

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072820\
 Data File : VX017653.D
 Acq On : 28 Jul 2020 15:09
 Operator : JC/SP
 Sample : L3413-08 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 02:27:41 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	5.64	168	532793	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	883426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	927293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	531337	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	359941	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
35) Dibromofluoromethane	5.47	113	299880	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	8.70	98	1100846	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.12	95	504206	59.11	ug/l	0.00
Spiked Amount			Recovery	=	118.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	294	Below Cal	#	52
3) Chloromethane	1.31	50	1665	0.618	ug/l #	79
5) Bromomethane	1.63	94	775	Below Cal	#	56
6) Chloroethane	1.72	64	516	Below Cal	#	44
8) Diethyl Ether	2.17	74	1526	Below Cal	#	1
11) Tert butyl alcohol	3.01	59	9583	6.644	ug/l	95
13) Acrolein	2.28	56	916	4.967	ug/l #	14
15) Acrylonitrile	3.12	53	1604	0.515	ug/l #	51
16) Acetone	2.42	43	602182	199.910	ug/l	95
18) Methyl Acetate	2.75	43	10065	1.419	ug/l #	75
19) Methyl tert-butyl Ether	3.17	73	53613	2.815	ug/l	98
20) Methylene Chloride	2.84	84	4526	Below Cal	#	83
22) Diisopropyl ether	3.82	45	14259	0.776	ug/l #	87
25) 2-Butanone	4.64	43	144776	33.832	ug/l	100
29) Tetrahydrofuran	5.11	42	2079	0.784	ug/l #	60
31) Cyclohexane	5.54	56	2471	0.293	ug/l	93
36) 1,1-Dichloropropene	5.64	75	38696	4.567	ug/l #	52
37) Ethyl Acetate	4.79	43	1354726	146.132	ug/l	98
38) Carbon Tetrachloride	5.64	117	53428	5.193	ug/l #	20
40) Benzene	6.12	78	1034387	42.583	ug/l	99
42) 1,2-Dichloroethane	6.12	62	10931	1.100	ug/l	79
43) Isopropyl Acetate	6.42	43	3549	0.232	ug/l #	75
49) 1,4-Dioxane	7.71	88	205	1.410	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	4721	0.517	ug/l	90
52) Toluene	8.77	92	1088970	69.902	ug/l	99
59) 2-Hexanone	9.48	43	5697	0.829	ug/l	97
67) Ethyl Benzene	10.24	91	126281	3.769	ug/l	97
68) m/p-Xylenes	10.34	106	183159	14.111	ug/l	94
69) o-Xylene	10.68	106	119427	9.567	ug/l	97
70) Styrene	10.68	104	10356	0.488	ug/l #	1
73) Isopropylbenzene	11.00	105	8290	0.227	ug/l	83
76) 1,2,3-Trichloropropane	11.12	75	253620	23.204	ug/l #	34
78) n-propylbenzene	11.35	91	20560	0.500	ug/l	88
79) 2-Chlorotoluene	11.41	91	18149	0.713	ug/l #	43

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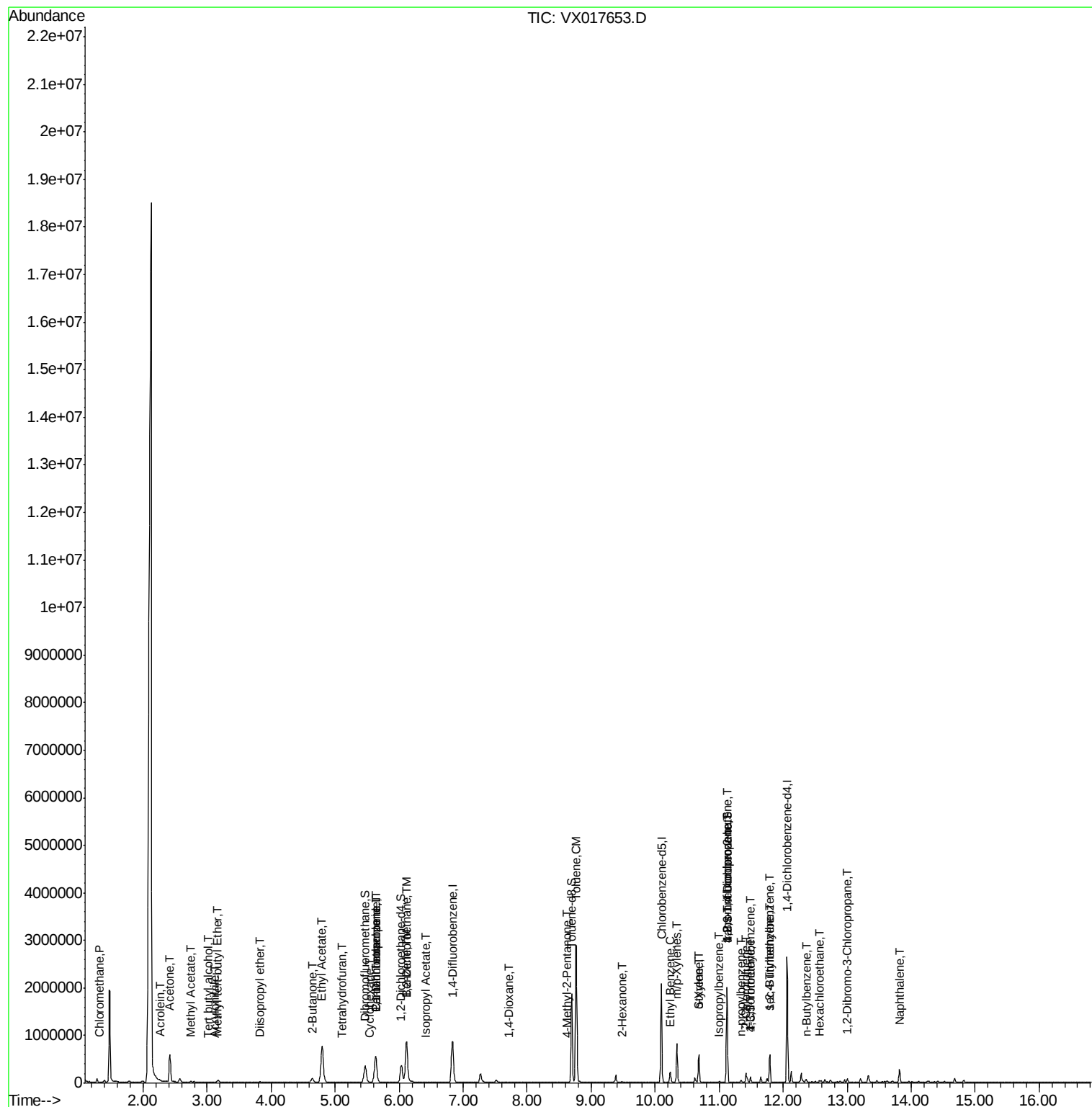
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.49	105	46130	1.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	253620	58.470	ug/l #	11
82) 4-Chlorotoluene	11.49	91	7698	0.256	ug/l #	66
84) 1,2,4-Trimethylbenzene	11.79	105	244998	7.915	ug/l	99
85) sec-Butylbenzene	11.79	105	244998	7.062	ug/l #	56
89) n-Butylbenzene	12.37	91	9687	0.329	ug/l #	42
90) Hexachloroethane	12.57	117	4024	0.618	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.00	75	602	2.754	ug/l #	21
95) Naphthalene	13.82	128	157495	4.488	ug/l	98

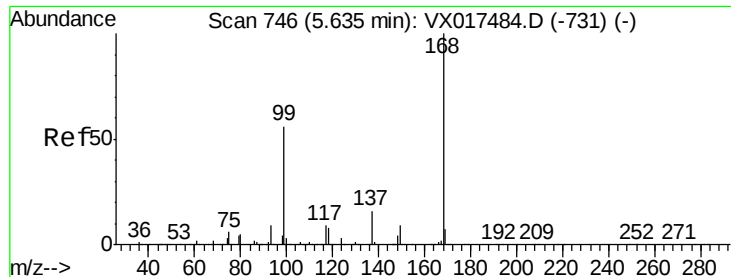
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

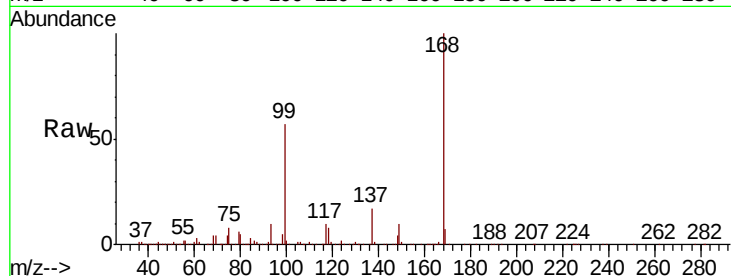
ClientSampleId :

Tot Ion:168 Resp: 532793

Ion Ratio Lower Upper

168 100

99 56.4 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

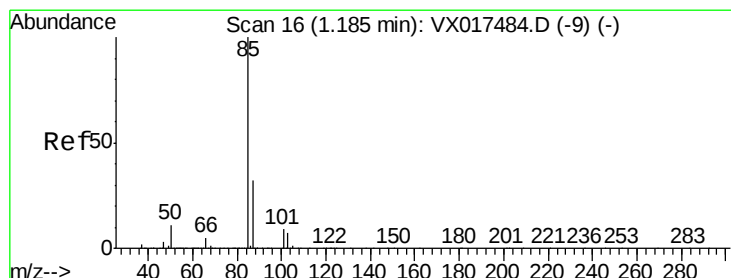
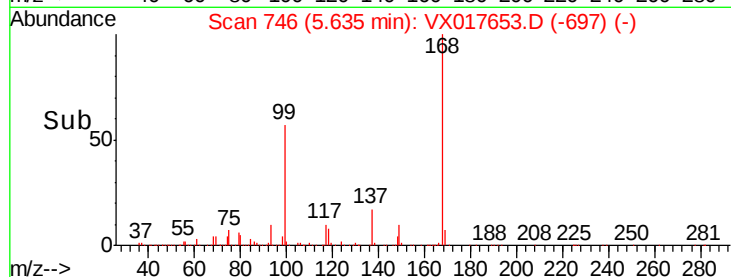
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017653.D

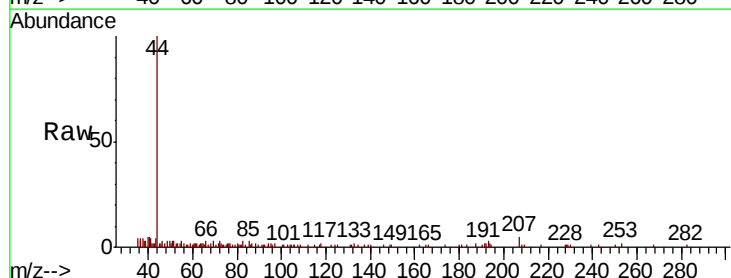
Acq: 28 Jul 2020 15:09

Tgt Ion: 85 Resp: 294

Ion Ratio Lower Upper

85 100

87 59.3 16.1 48.3#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300

250

200

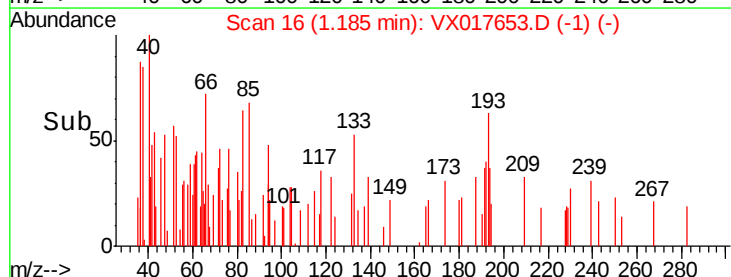
150

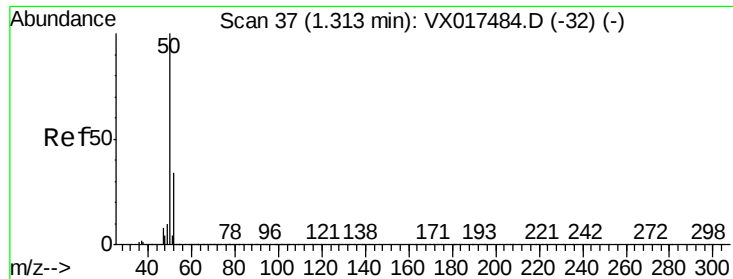
100

50

0

Time-->





#3

Chloromethane

Concen: 0.618 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

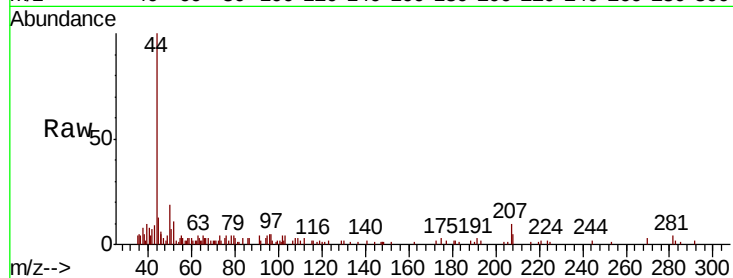
ClientSampled :

Tot Ion: 50 Resp: 1665

Ion Ratio Lower Upper

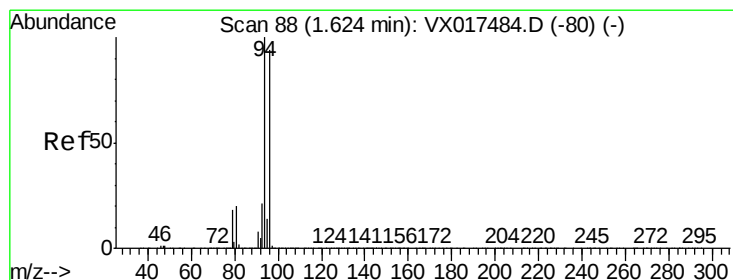
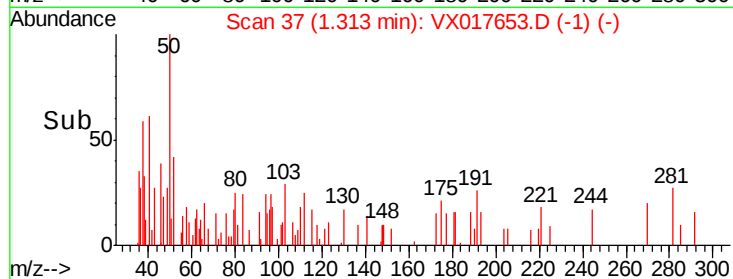
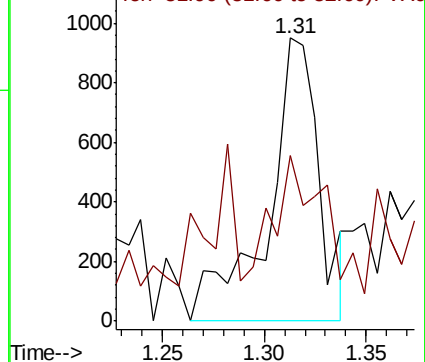
50 100

52 43.9 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: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017653.D

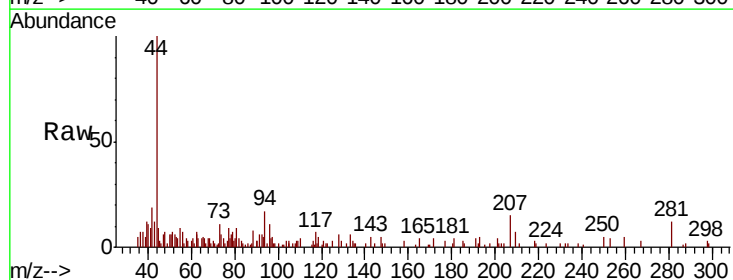
Acq: 28 Jul 2020 15:09

Tgt Ion: 94 Resp: 775

Ion Ratio Lower Upper

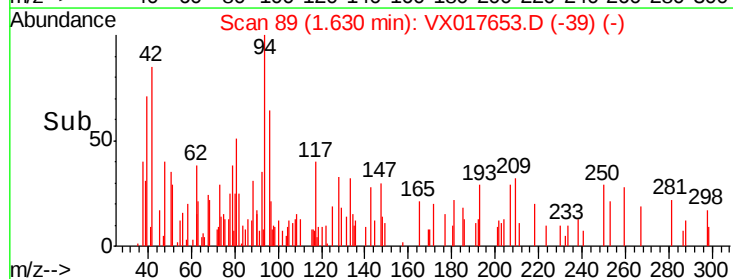
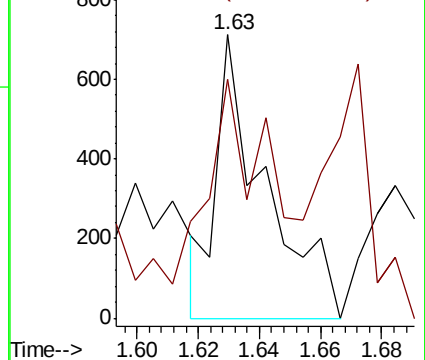
94 100

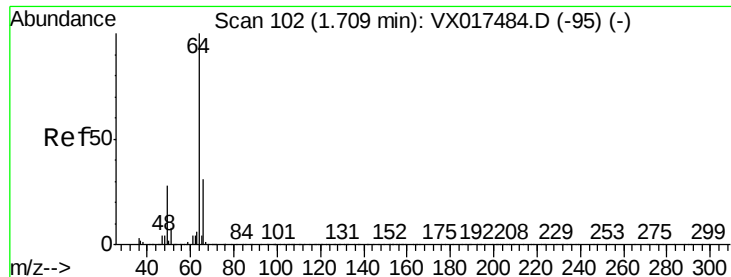
96 50.1 74.1 111.1#



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: 1.72 min Scan# 104

Delta R.T. 0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

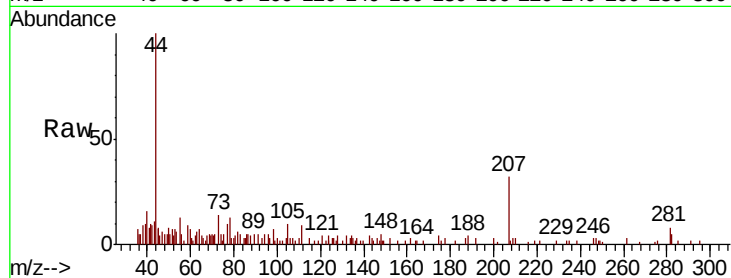
ClientSampled :

Tot Ion: 64 Resp: 516

Ion Ratio Lower Upper

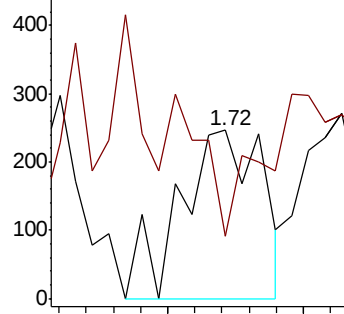
64 100

66 0.0 24.9 37.3#

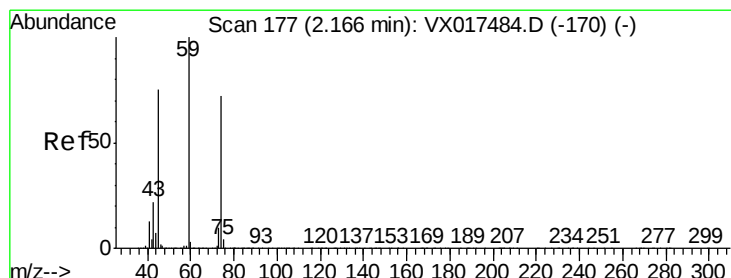
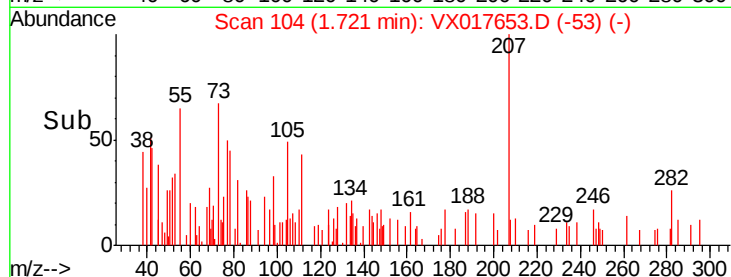


Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017653.D

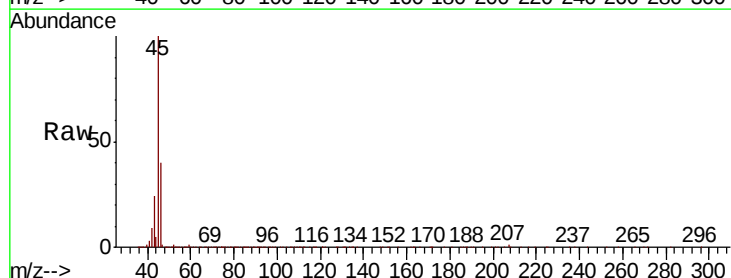
Acq: 28 Jul 2020 15:09

Tgt Ion: 74 Resp: 1526

Ion Ratio Lower Upper

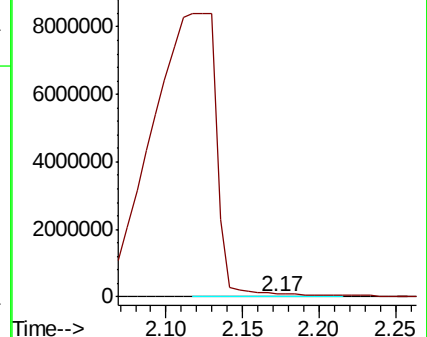
74 100

45 0.0 50.8 152.5#

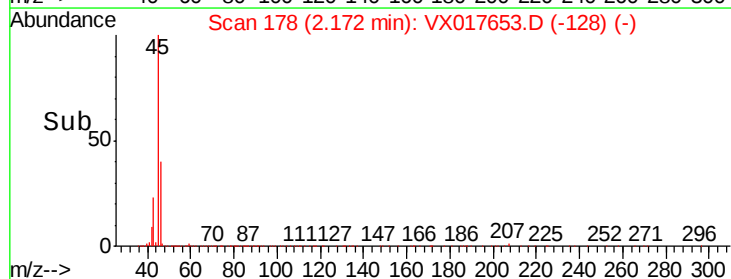


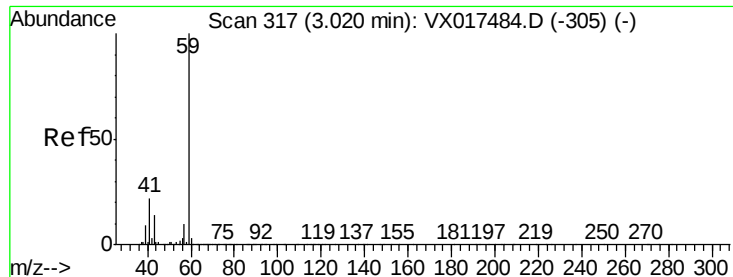
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



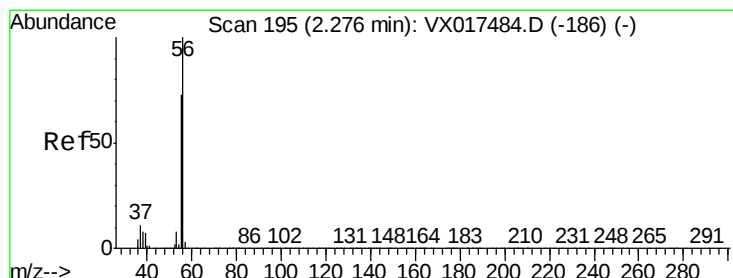
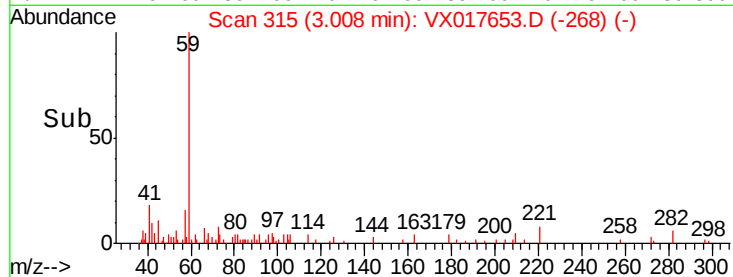
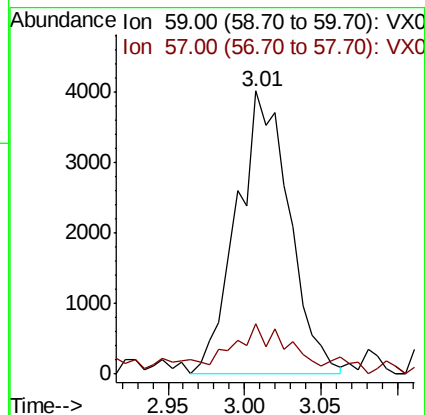
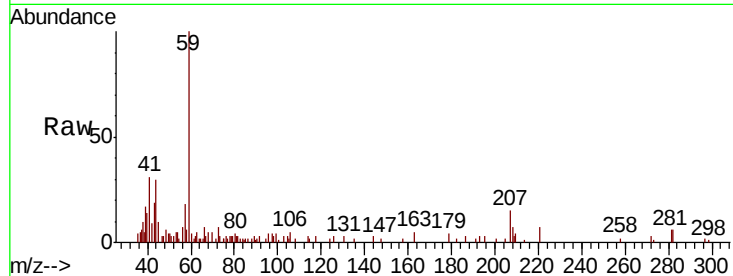


#11

Tert butyl alcohol
 Concen: 6.644 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017653.D
 Acq: 28 Jul 2020 15:09

Instrument :
 MSVOA_X
 ClientSampleId :

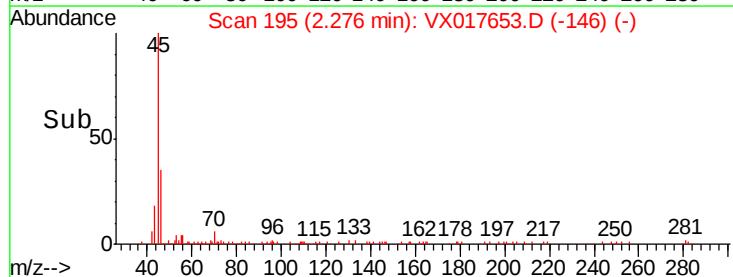
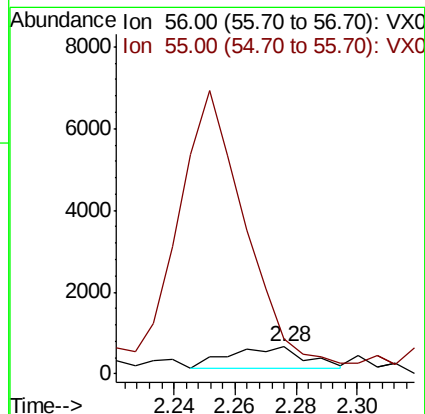
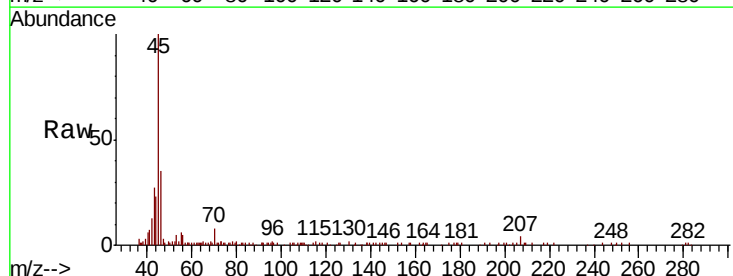
Tot Ion: 59 Resp: 9583
 Ion Ratio Lower Upper
 59 100
 57 12.4 8.6 12.8

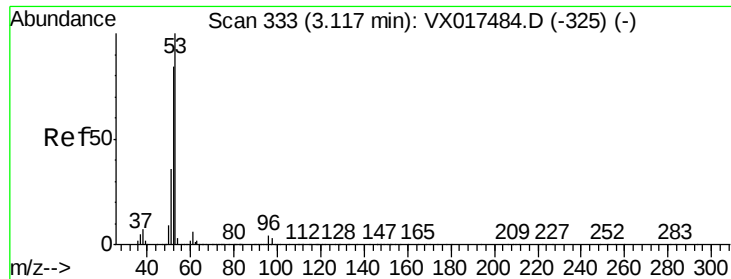


#13

Acrolein
 Concen: 4.967 ug/l
 RT: 2.28 min Scan# 195
 Delta R.T. -0.00 min
 Lab File: VX017653.D
 Acq: 28 Jul 2020 15:09

Tgt Ion: 56 Resp: 916
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.4 86.2#





#15

Acrylonitrile

Concen: 0.515 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

ClientSampled :

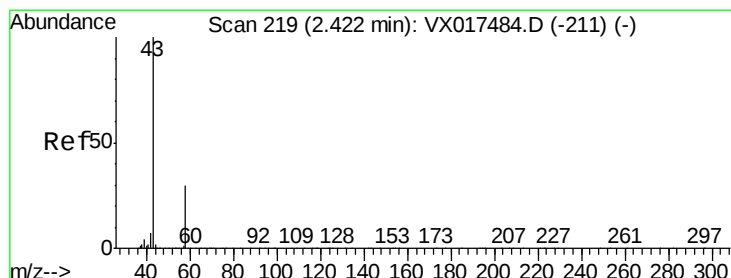
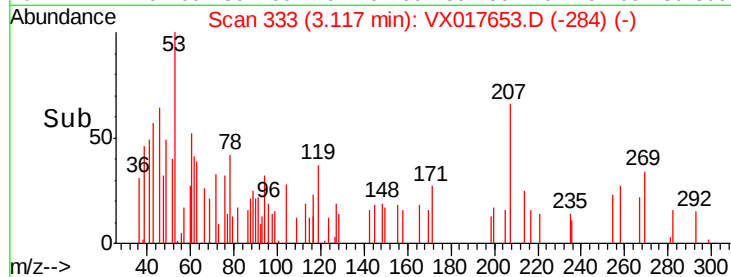
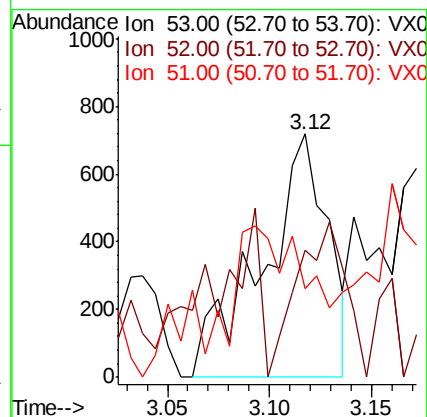
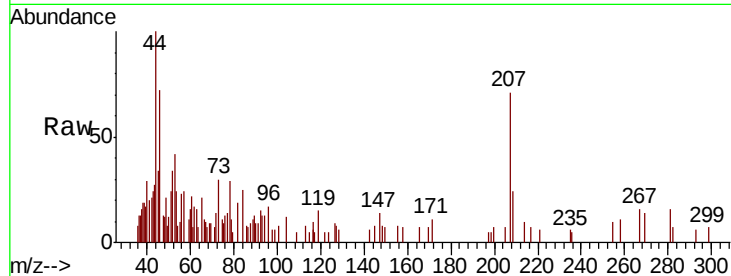
Tot Ion: 53 Resp: 1604

Ion Ratio Lower Upper

53 100

52 44.5 66.6 99.8#

51 0.0 29.4 44.2#



#16

Acetone

Concen: 199.910 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017653.D

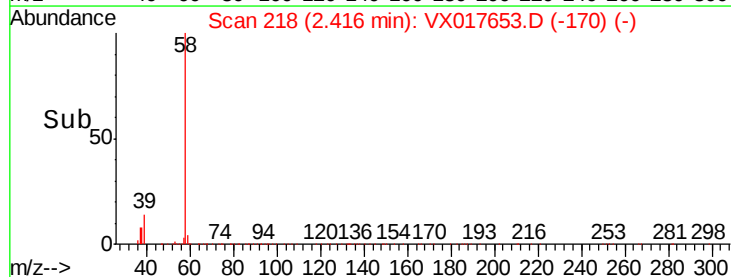
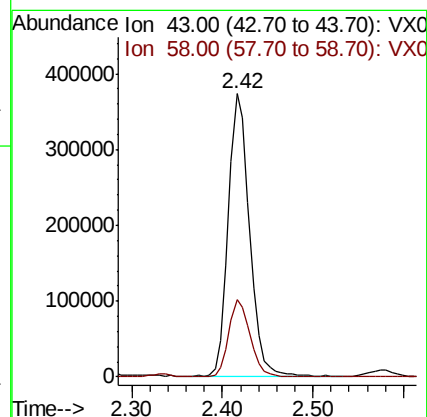
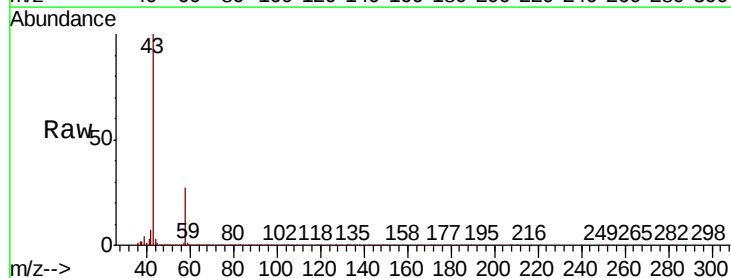
Acq: 28 Jul 2020 15:09

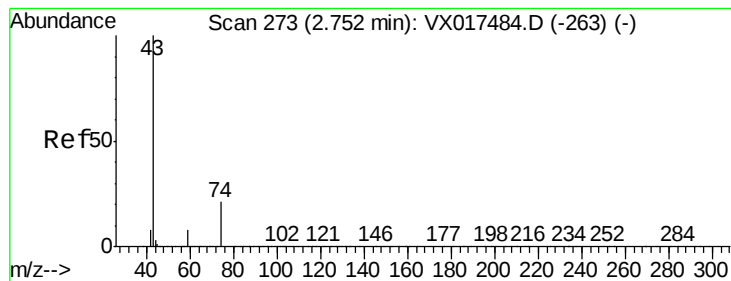
Tgt Ion: 43 Resp: 602182

Ion Ratio Lower Upper

43 100

58 27.3 24.2 36.4





#18

Methyl Acetate

Concen: 1.419 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

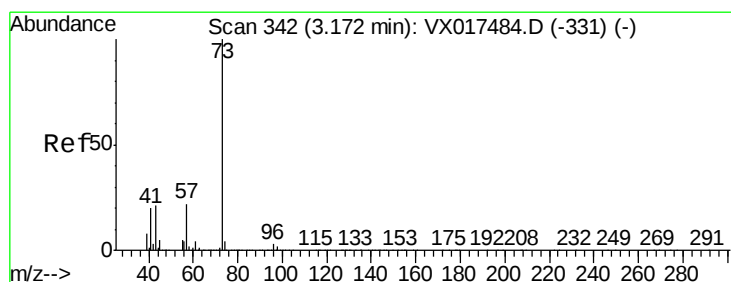
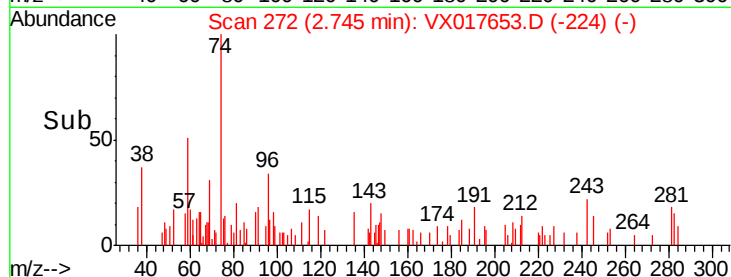
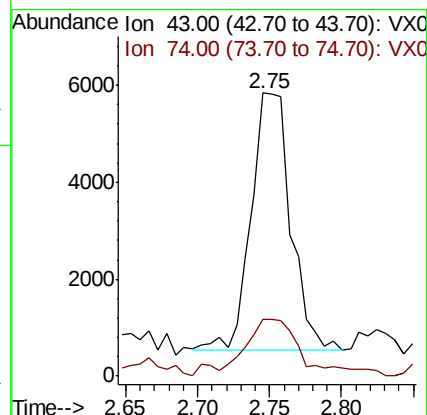
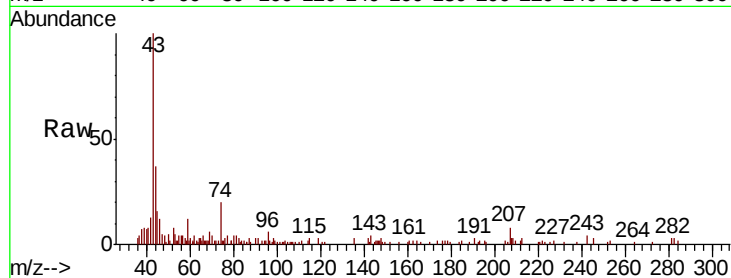
ClientSampleId :

Tot Ion: 43 Resp: 10065

Ion Ratio Lower Upper

43 100

74 33.6 17.5 26.3#



#19

Methyl tert-butyl Ether

Concen: 2.815 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

Lab File: VX017653.D

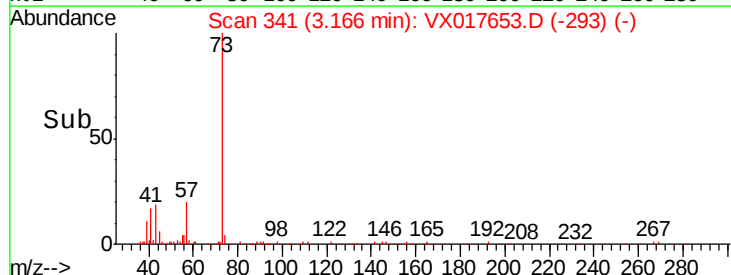
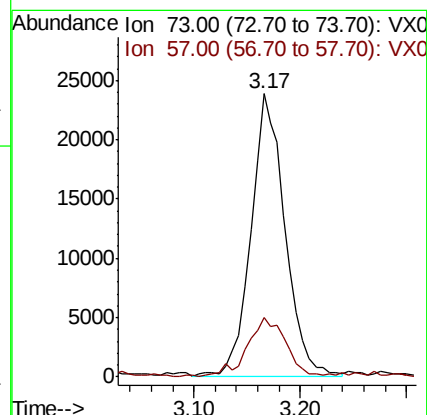
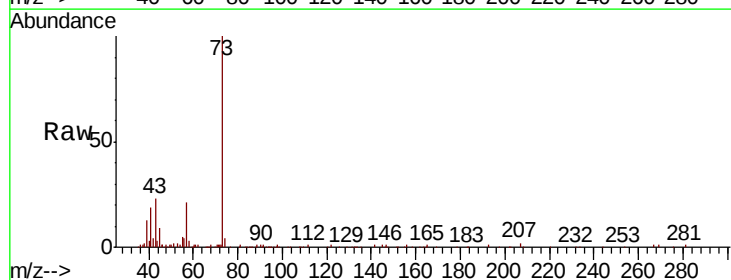
Acq: 28 Jul 2020 15:09

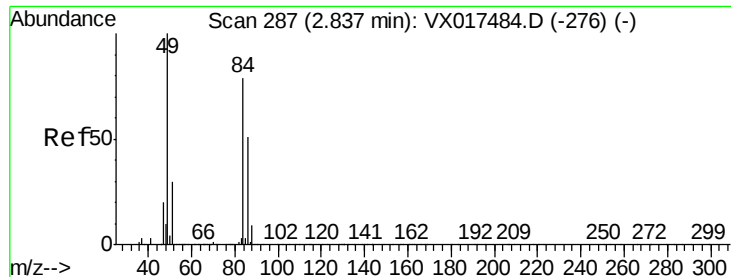
Tgt Ion: 73 Resp: 53613

Ion Ratio Lower Upper

73 100

57 20.4 17.0 25.4

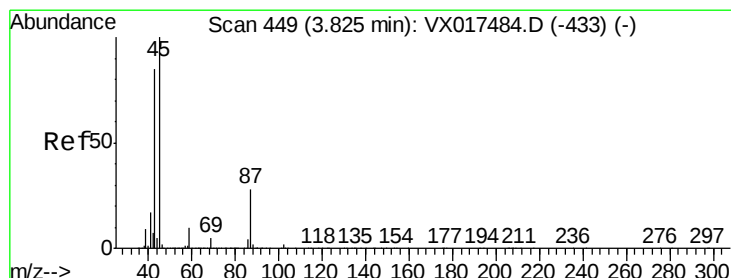
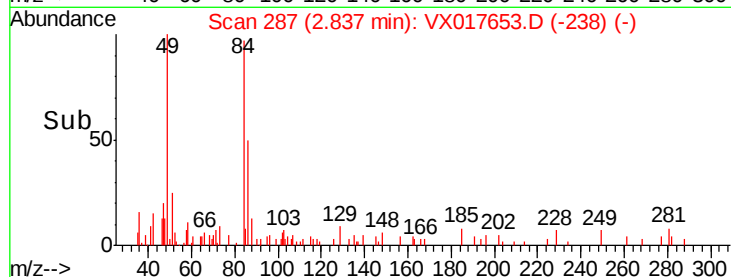
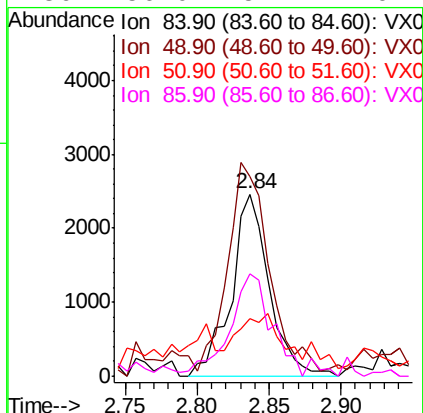
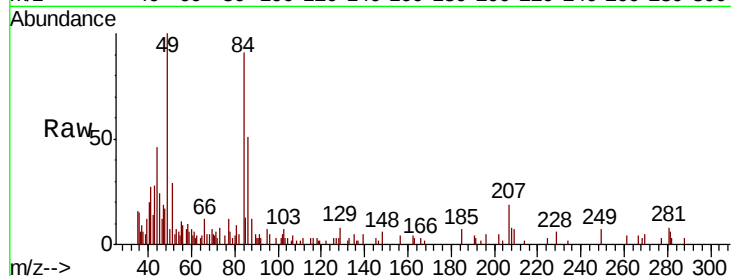




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

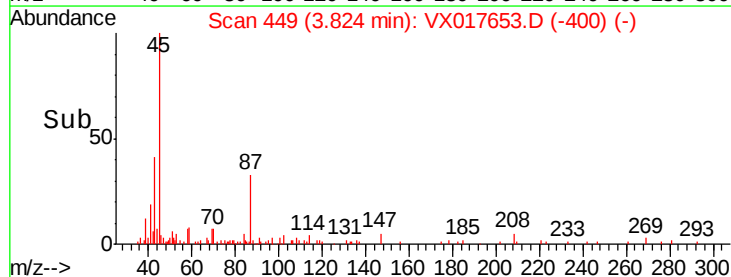
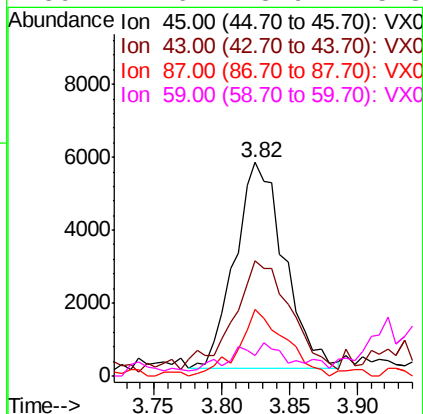
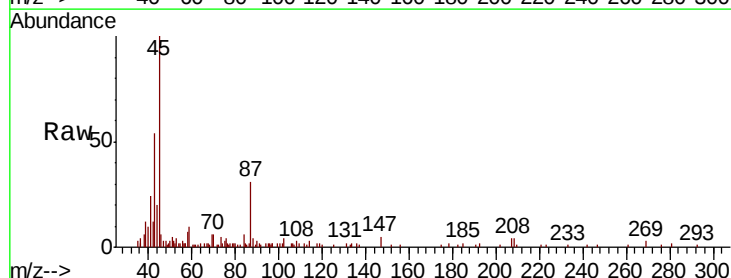
Instrument :
MSVOA_X
ClientSampleId :

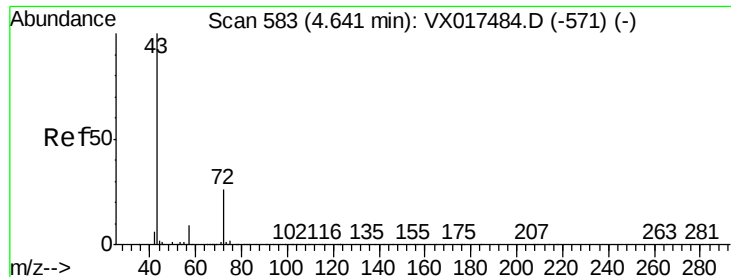
Tot Ion: 84 Resp: 4526
Ion Ratio Lower Upper
84 100
49 102.9 100.3 150.5
51 27.4 30.5 45.7#
86 56.0 51.1 76.7



#22
Diisopropyl ether
Concen: 0.776 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 45 Resp: 14259
Ion Ratio Lower Upper
45 100
43 52.8 52.0 78.0
87 32.5 22.2 33.4
59 7.6 8.9 13.3#





#25

2-Butanone

Concen: 33.832 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

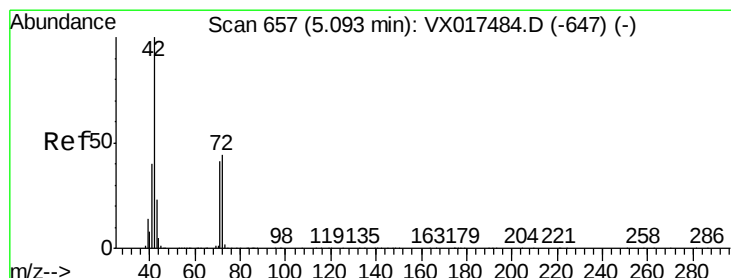
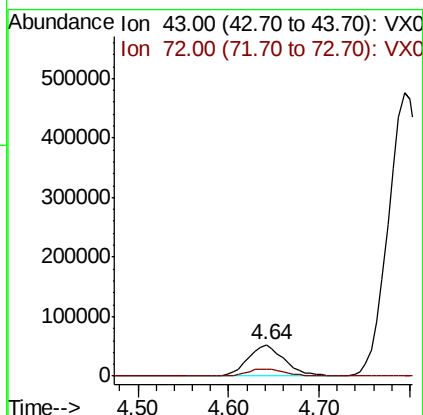
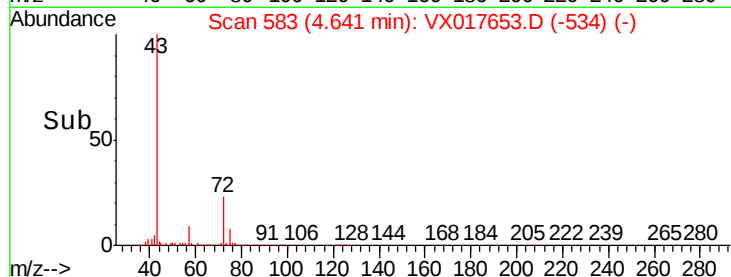
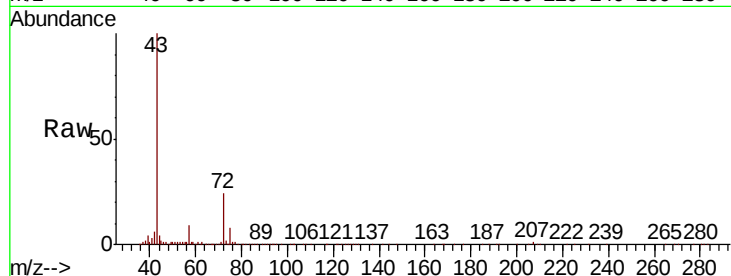
ClientSampleId :

Tot Ion: 43 Resp: 144776

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4



#29

Tetrahydrofuran

Concen: 0.784 ug/l

RT: 5.11 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

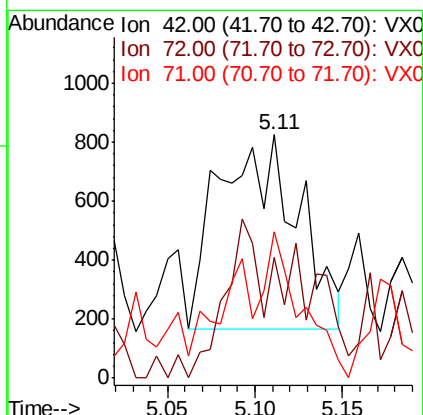
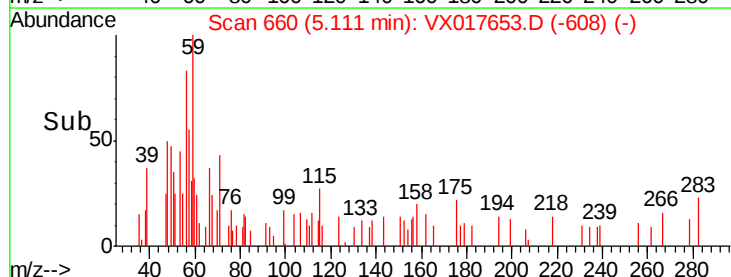
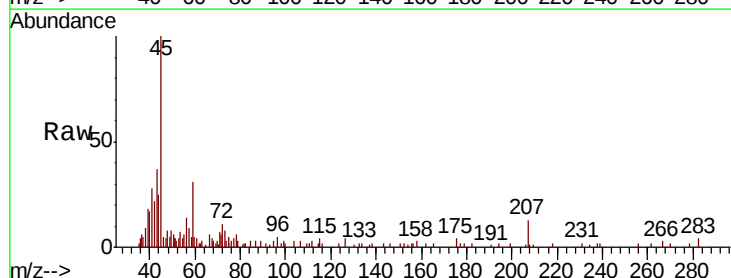
Tgt Ion: 42 Resp: 2079

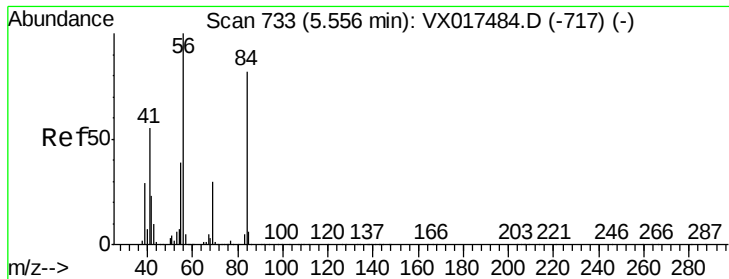
Ion Ratio Lower Upper

42 100

72 0.0 35.5 53.3#

71 35.3 33.0 49.4

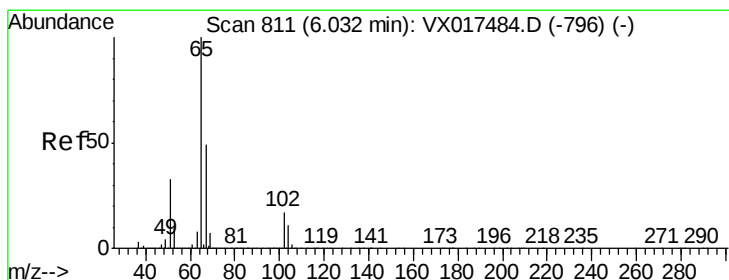
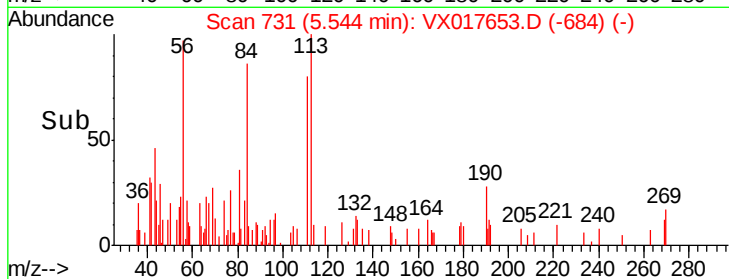
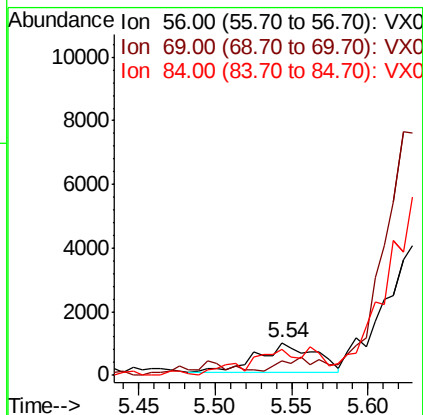
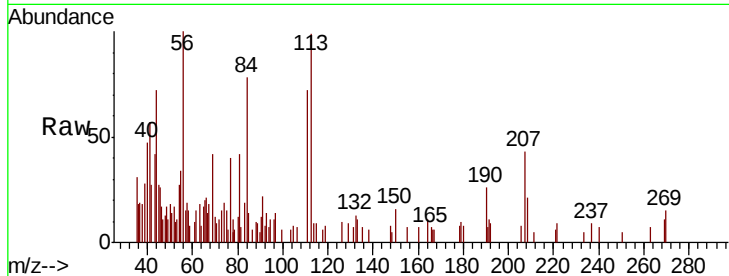




#31
Cyclohexane
Concen: 0.293 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

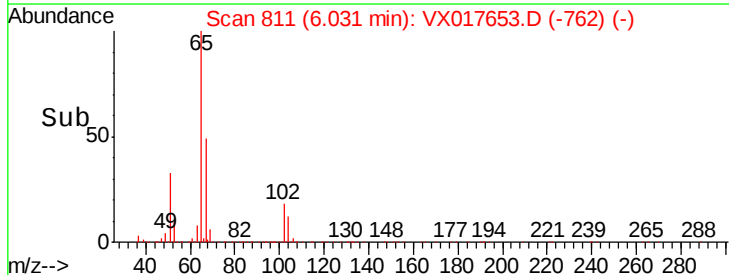
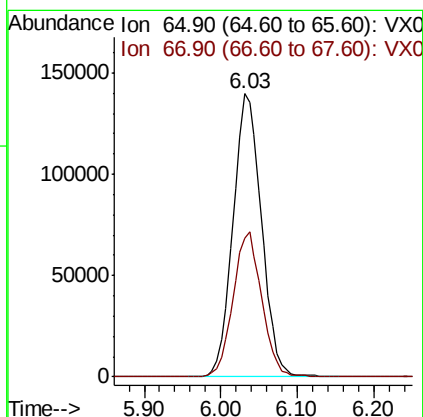
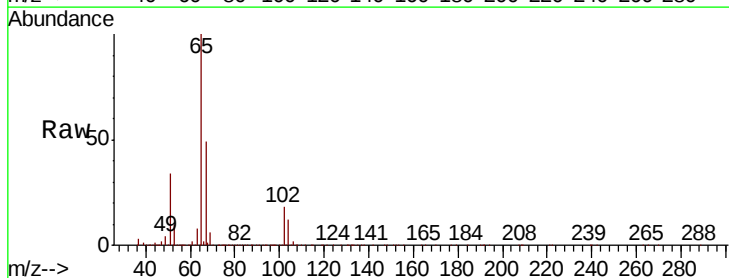
Instrument :
MSVOA_X
ClientSampled :

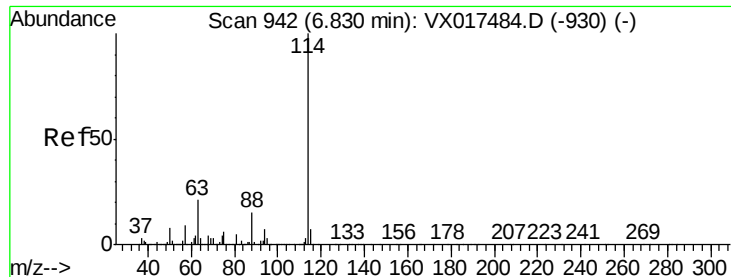
Tot Ion: 56 Resp: 2471
Ion Ratio Lower Upper
56 100
69 31.2 24.2 36.4
84 78.1 69.0 103.6



#33
1,2-Dichloroethane-d4
Concen: 52.593 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 65 Resp: 359941
Ion Ratio Lower Upper
65 100
67 51.6 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: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

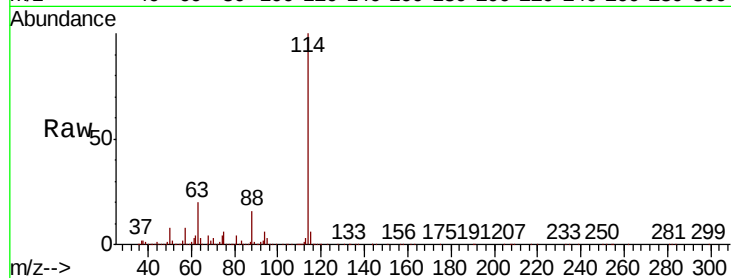
Tot Ion:114 Resp: 883426

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.6

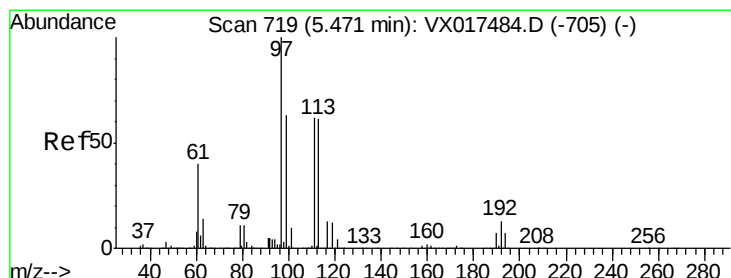
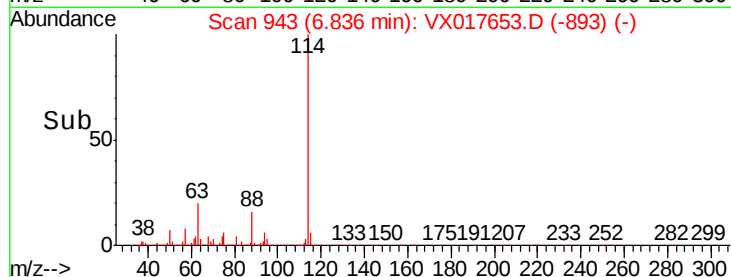
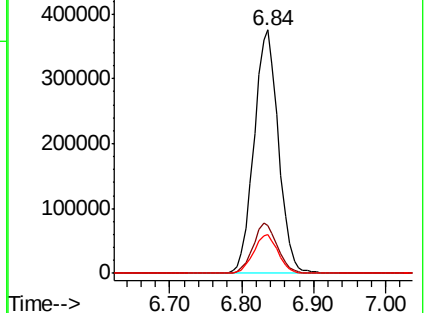
88 15.9 0.0 33.4



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: 50.755 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

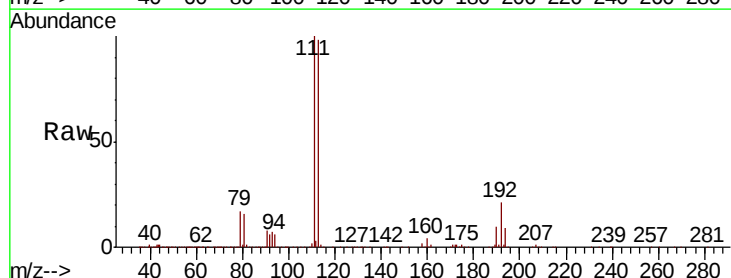
Tgt Ion:113 Resp: 299880

Ion Ratio Lower Upper

113 100

111 100.9 80.7 121.1

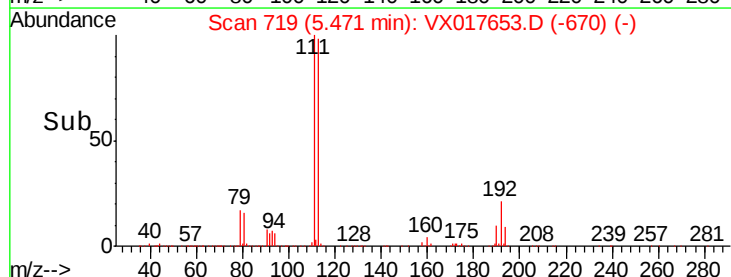
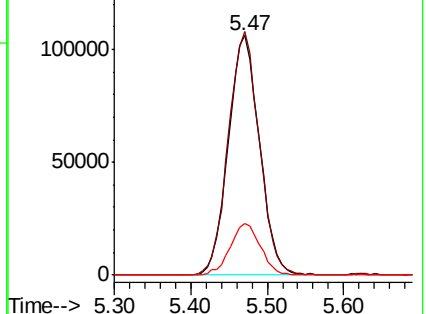
192 21.2 16.9 25.3

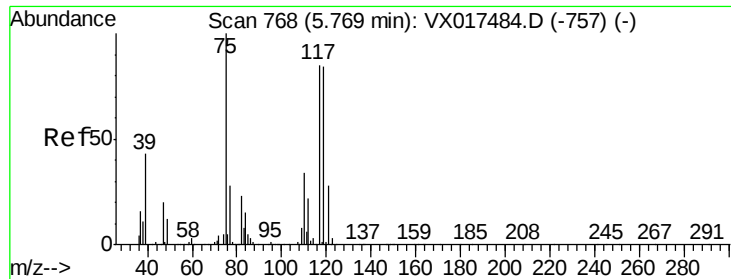


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.567 ug/l

RT: 5.64 min Scan# 746

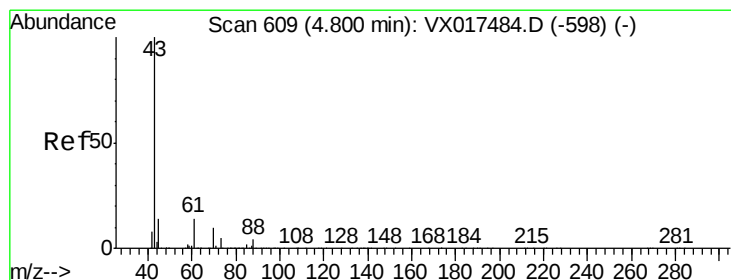
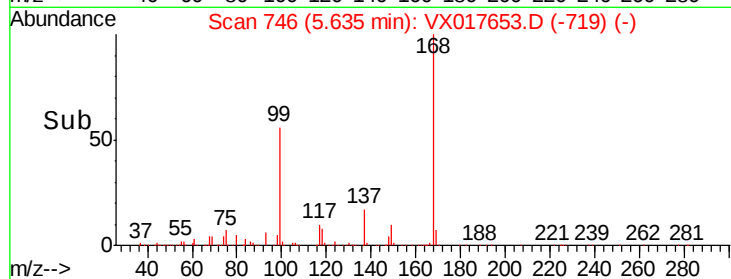
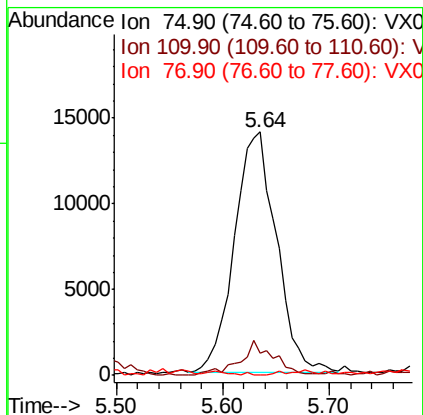
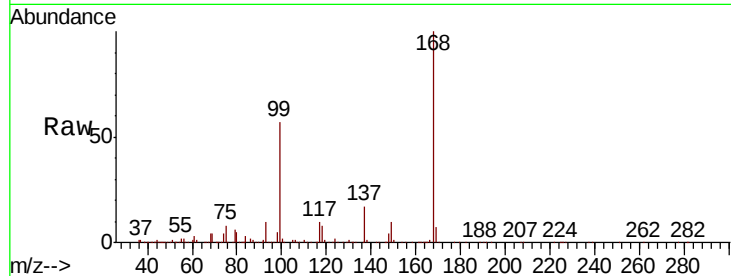
Delta R.T. -0.13 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	38696
Ion	Ratio	Lower	Upper
75	100		
110	11.6	18.1	54.3#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 146.132 ug/l

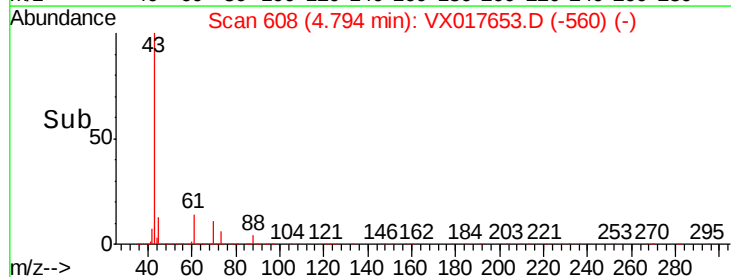
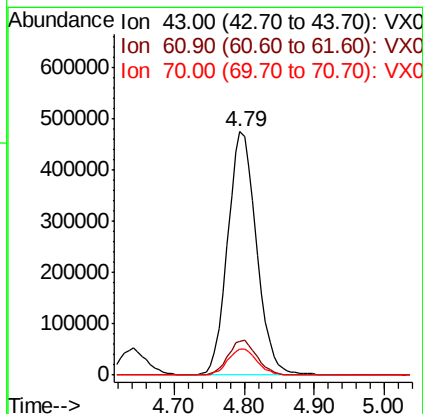
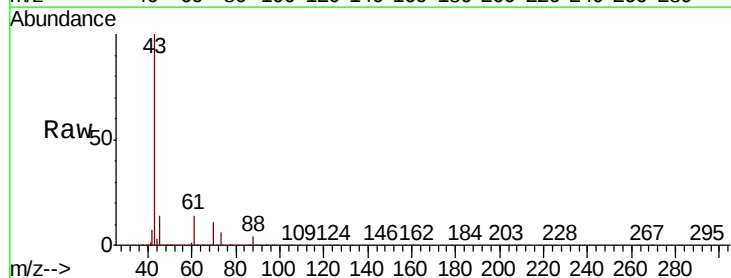
RT: 4.79 min Scan# 608

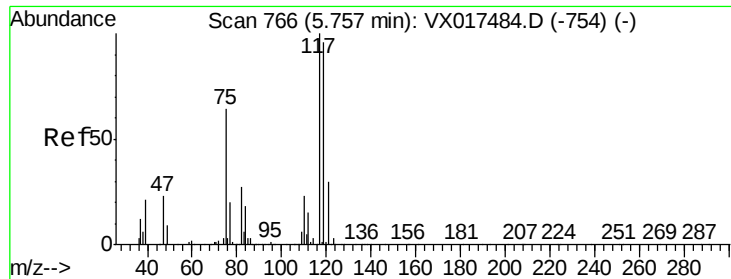
Delta R.T. -0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Tgt Ion:	43	Resp:	1354726
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.7	16.1
70	10.8	8.5	12.7

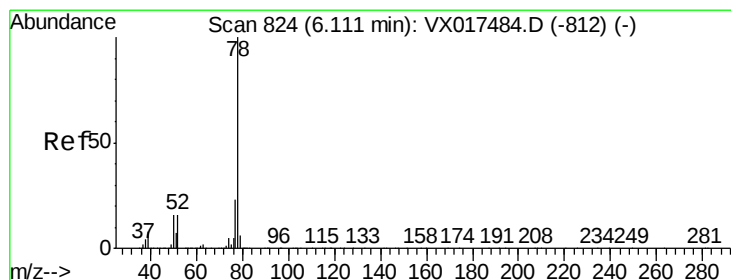
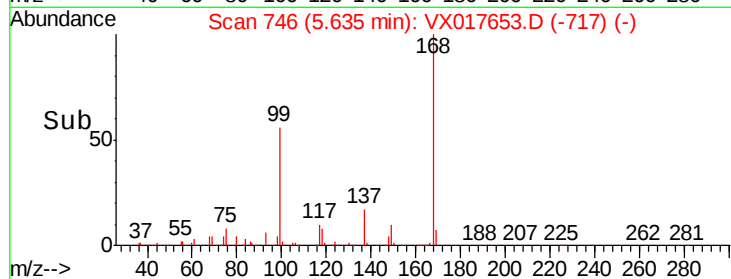
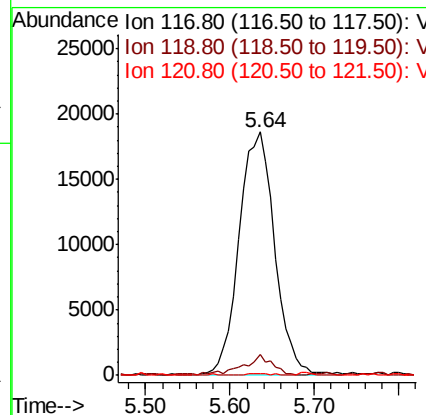
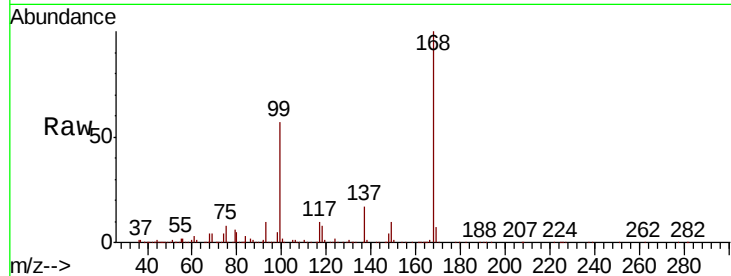




#38
Carbon Tetrachloride
Concen: 5.193 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

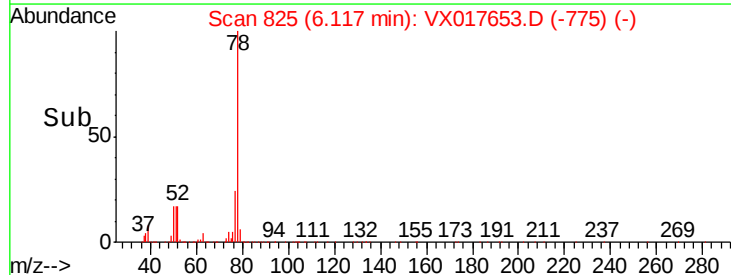
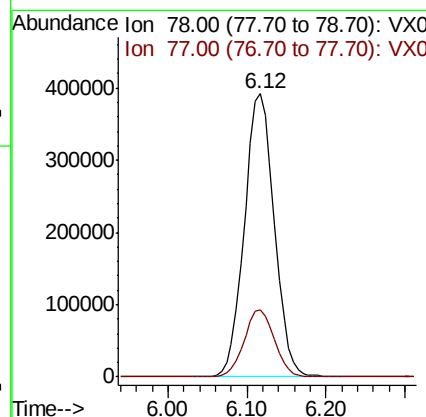
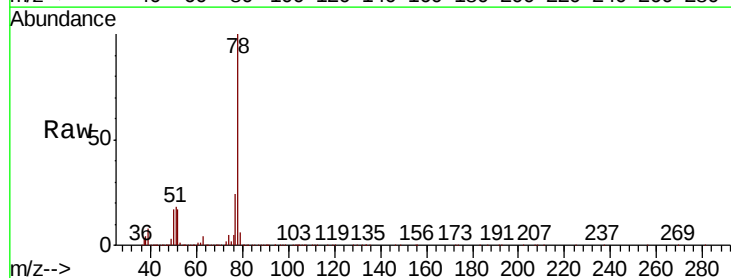
Instrument :
MSVOA_X
ClientSampleId :

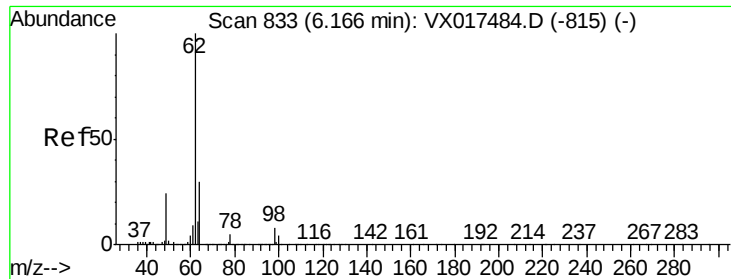
Tot Ion:117 Resp: 53428
Ion Ratio Lower Upper
117 100
119 8.7 75.4 113.0#
121 0.8 24.3 36.5#



#40
Benzene
Concen: 42.583 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 78 Resp: 1034387
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2





#42

1,2-Dichloroethane

Concen: 1.100 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

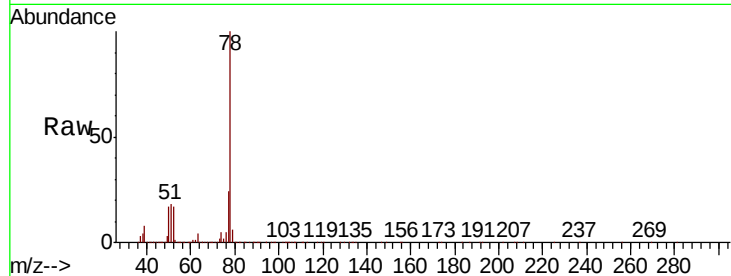
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 62 Resp: 10931

Ion Ratio Lower Upper

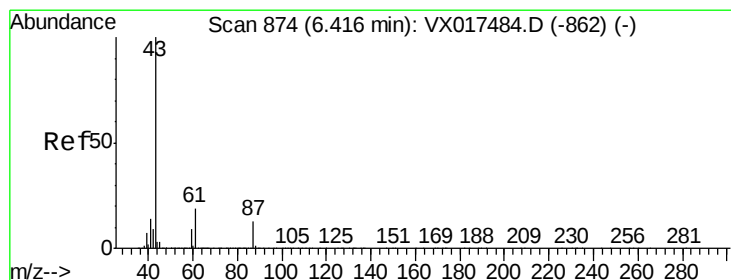
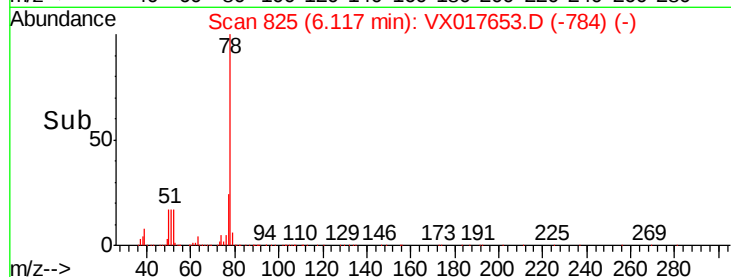
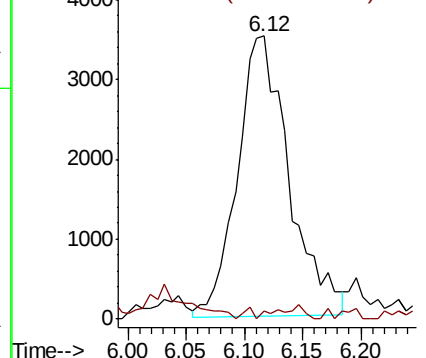
62 100

98 0.8 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 0.232 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

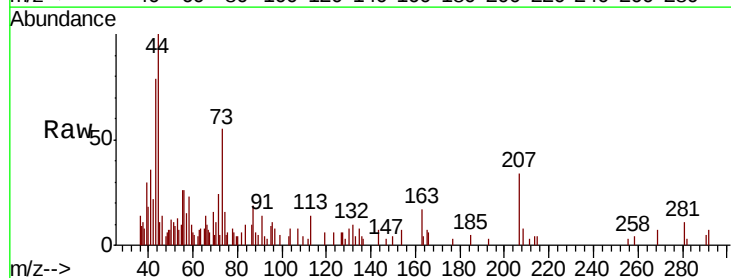
Tgt Ion: 43 Resp: 3549

Ion Ratio Lower Upper

43 100

61 11.0 15.5 23.3#

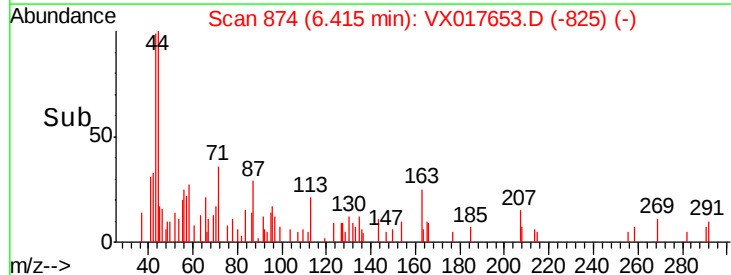
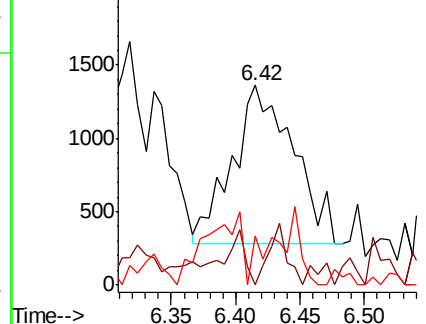
87 27.0 10.5 15.7#

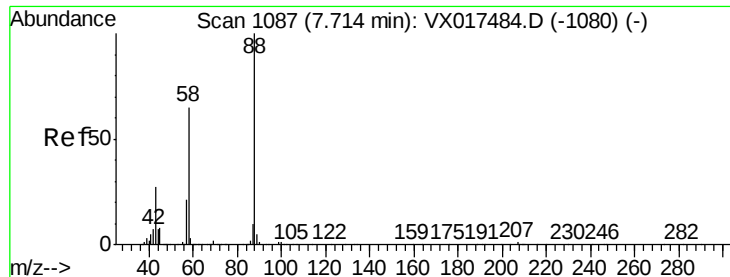


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

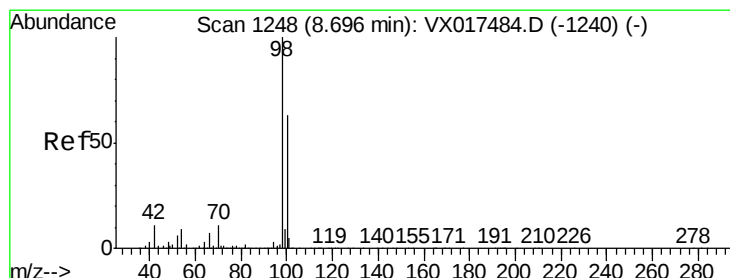
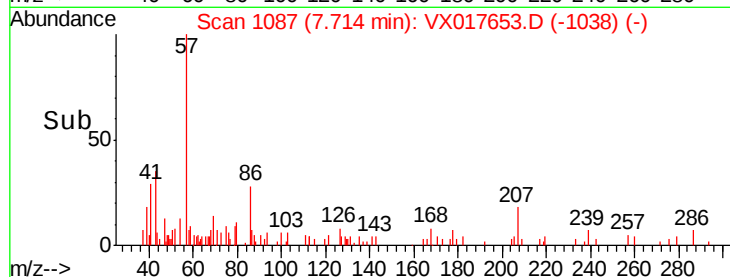
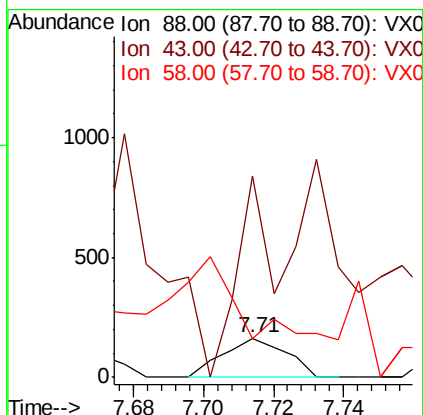
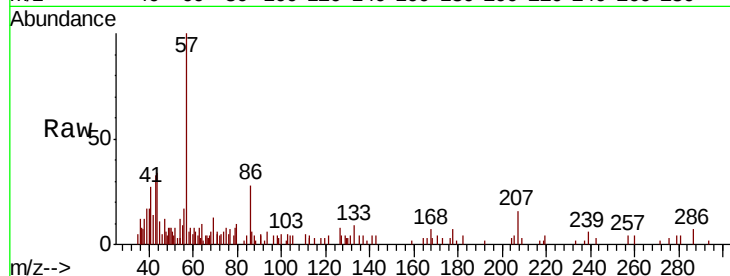




#49
1,4-Dioxane
Concen: 1.410 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

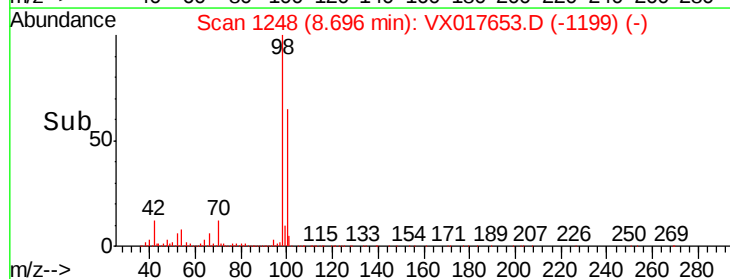
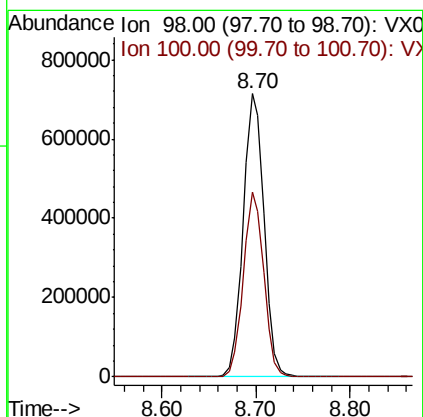
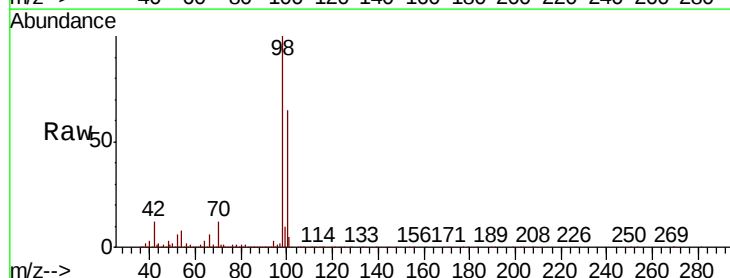
Instrument :
MSVOA_X
ClientSampled :

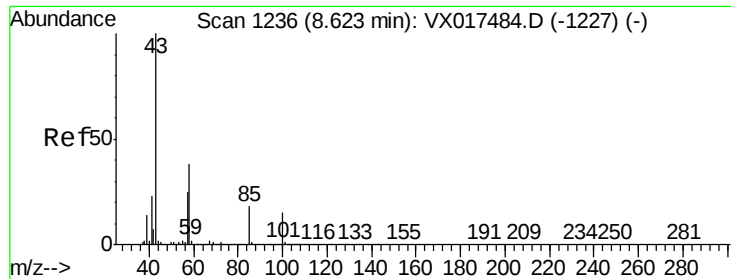
Tot Ion: 88 Resp: 205
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 222.4 58.3 87.5#



#50
Toluene-d8
Concen: 51.648 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 98 Resp: 1100846
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

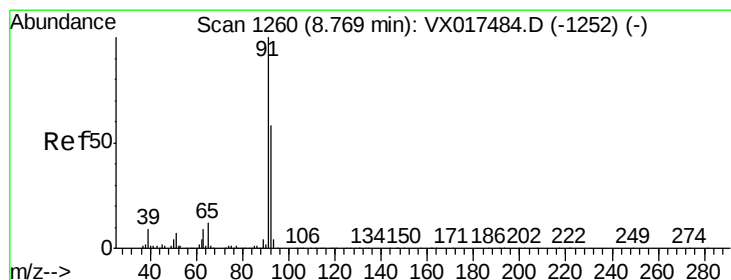
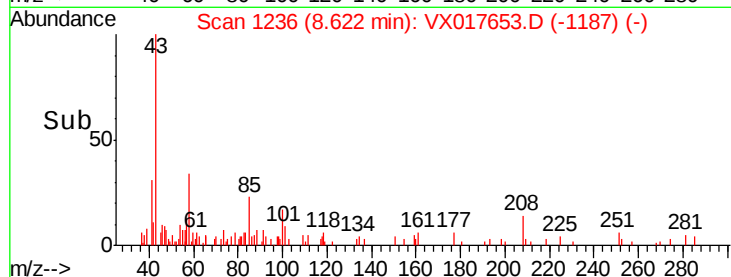
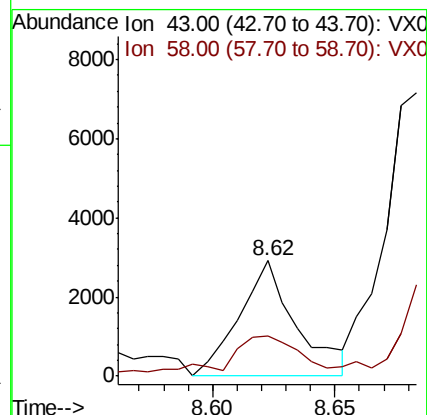
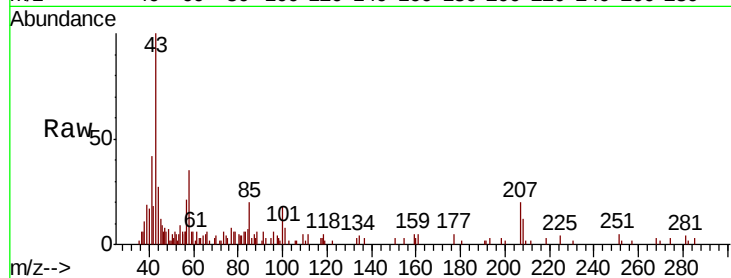
ClientSampleId :

Tot Ion: 43 Resp: 4721

Ion Ratio Lower Upper

43 100

58 44.8 31.0 46.4



#52

Toluene

Concen: 69.902 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017653.D

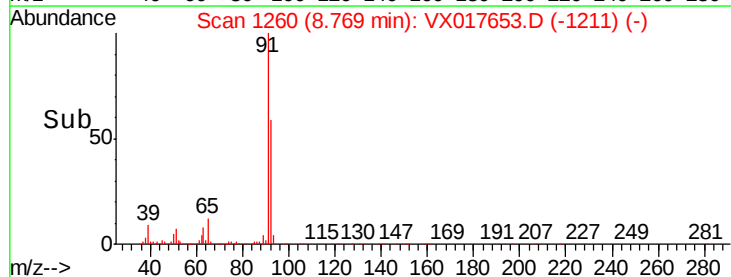
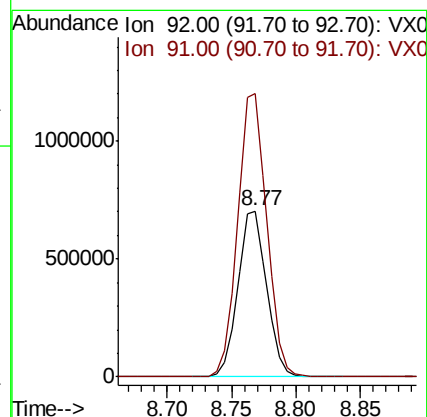
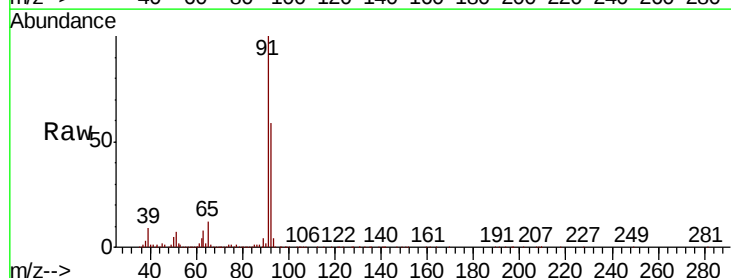
Acq: 28 Jul 2020 15:09

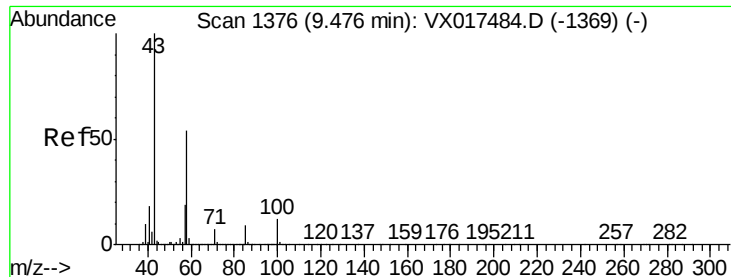
Tgt Ion: 92 Resp: 1088970

Ion Ratio Lower Upper

92 100

91 173.4 137.6 206.4

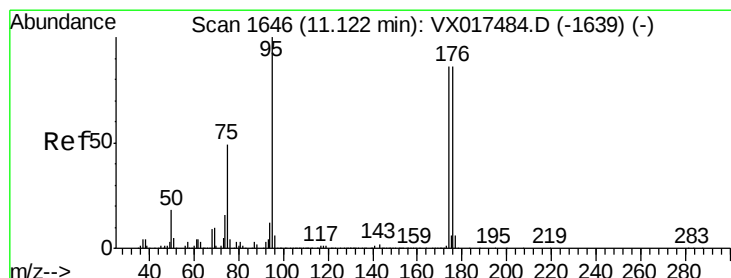
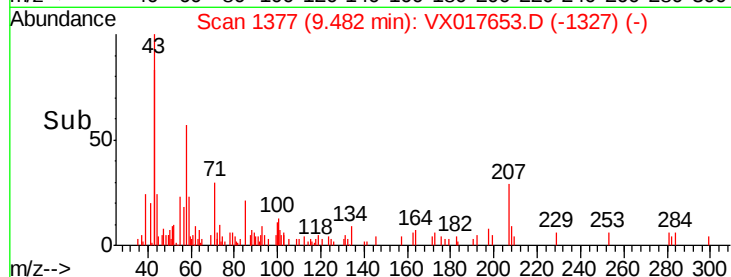
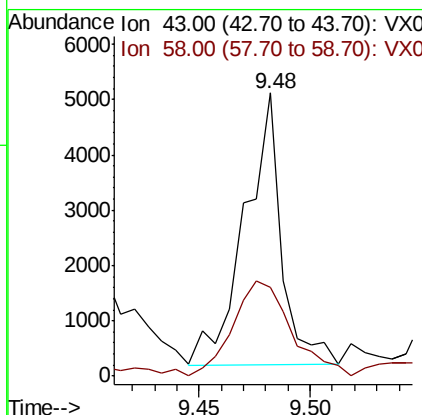
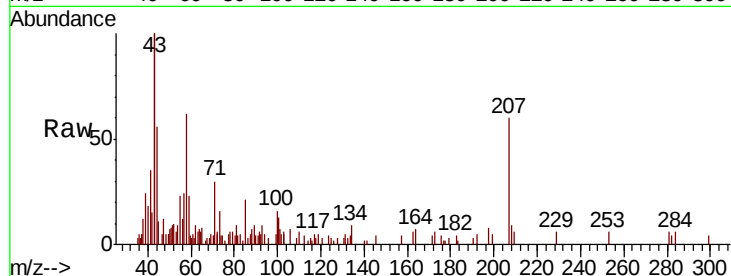




#59
2-Hexanone
Concen: 0.829 ug/l
RT: 9.48 min Scan# 1377
Delta R.T. 0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

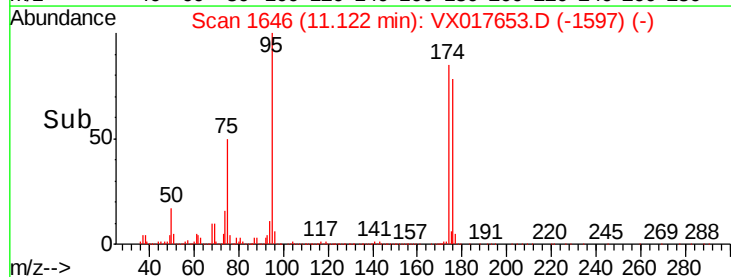
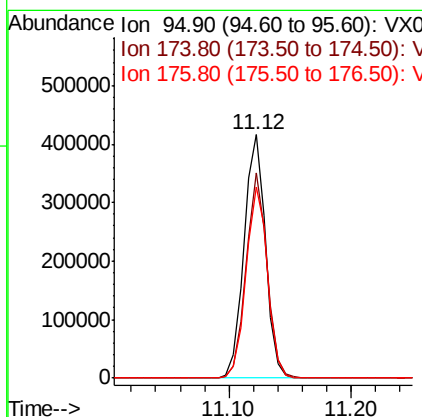
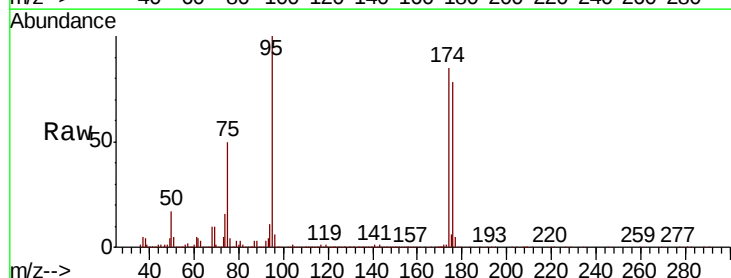
Instrument :
MSVOA_X
ClientSampled :

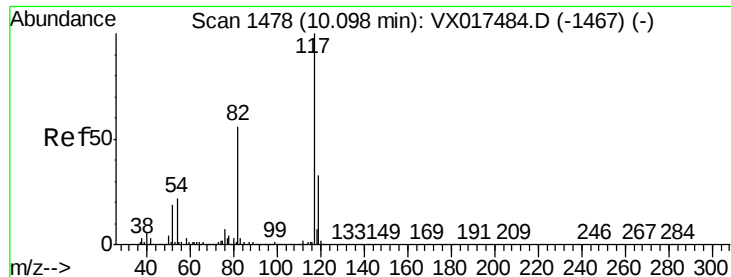
Tot Ion: 43 Resp: 5697
Ion Ratio Lower Upper
43 100
58 55.2 26.6 79.8



#62
4-Bromofluorobenzene
Concen: 59.109 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 95 Resp: 504206
Ion Ratio Lower Upper
95 100
174 82.3 0.0 169.0
176 78.8 0.0 161.0

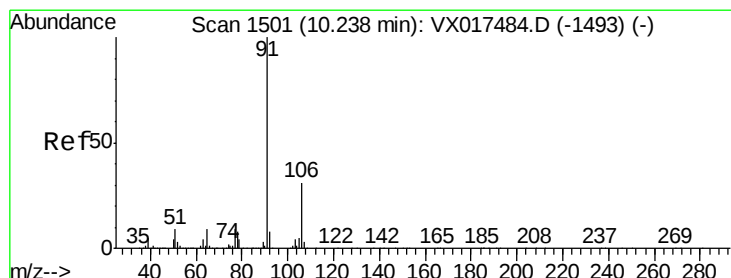
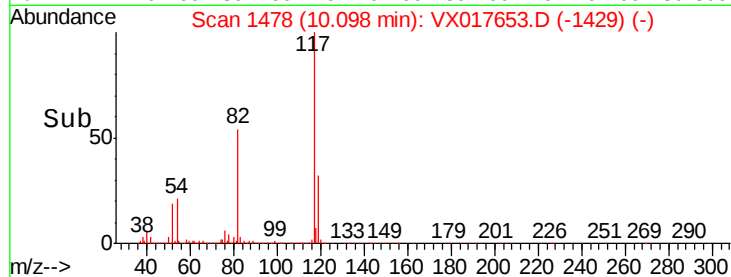
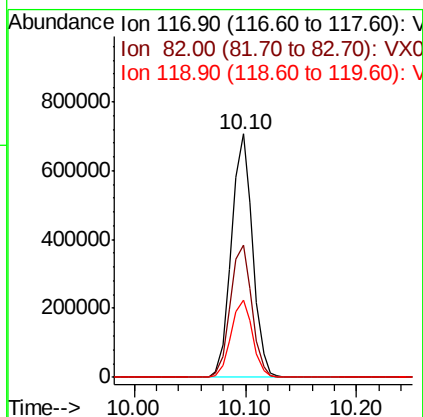
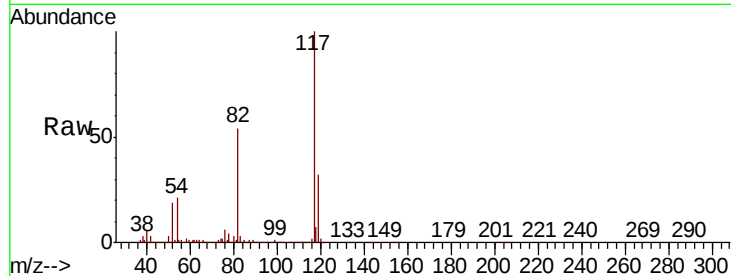




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

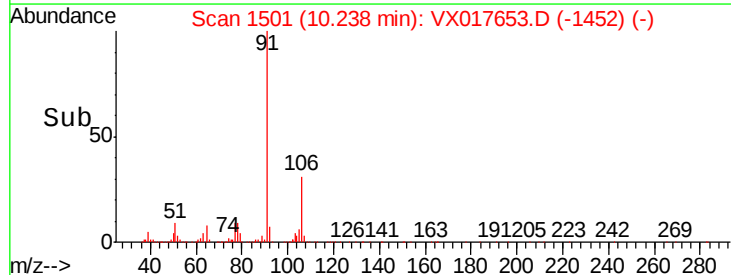
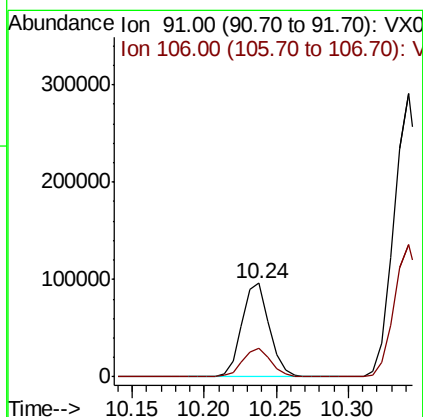
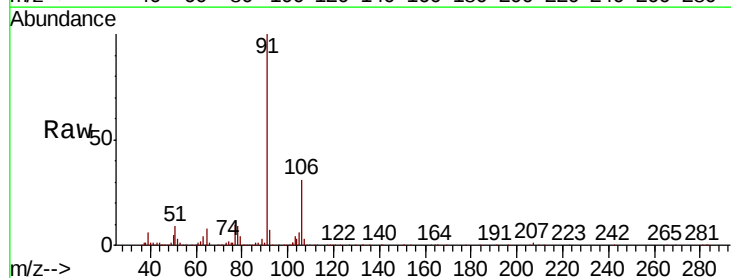
Instrument :
MSVOA_X
ClientSampleId :

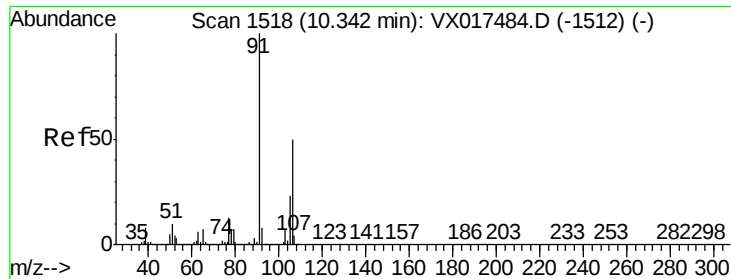
Tot Ion:117 Resp: 927293
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 31.9 25.4 38.0



#67
Ethyl Benzene
Concen: 3.769 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion: 91 Resp: 126281
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.6

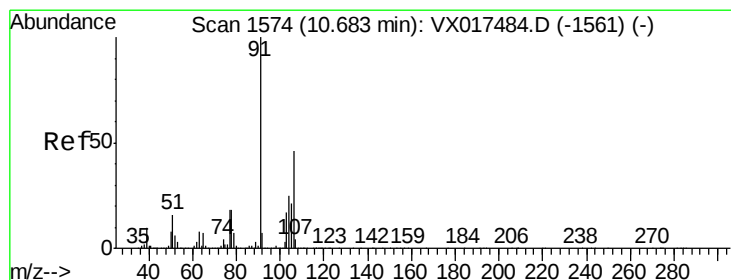
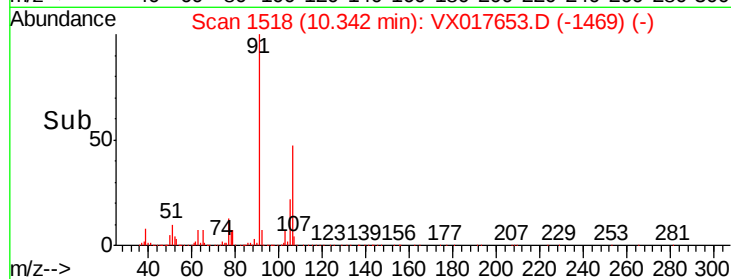
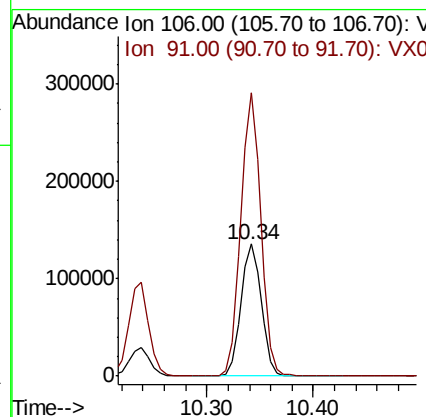
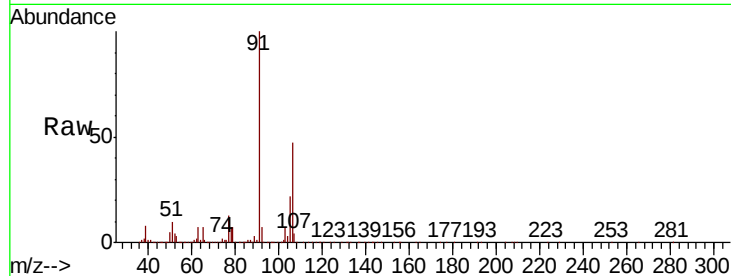




#68
m/p-Xylenes
Concen: 14.111 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

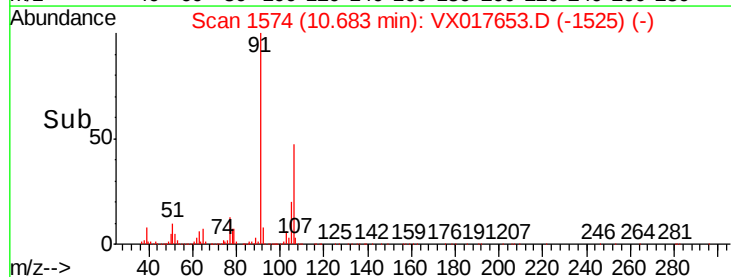
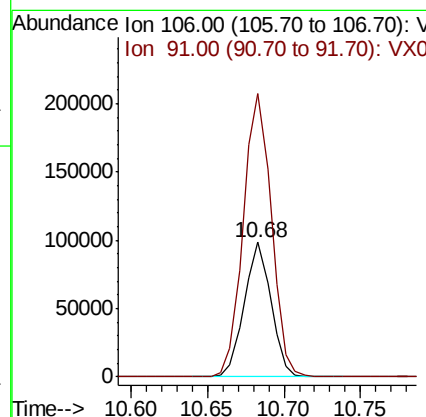
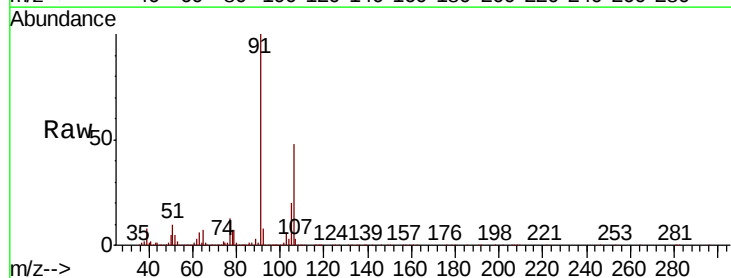
Instrument :
MSVOA_X
ClientSampleId :

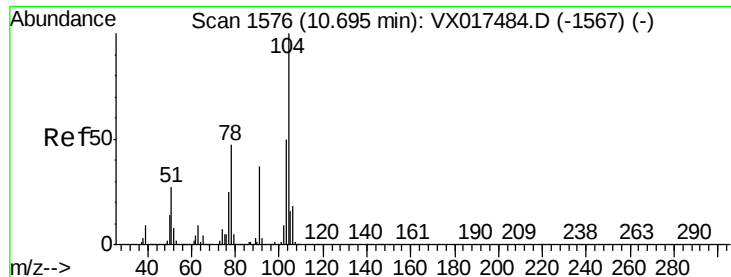
Tot Ion:106 Resp: 183159
Ion Ratio Lower Upper
106 100
91 210.6 160.9 241.3



#69
o-Xylene
Concen: 9.567 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion:106 Resp: 119427
Ion Ratio Lower Upper
106 100
91 220.5 108.2 324.6

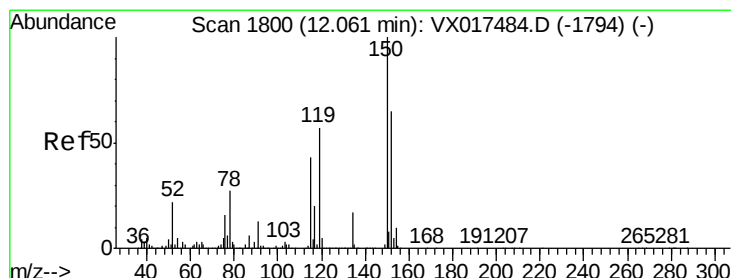
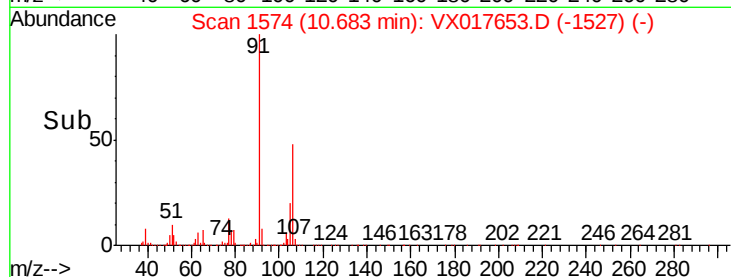
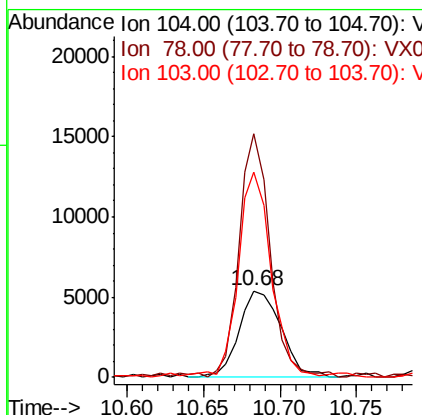
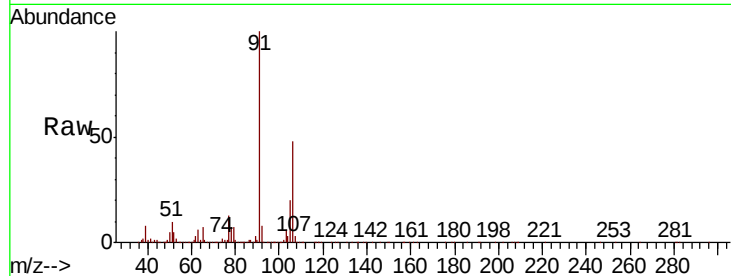




#70
Stvrene
Concen: 0.488 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

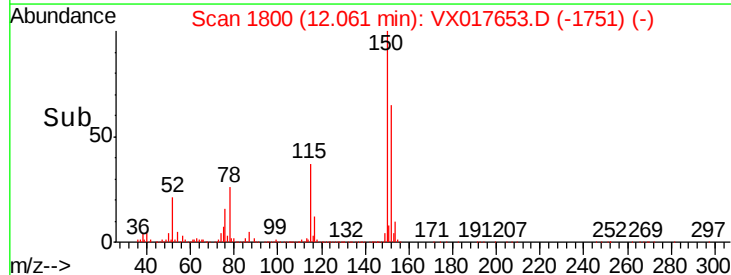
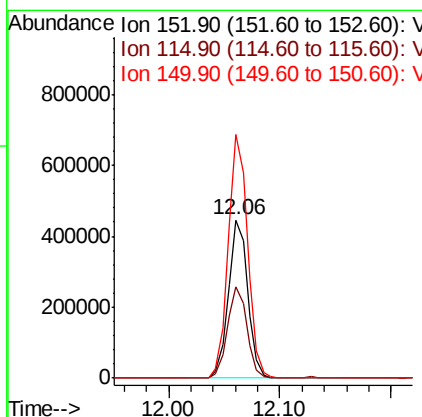
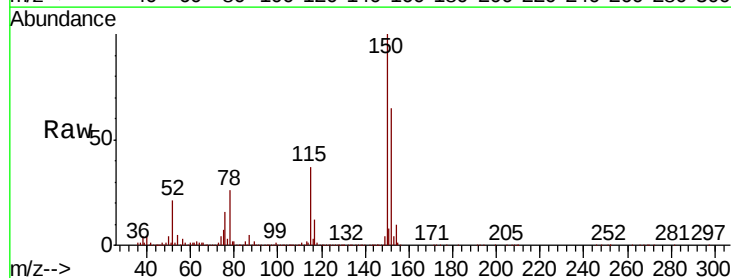
Instrument :
MSVOA_X
ClientSampleId :

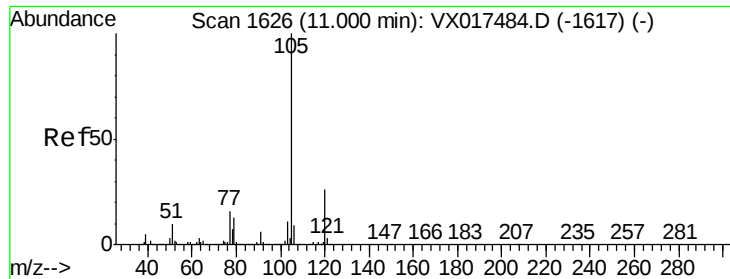
Tot Ion	Ratio	Lower	Upper
104	100		
78	205.7	42.5	63.7#
103	181.7	44.3	66.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017653.D
Acq: 28 Jul 2020 15:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	65.5	196.6#
150	155.2	0.0	412.6





#73

Isopropylbenzene

Concen: 0.227 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

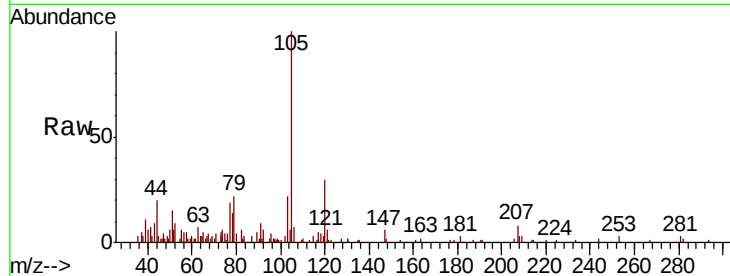
ClientSampleId :

Tot Ion:105 Resp: 8290

Ion Ratio Lower Upper

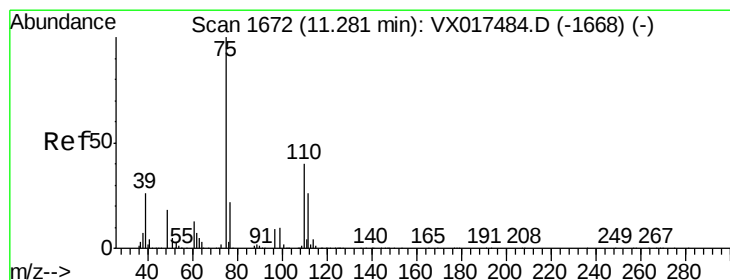
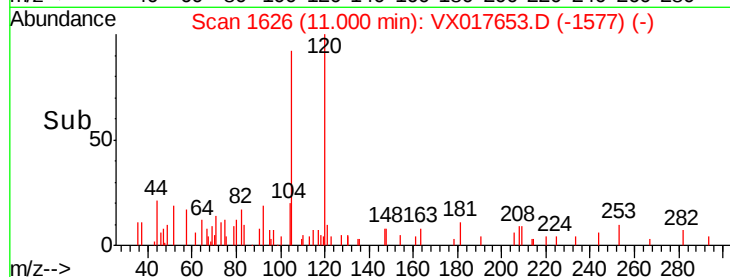
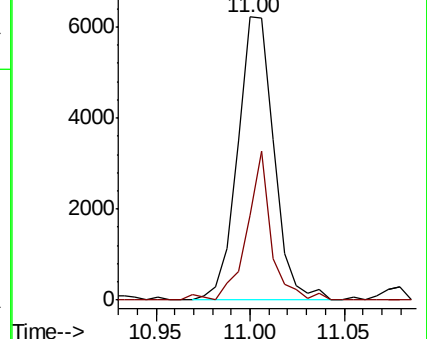
105 100

120 35.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.204 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017653.D

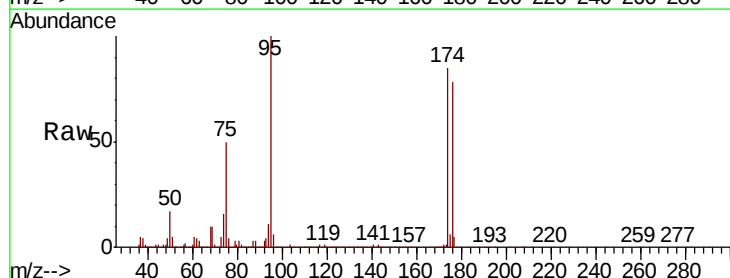
Acq: 28 Jul 2020 15:09

Tgt Ion: 75 Resp: 253620

Ion Ratio Lower Upper

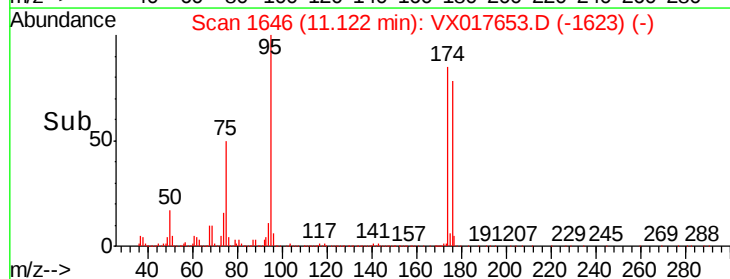
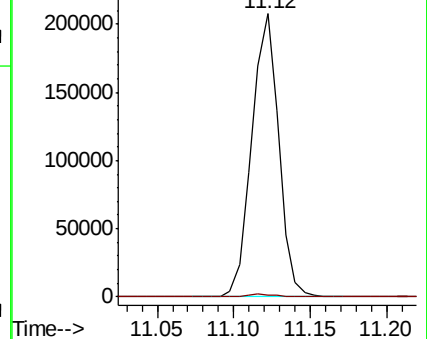
75 100

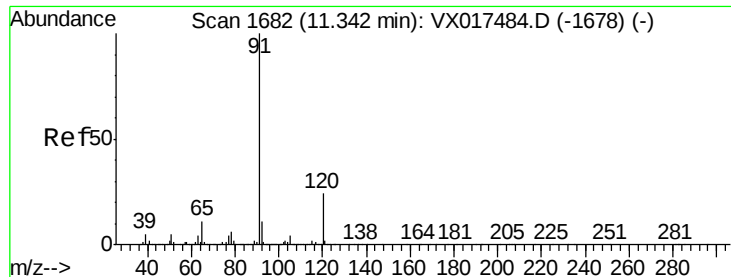
77 1.2 21.8 65.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.500 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

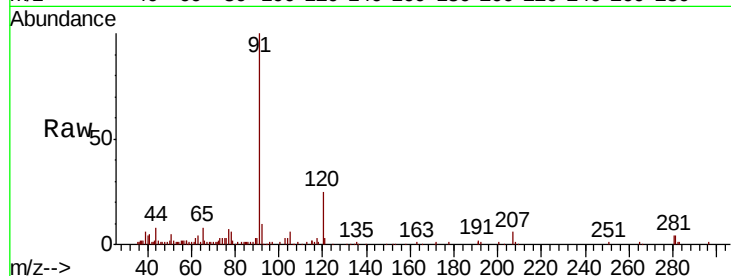
ClientSampled :

Tot Ion: 91 Resp: 20560

Ion Ratio Lower Upper

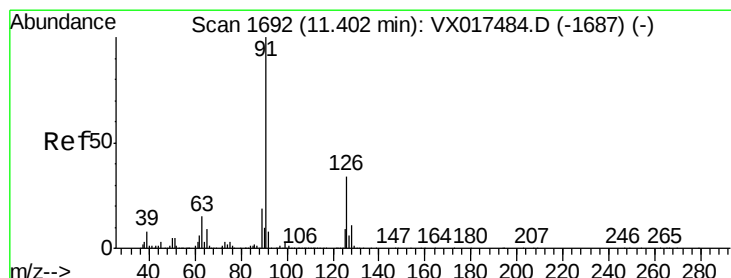
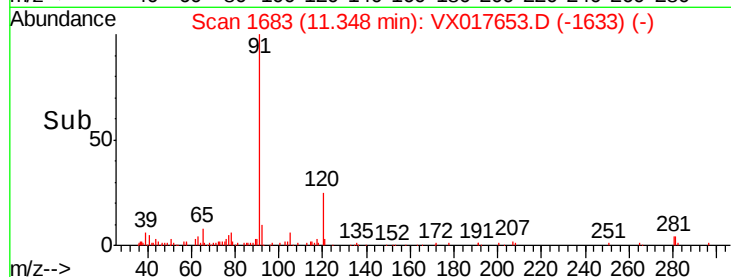
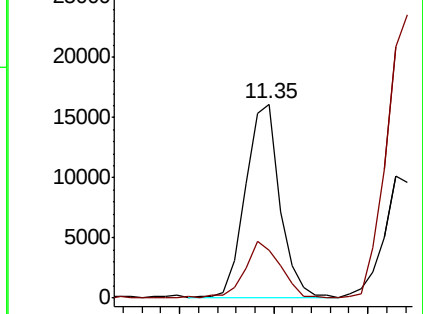
91 100

120 30.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.713 ug/l

RT: 11.41 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VX017653.D

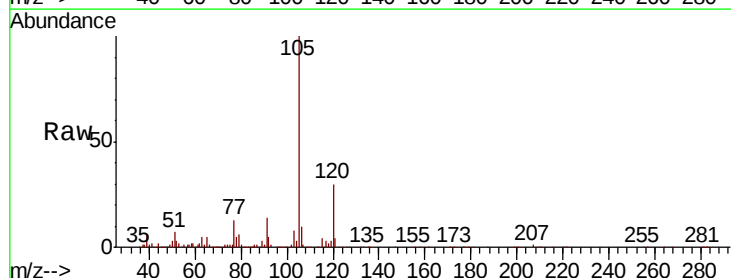
Acq: 28 Jul 2020 15:09

Tgt Ion: 91 Resp: 18149

Ion Ratio Lower Upper

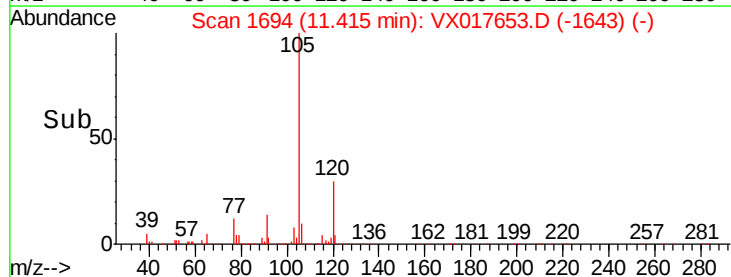
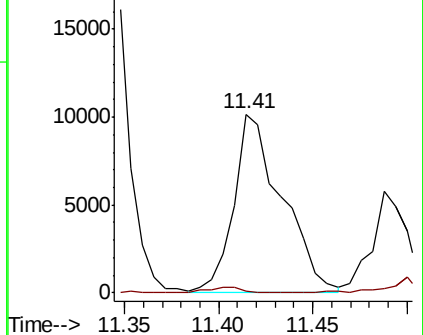
91 100

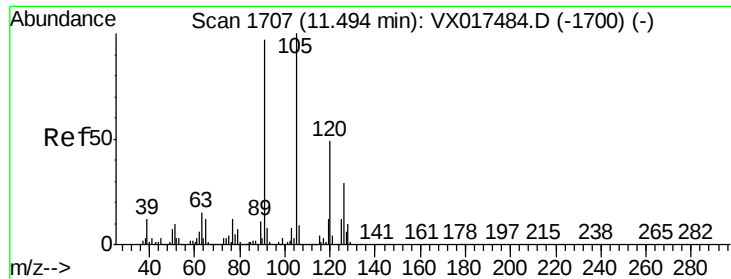
126 2.2 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 1.482 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

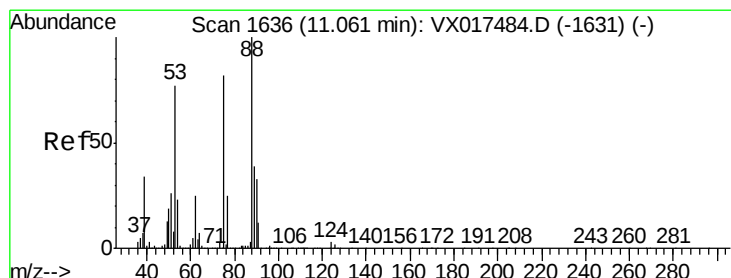
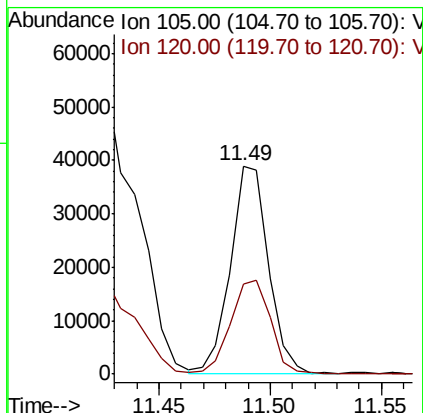
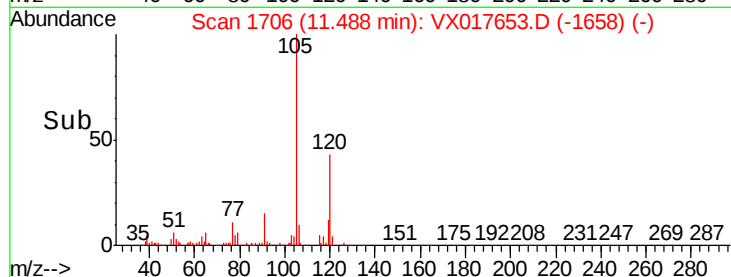
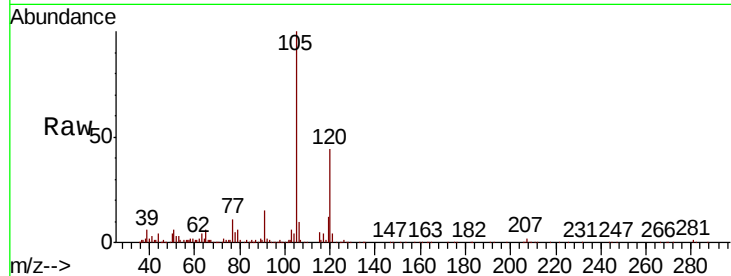
ClientSampleId :

Tot Ion:105 Resp: 46130

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.3



#81

trans-1,4-Dichloro-2-butene

Concen: 58.470 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

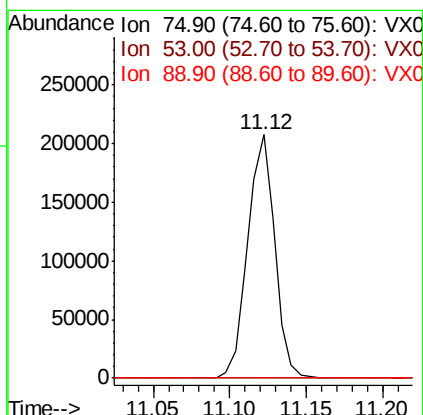
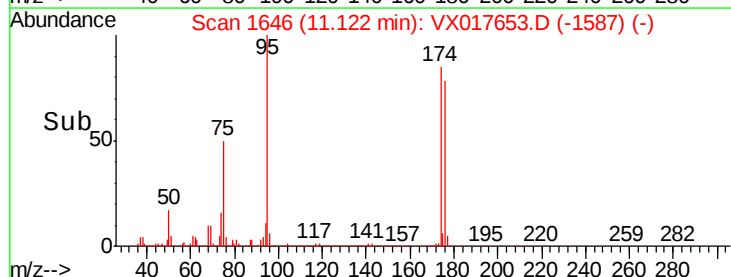
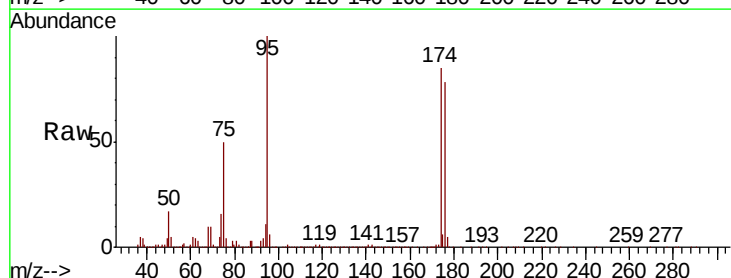
Tgt Ion: 75 Resp: 253620

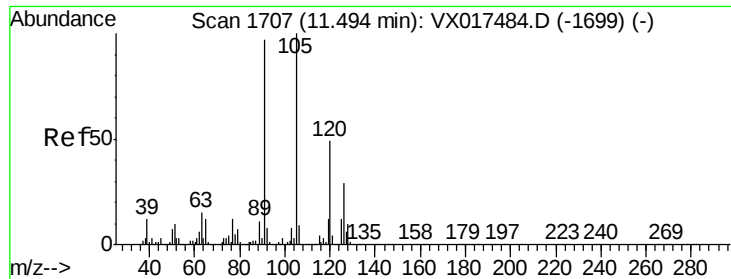
Ion Ratio Lower Upper

75 100

53 0.1 75.9 113.9#

89 0.1 37.8 56.6#





#82

4-Chlorotoluene

Concen: 0.256 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

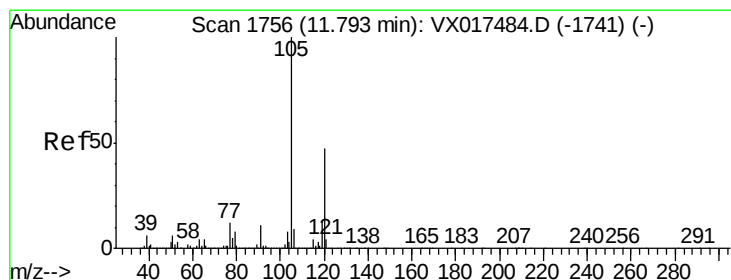
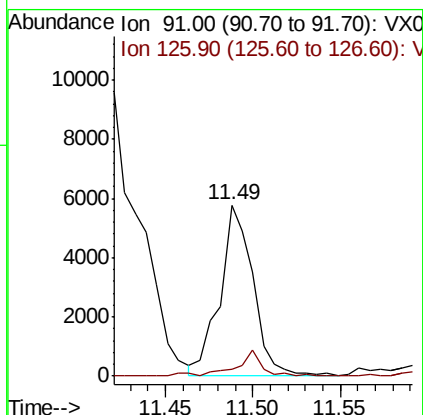
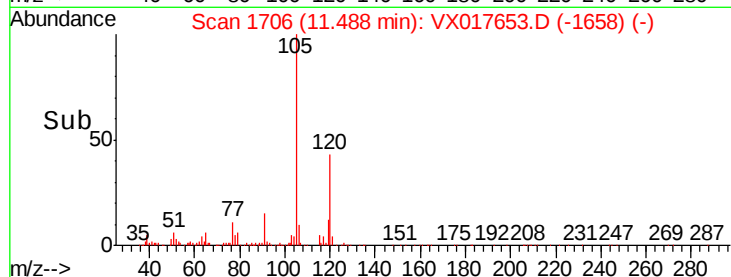
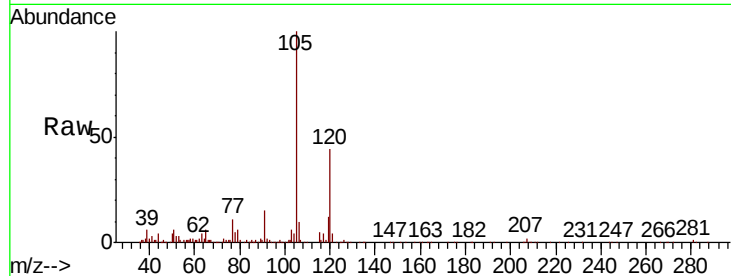
ClientSampleId :

Tot Ion: 91 Resp: 7698

Ion Ratio Lower Upper

91 100

126 12.0 15.2 45.6#



#84

1,2,4-Trimethylbenzene

Concen: 7.915 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017653.D

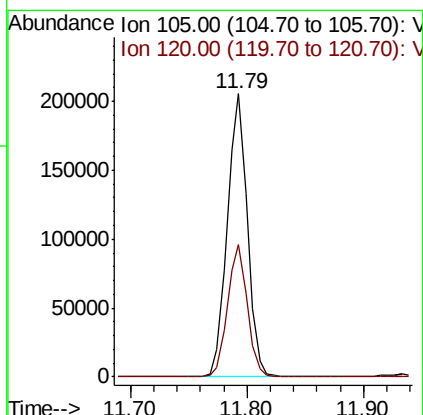
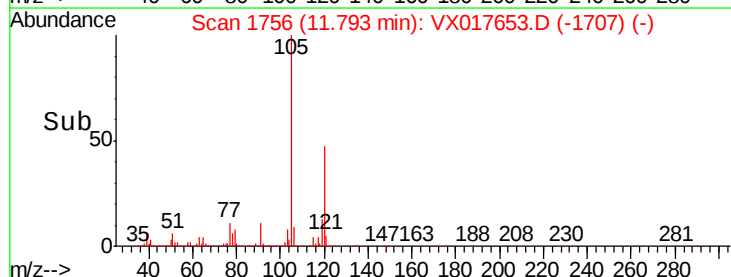
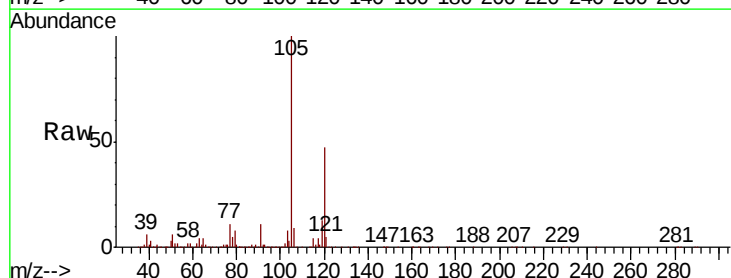
Acq: 28 Jul 2020 15:09

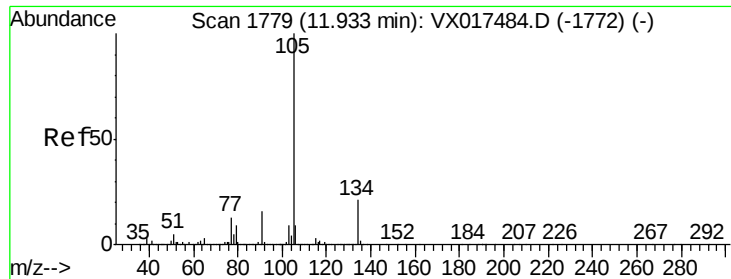
Tgt Ion: 105 Resp: 244998

Ion Ratio Lower Upper

105 100

120 46.1 22.7 68.0

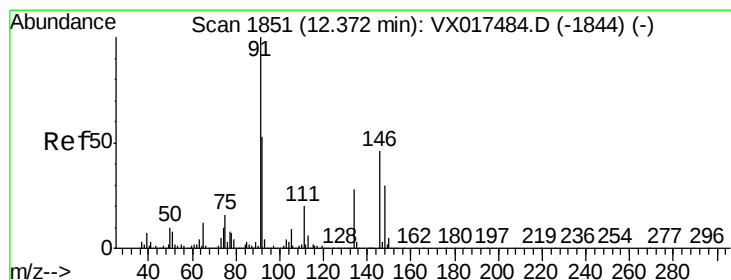
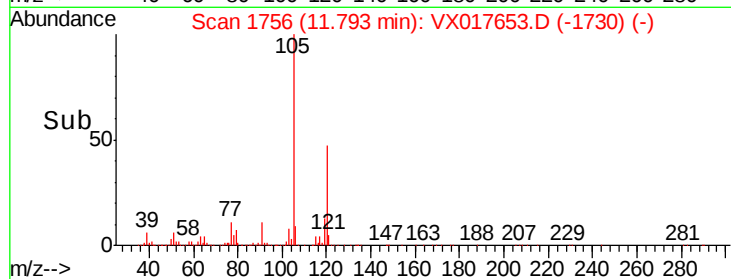
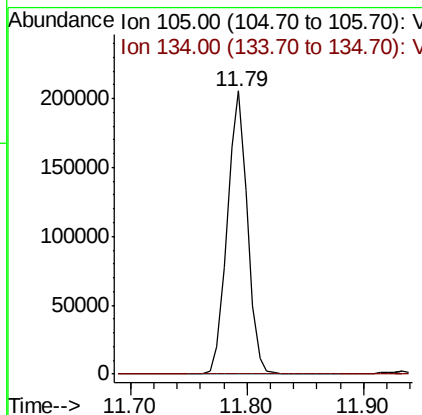
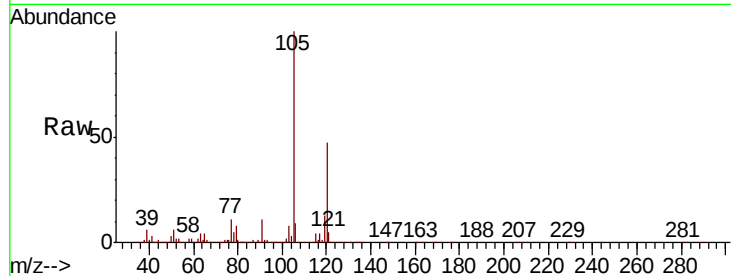




#85
 sec-Butylbenzene
 Concen: 7.062 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX017653.D
 Acq: 28 Jul 2020 15:09

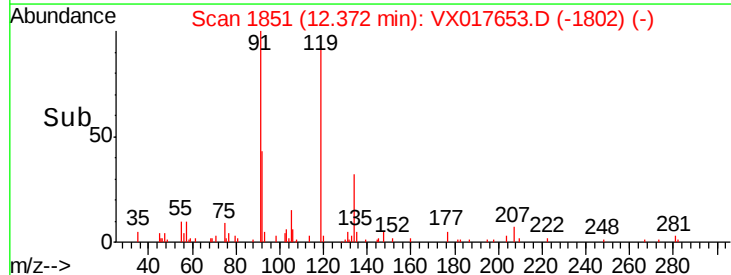
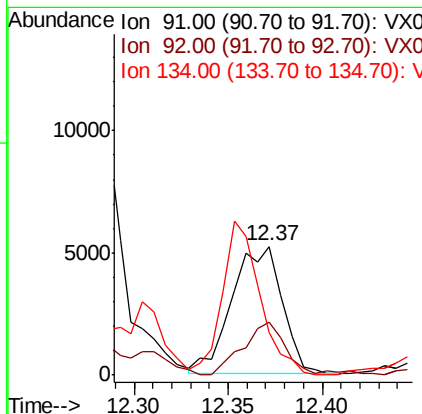
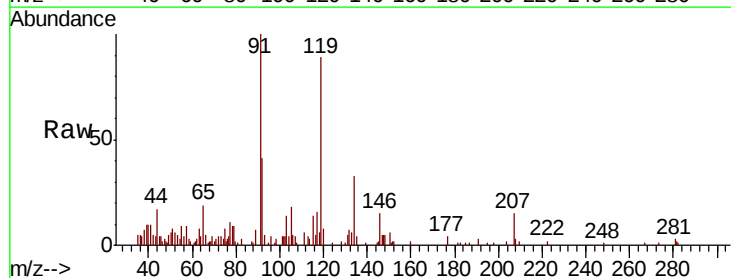
Instrument :
 MSVOA_X
 ClientSampleId :

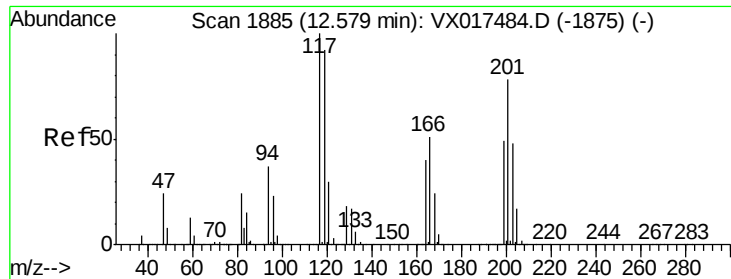
Tot Ion:105 Resp: 244998
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.4 31.2#



#89
 n-Butylbenzene
 Concen: 0.329 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017653.D
 Acq: 28 Jul 2020 15:09

Tgt Ion: 91 Resp: 9687
 Ion Ratio Lower Upper
 91 100
 92 35.7 26.7 80.1
 134 90.7 13.6 40.7#





#90

Hexachloroethane

Concen: 0.618 ug/l

RT: 12.57 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

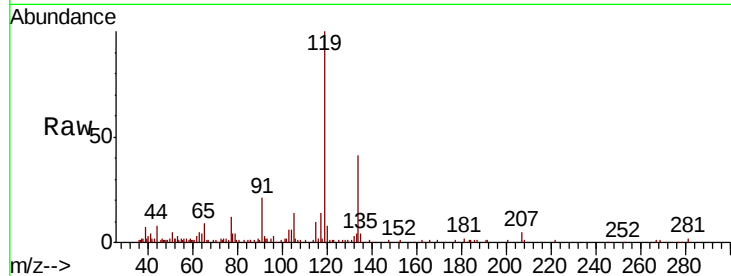
ClientSampleId :

Tot Ion:117 Resp: 4024

Ion Ratio Lower Upper

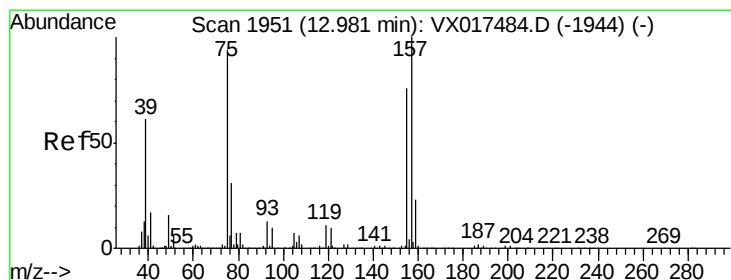
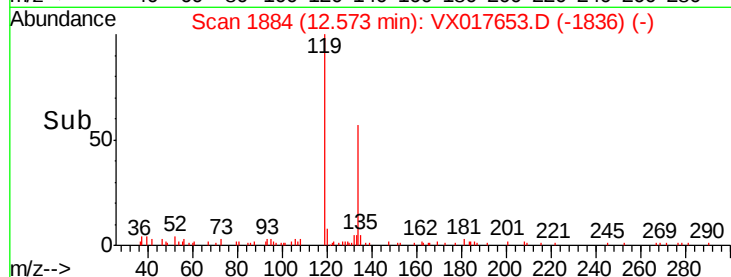
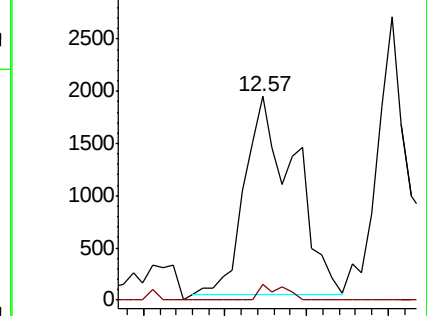
117 100

201 3.9 42.2 126.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.754 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

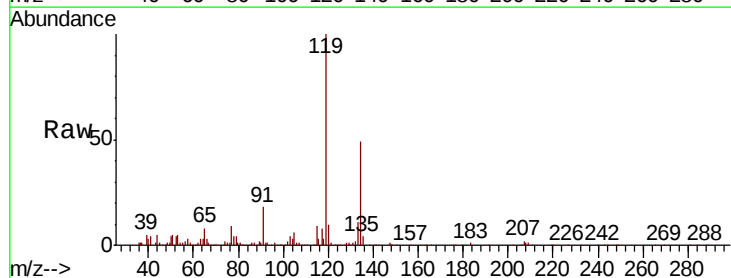
Tgt Ion: 75 Resp: 602

Ion Ratio Lower Upper

75 100

155 6.8 42.3 126.8#

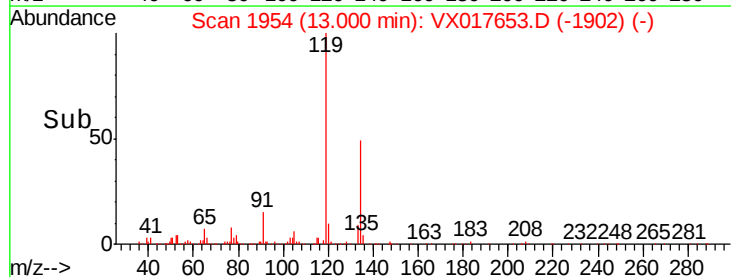
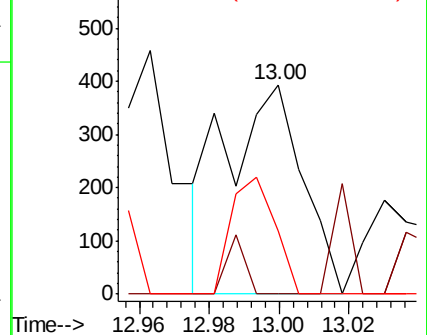
157 31.9 54.3 162.9#

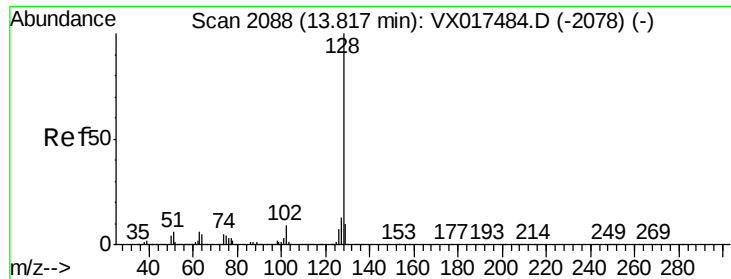


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 4.488 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017653.D

Acq: 28 Jul 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

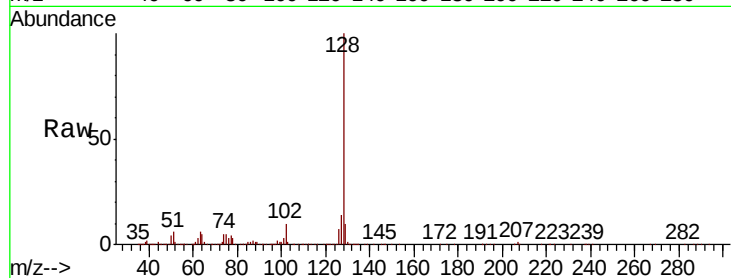
Tot Ion:128 Resp: 157495

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 10.7 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

