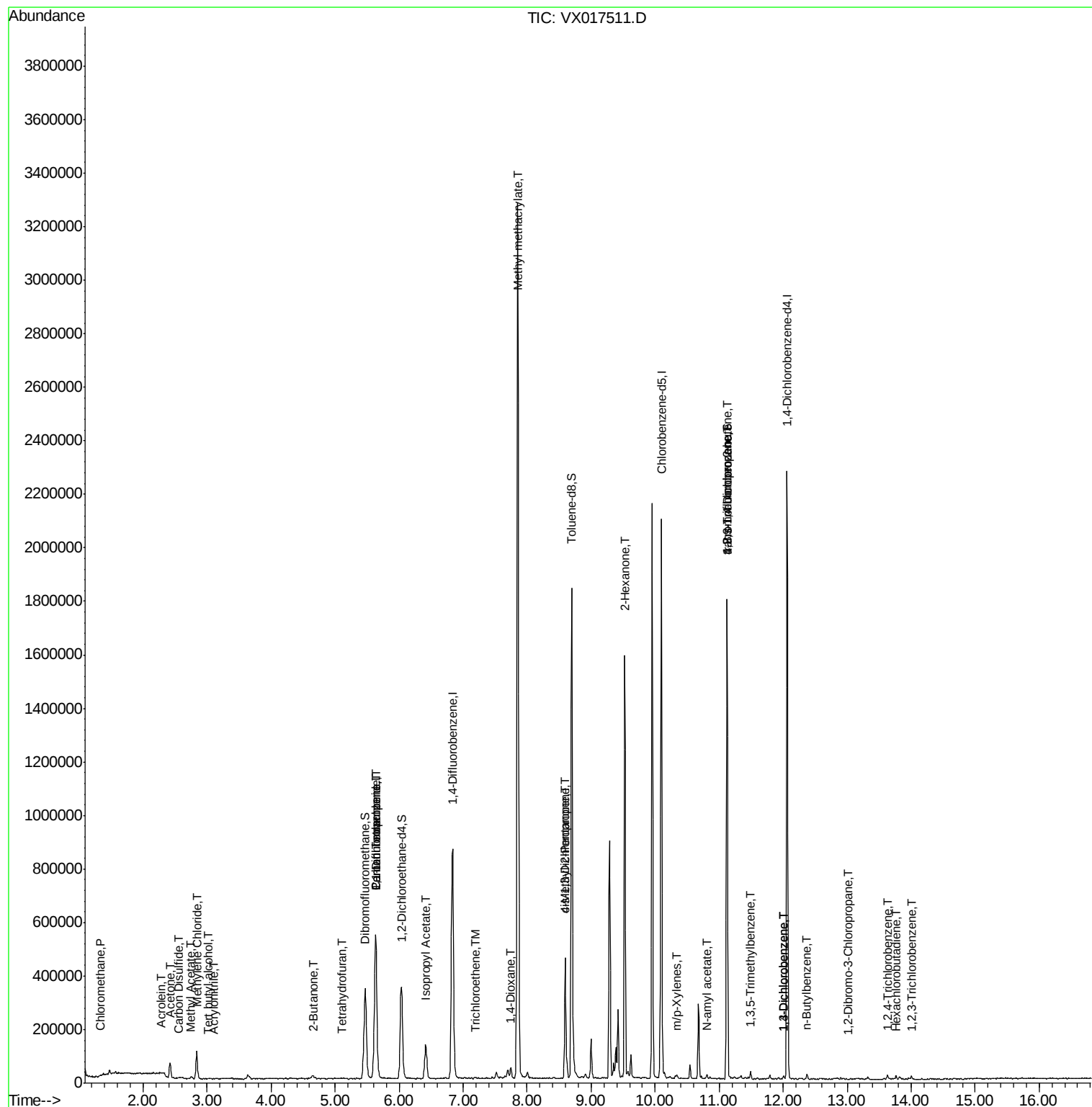
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.01	180	2555	0.256	ug/l	78

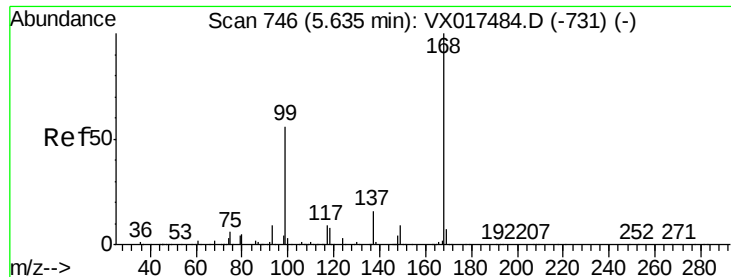
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072320\
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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: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

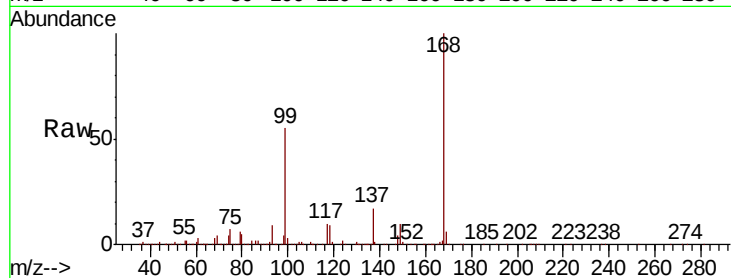
PB130403ZHE#01

Tot Ion:168 Resp: 514560

Ion Ratio Lower Upper

168 100

99 55.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

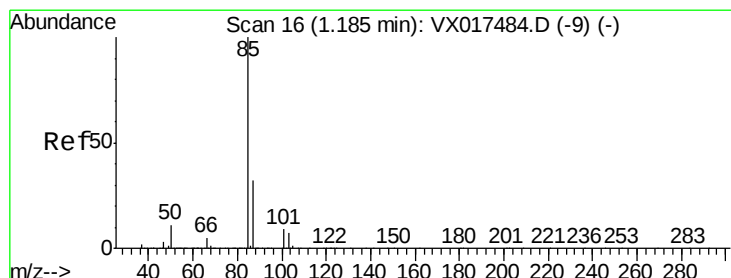
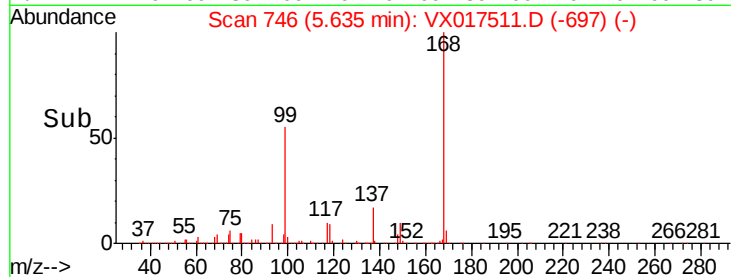
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017511.D

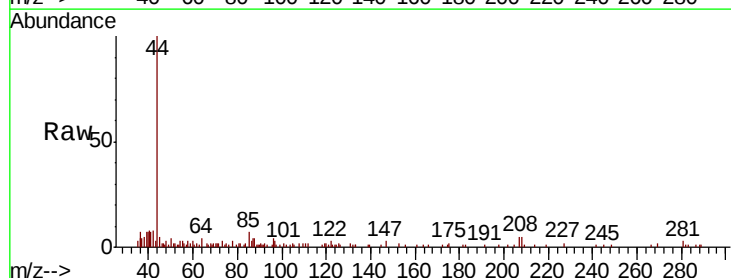
Acq: 23 Jul 2020 23:35

Tgt Ion: 85 Resp: 677

Ion Ratio Lower Upper

85 100

87 147.3 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

500

400

300

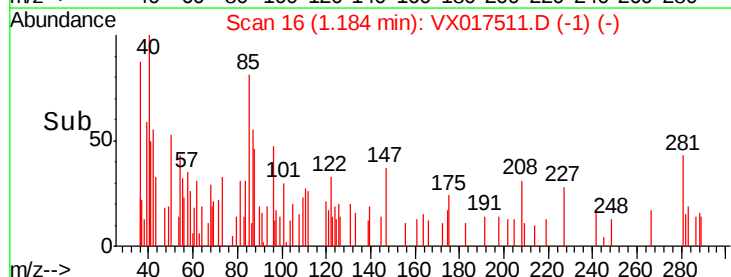
200

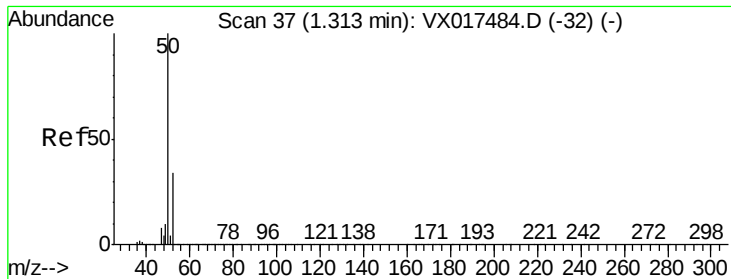
100

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.485 ug/l

RT: 1.32 min Scan# 39

Delta R.T. 0.01 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

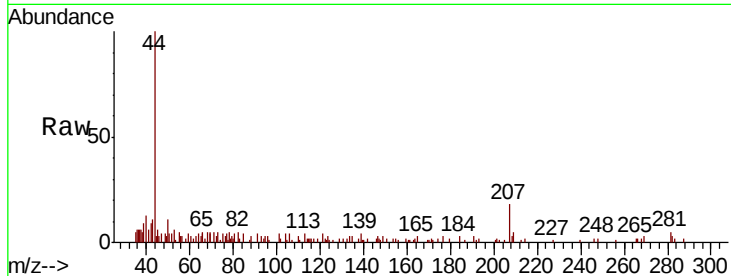
PB130403ZHE#01

Tot Ion: 50 Resp: 759

Ion Ratio Lower Upper

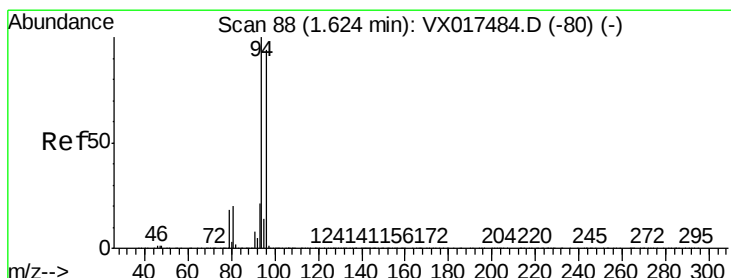
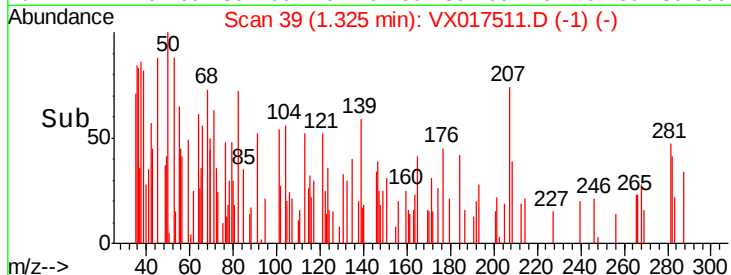
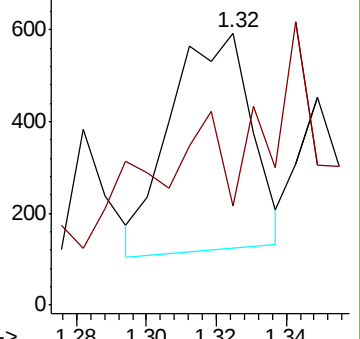
50 100

52 0.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017511.D

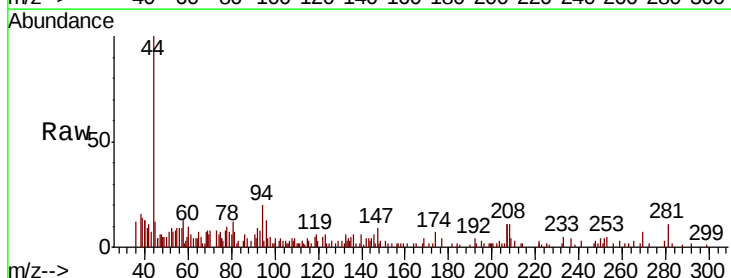
Acq: 23 Jul 2020 23:35

Tgt Ion: 94 Resp: 857

Ion Ratio Lower Upper

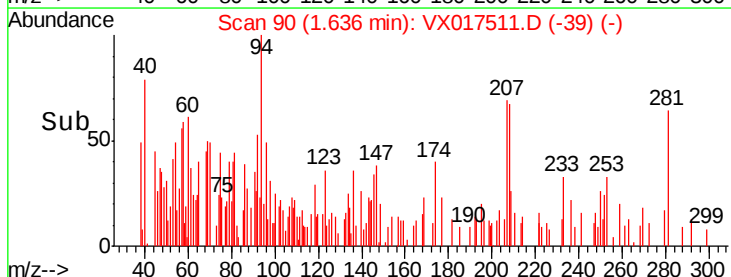
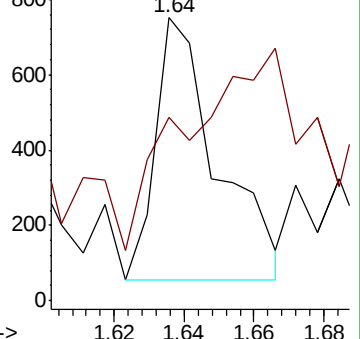
94 100

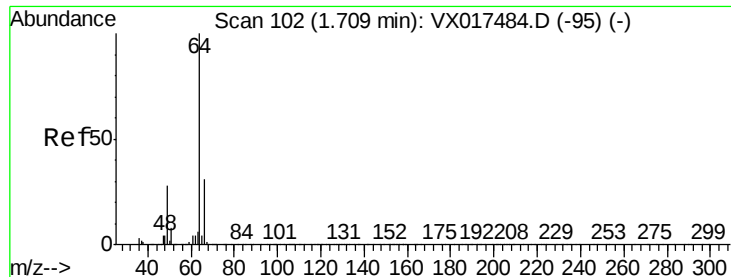
96 50.4 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

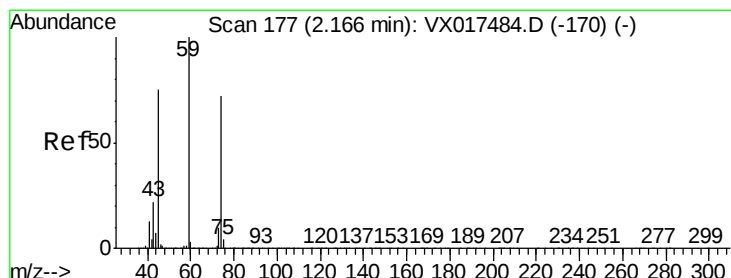
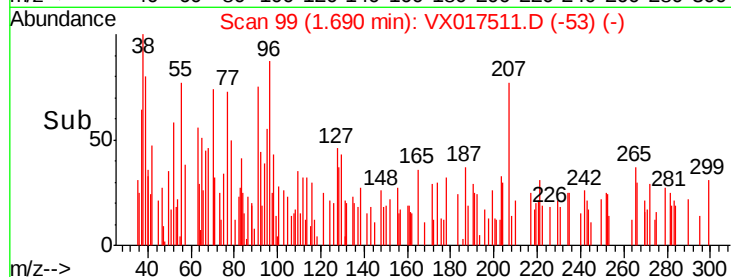
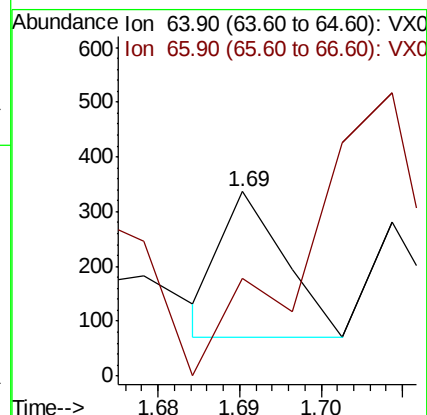
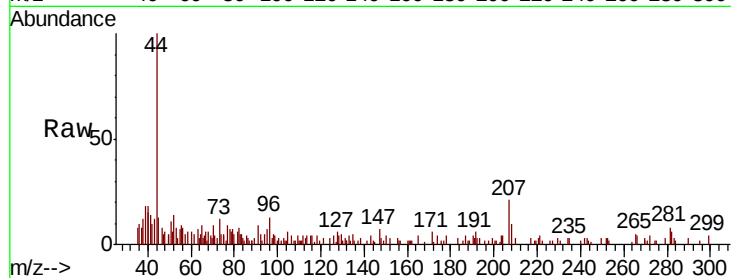
PB130403ZHE#01

Tot Ion: 64 Resp: 143

Ion Ratio Lower Upper

64 100

66 148.7 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017511.D

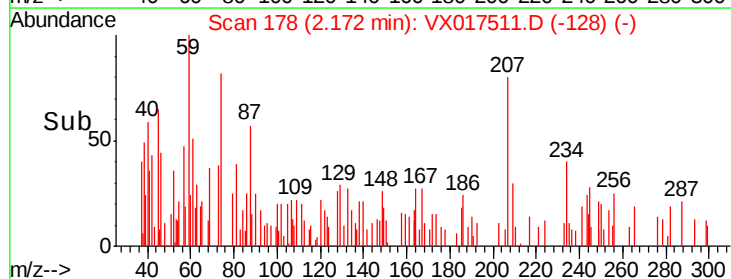
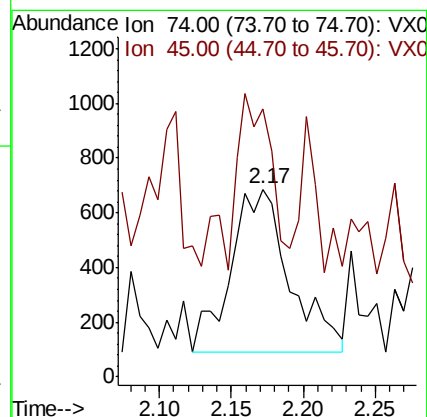
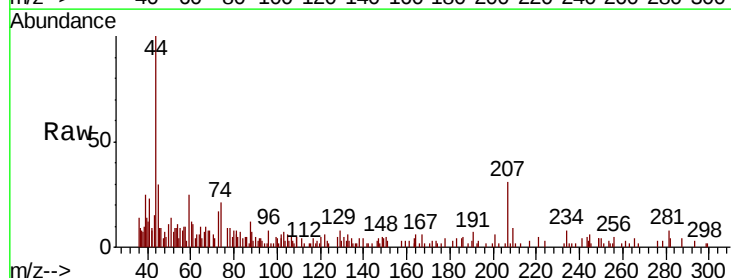
Acq: 23 Jul 2020 23:35

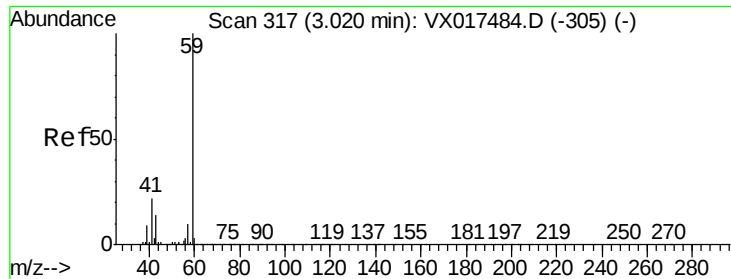
Tgt Ion: 74 Resp: 1686

Ion Ratio Lower Upper

74 100

45 80.3 50.8 152.5

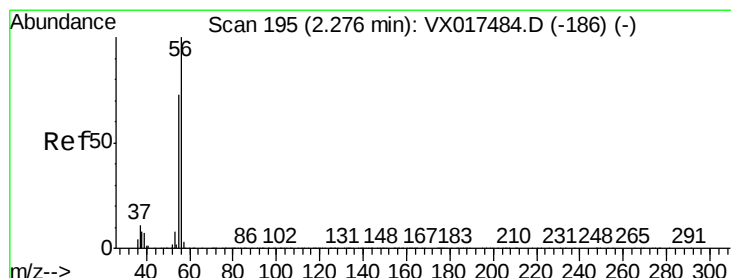
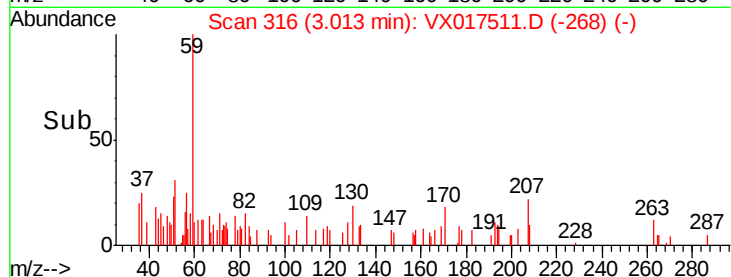
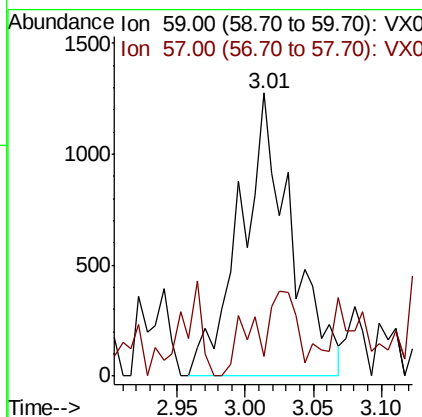
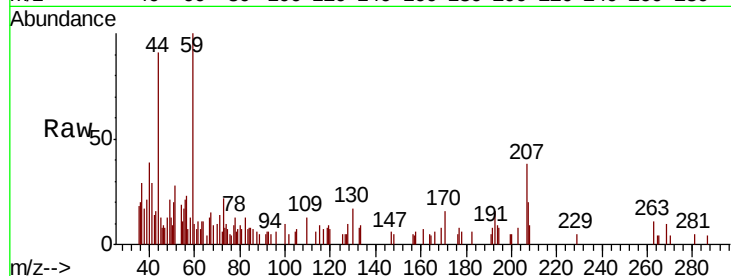




#11
Tert butyl alcohol
Concen: 2.397 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

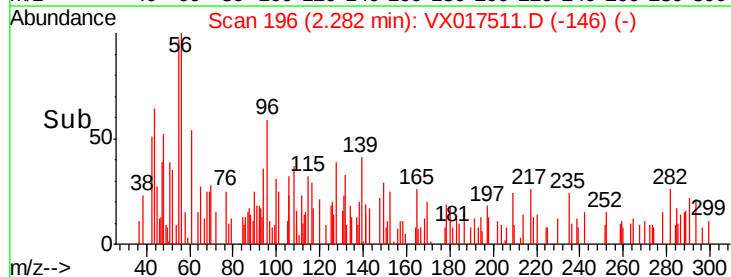
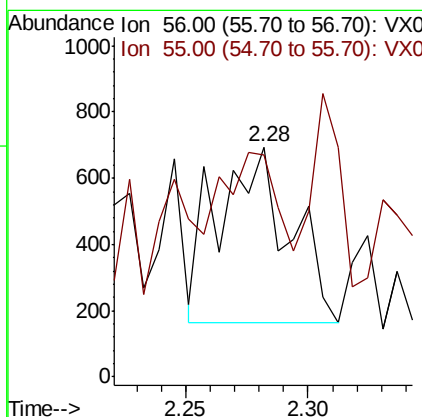
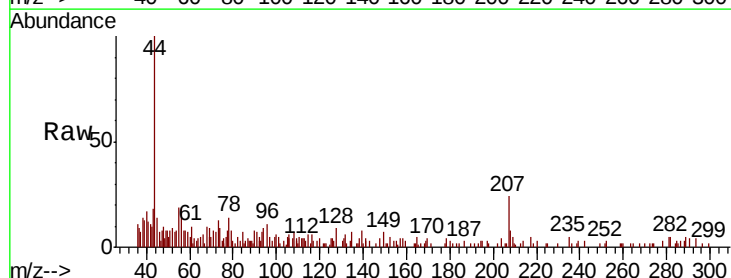
Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#01

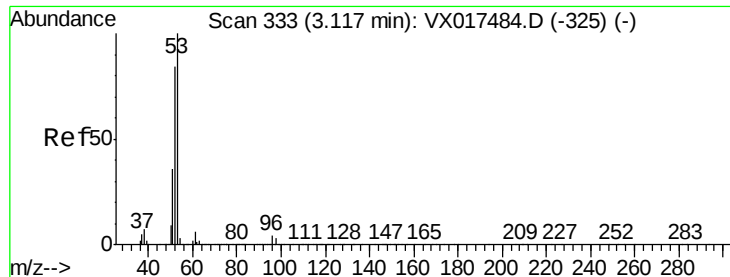
Tot Ion: 59 Resp: 3339
Ion Ratio Lower Upper
59 100
57 27.7 8.6 12.8#



#13
Acrolein
Concen: 5.156 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

Tgt Ion: 56 Resp: 1090
Ion Ratio Lower Upper
56 100
55 79.8 57.4 86.2





#15

Acrylonitrile

Concen: 0.276 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

PB130403ZHE#01

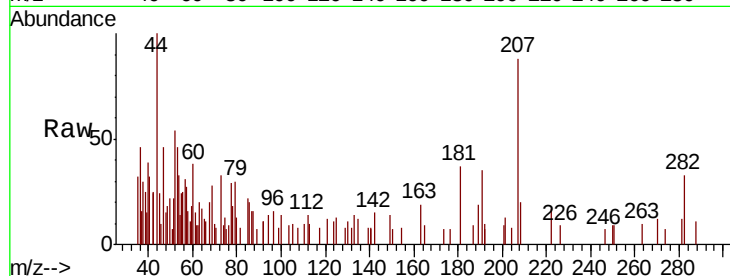
Tot Ion: 53 Resp: 829

Ion Ratio Lower Upper

53 100

52 63.4 66.6 99.8#

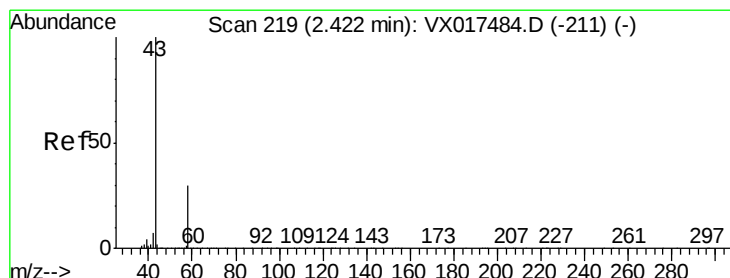
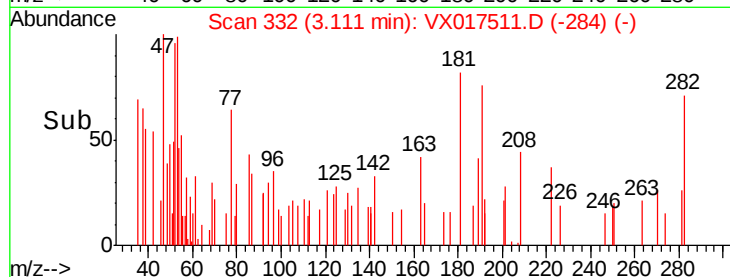
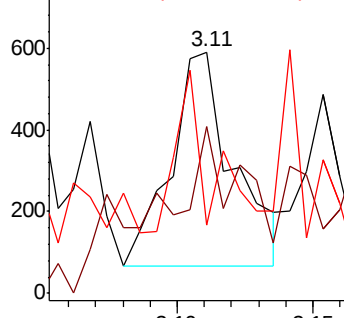
51 61.0 29.4 44.2#



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



#16

Acetone

Concen: 21.988 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017511.D

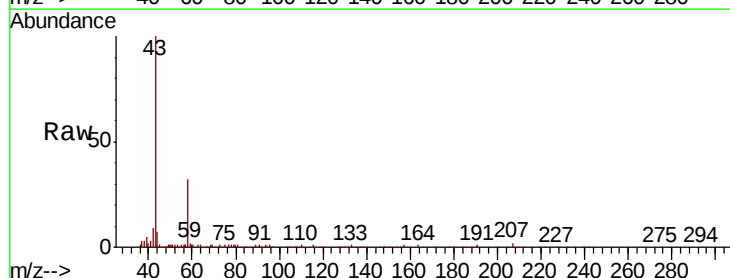
Acq: 23 Jul 2020 23:35

Tgt Ion: 43 Resp: 63968

Ion Ratio Lower Upper

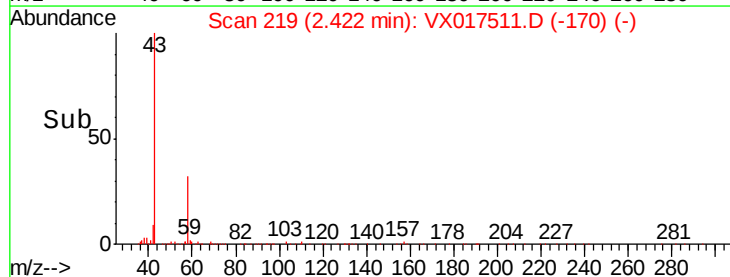
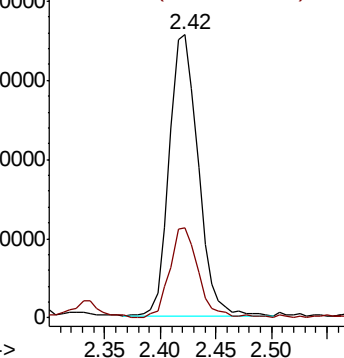
43 100

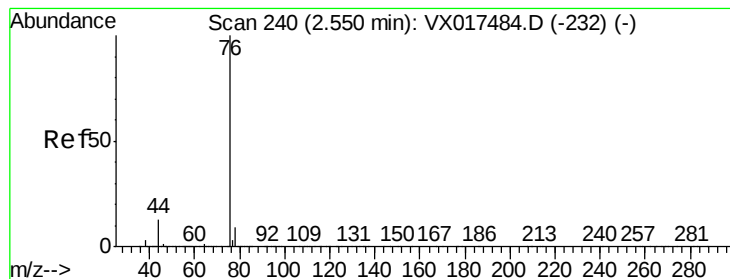
58 31.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.285 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

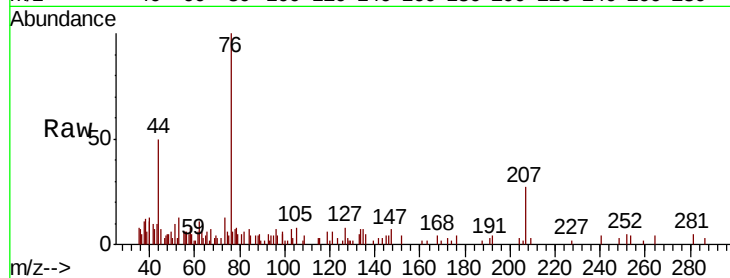
PB130403ZHE#01

Tot Ion: 76 Resp: 4603

Ion Ratio Lower Upper

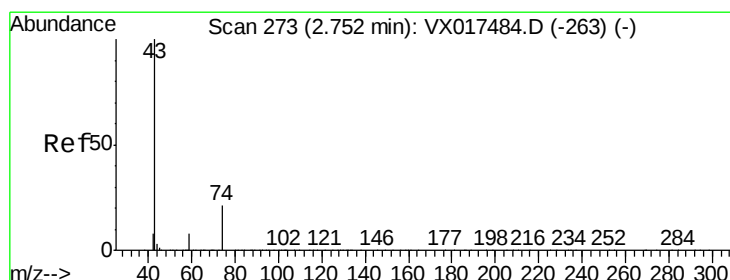
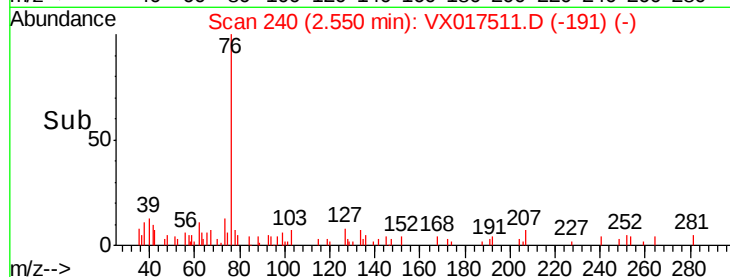
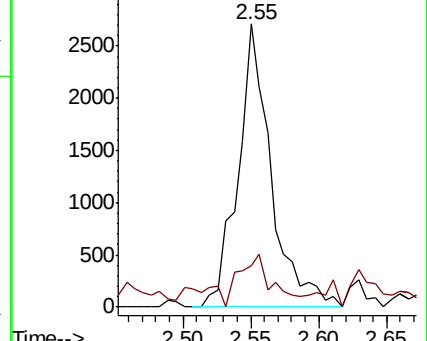
76 100

78 14.6 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.903 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017511.D

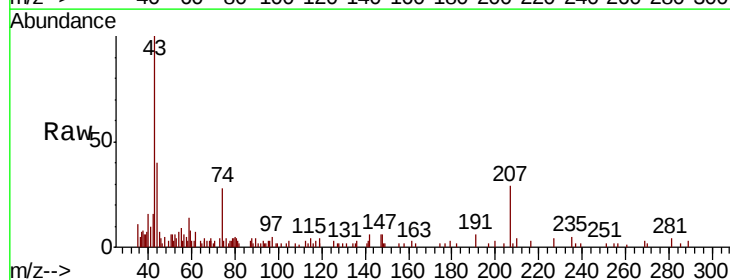
Acq: 23 Jul 2020 23:35

Tgt Ion: 43 Resp: 6185

Ion Ratio Lower Upper

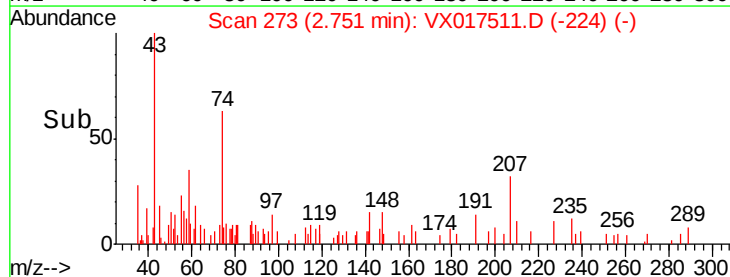
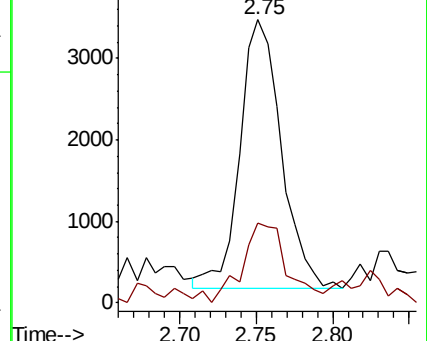
43 100

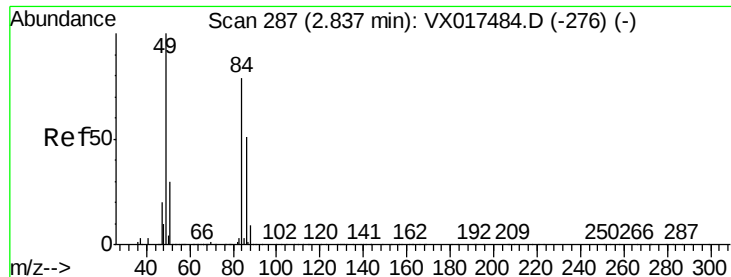
74 32.4 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

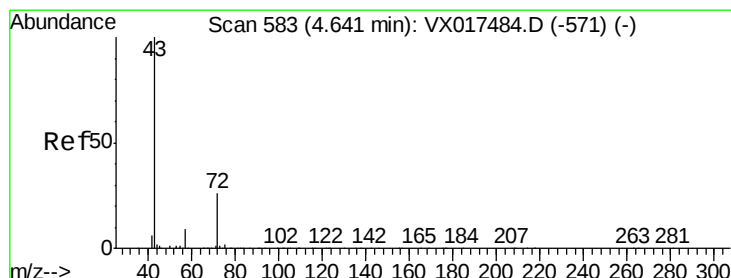
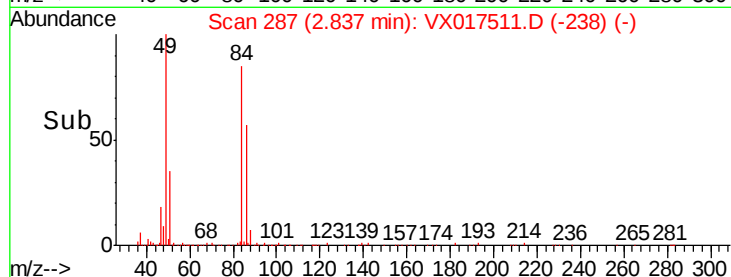
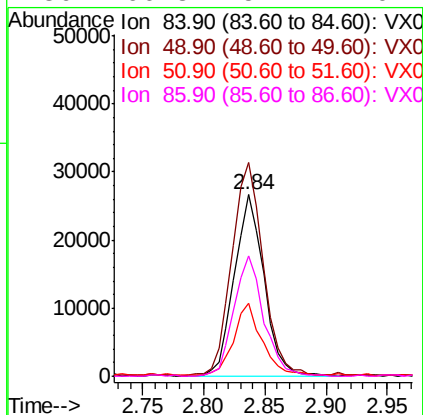
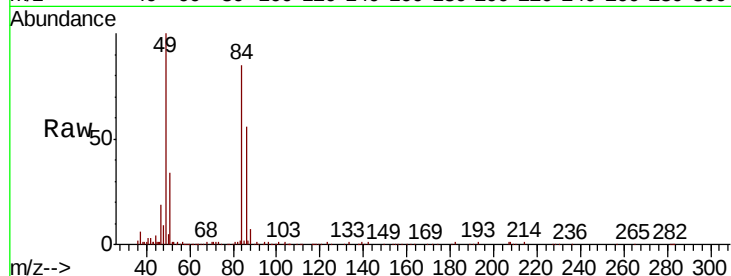




#20
Methvlene Chloride
Concen: 7.124 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

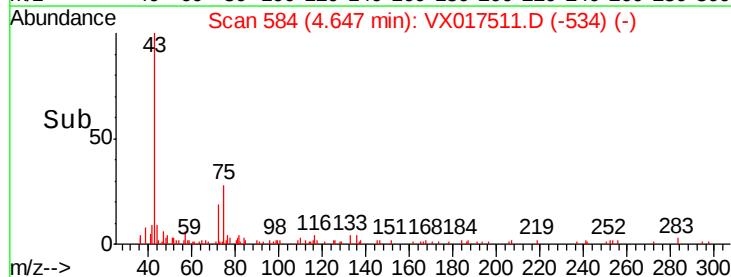
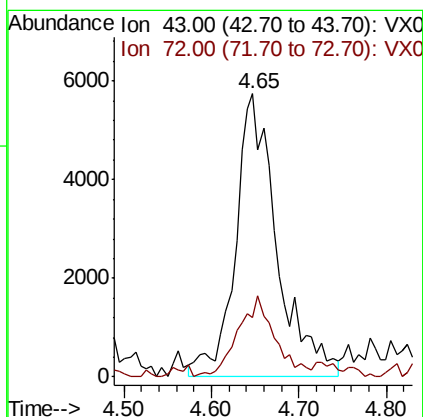
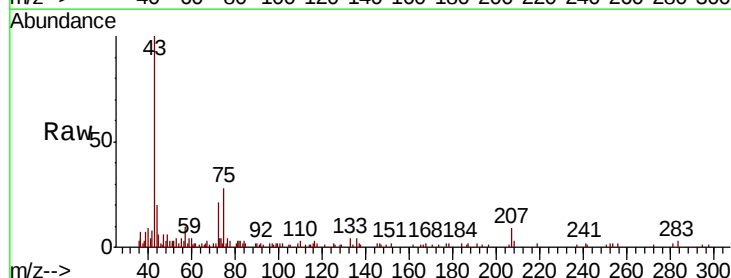
Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#01

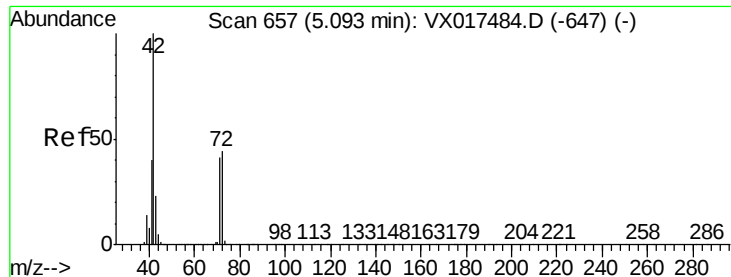
Tot Ion:	84	Resp:	45069
Ion	Ratio	Lower	Upper
84	100		
49	116.8	100.3	150.5
51	39.6	30.5	45.7
86	66.3	51.1	76.7



#25
2-Butanone
Concen: 4.606 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

Tgt Ion:	43	Resp:	19035
Ion	Ratio	Lower	Upper
43	100		
72	19.3	19.0	28.4





#29

Tetrahydrofuran

Concen: 1.470 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

PB130403ZHE#01

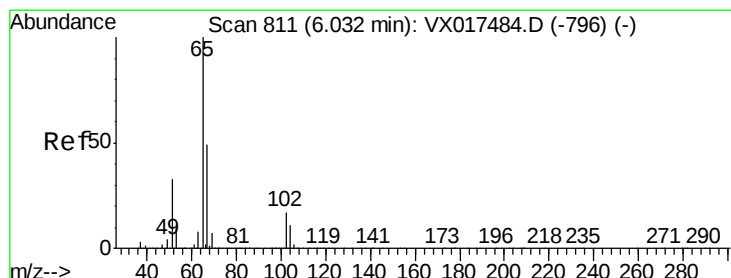
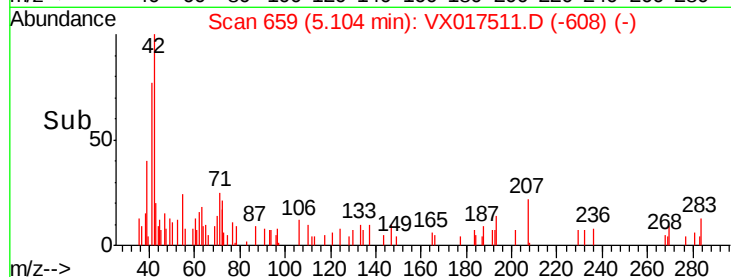
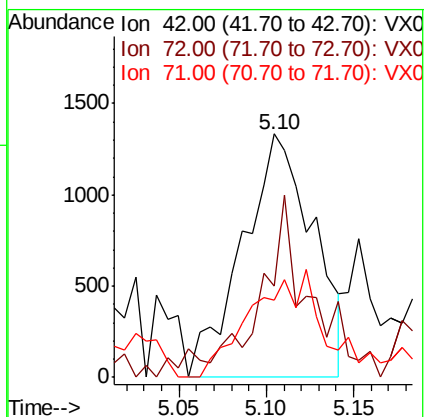
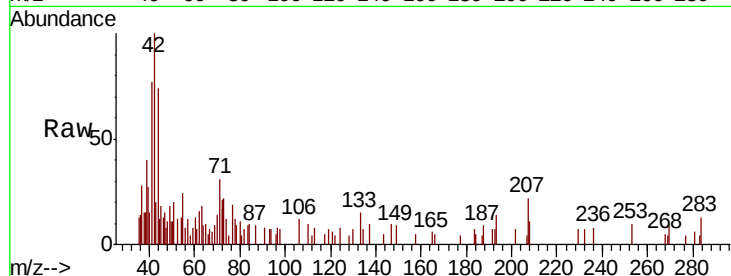
Tot Ion: 42 Resp: 3763

Ion Ratio Lower Upper

42 100

72 50.0 35.5 53.3

71 45.4 33.0 49.4



#33

1,2-Dichloroethane-d4

Concen: 53.296 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017511.D

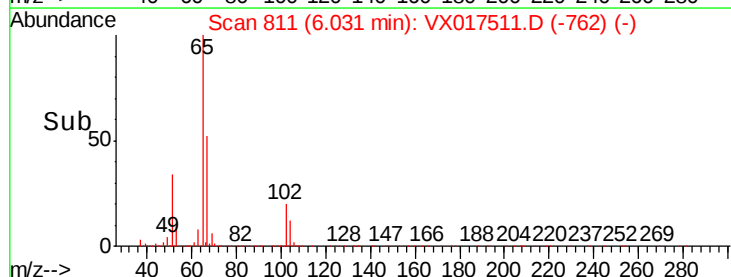
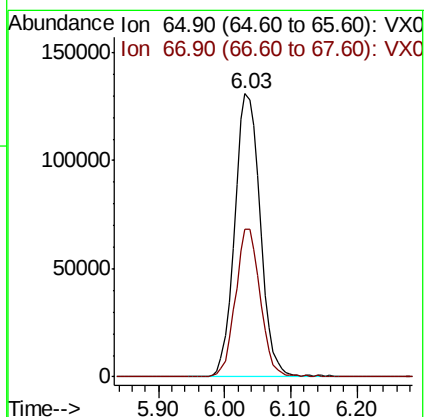
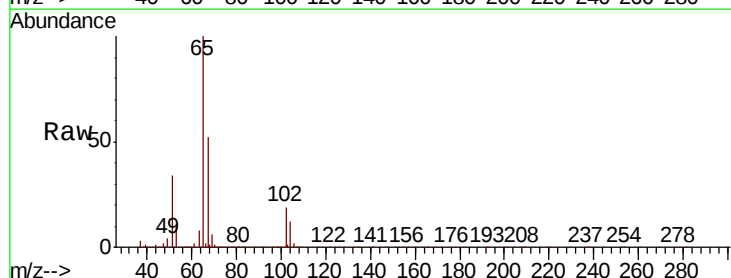
Acq: 23 Jul 2020 23:35

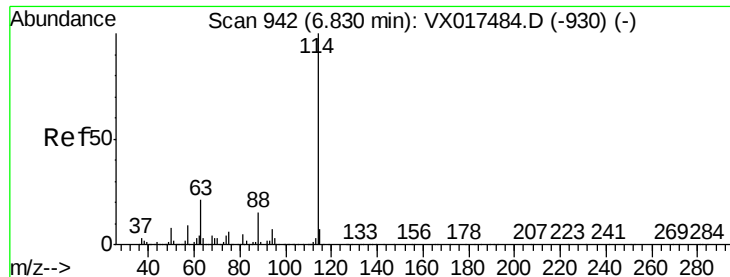
Tgt Ion: 65 Resp: 352275

Ion Ratio Lower Upper

65 100

67 50.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

PB130403ZHE#01

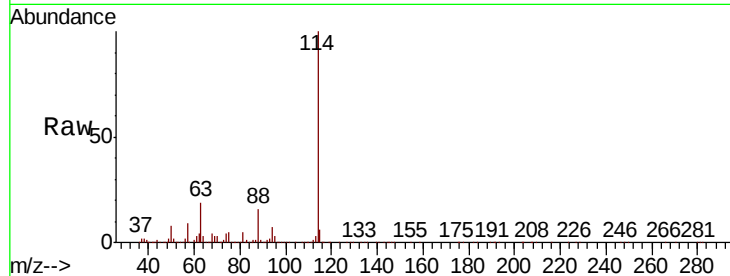
Tot Ion:114 Resp: 866901

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.6

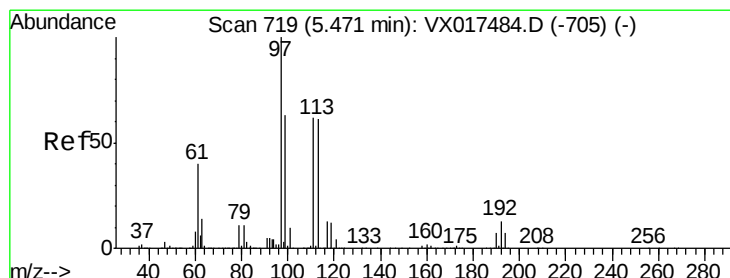
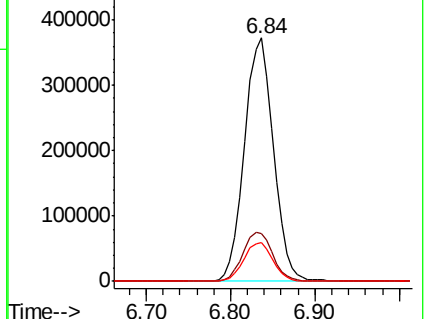
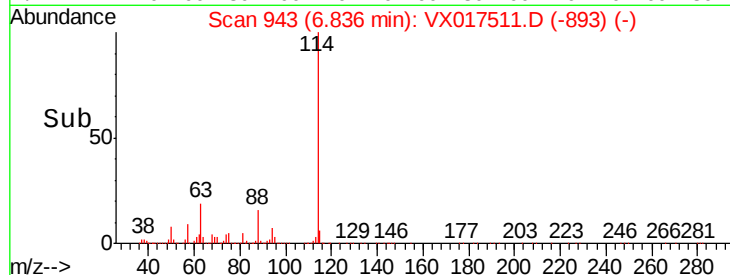
88 16.0 0.0 33.4



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



#35

Dibromofluoromethane

Concen: 50.497 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

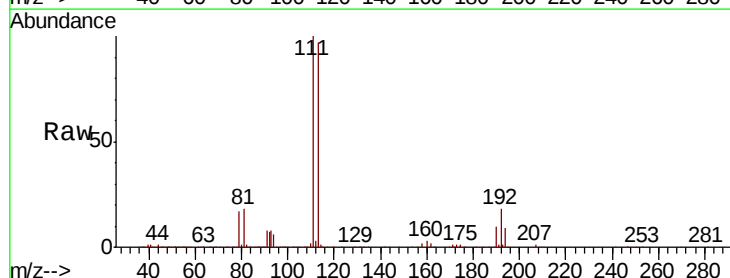
Tgt Ion:113 Resp: 292774

Ion Ratio Lower Upper

113 100

111 100.6 80.7 121.1

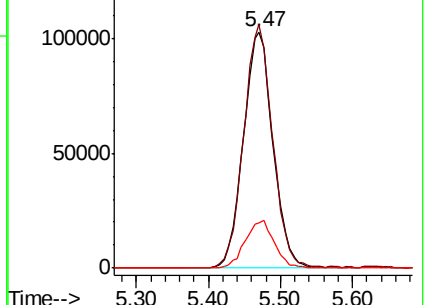
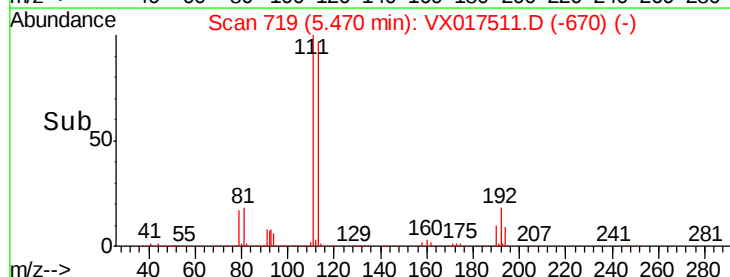
192 20.1 16.9 25.3

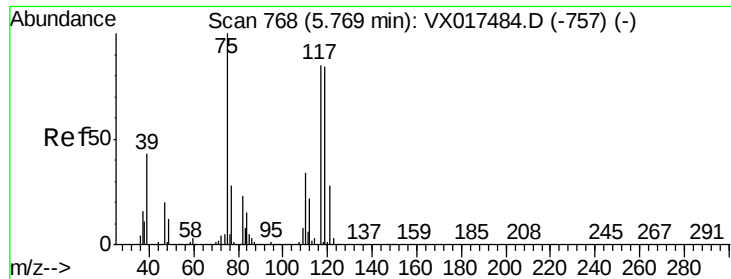


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

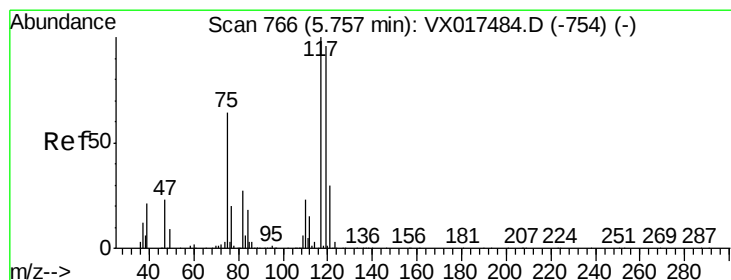
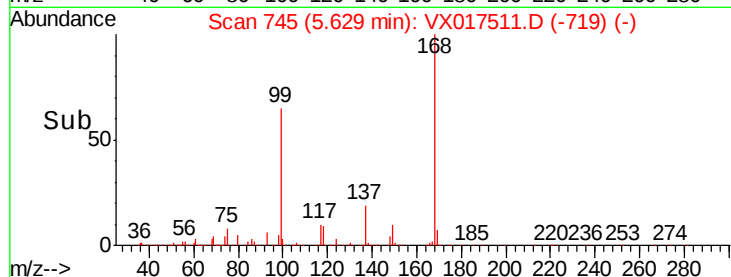
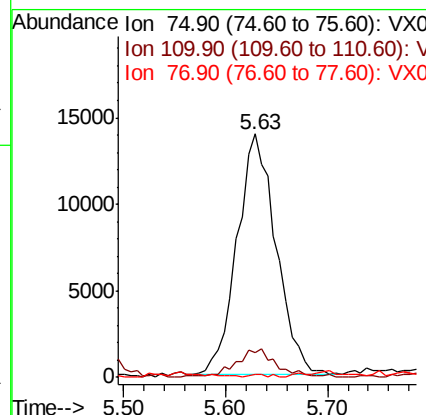
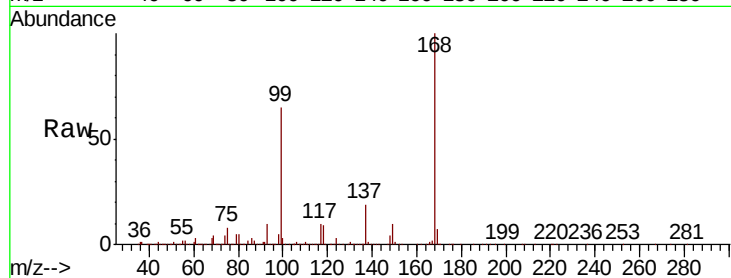




#36
 1,1-Dichloropropene
 Concen: 4.422 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

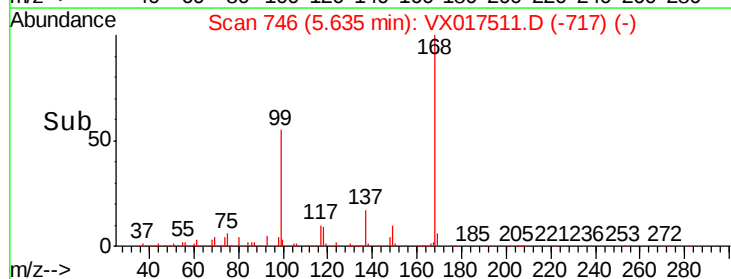
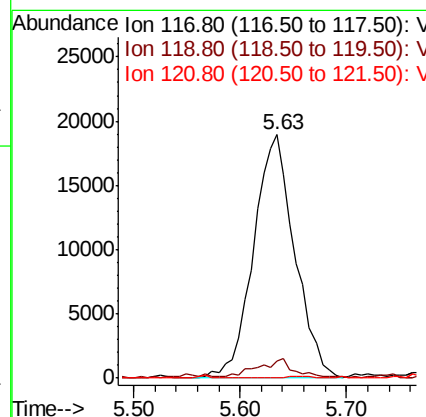
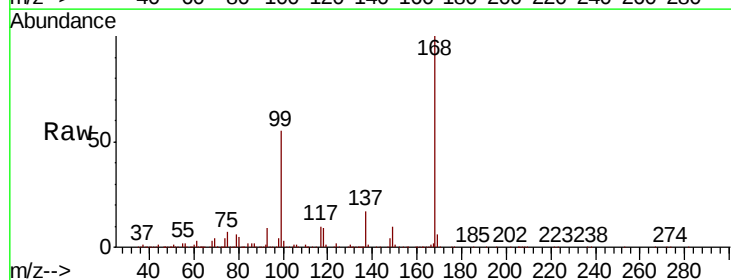
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130403ZHE#01

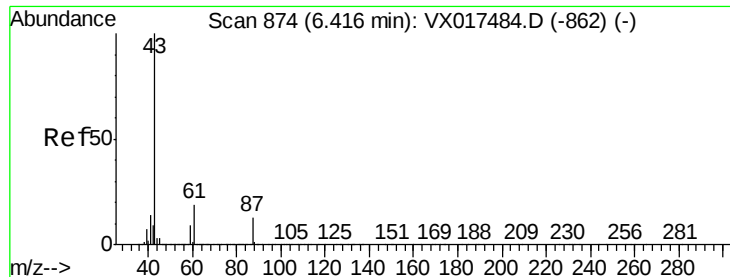
Tot Ion: 75 Resp: 36766
 Ion Ratio Lower Upper
 75 100
 110 12.2 18.1 54.3#
 77 0.4 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.066 ug/l
 RT: 5.63 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

Tgt Ion: 117 Resp: 51152
 Ion Ratio Lower Upper
 117 100
 119 6.6 75.4 113.0#
 121 0.0 24.3 36.5#



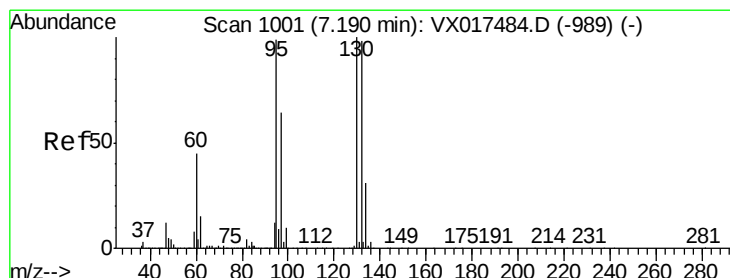
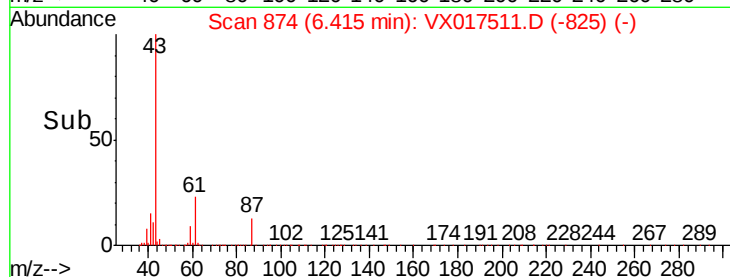
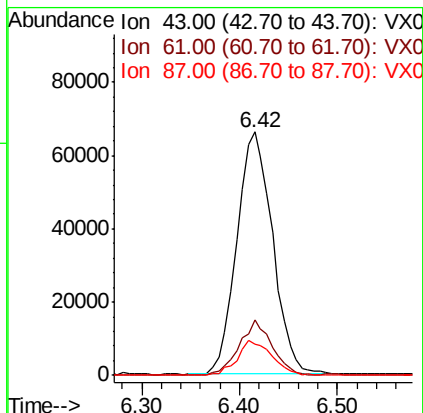
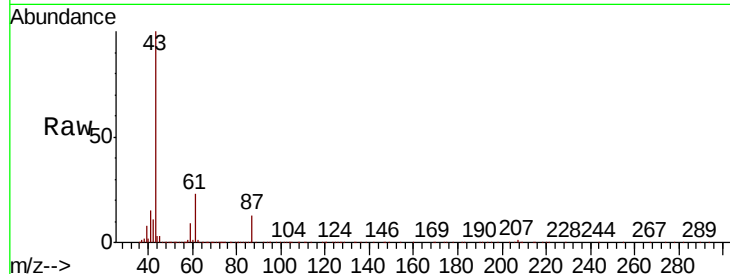


#43

Isopropyl Acetate
 Concen: 11.185 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130403ZHE#01

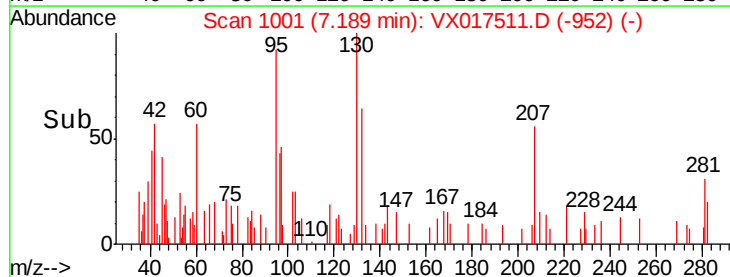
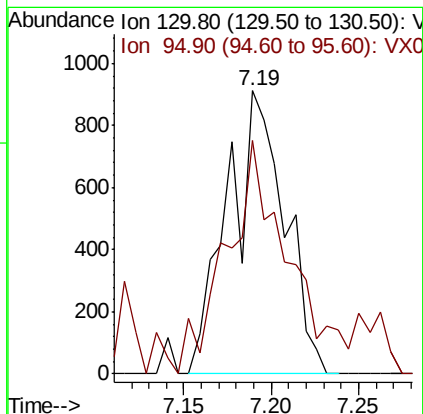
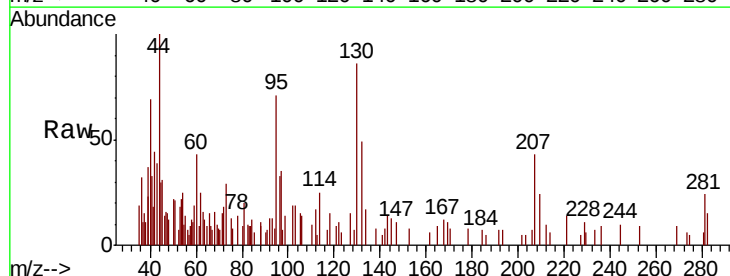
Tot Ion	43	Resp	167878
Ion Ratio	Lower	Upper	
43	100		
61	20.6	15.5	23.3
87	13.9	10.5	15.7

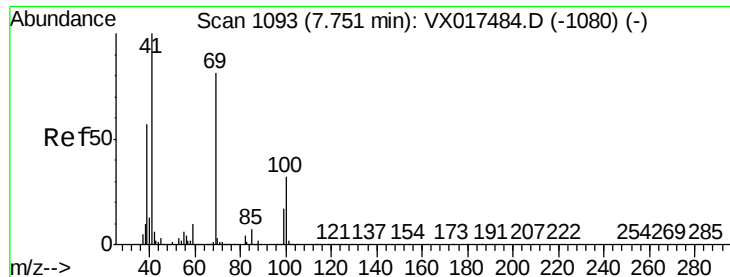


#44

Trichloroethene
 Concen: 0.294 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

Tgt Ion	130	Resp	2047
Ion Ratio	Lower	Upper	
130	100		
95	66.6	0.0	189.0

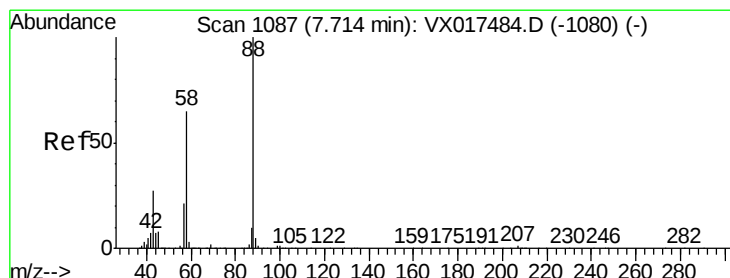
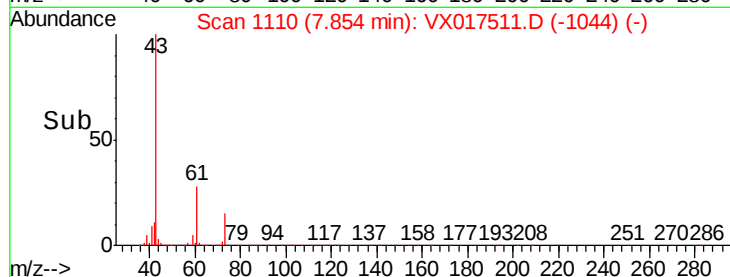
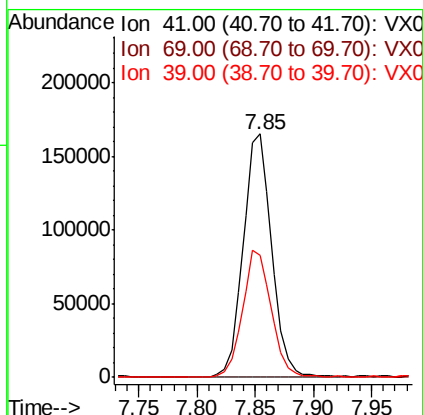
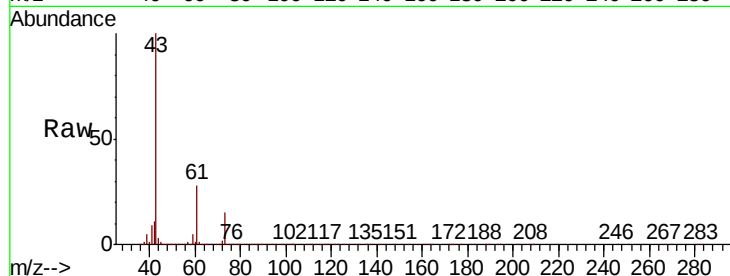




#48
Methvl methacrylate
Concen: 37.749 ug/l
RT: 7.85 min Scan# 1110
Delta R.T. 0.10 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

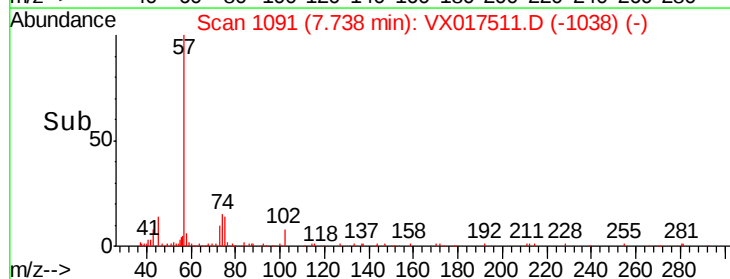
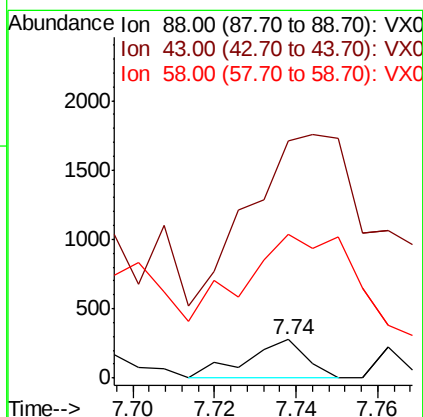
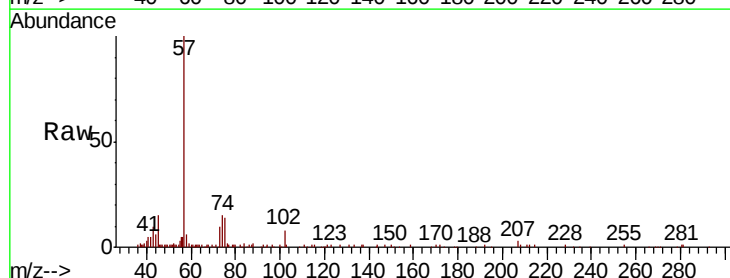
Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#01

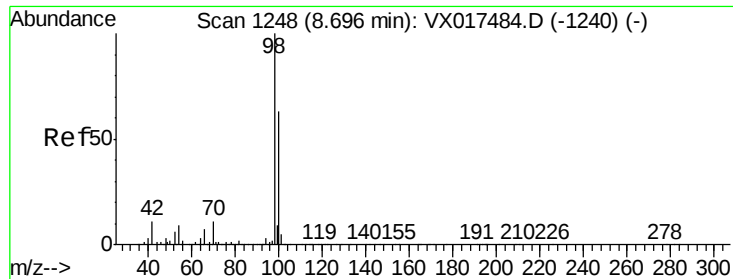
Tot Ion: 41 Resp: 280865
Ion Ratio Lower Upper
41 100
69 0.1 63.1 94.7#
39 52.5 45.1 67.7



#49
1,4-Dioxane
Concen: 1.984 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.02 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

Tgt Ion: 88 Resp: 283
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 877.7 58.3 87.5#





#50

Toluene-d8

Concen: 52.762 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

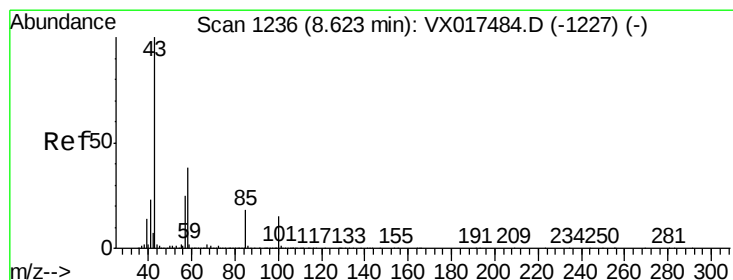
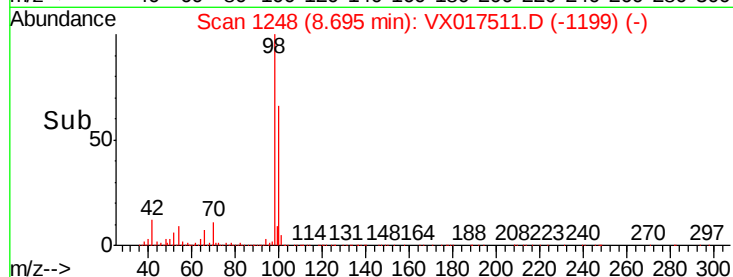
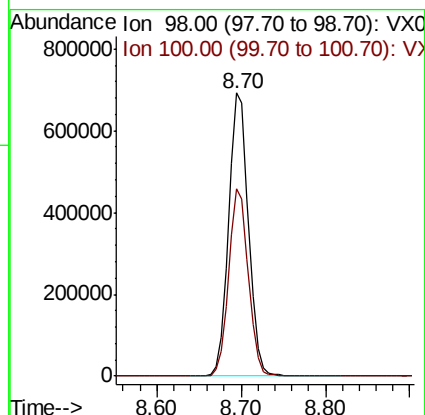
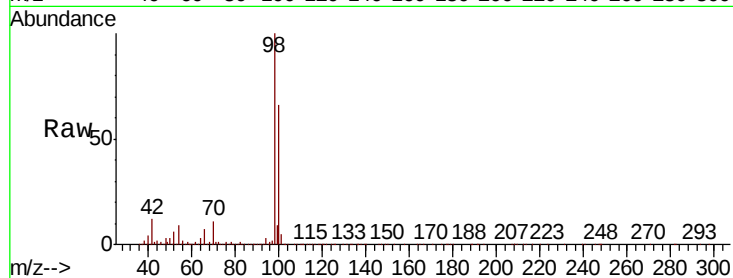
PB130403ZHE#01

Tot Ion: 98 Resp: 1103552

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 18.981 ug/l

RT: 8.59 min Scan# 1231

Delta R.T. -0.03 min

Lab File: VX017511.D

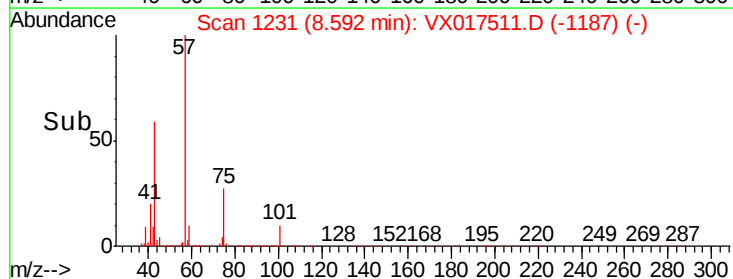
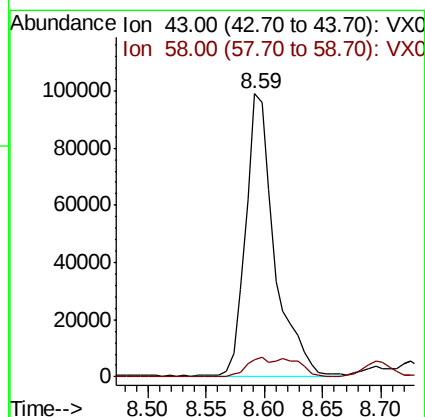
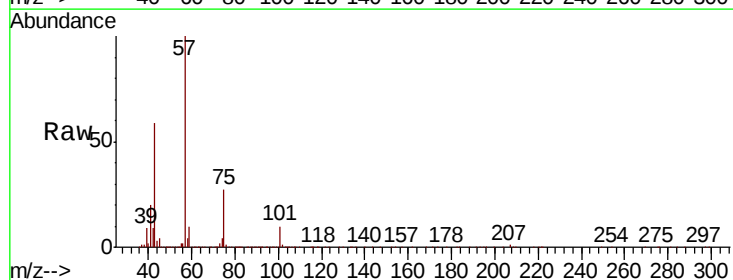
Acq: 23 Jul 2020 23:35

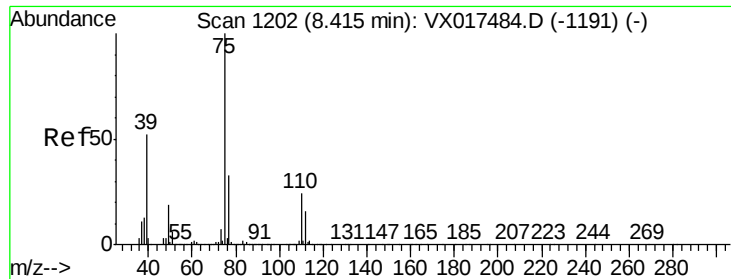
Tgt Ion: 43 Resp: 169987

Ion Ratio Lower Upper

43 100

58 6.5 31.0 46.4#





#54

cis-1,3-Dichloropropene

Concen: 6.785 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. 0.18 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

PB130403ZHE#01

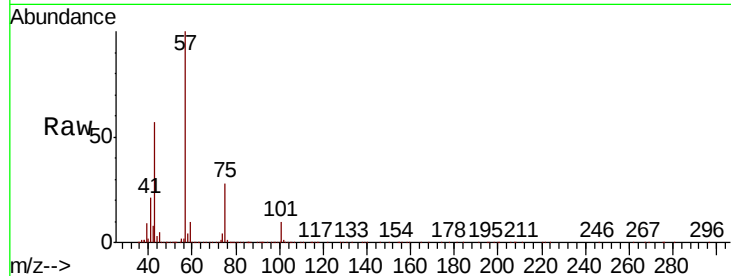
Tot Ion: 75 Resp: 72796

Ion Ratio Lower Upper

75 100

77 0.1 25.5 38.3#

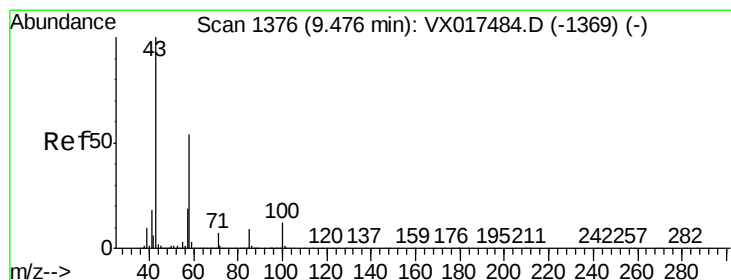
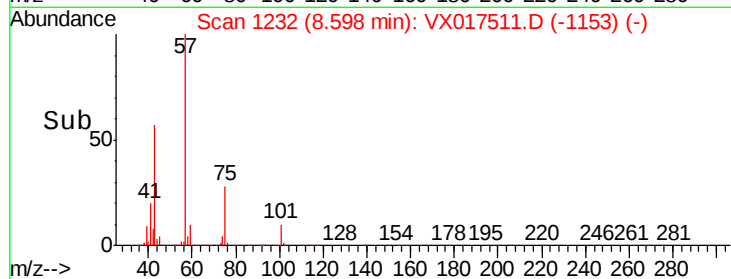
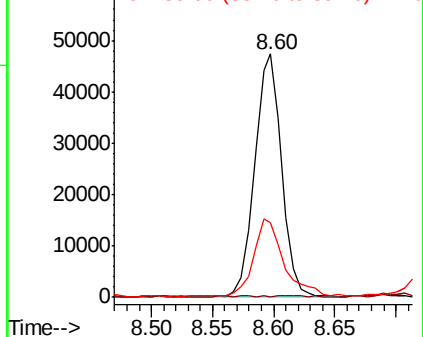
39 30.0 41.8 62.8#



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: 27.090 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.05 min

Lab File: VX017511.D

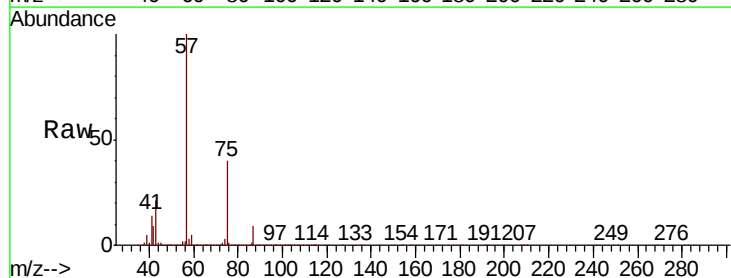
Acq: 23 Jul 2020 23:35

Tgt Ion: 43 Resp: 182658

Ion Ratio Lower Upper

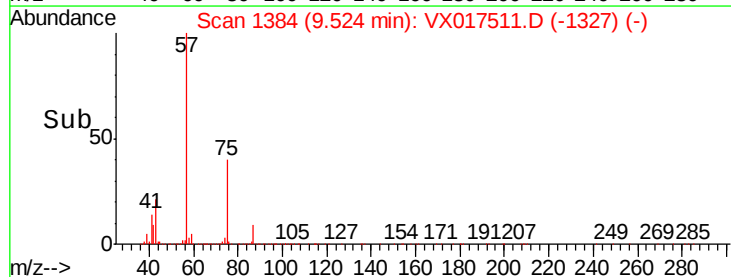
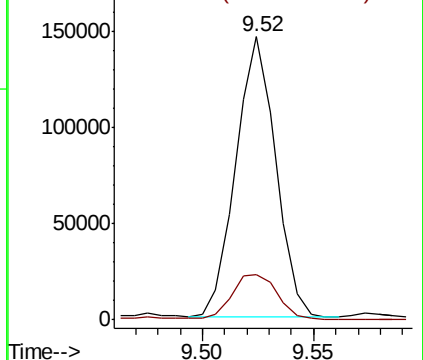
43 100

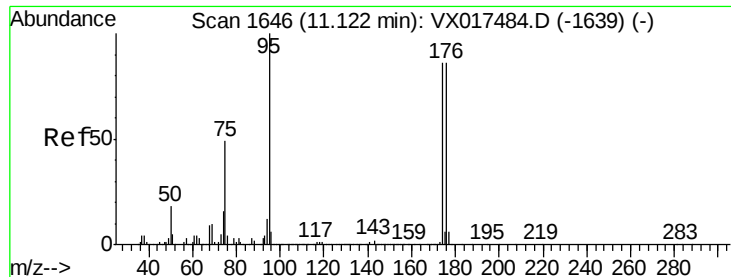
58 18.2 26.6 79.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

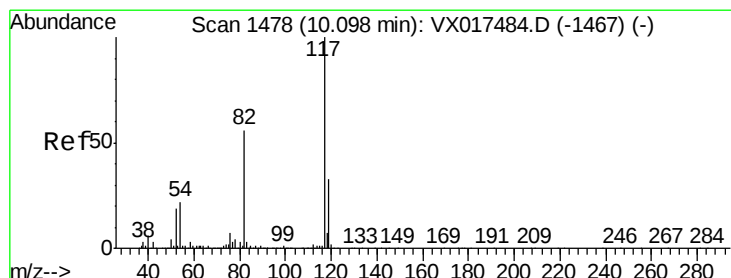
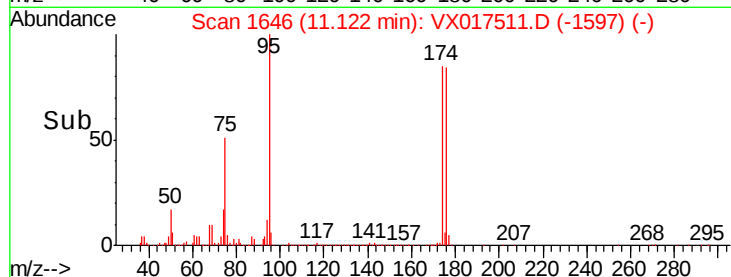
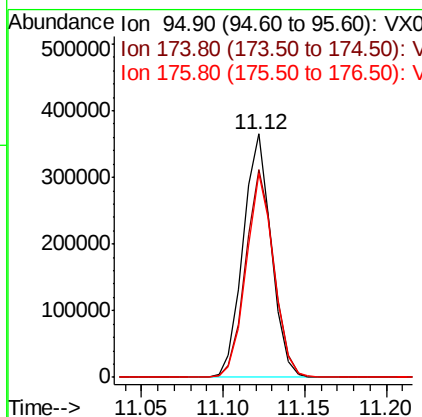
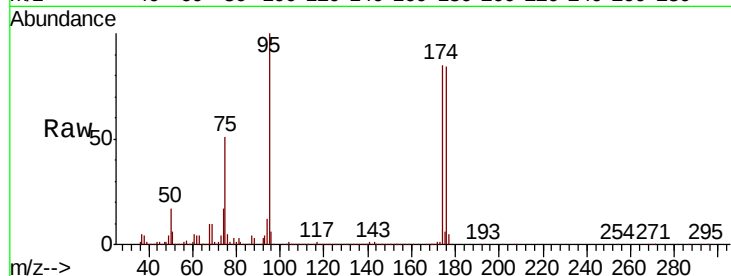




#62
4-Bromofluorobenzene
Concen: 52.559 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

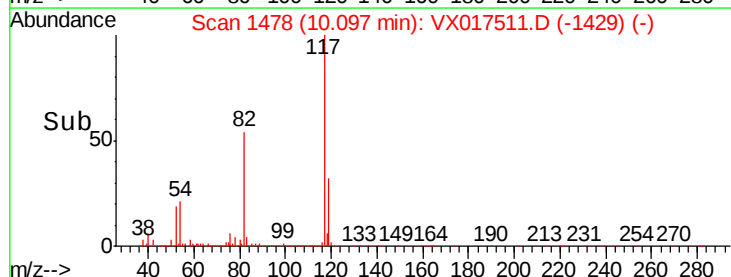
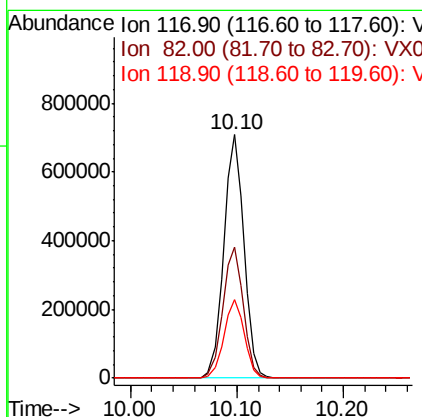
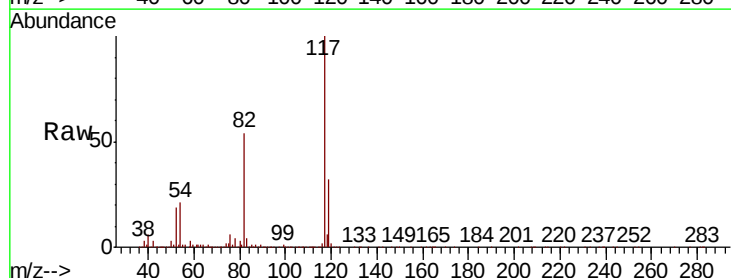
Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#01

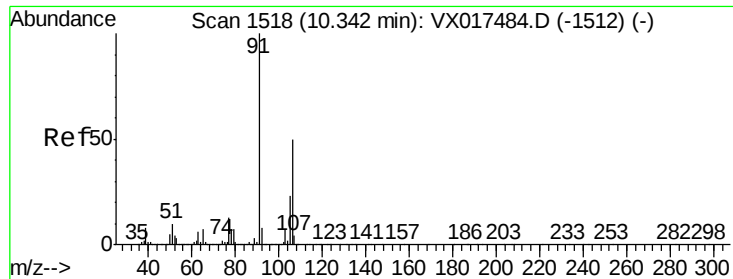
Tot Ion: 95 Resp: 439948
Ion Ratio Lower Upper
95 100
174 85.7 0.0 169.0
176 82.4 0.0 161.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

Tgt Ion: 117 Resp: 940036
Ion Ratio Lower Upper
117 100
82 53.9 44.0 66.0
119 32.1 25.4 38.0





#68

m/p-Xvlenes

Concen: 0.218 ug/l

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

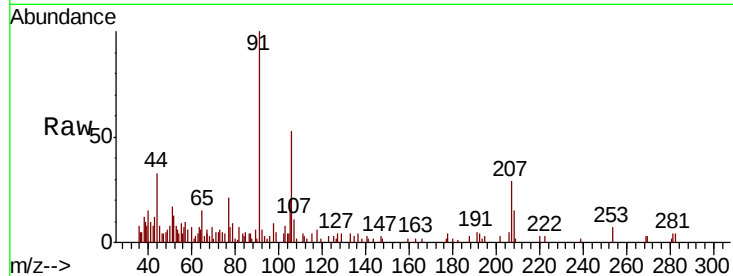
PB130403ZHE#01

Tot Ion:106 Resp: 2873

Ion Ratio Lower Upper

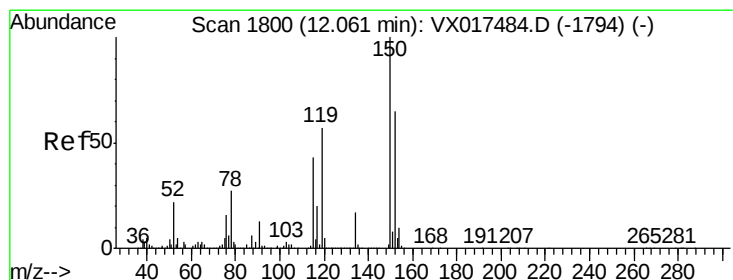
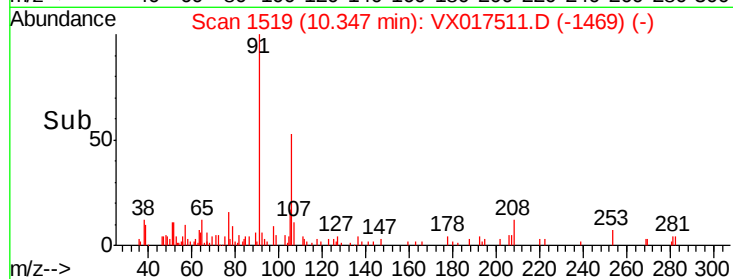
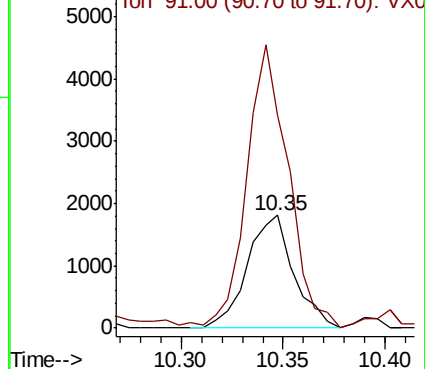
106 100

91 224.8 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

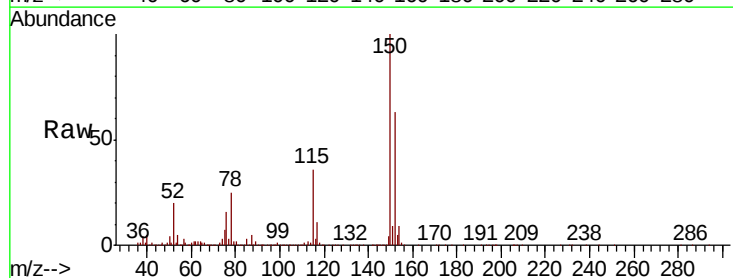
Tgt Ion:152 Resp: 456758

Ion Ratio Lower Upper

152 100

115 57.8 65.5 196.6#

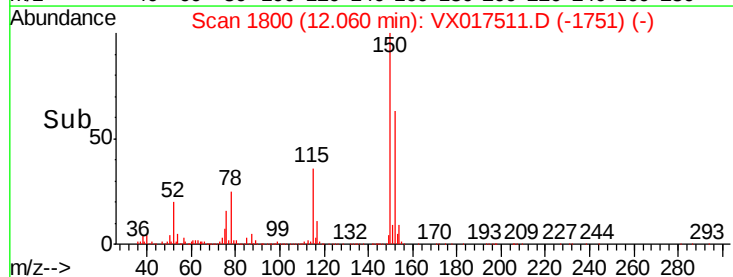
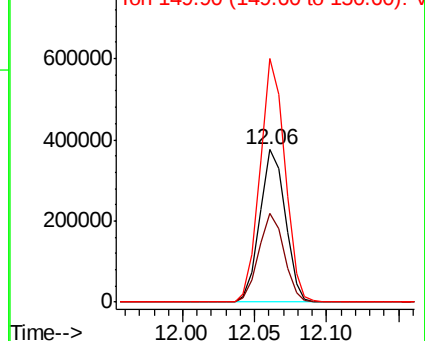
150 155.7 0.0 412.6

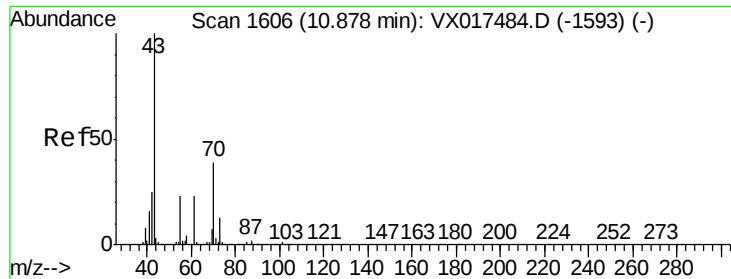


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.572 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

PB130403ZHE#01

Tot Ion: 43 Resp: 7957

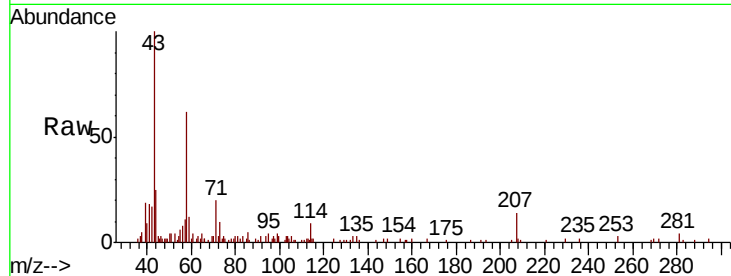
Ion Ratio Lower Upper

43 100

70 1.9 32.3 48.5#

55 9.3 18.4 27.6#

61 0.0 18.6 28.0#

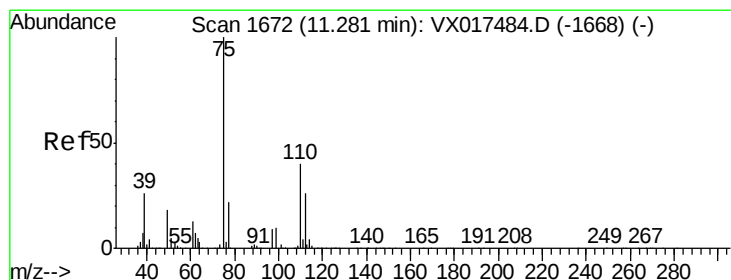
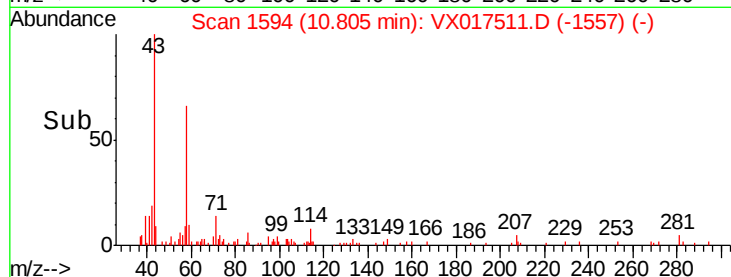
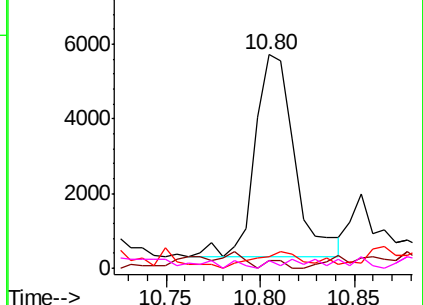


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.215 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017511.D

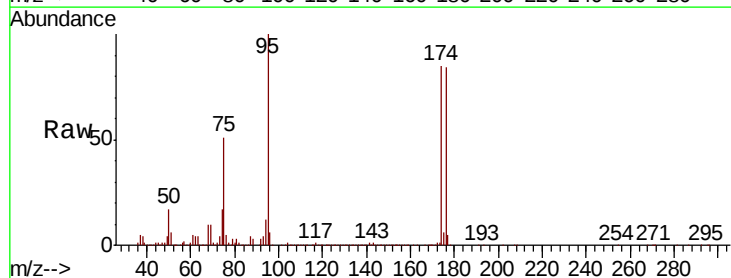
Acq: 23 Jul 2020 23:35

Tgt Ion: 75 Resp: 227514

Ion Ratio Lower Upper

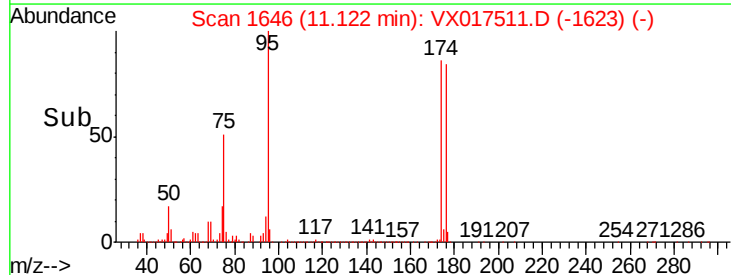
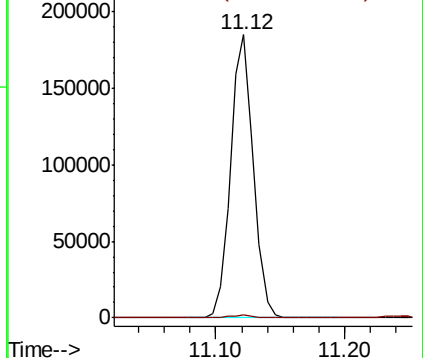
75 100

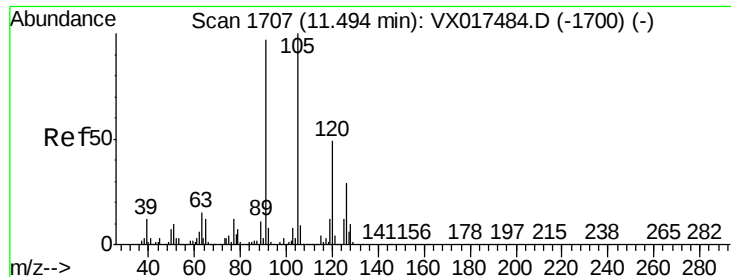
77 1.1 21.8 65.3#



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: 0.311 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

Instrument :

MSVOA_X

ClientSampleId :

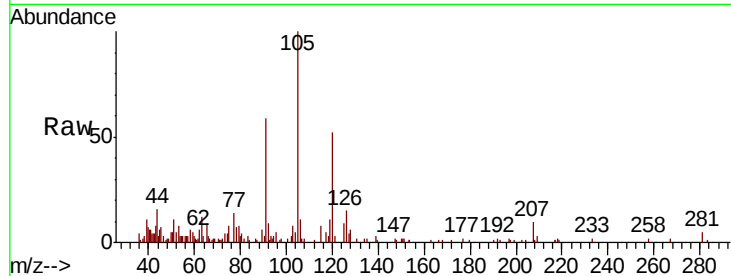
PB130403ZHE#01

Tot Ion:105 Resp: 8331

Ion Ratio Lower Upper

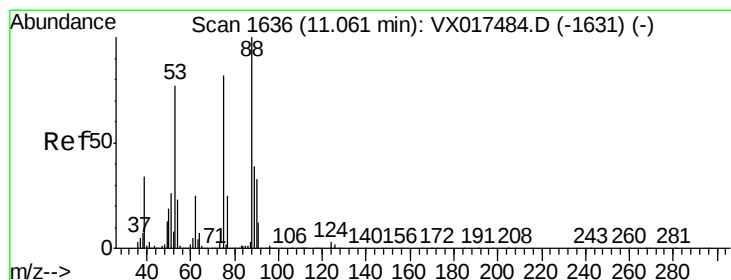
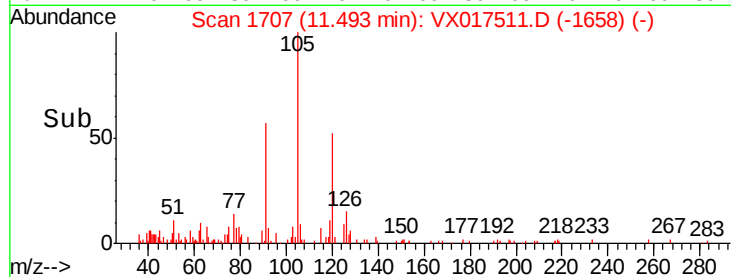
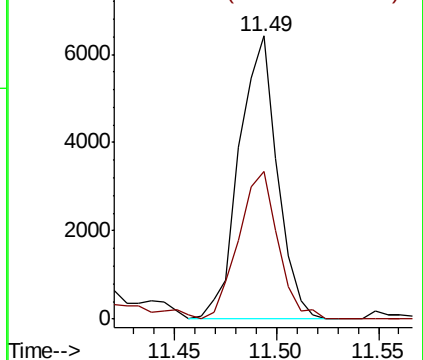
105 100

120 54.1 24.1 72.3



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: 61.016 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017511.D

Acq: 23 Jul 2020 23:35

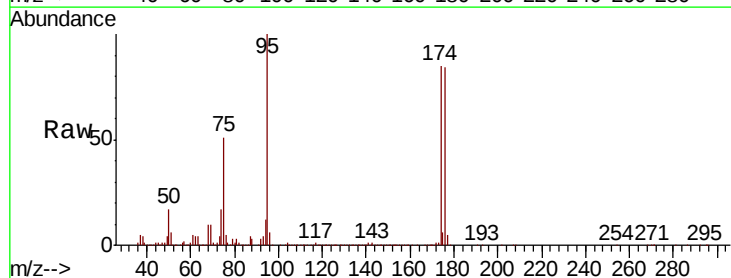
Tgt Ion: 75 Resp: 227514

Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

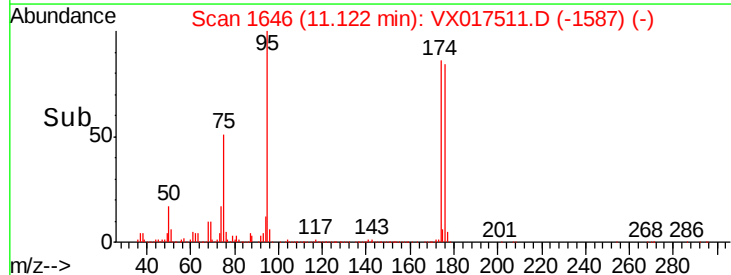
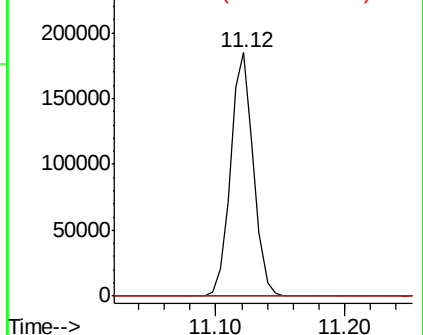
89 0.0 37.8 56.6#

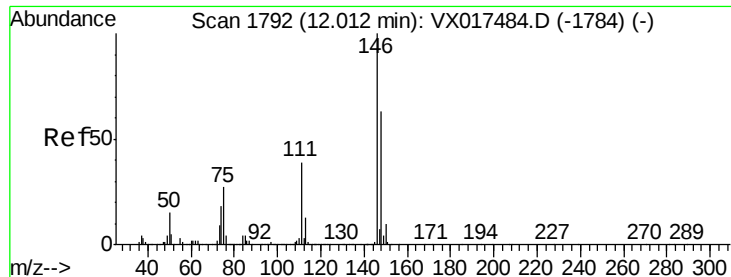


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

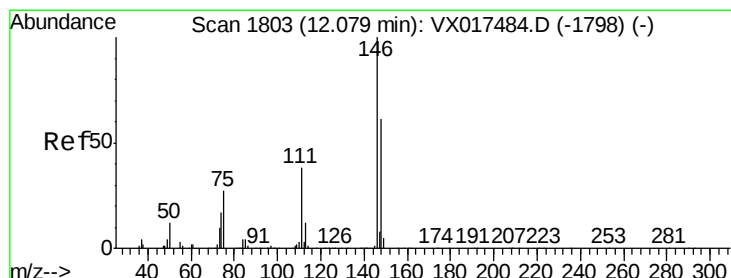
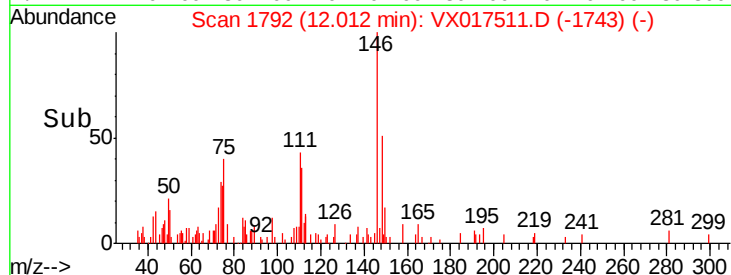
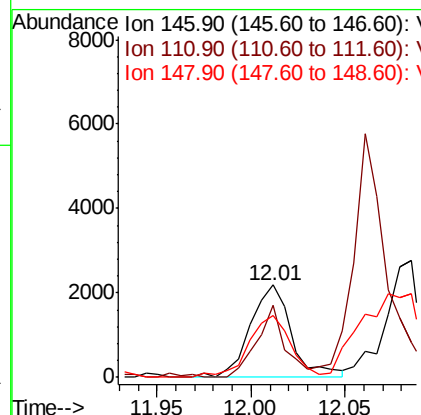
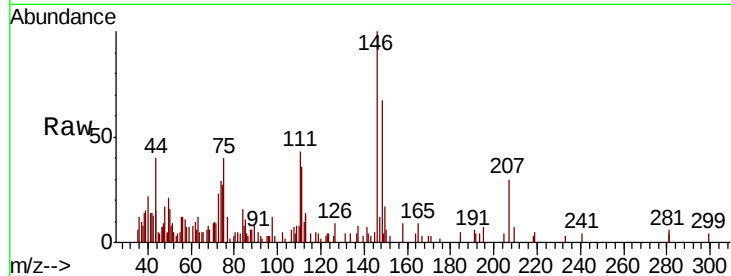




#87
 1,3-Dichlorobenzene
 Concen: 0.222 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

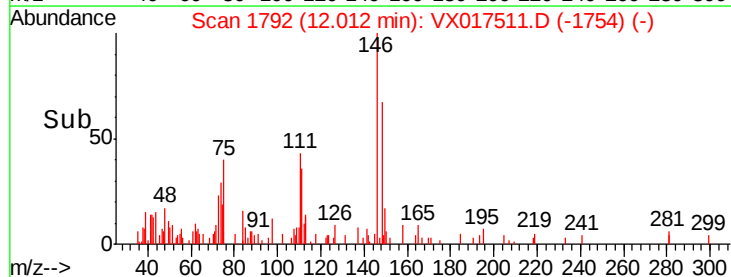
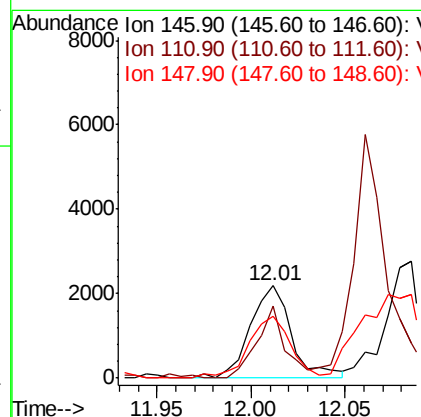
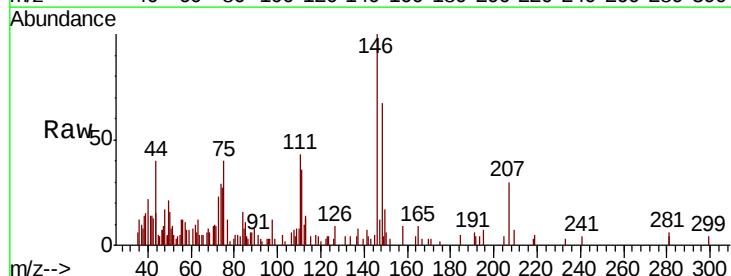
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130403ZHE#01

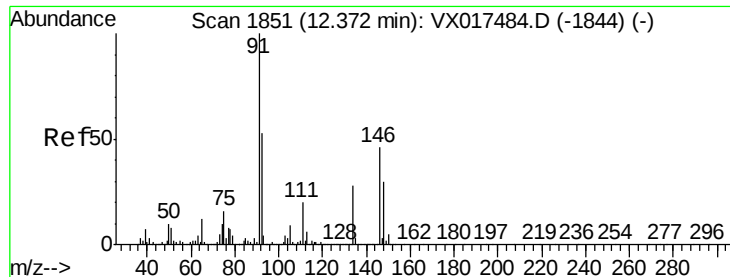
Tot Ion	Ratio	Lower	Upper
146	100		
111	52.9	19.9	59.7
148	67.6	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 0.214 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	52.9	19.3	57.8
148	67.6	32.2	96.6

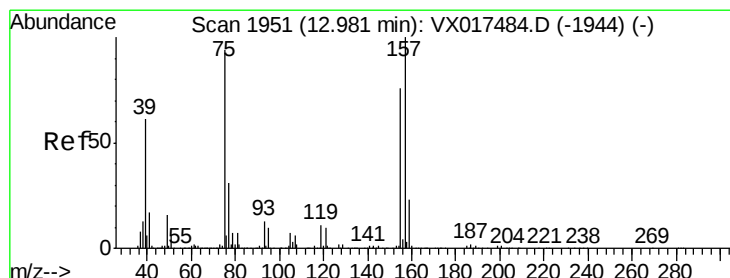
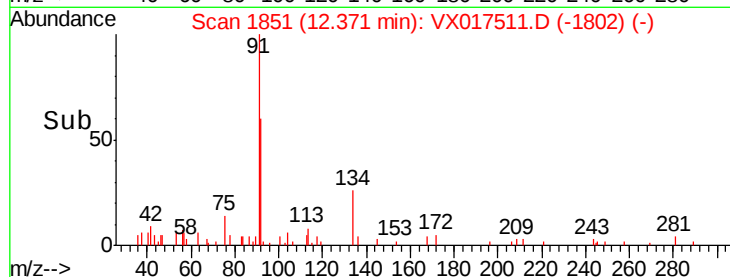
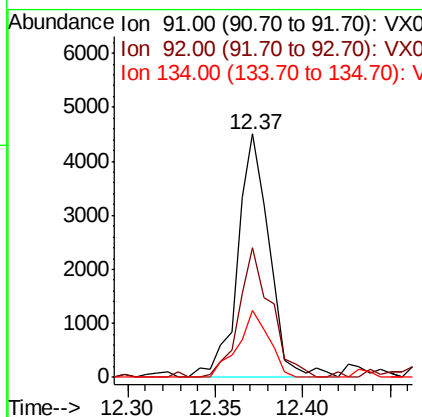
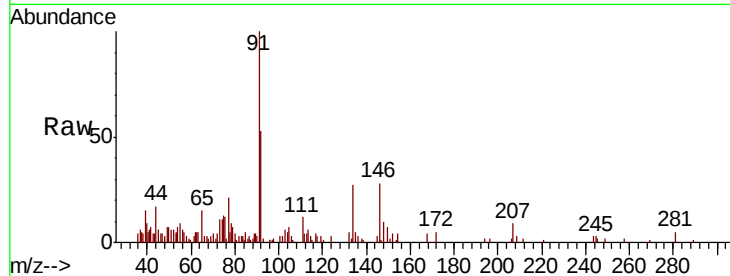




#89
n-Butylbenzene
Concen: 0.223 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

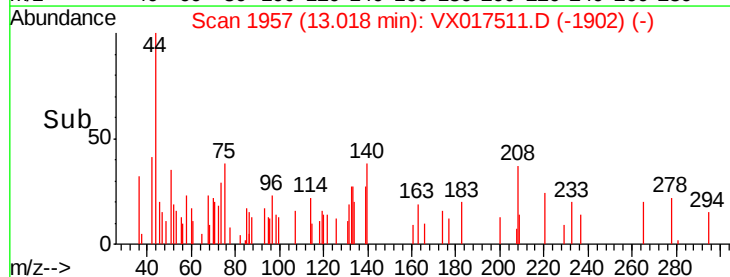
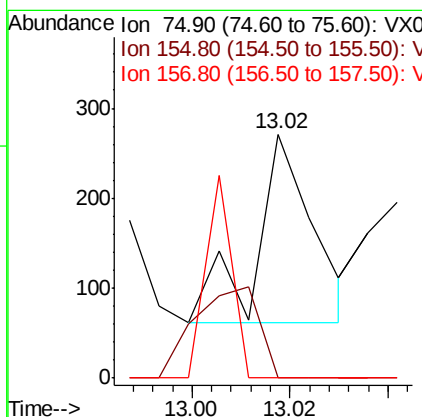
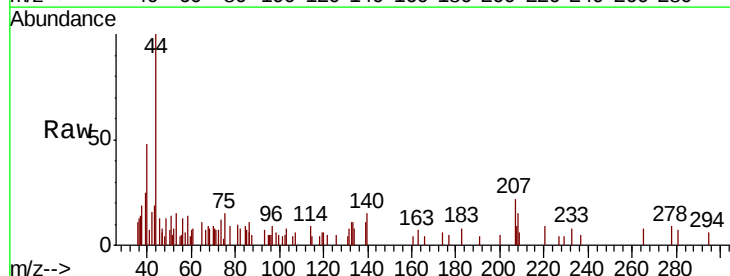
Instrument :
MSVOA_X
ClientSampleId :
PB130403ZHE#01

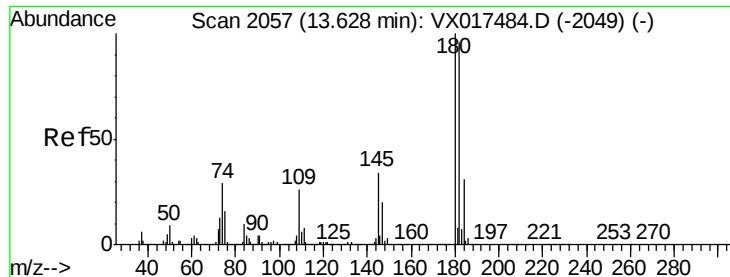
Tot Ion: 91 Resp: 5651
Ion Ratio Lower Upper
91 100
92 53.9 26.7 80.1
134 27.0 13.6 40.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.634 ug/l
RT: 13.02 min Scan# 1957
Delta R.T. 0.04 min
Lab File: VX017511.D
Acq: 23 Jul 2020 23:35

Tgt Ion: 75 Resp: 168
Ion Ratio Lower Upper
75 100
155 55.4 42.3 126.8
157 49.4 54.3 162.9#

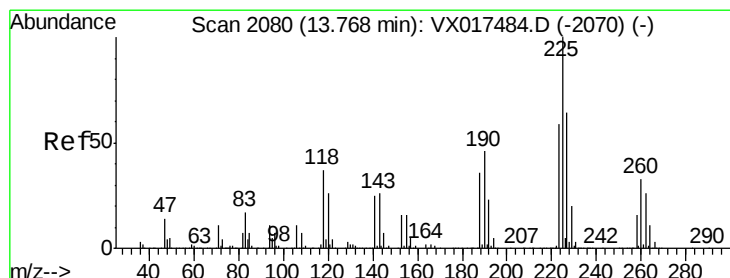
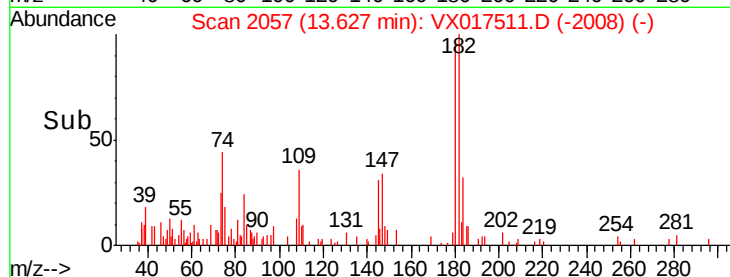
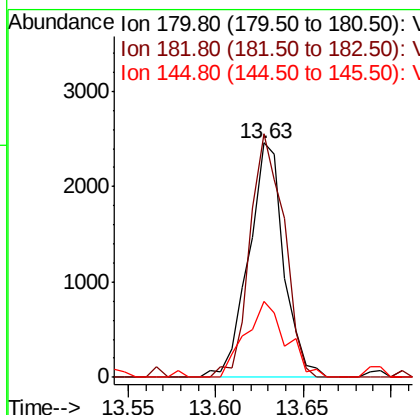
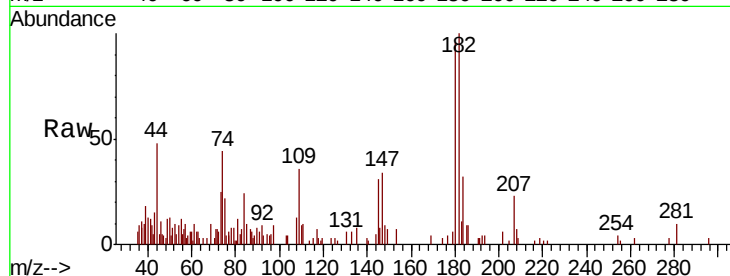




#93
 1,2,4-Trichlorobenzene
 Concen: 0.340 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

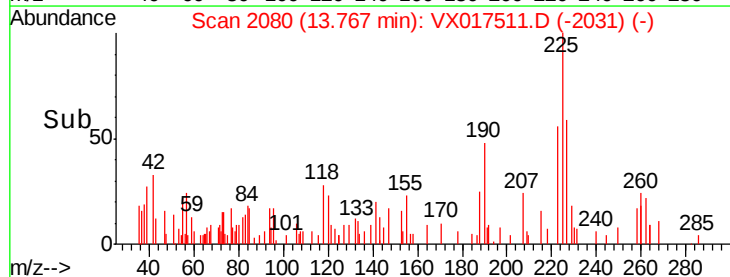
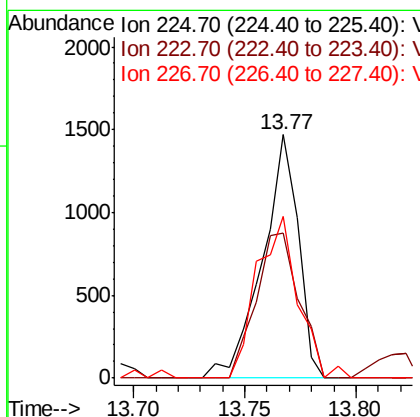
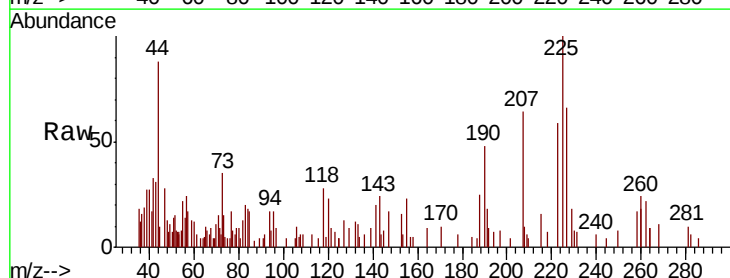
Instrument :
 MSVOA_X
 ClientSampleId :
 PB130403ZHE#01

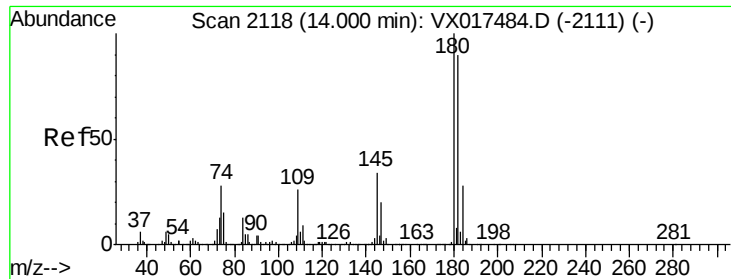
Tot Ion	Ratio	Lower	Upper
180	100		
182	100.4	47.5	142.6
145	37.6	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 0.352 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	72.2	30.3	90.9
227	76.9	31.1	93.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.256 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX017511.D
 Acq: 23 Jul 2020 23:35

Instrument :
 MSVOA_X
 ClientSampleId :
 PB130403ZHE#01

Tot Ion	Ratio	Lower	Upper
180	100		
182	116.8	47.4	142.3
145	43.8	16.3	48.9

