

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072820\
 Data File : VX017662.D
 Acq On : 28 Jul 2020 18:44
 Operator : JC/SP
 Sample : L3413-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 02:30:22 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	518619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	860806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	902100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	539005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	344653	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	5.48	113	281451	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.70	98	1077578	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.12	95	478042	57.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.02%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.17	85	571	Below Cal		83
3) Chloromethane	1.31	50	1441	0.590 ug/l #		75
5) Bromomethane	1.64	94	824	Below Cal #		40
6) Chloroethane	1.71	64	205	Below Cal #		1
8) Diethyl Ether	2.17	74	3799	Below Cal #		1
11) Tert butyl alcohol	3.07	59	109533	78.012 ug/l		96
13) Acrolein	2.29	56	1608	5.624 ug/l #		14
14) Allyl chloride	2.71	41	12000	1.227 ug/l #		27
15) Acrylonitrile	3.06	53	1739	0.573 ug/l #		55
16) Acetone	2.46	43	6607110	2253.346 ug/l		97
18) Methyl Acetate	2.77	43	95627	13.848 ug/l		96
19) Methyl tert-butyl Ether	3.18	73	527557	28.454 ug/l		98
20) Methylene Chloride	2.84	84	5026	Below Cal #		91
22) Diisopropyl ether	3.83	45	153711	8.595 ug/l #		88
23) Vinyl Acetate	3.83	43	82725	5.188 ug/l #		74
25) 2-Butanone	4.65	43	1631953	391.788 ug/l		97
29) Tetrahydrofuran	5.13	42	16783	6.505 ug/l #		87
31) Cyclohexane	5.55	56	39434	4.800 ug/l		99
36) 1,1-Dichloropropene	5.63	75	37370	4.526 ug/l #		52
37) Ethyl Acetate	4.81	43	15139446	1675.976 ug/l		98
38) Carbon Tetrachloride	5.63	117	49282	4.916 ug/l #		17
39) Methylcyclohexane	7.44	83	17114	1.776 ug/l		92
40) Benzene	6.12	78	11228323	474.383 ug/l		99
41) Methacrylonitrile	5.15	41	36674	7.083 ug/l #		47
42) 1,2-Dichloroethane	6.12	62	104977	10.841 ug/l		78
43) Isopropyl Acetate	6.42	43	26821	1.800 ug/l #		53
48) Methyl methacrylate	7.71	41	4818	0.652 ug/l #		73
49) 1,4-Dioxane	7.70	88	368	2.598 ug/l #		1
51) 4-Methyl-2-Pentanone	8.63	43	34181	3.844 ug/l		97
52) Toluene	8.77	92	11748637	773.977 ug/l		77
53) t-1,3-Dichloropropene	8.77	75	153704	14.716 ug/l #		1
59) 2-Hexanone	9.48	43	47524	7.098 ug/l		98
60) Dibromochloromethane	9.57	129	4351	0.541 ug/l		83
67) Ethyl Benzene	10.24	91	1611105	49.429 ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

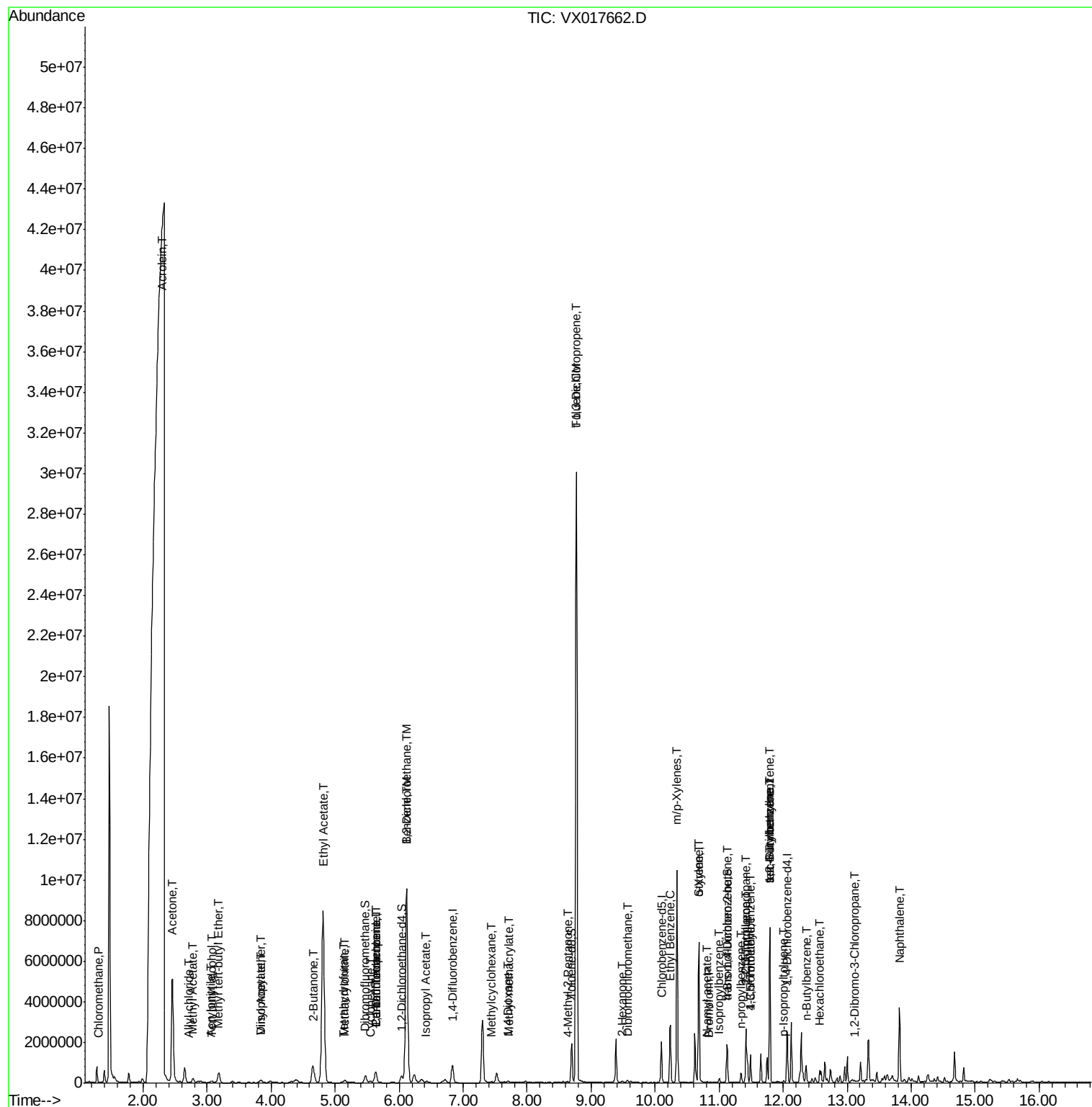
68) m/p-Xylenes	10.34	106	2315326	183.363	ug/l	97
69) o-Xylene	10.68	106	1406047	115.778	ug/l	99
70) Styrene	10.68	104	103969	5.032	ug/l #	1
71) Bromoform	10.85	173	3798	0.556	ug/l #	87
73) Isopropylbenzene	11.01	105	94053	2.544	ug/l	99
74) N-amyl acetate	10.80	43	19880	1.210	ug/l #	44
76) 1,2,3-Trichloropropane	11.42	75	15170	1.368	ug/l #	1
78) n-propylbenzene	11.34	91	274673	6.586	ug/l	98
79) 2-Chlorotoluene	11.42	91	215153	8.328	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	604515	19.148	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	246880	56.106	ug/l #	11
82) 4-Chlorotoluene	11.49	91	67322	2.209	ug/l #	45
83) tert-Butylbenzene	11.79	119	393275	13.018	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.79	105	3194814	101.742	ug/l	99
85) sec-Butylbenzene	11.79	105	3194814	90.785	ug/l #	55
86) p-Isopropyltoluene	12.01	119	40949	1.222	ug/l	93
89) n-Butylbenzene	12.36	91	107828	3.611	ug/l #	14
90) Hexachloroethane	12.57	117	27649	4.185	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	13.13	75	292	2.661	ug/l	88
95) Naphthalene	13.82	128	2182045	61.302	ug/l	100

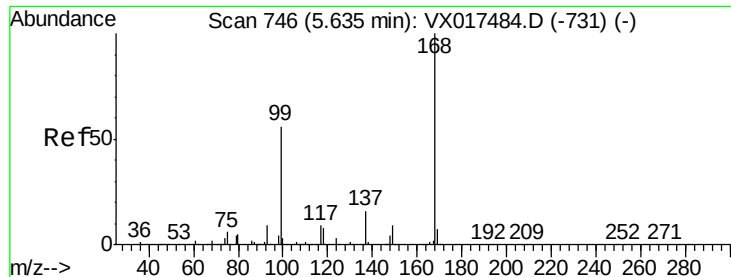
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

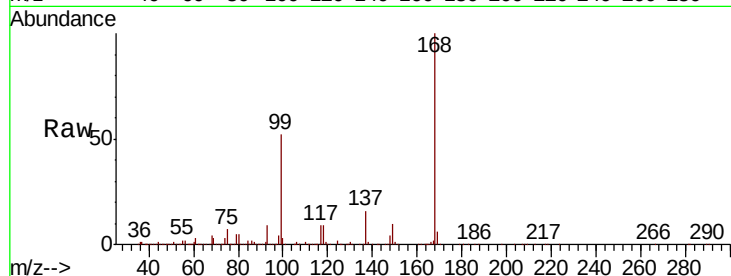
ClientSampleId :

Tot Ion:168 Resp: 518619

Ion Ratio Lower Upper

168 100

99 52.3 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

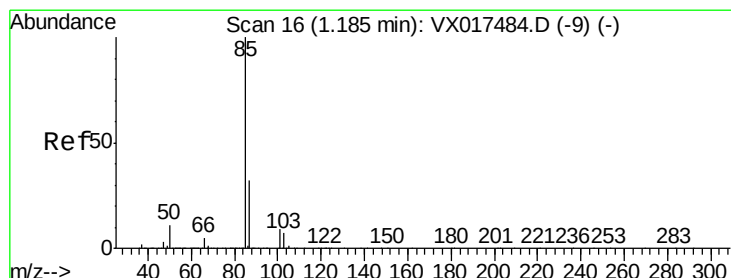
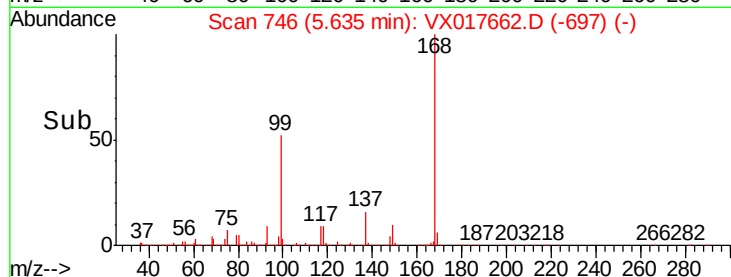
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.17 min Scan# 14

Delta R.T. -0.01 min

Lab File: VX017662.D

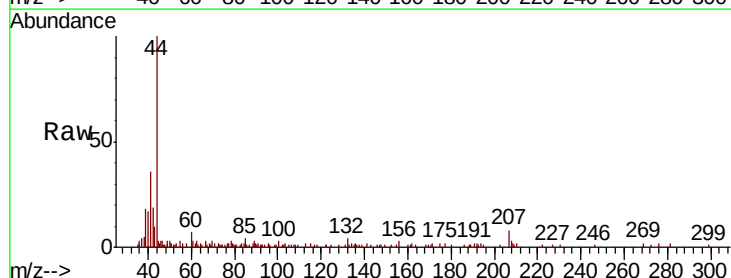
Acq: 28 Jul 2020 18:44

Tgt Ion: 85 Resp: 571

Ion Ratio Lower Upper

85 100

87 22.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.17

400

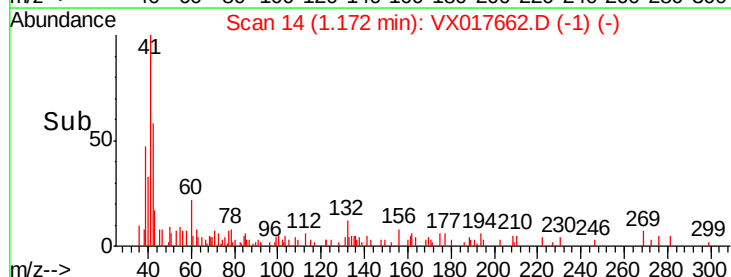
300

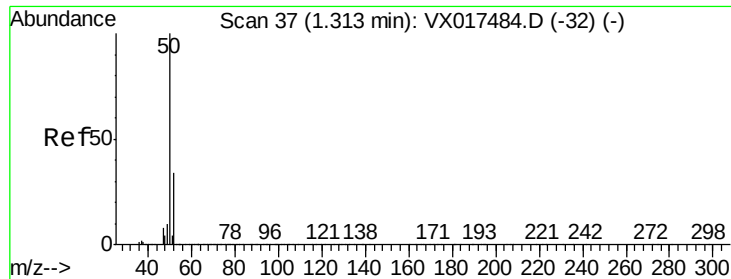
200

100

0

Time-->





#3

Chloromethane

Concen: 0.590 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

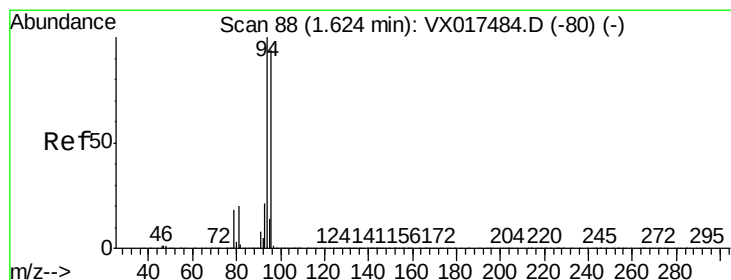
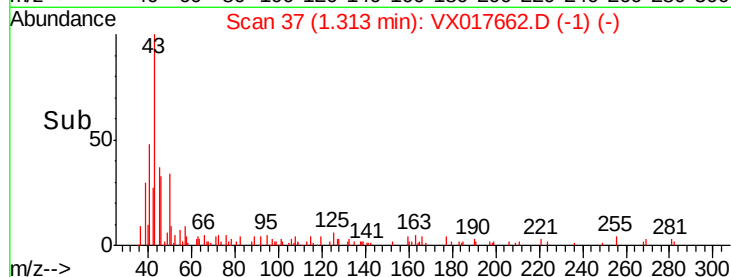
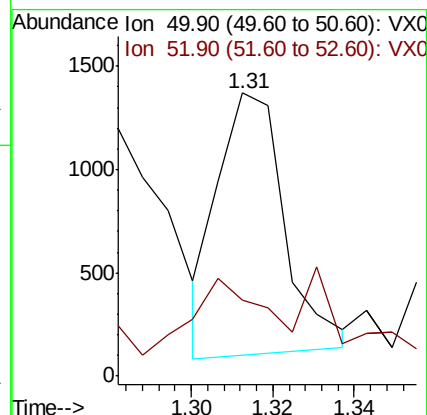
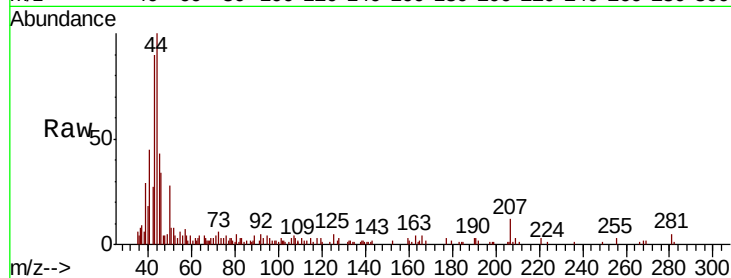
ClientSampleId :

Tot Ion: 50 Resp: 1441

Ion Ratio Lower Upper

50 100

52 18.5 25.9 38.9#



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017662.D

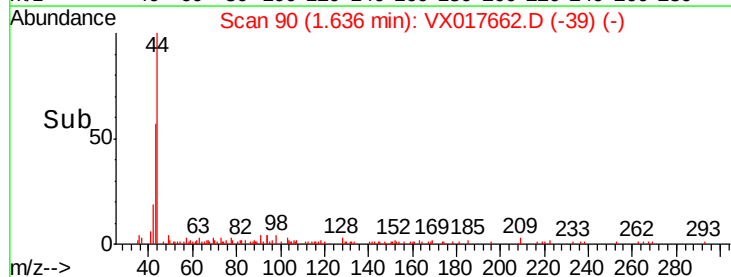
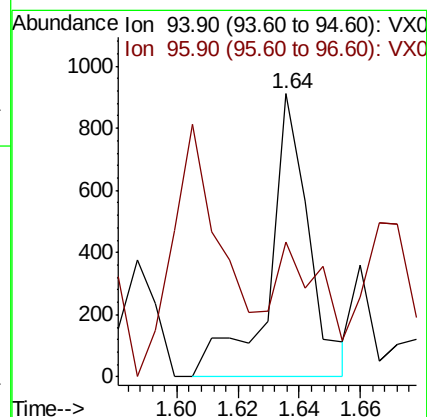
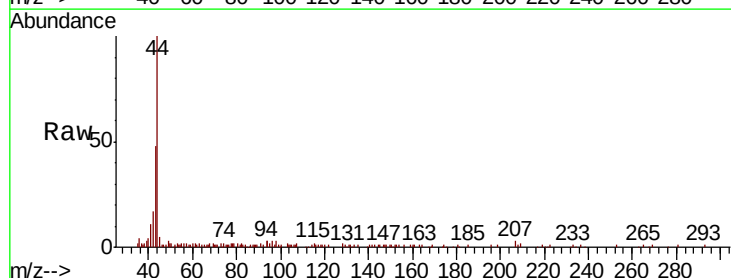
Acq: 28 Jul 2020 18:44

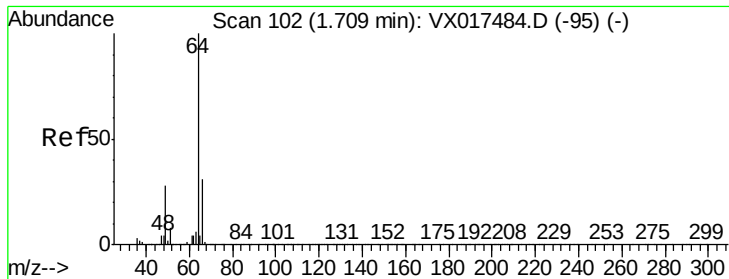
Tgt Ion: 94 Resp: 824

Ion Ratio Lower Upper

94 100

96 34.8 74.1 111.1#





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

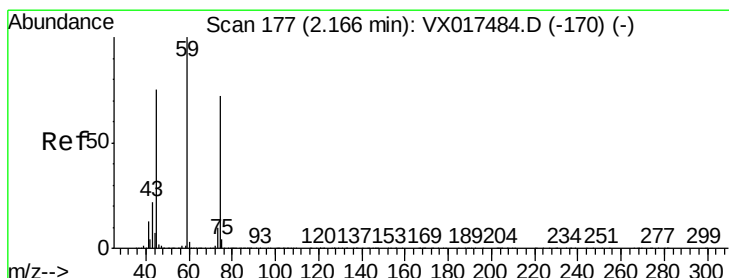
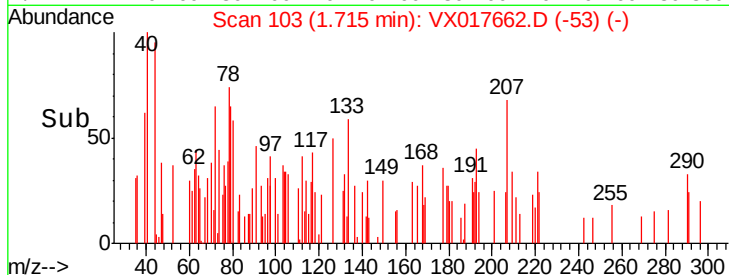
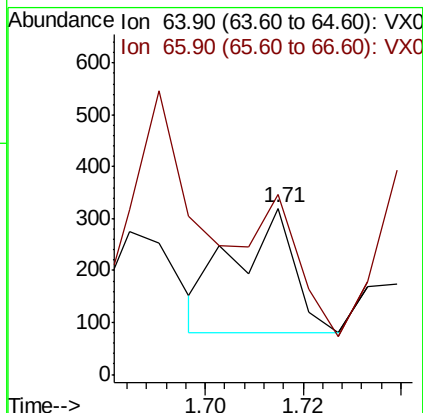
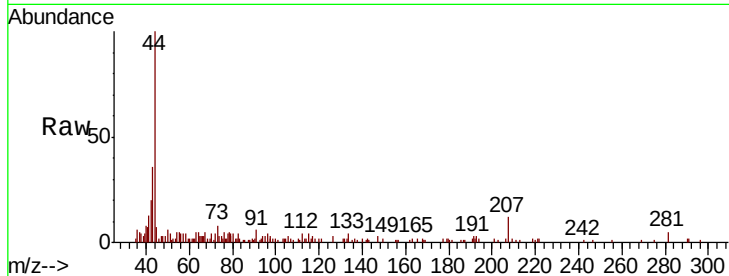
ClientSampled :

Tot Ion: 64 Resp: 205

Ion Ratio Lower Upper

64 100

66 113.8 24.9 37.3#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX017662.D

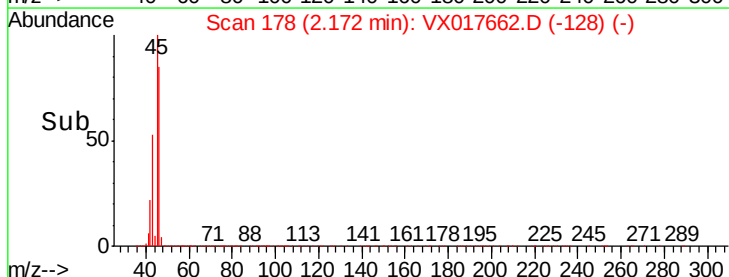
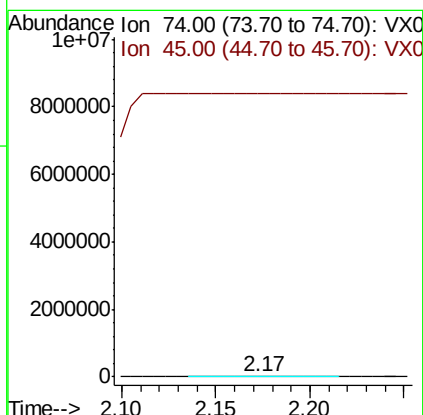
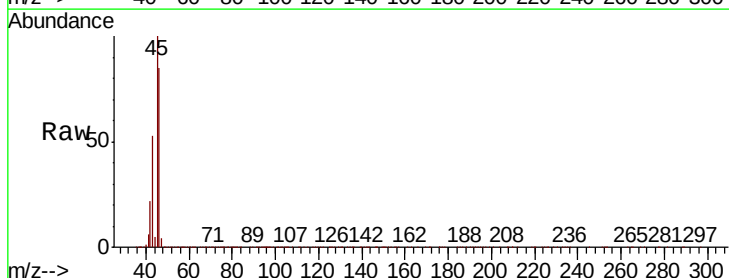
Acq: 28 Jul 2020 18:44

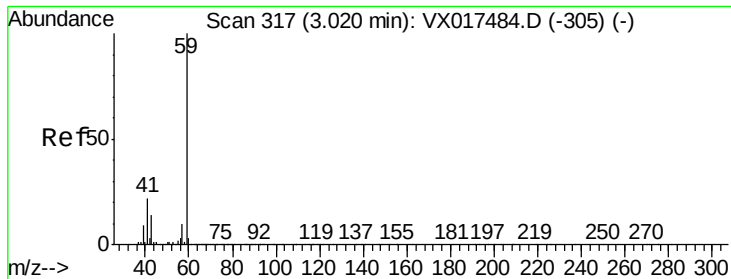
Tgt Ion: 74 Resp: 3799

Ion Ratio Lower Upper

74 100

45 0.0 50.8 152.5#



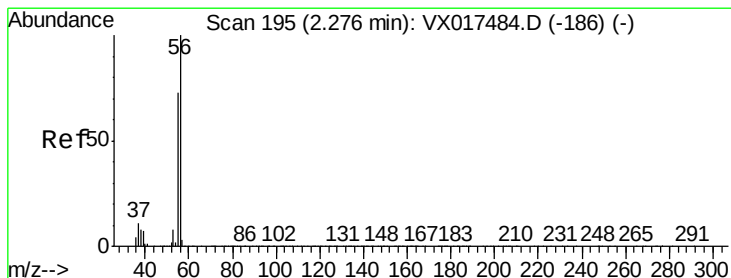
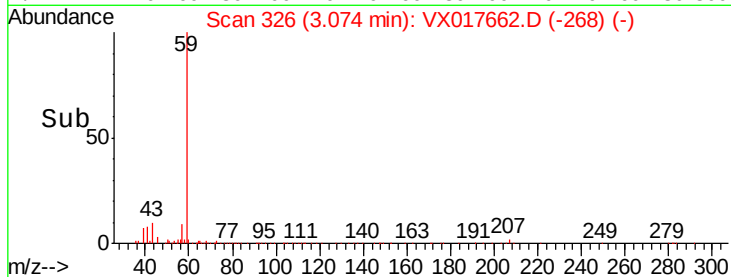
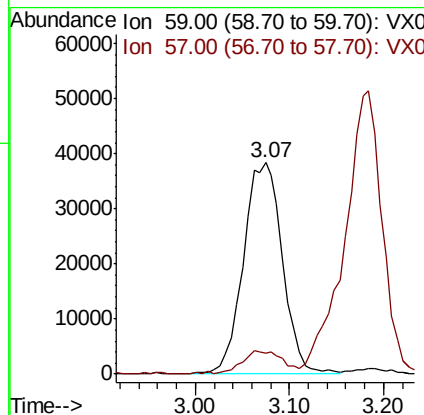
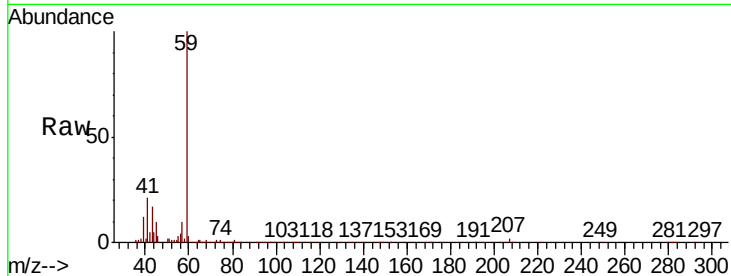


#11

Tert butyl alcohol
 Concen: 78.012 ug/l
 RT: 3.07 min Scan# 326
 Delta R.T. 0.05 min
 Lab File: VX017662.D
 Acq: 28 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :

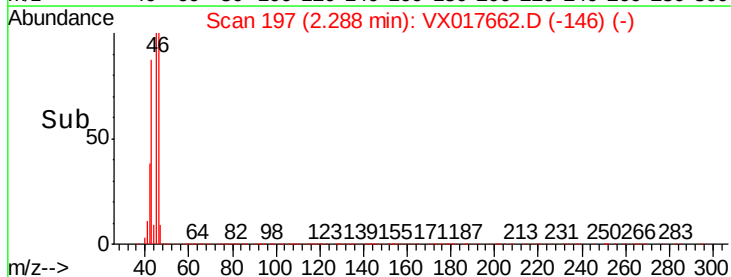
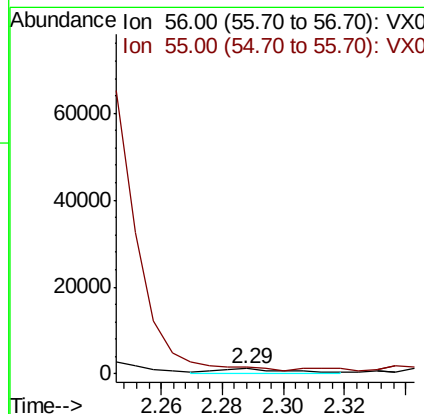
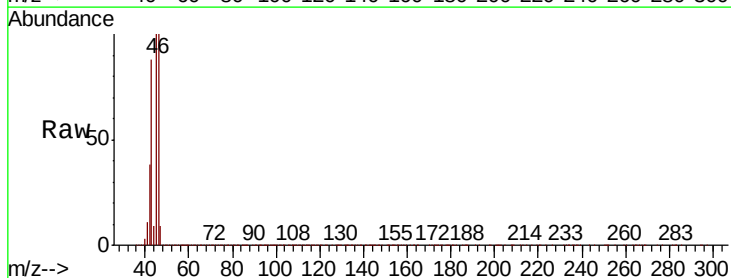
Tot Ion: 59 Resp: 109533
 Ion Ratio Lower Upper
 59 100
 57 12.3 8.6 12.8

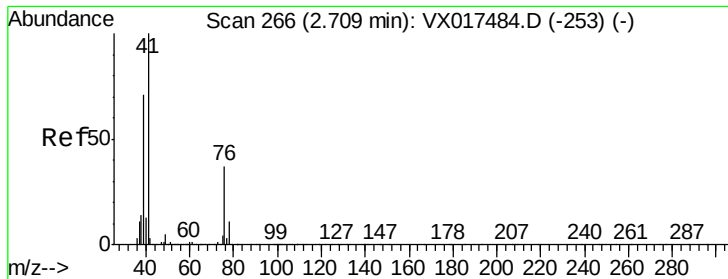


#13

Acrolein
 Concen: 5.624 ug/l
 RT: 2.29 min Scan# 197
 Delta R.T. 0.01 min
 Lab File: VX017662.D
 Acq: 28 Jul 2020 18:44

Tgt Ion: 56 Resp: 1608
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.4 86.2#

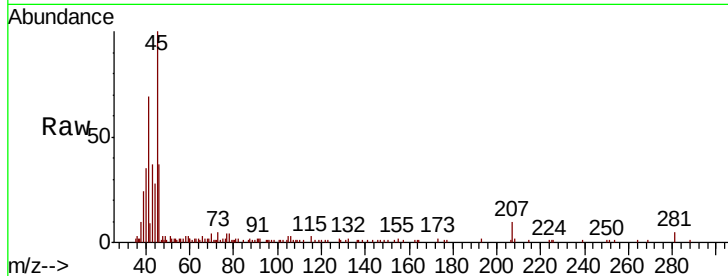




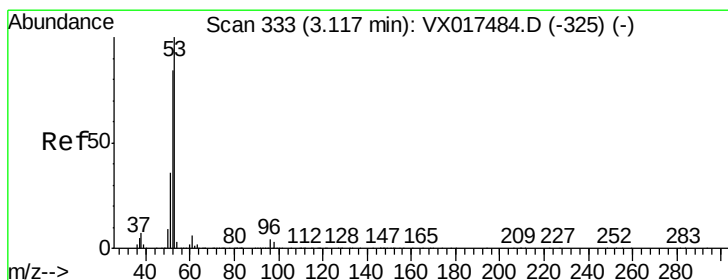
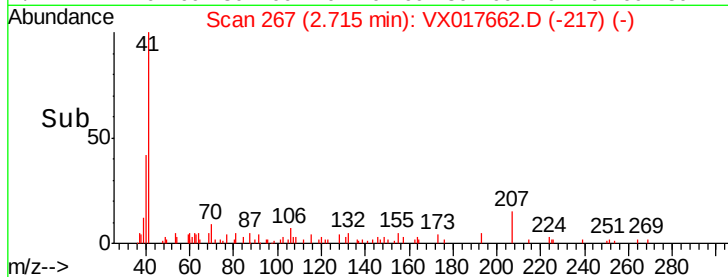
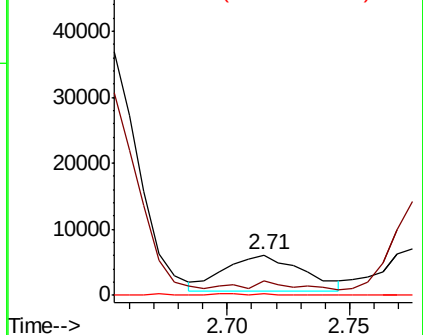
#14
Allvl chloride
Concen: 1.227 ug/l
RT: 2.71 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 12000
Ion Ratio Lower Upper
41 100
39 0.0 51.9 77.9#
76 2.6 25.5 38.3#

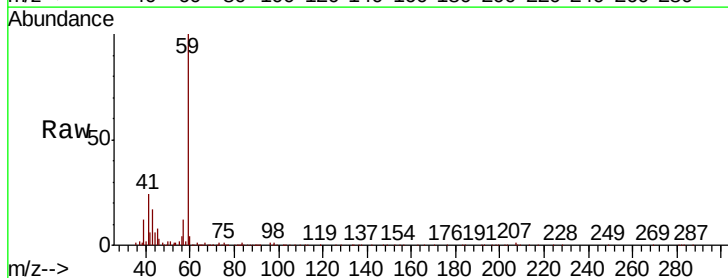


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 75.90 (75.60 to 76.60): VX0

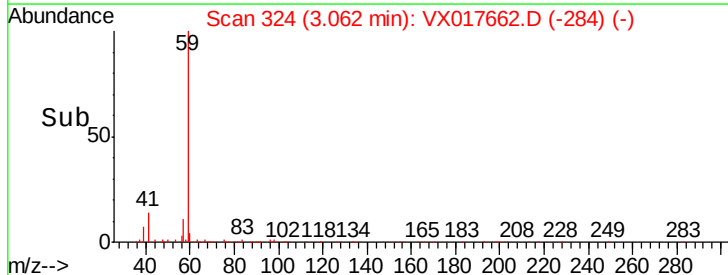
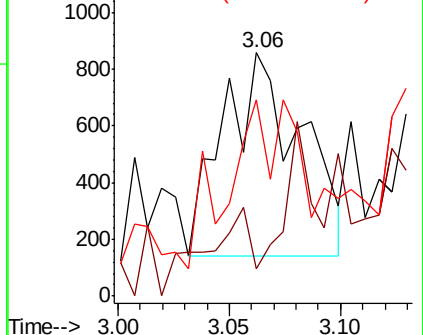


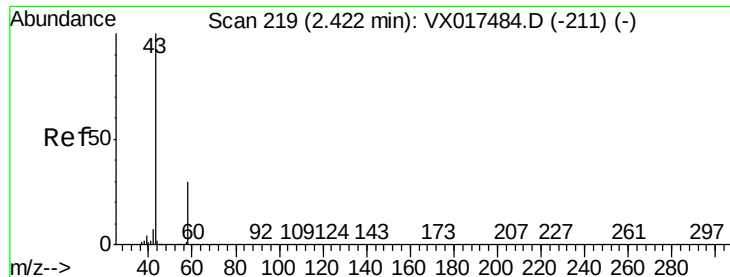
#15
Acrylonitrile
Concen: 0.573 ug/l
RT: 3.06 min Scan# 324
Delta R.T. -0.06 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 53 Resp: 1739
Ion Ratio Lower Upper
53 100
52 26.2 66.6 99.8#
51 38.2 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

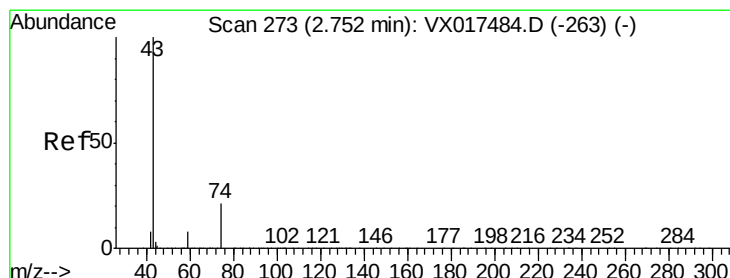
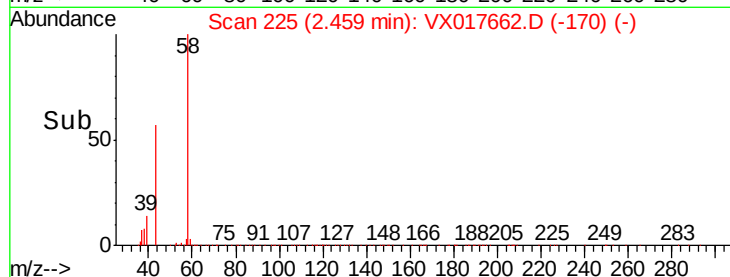
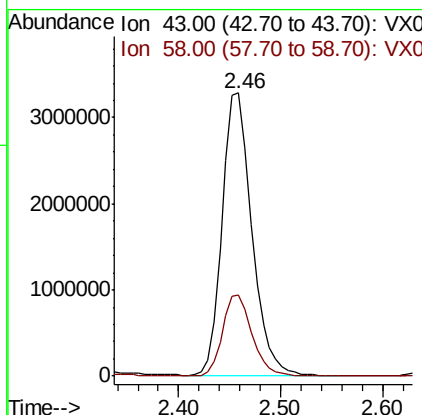
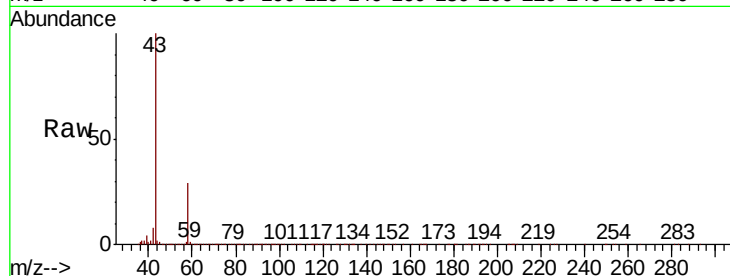




#16
Acetone
Concen: 2253.346 ug/l
RT: 2.46 min Scan# 225
Delta R.T. 0.04 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

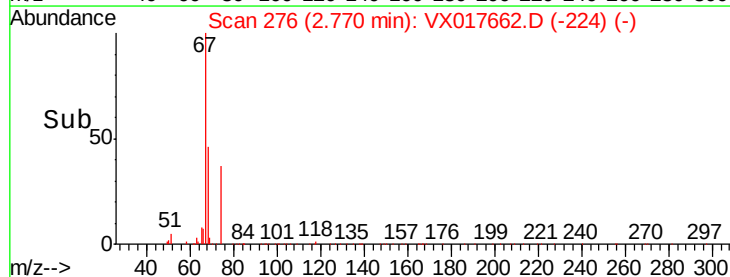
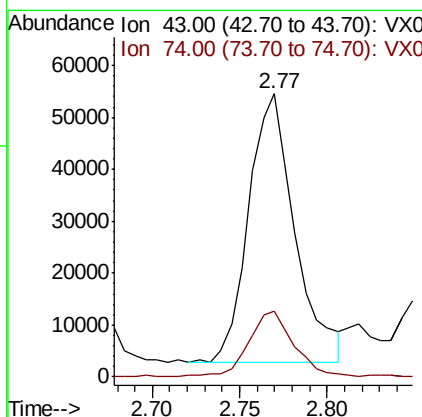
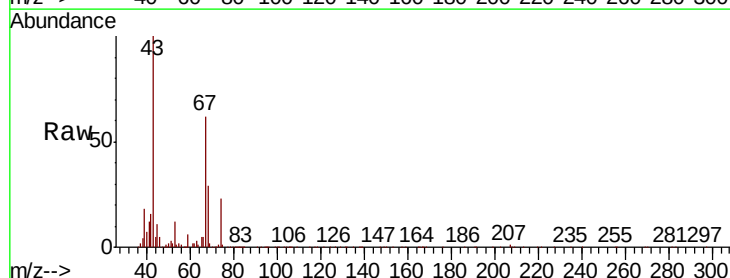
Instrument :
MSVOA_X
ClientSampleId :

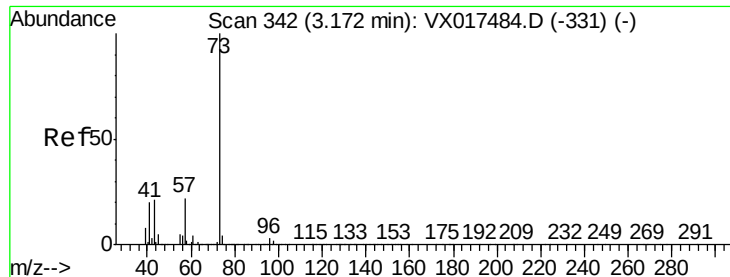
Tot Ion: 43 Resp: 6607110
Ion Ratio Lower Upper
43 100
58 28.7 24.2 36.4



#18
Methyl Acetate
Concen: 13.848 ug/l
RT: 2.77 min Scan# 276
Delta R.T. 0.02 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 43 Resp: 95627
Ion Ratio Lower Upper
43 100
74 23.8 17.5 26.3

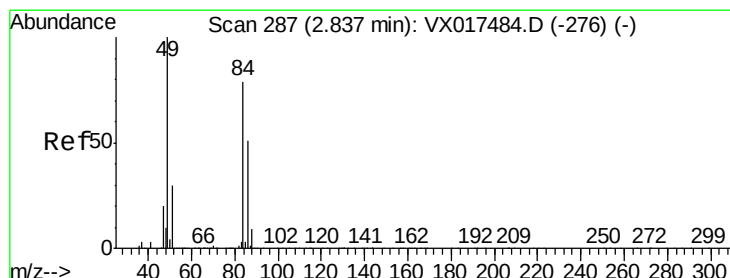
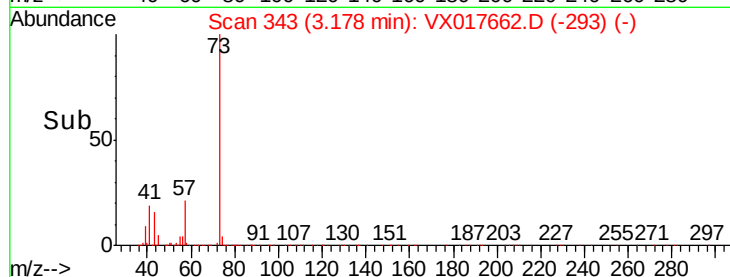
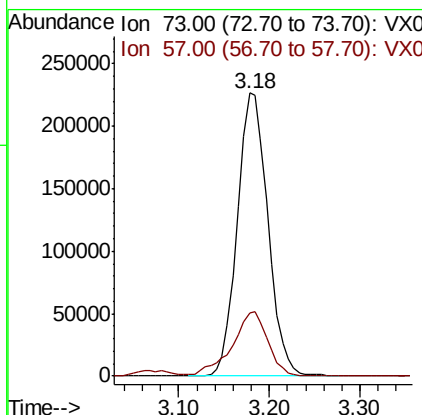
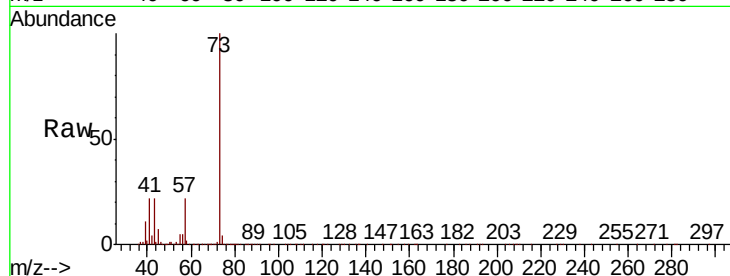




#19
Methyl tert-butyl Ether
Concen: 28.454 ug/l
RT: 3.18 min Scan# 343
Delta R.T. 0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

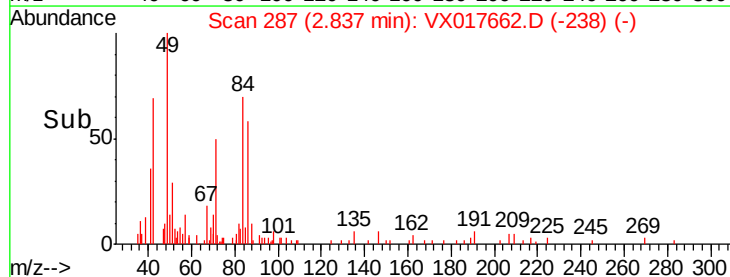
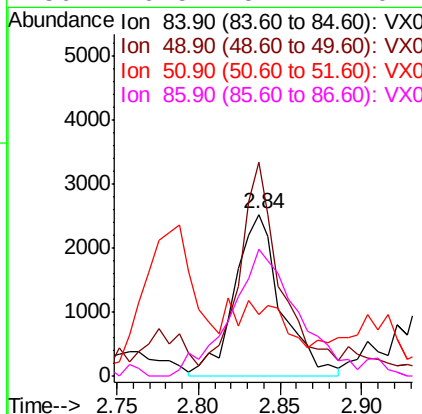
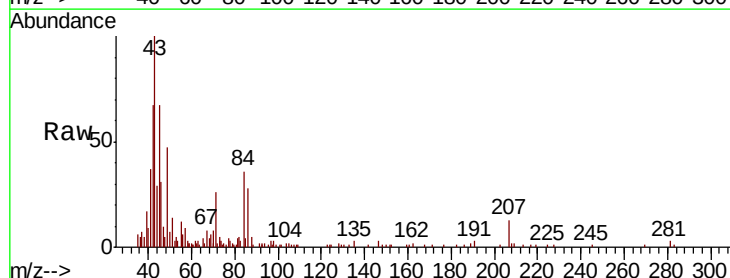
Instrument :
MSVOA_X
ClientSampled :

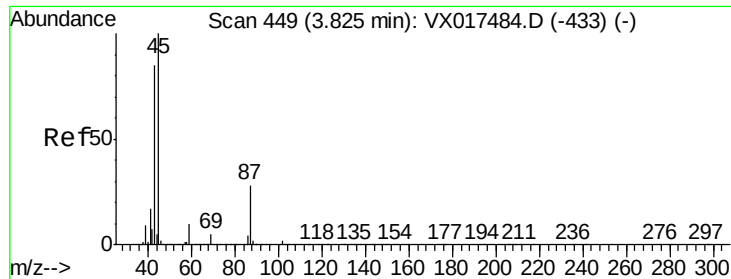
Tot Ion: 73 Resp: 527557
Ion Ratio Lower Upper
73 100
57 22.2 17.0 25.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 84 Resp: 5026
Ion Ratio Lower Upper
84 100
49 126.1 100.3 150.5
51 14.3 30.5 45.7#
86 70.5 51.1 76.7





#22

Diisopropyl ether

Concen: 8.595 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 45 Resp: 153711

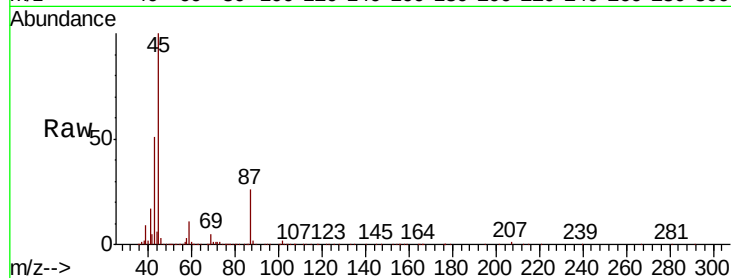
Ion Ratio Lower Upper

45 100

43 51.0 52.0 78.0#

87 25.6 22.2 33.4

59 11.1 8.9 13.3

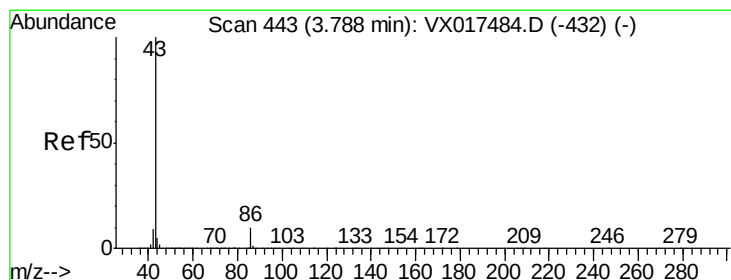
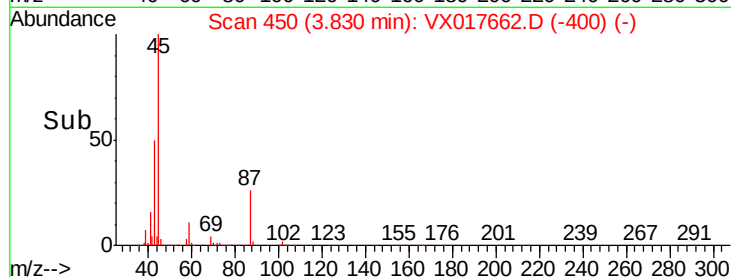
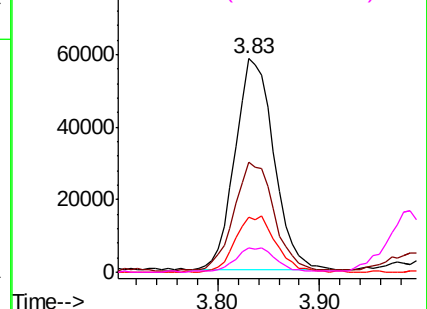


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 5.188 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.04 min

Lab File: VX017662.D

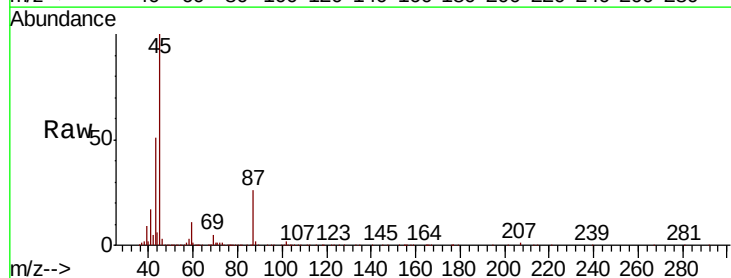
Acq: 28 Jul 2020 18:44

Tgt Ion: 43 Resp: 82725

Ion Ratio Lower Upper

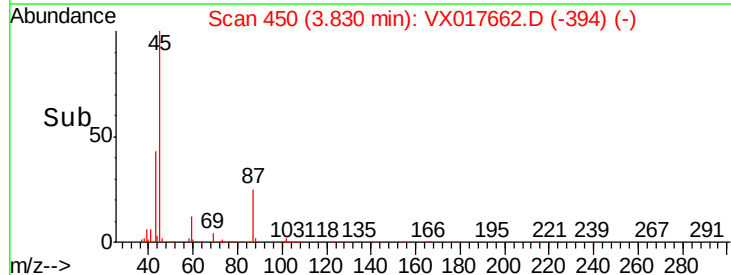
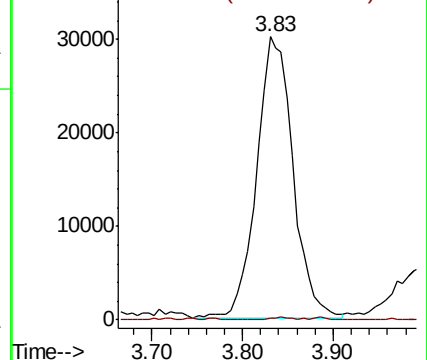
43 100

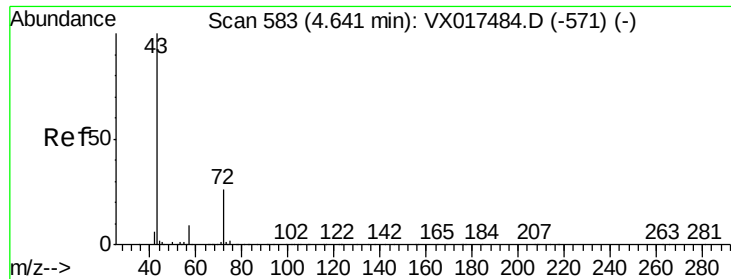
86 0.8 8.2 12.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

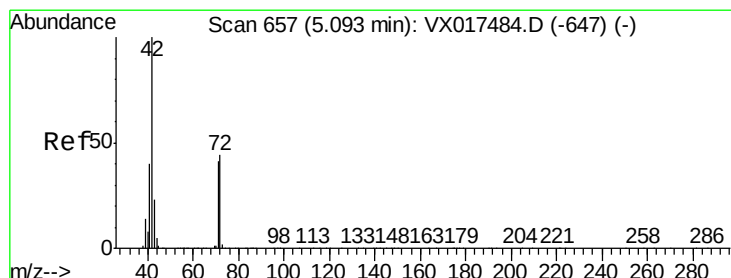
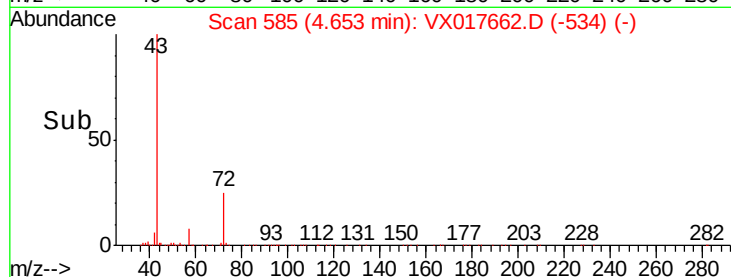
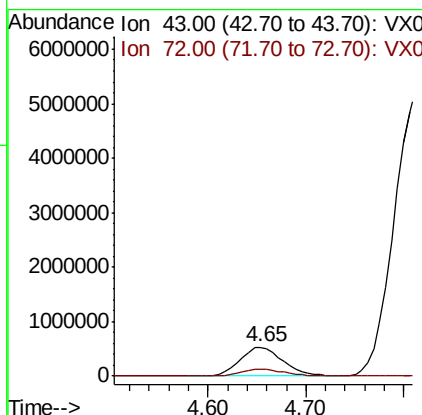
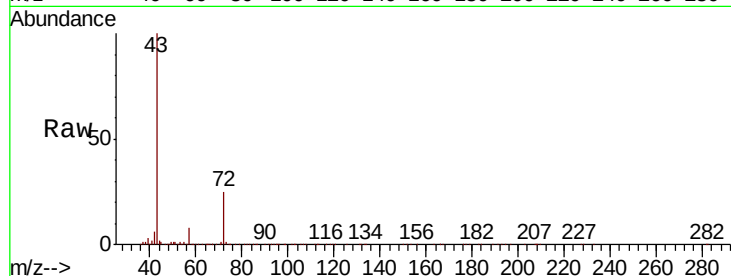




#25
2-Butanone
Concen: 391.788 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

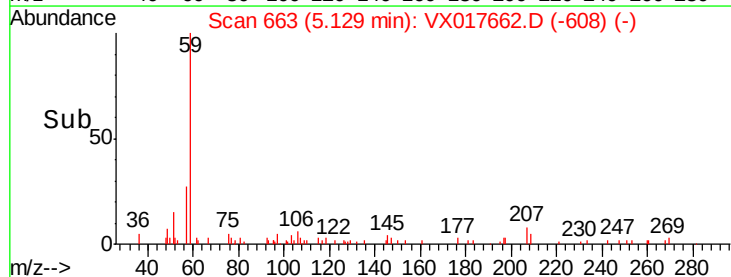
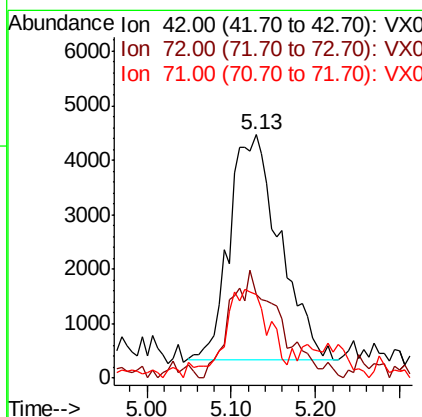
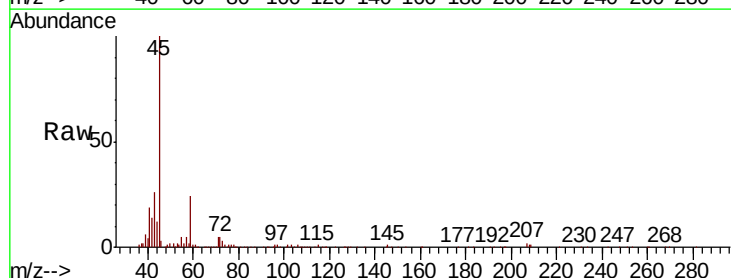
Instrument :
MSVOA_X
ClientSampleId :

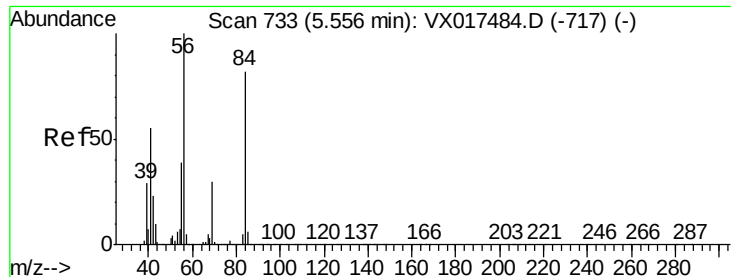
Tot Ion: 43 Resp: 1631953
Ion Ratio Lower Upper
43 100
72 25.2 19.0 28.4



#29
Tetrahydrofuran
Concen: 6.505 ug/l
RT: 5.13 min Scan# 663
Delta R.T. 0.04 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 42 Resp: 16783
Ion Ratio Lower Upper
42 100
72 46.3 35.5 53.3
71 25.8 33.0 49.4#

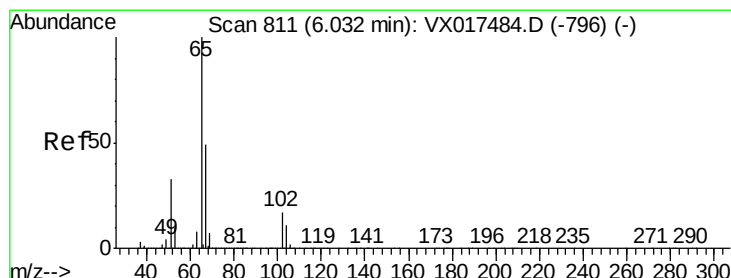
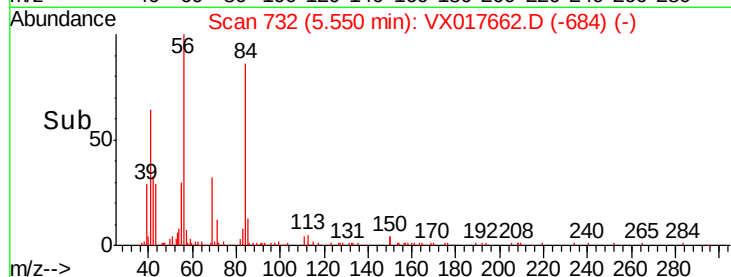
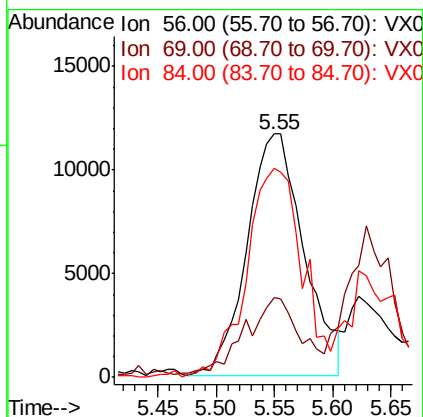
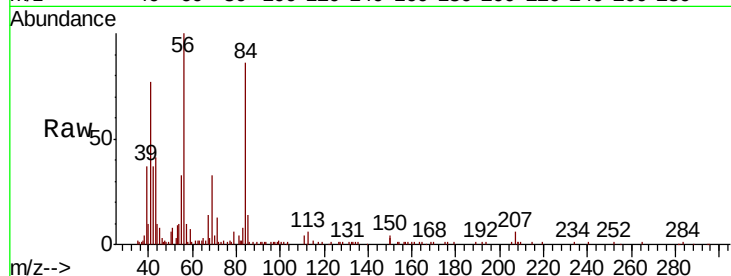




#31
Cyclohexane
Concen: 4.800 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

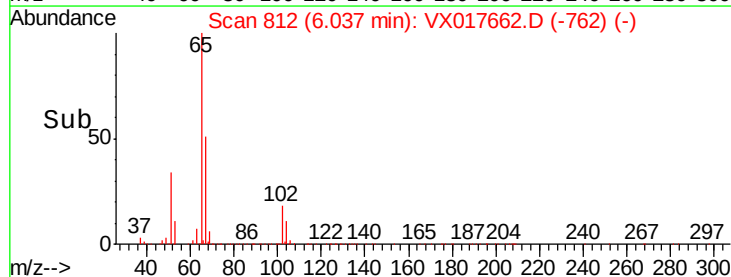
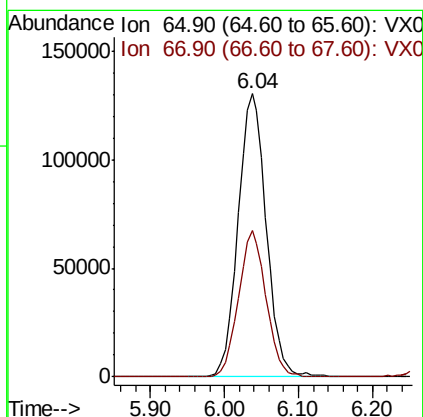
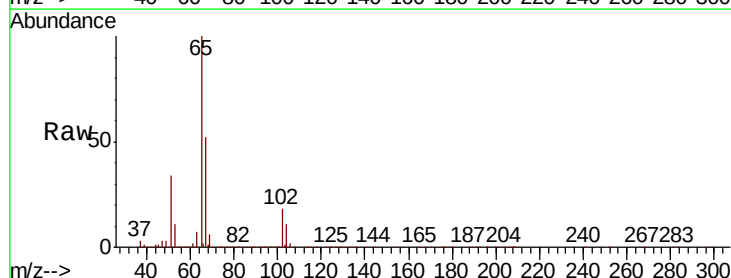
Instrument :
MSVOA_X
ClientSampleId :

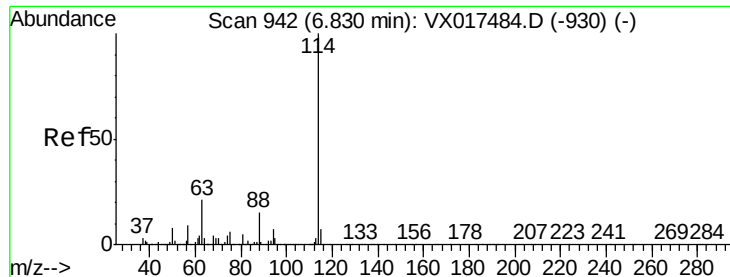
Tot Ion: 56 Resp: 39434
Ion Ratio Lower Upper
56 100
69 31.0 24.2 36.4
84 85.4 69.0 103.6



#33
1,2-Dichloroethane-d4
Concen: 51.735 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 65 Resp: 344653
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.8

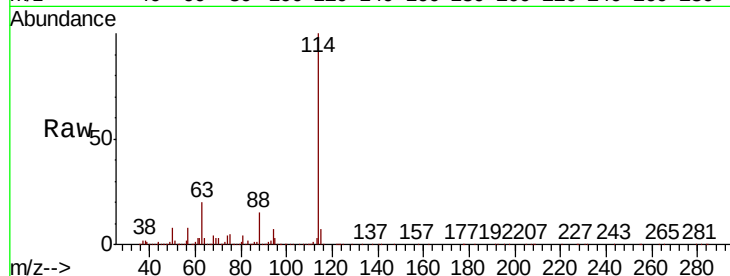




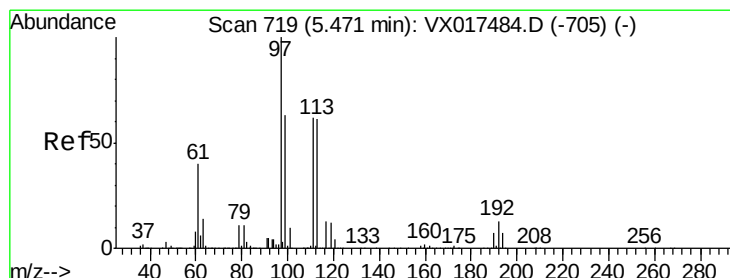
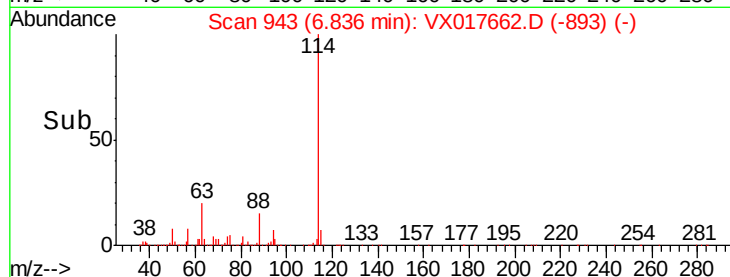
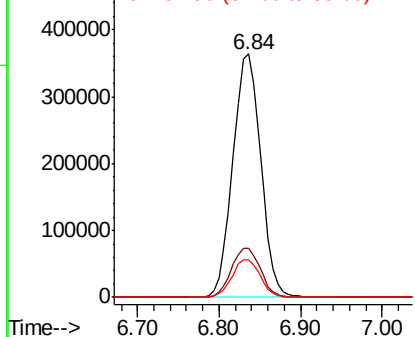
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.84 min Scan# 943
Delta R.T. 0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.6
88	15.4	0.0	33.4

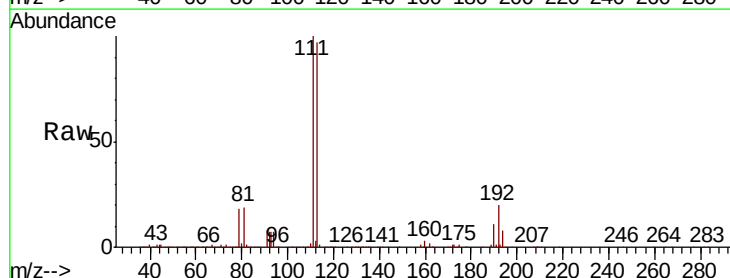


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

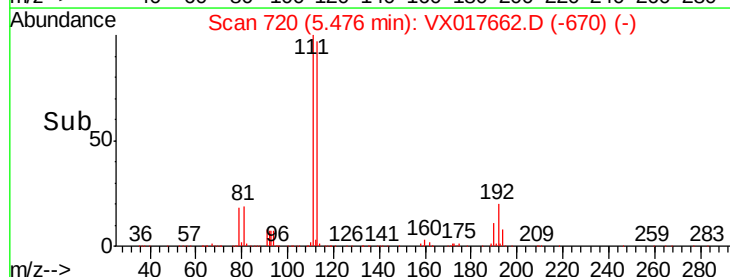
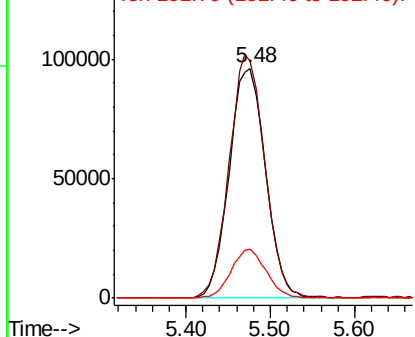


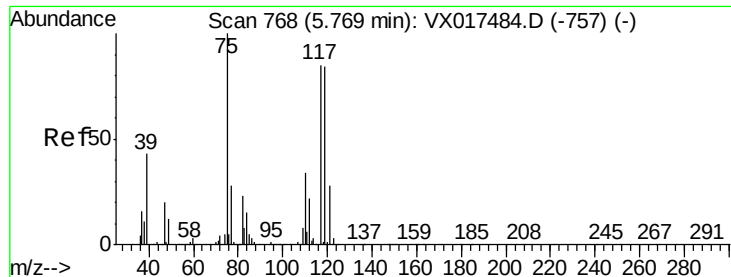
#35
Dibromofluoromethane
Concen: 48.887 ug/l
RT: 5.48 min Scan# 720
Delta R.T. 0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.7	121.1
192	20.6	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

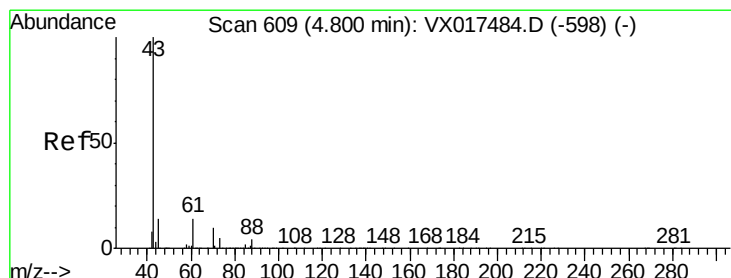
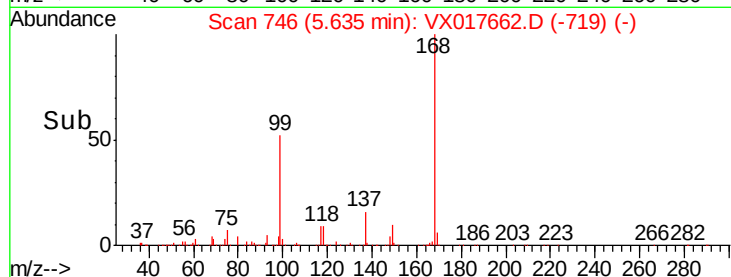
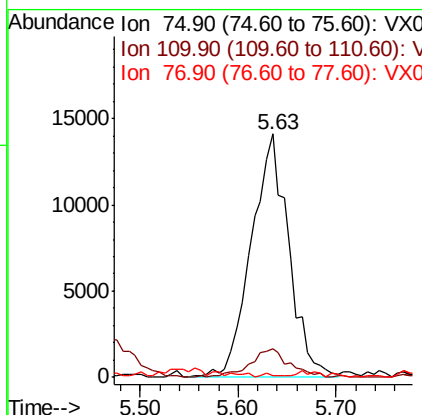
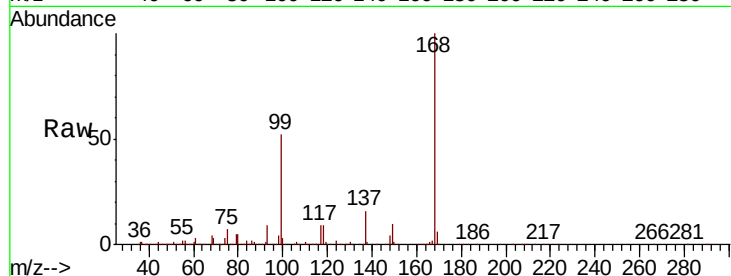




#36
 1,1-Dichloropropene
 Concen: 4.526 ug/l
 RT: 5.63 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX017662.D
 Acq: 28 Jul 2020 18:44

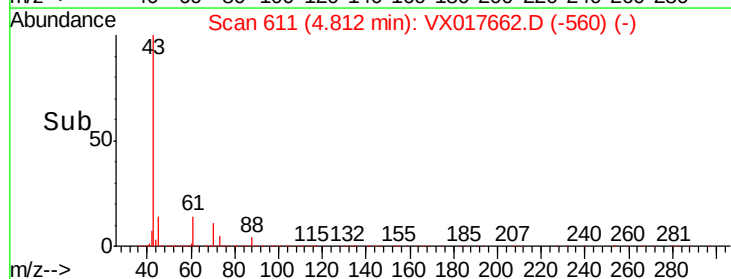
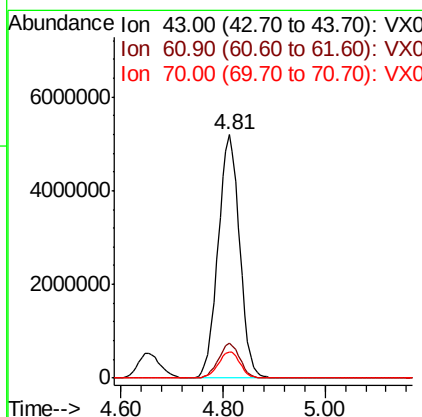
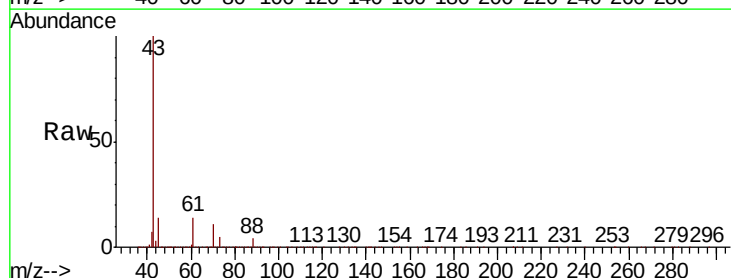
Instrument :
 MSVOA_X
 ClientSampleId :

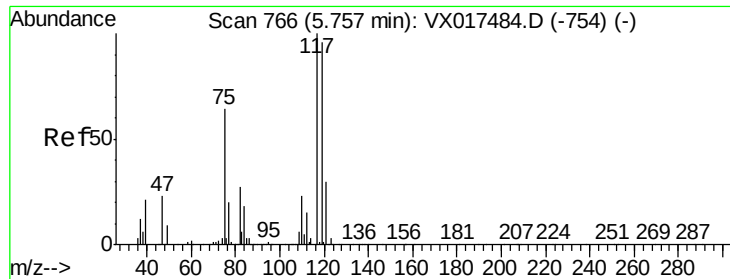
Tot Ion: 75 Resp: 37370
 Ion Ratio Lower Upper
 75 100
 110 12.3 18.1 54.3#
 77 0.0 24.6 37.0#



#37
 Ethyl Acetate
 Concen: 1675.976 ug/l
 RT: 4.81 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VX017662.D
 Acq: 28 Jul 2020 18:44

Tgt Ion: 43 Resp:15139446
 Ion Ratio Lower Upper
 43 100
 61 14.2 10.7 16.1
 70 11.0 8.5 12.7





#38

Carbon Tetrachloride

Concen: 4.916 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

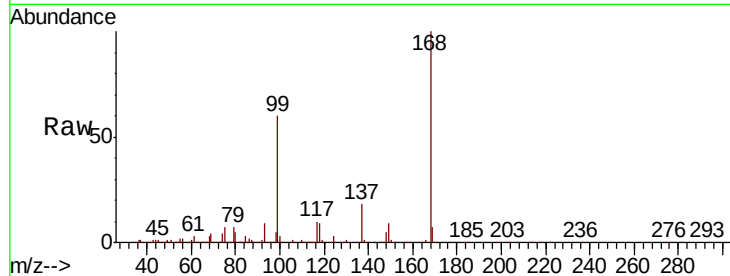
Tot Ion:117 Resp: 49282

Ion Ratio Lower Upper

117 100

119 5.0 75.4 113.0#

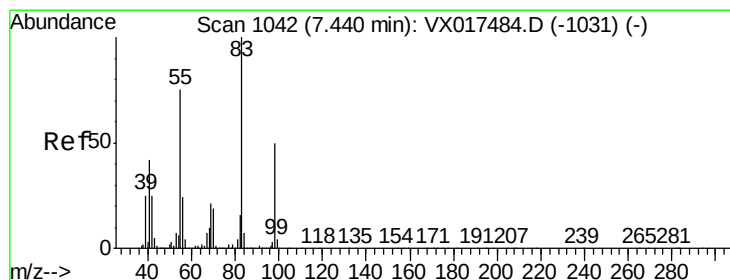
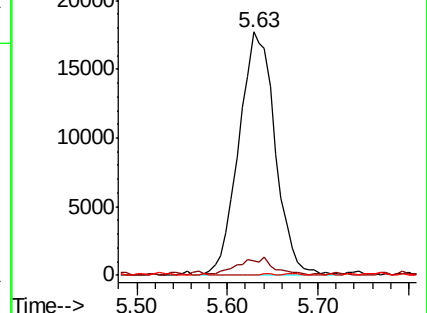
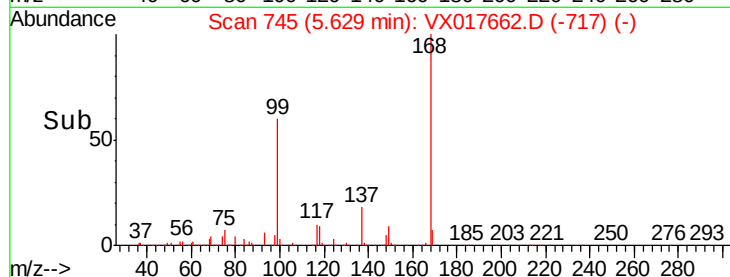
121 0.0 24.3 36.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.776 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

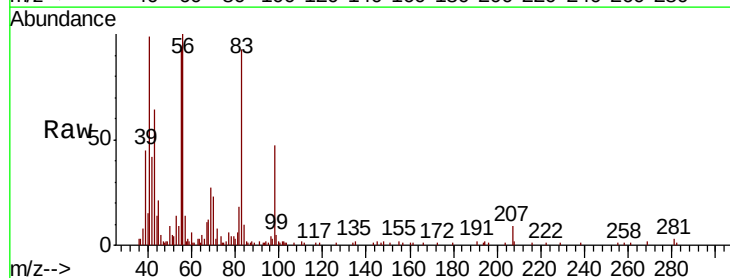
Tgt Ion: 83 Resp: 17114

Ion Ratio Lower Upper

83 100

55 84.7 61.8 92.8

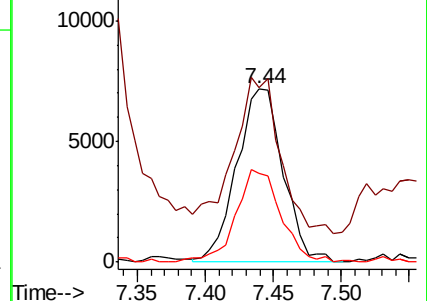
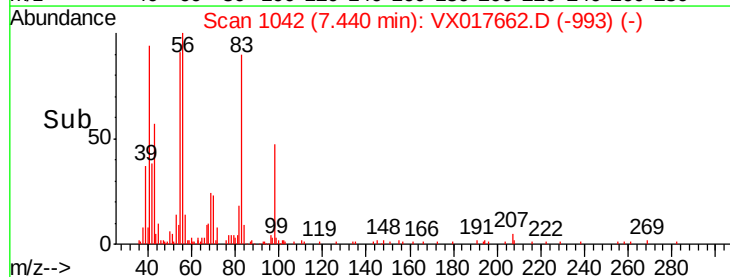
98 50.3 36.9 55.3

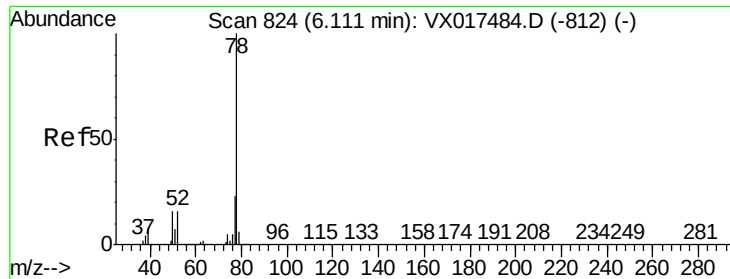


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 474.383 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

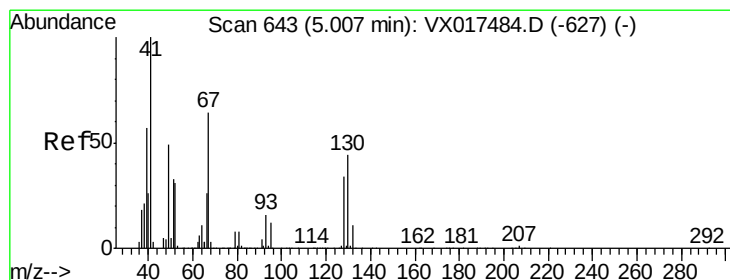
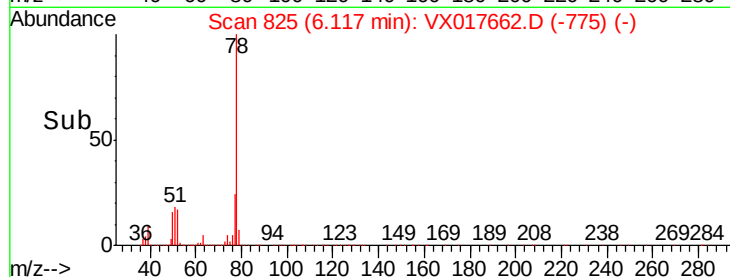
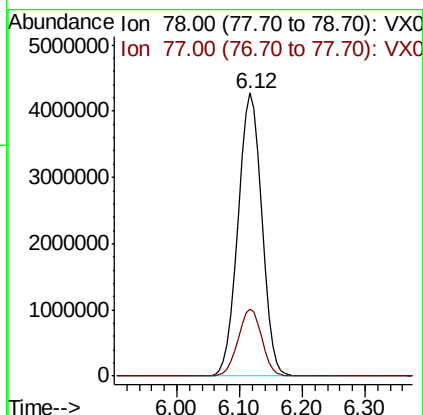
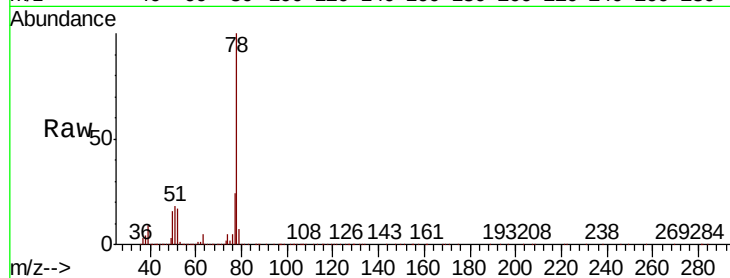
ClientSampleId :

Tot Ion: 78 Resp:11228323

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.2



#41

Methacrylonitrile

Concen: 7.083 ug/l

RT: 5.15 min Scan# 667

Delta R.T. 0.15 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Tgt Ion: 41 Resp: 36674

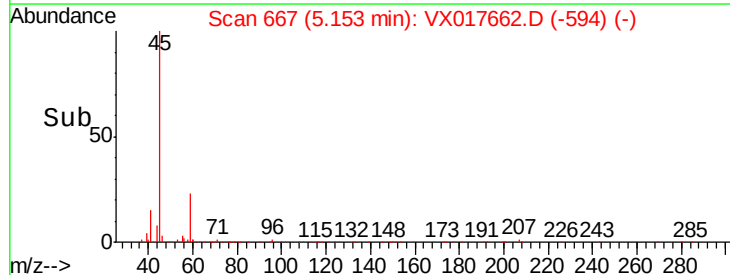
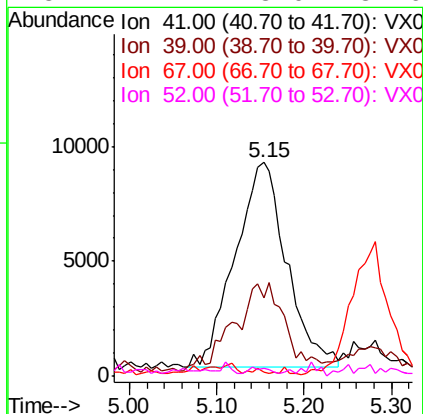
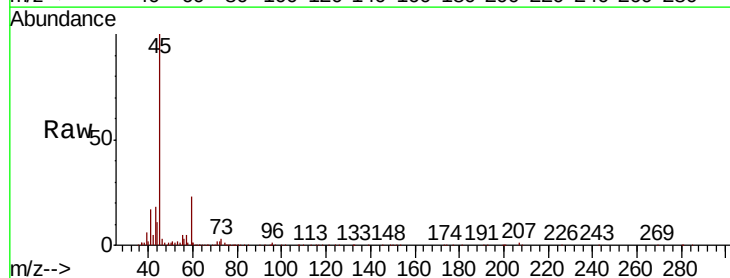
Ion Ratio Lower Upper

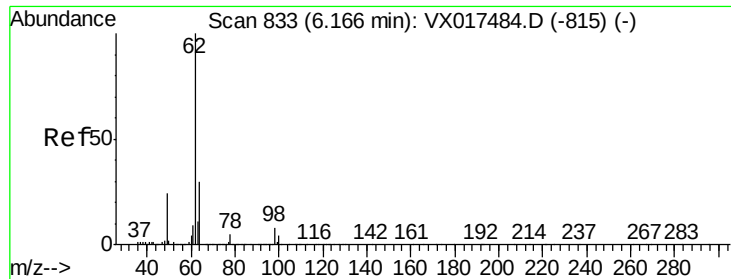
41 100

39 43.4 43.9 65.9#

67 0.0 54.0 81.0#

52 1.1 23.0 34.6#





#42

1,2-Dichloroethane

Concen: 10.841 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.05 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

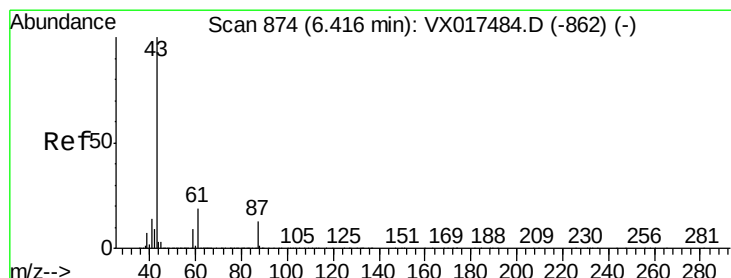
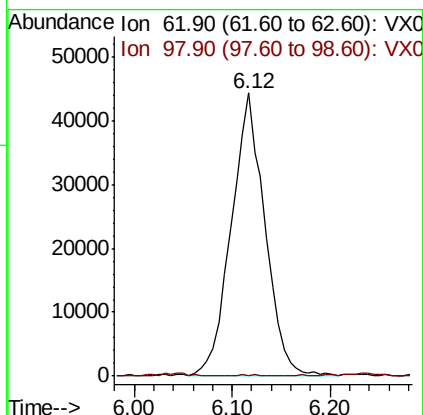
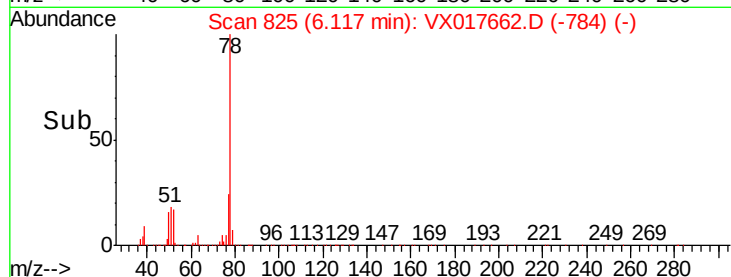
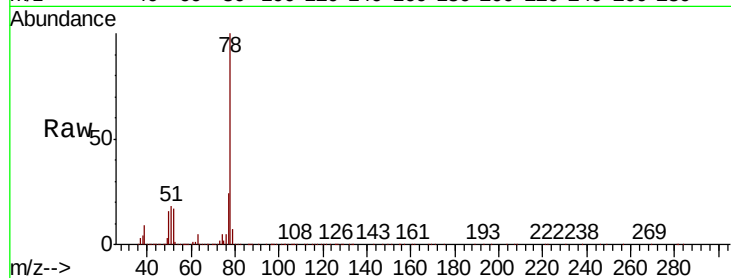
ClientSampleId :

Tot Ion: 62 Resp: 104977

Ion Ratio Lower Upper

62 100

98 0.3 0.0 16.0



#43

Isopropyl Acetate

Concen: 1.800 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

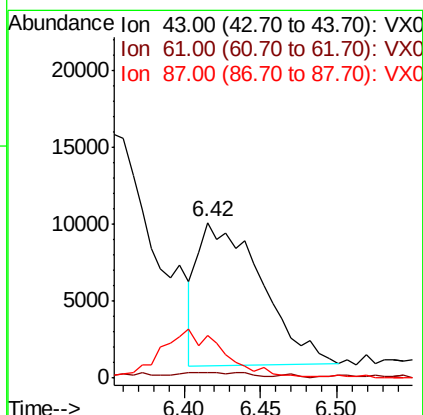
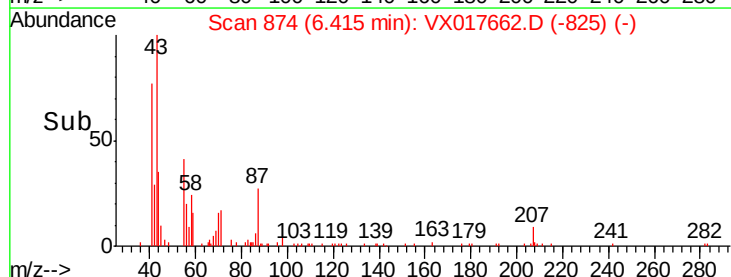
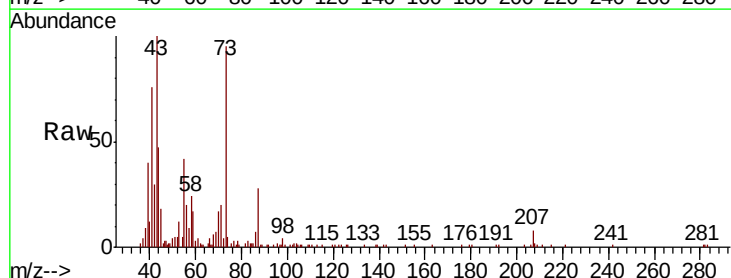
Tgt Ion: 43 Resp: 26821

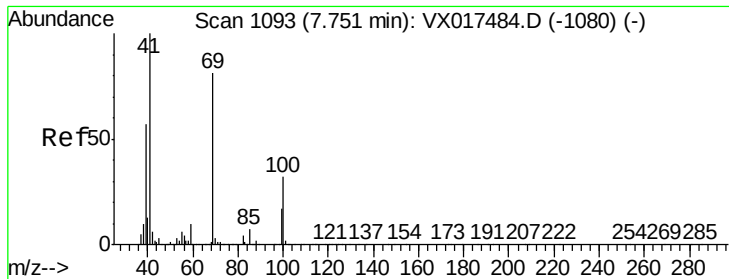
Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

87 34.7 10.5 15.7#





#48

Methvl methacrylate

Concen: 0.652 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.04 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

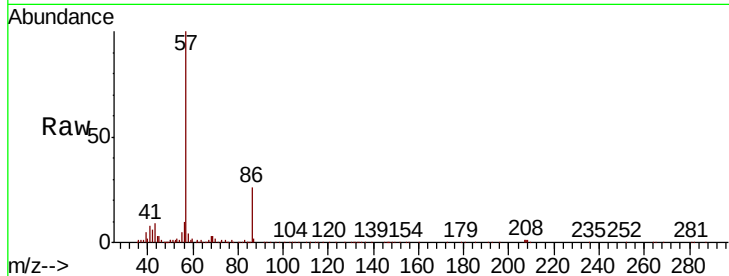
Tot Ion: 41 Resp: 4818

Ion Ratio Lower Upper

41 100

69 83.3 63.1 94.7

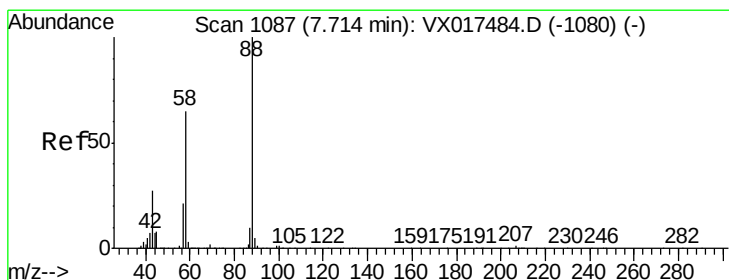
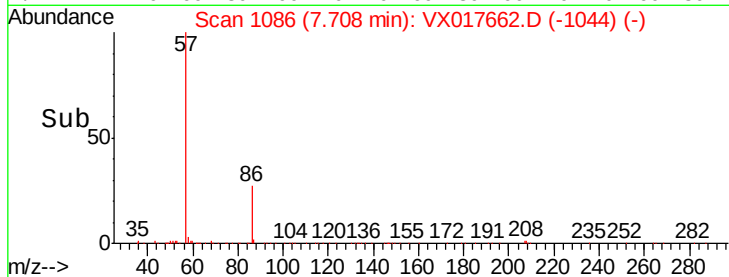
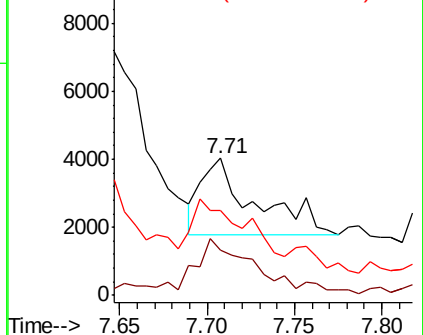
39 98.9 45.1 67.7#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#49

1,4-Dioxane

Concen: 2.598 ug/l

RT: 7.70 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

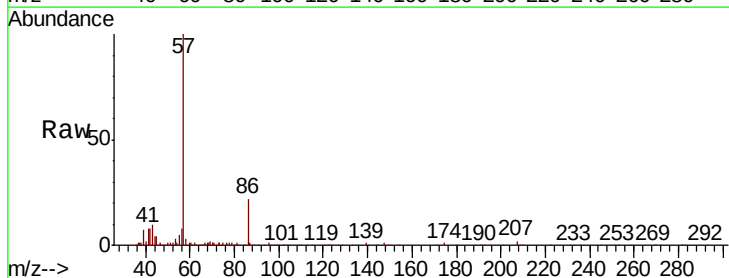
Tgt Ion: 88 Resp: 368

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.6#

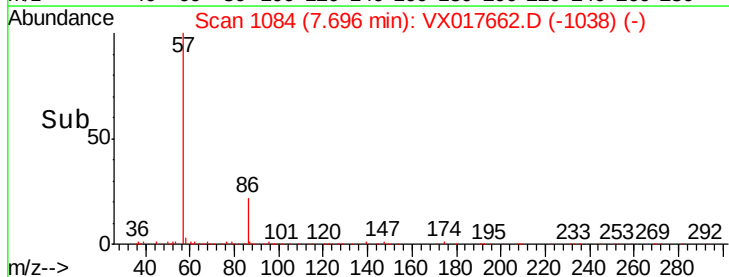
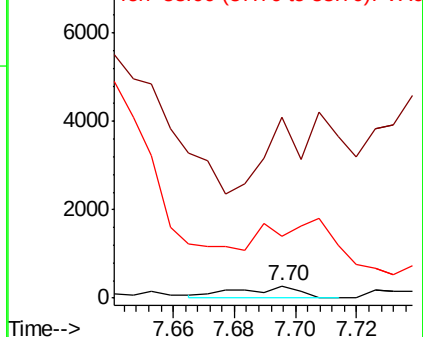
58 570.1 58.3 87.5#

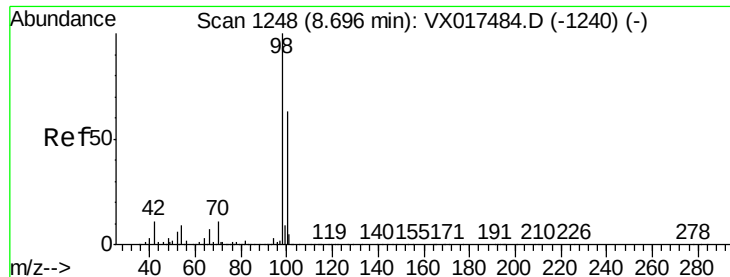


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.885 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

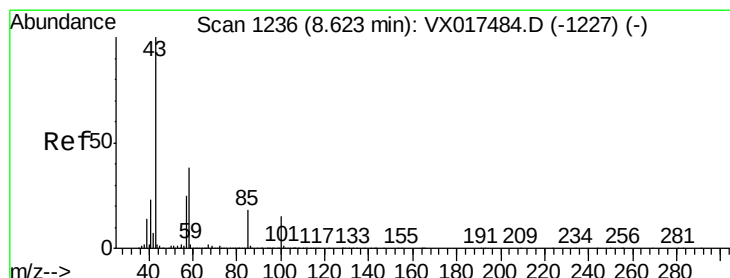
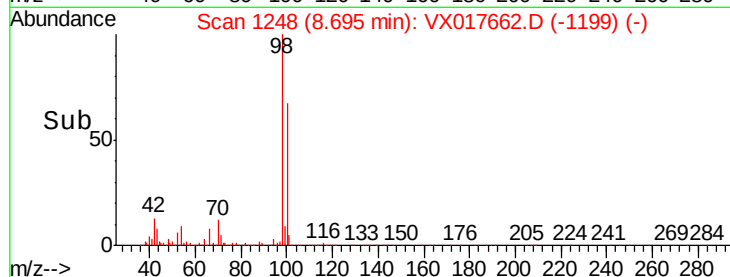
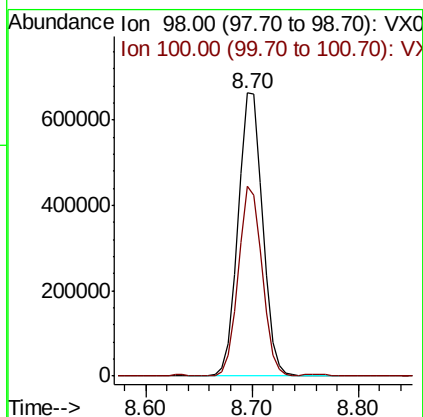
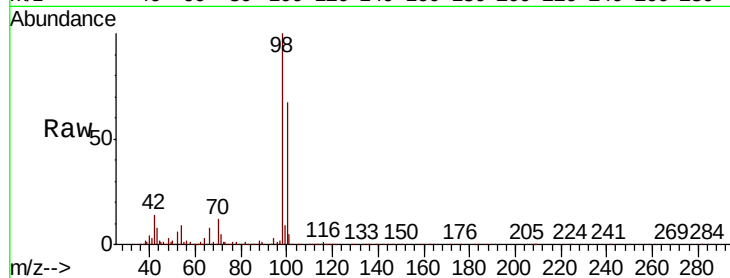
ClientSampleId :

Tot Ion: 98 Resp: 1077578

Ion Ratio Lower Upper

98 100

100 64.9 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 3.844 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX017662.D

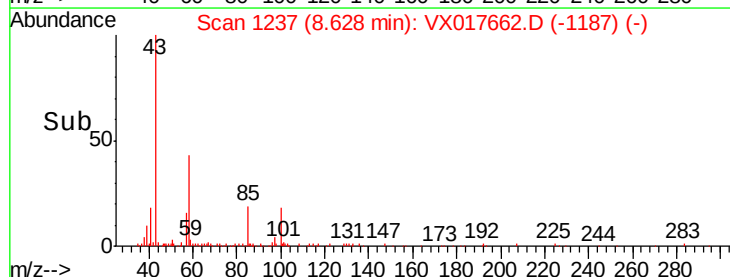
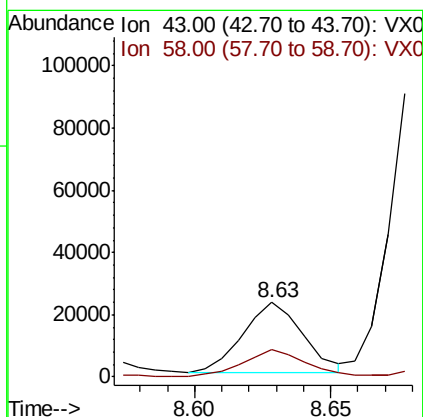
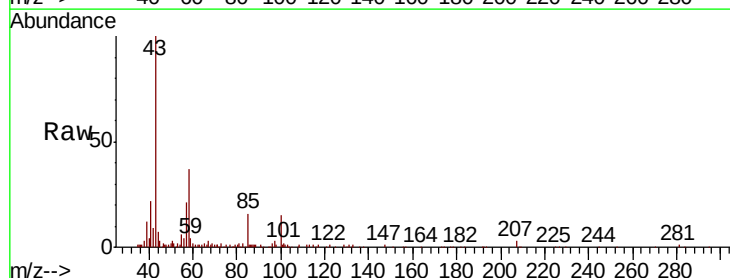
Acq: 28 Jul 2020 18:44

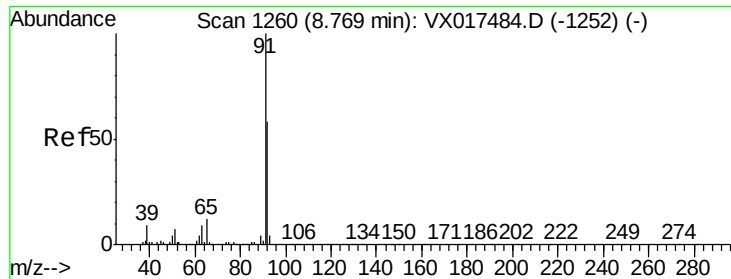
Tgt Ion: 43 Resp: 34181

Ion Ratio Lower Upper

43 100

58 40.4 31.0 46.4





#52

Toluene

Concen: 773.977 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

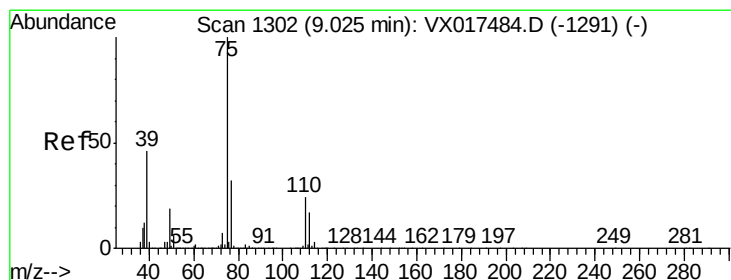
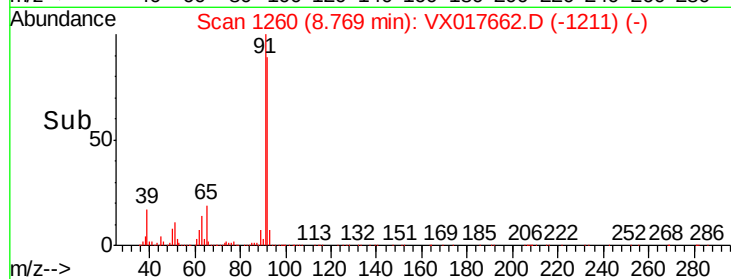
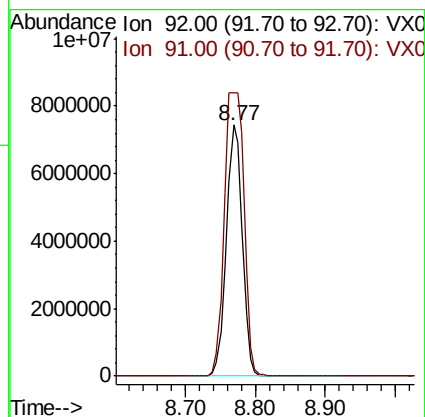
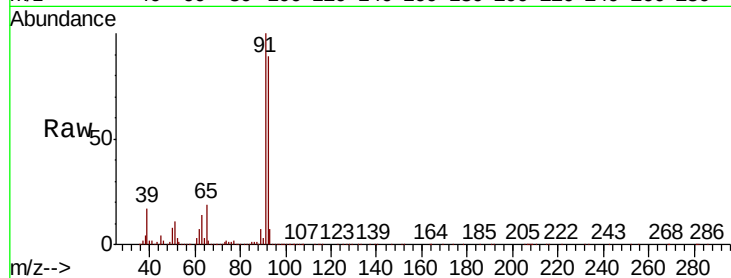
ClientSampleId :

Tot Ion: 92 Resp: 11748637

Ion Ratio Lower Upper

92 100

91 140.7 137.6 206.4



#53

t-1,3-Dichloropropene

Concen: 14.716 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.26 min

Lab File: VX017662.D

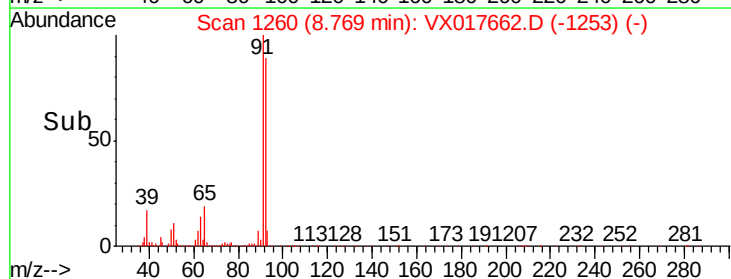
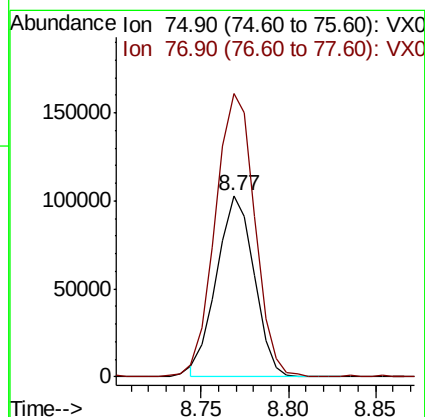
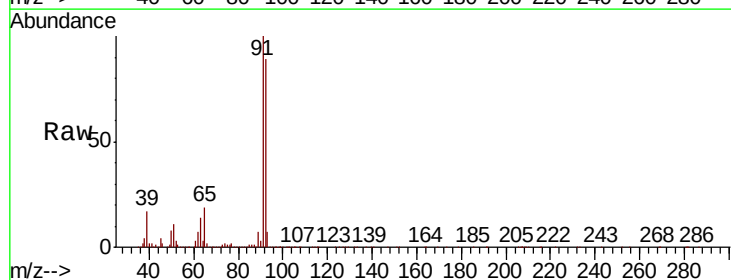
Acq: 28 Jul 2020 18:44

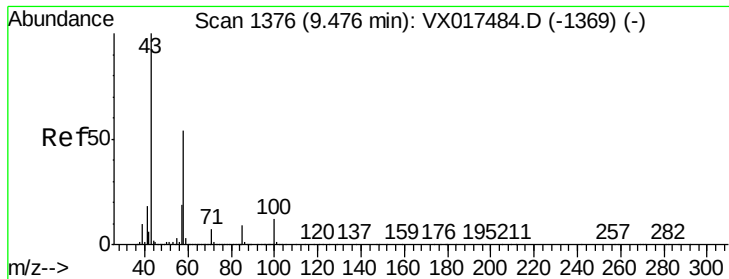
Tgt Ion: 75 Resp: 153704

Ion Ratio Lower Upper

75 100

77 155.7 25.5 38.3#

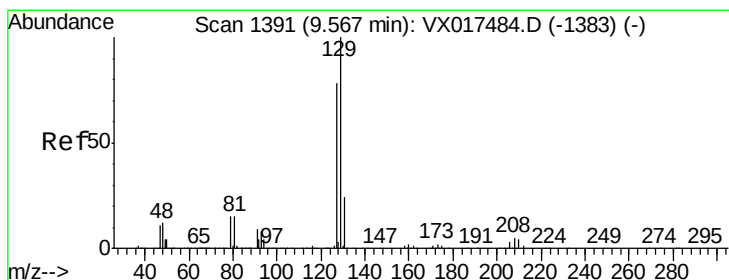
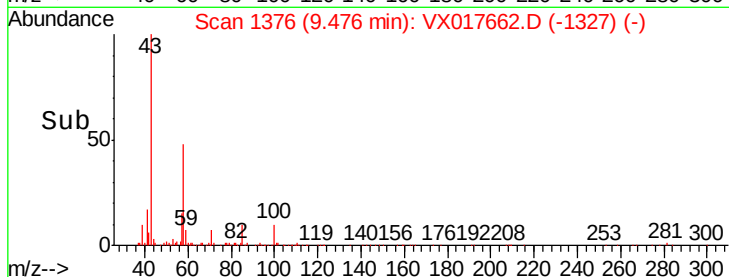
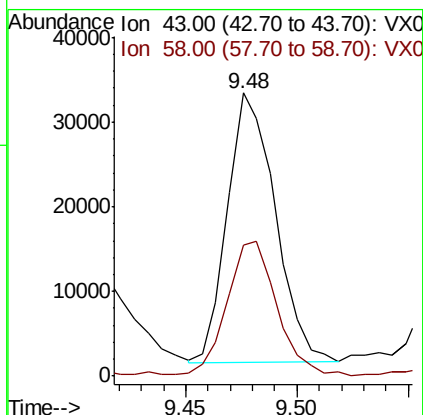
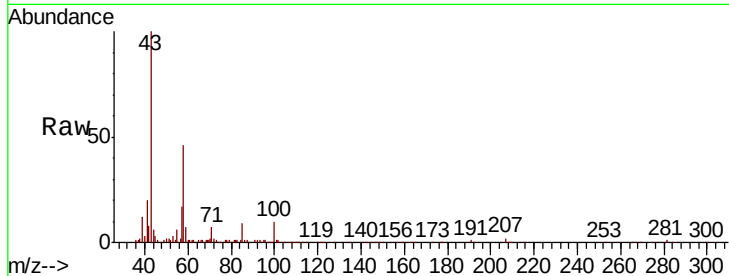




#59
2-Hexanone
Concen: 7.098 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

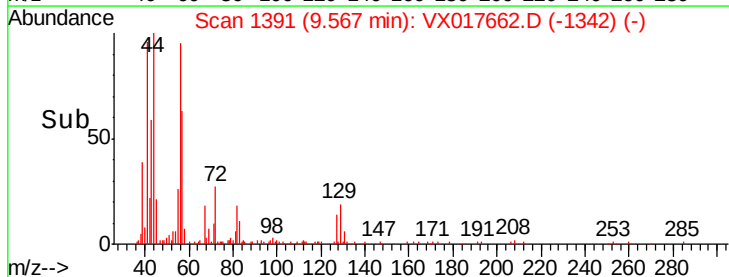
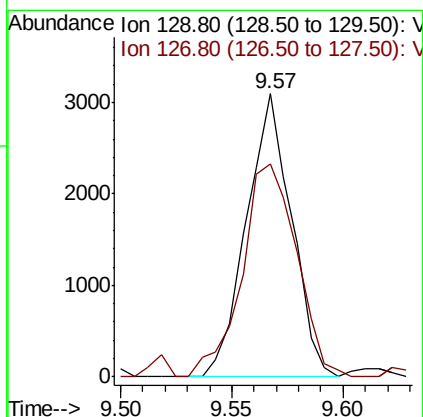
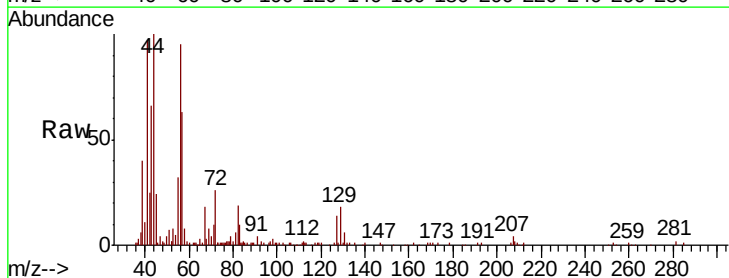
Instrument :
MSVOA_X
ClientSampleId :

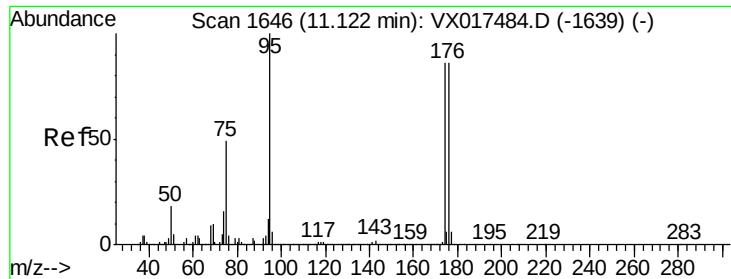
Tot Ion: 43 Resp: 47524
Ion Ratio Lower Upper
43 100
58 51.7 26.6 79.8



#60
Dibromochloromethane
Concen: 0.541 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 129 Resp: 4351
Ion Ratio Lower Upper
129 100
127 91.6 38.4 115.1





#62

4-Bromofluorobenzene

Concen: 57.515 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampled :

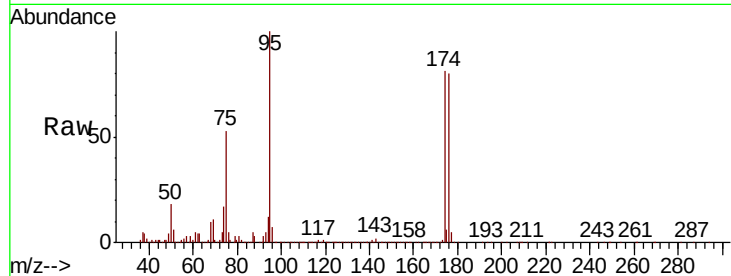
Tot Ion: 95 Resp: 478042

Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

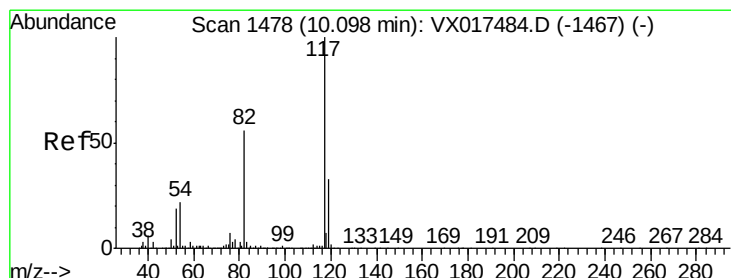
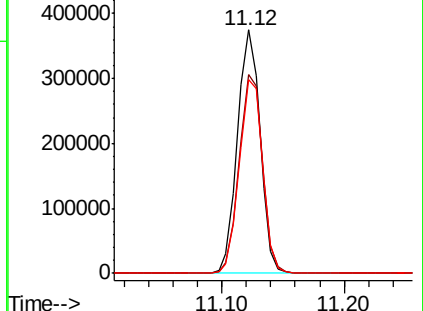
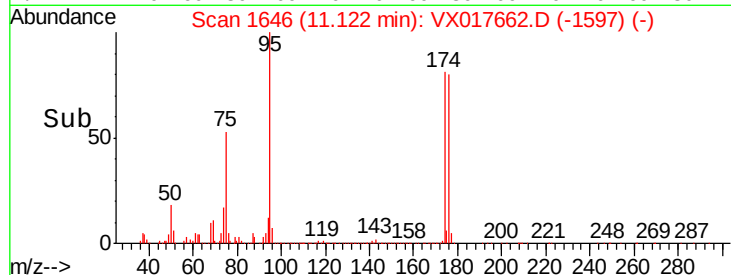
176 81.9 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX017662.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX017662.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX017662.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

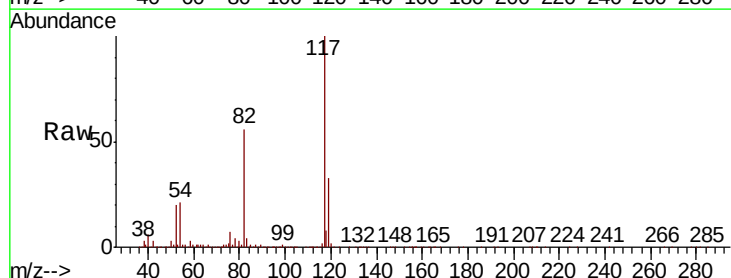
Tgt Ion: 117 Resp: 902100

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

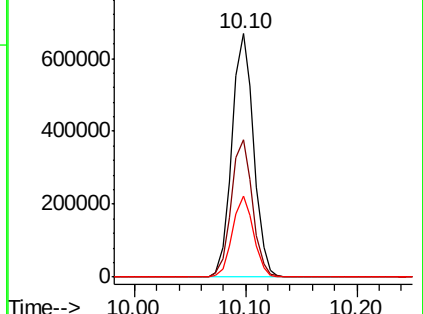
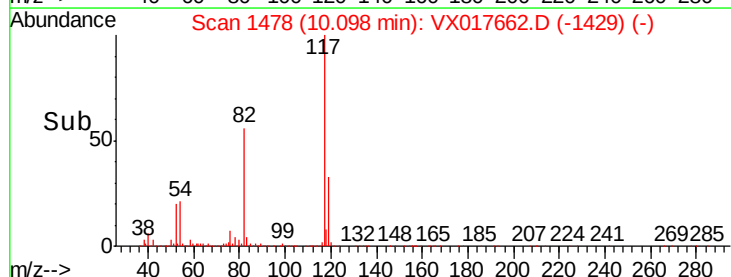
119 33.2 25.4 38.0

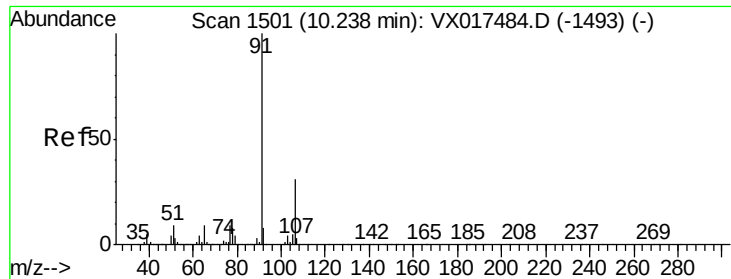


Abundance Ion 116.90 (116.60 to 117.60): VX017662.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX017662.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX017662.D (-1429) (-)

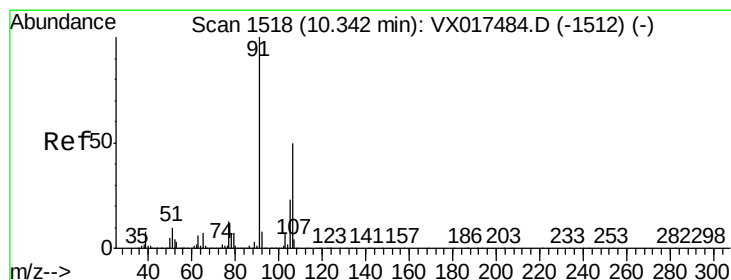
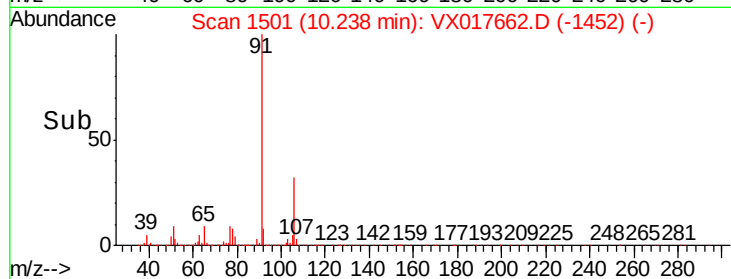
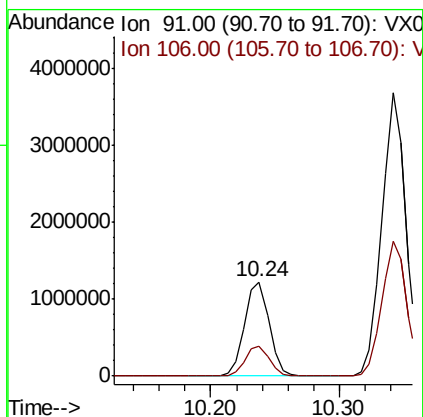
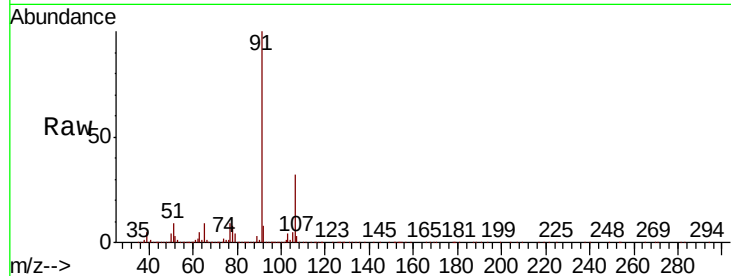




#67
Ethyl Benzene
Concen: 49.429 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

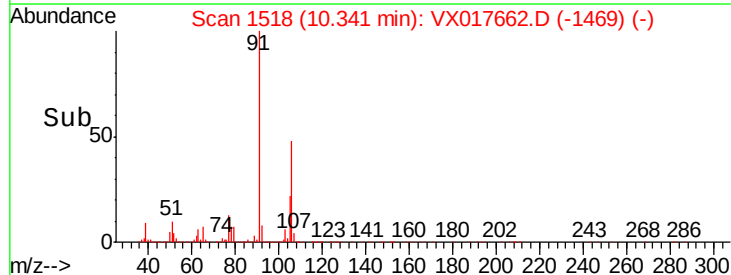
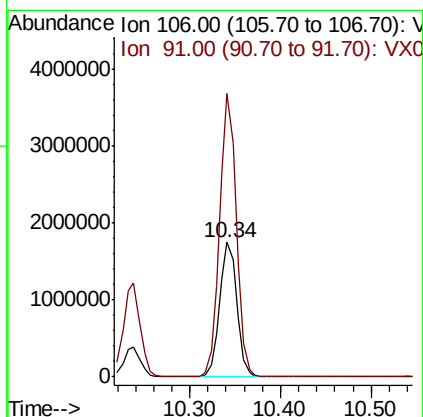
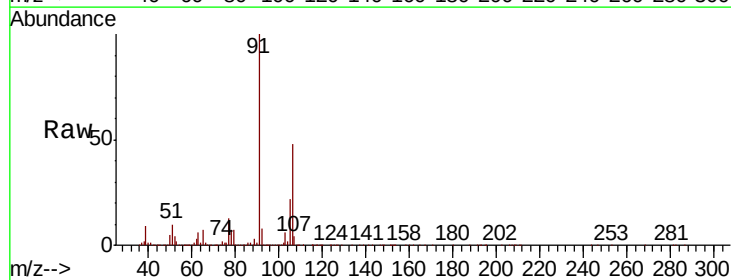
Instrument :
MSVOA_X
ClientSampleId :

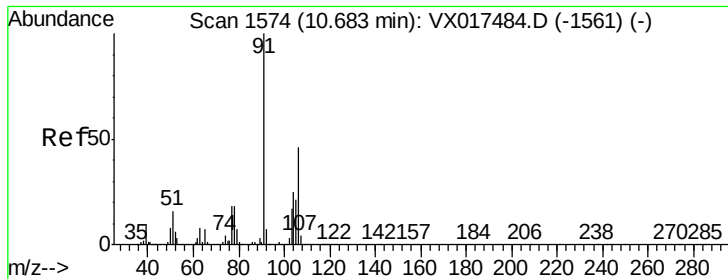
Tot Ion: 91 Resp: 1611105
Ion Ratio Lower Upper
91 100
106 32.5 25.8 38.6



#68
m/p-Xylenes
Concen: 183.363 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 106 Resp: 2315326
Ion Ratio Lower Upper
106 100
91 205.0 160.9 241.3

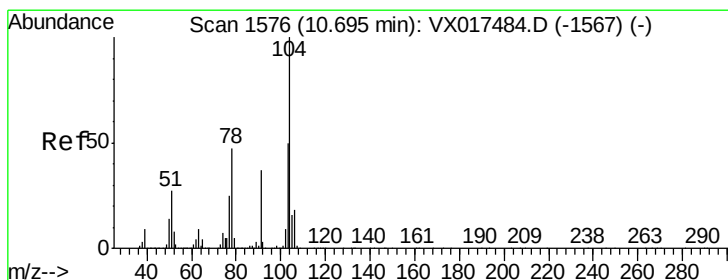
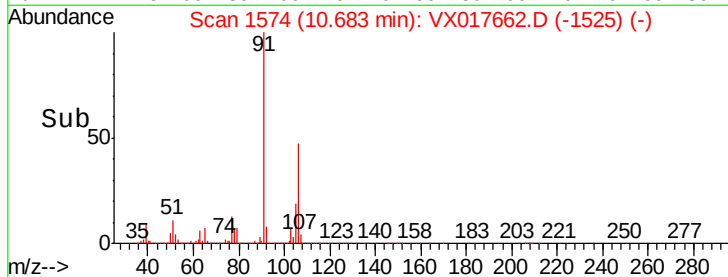
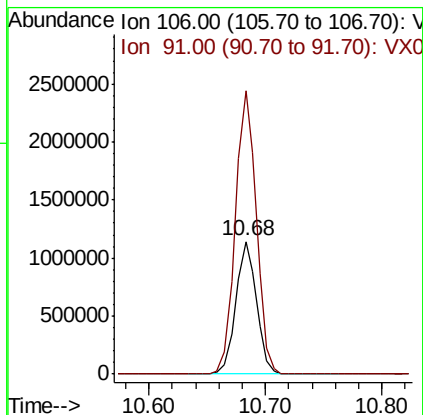
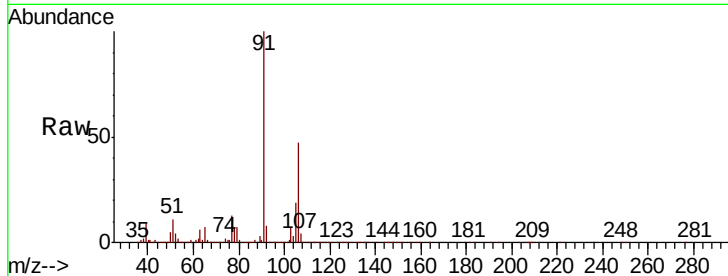




#69
o-Xylene
Concen: 115.778 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

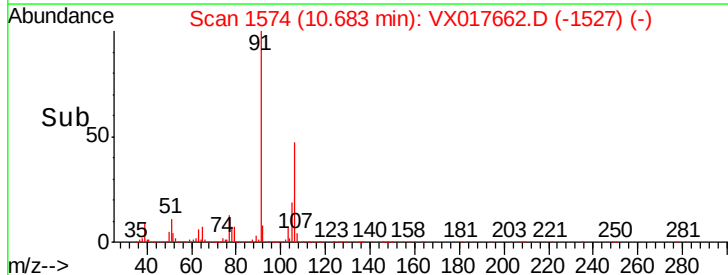
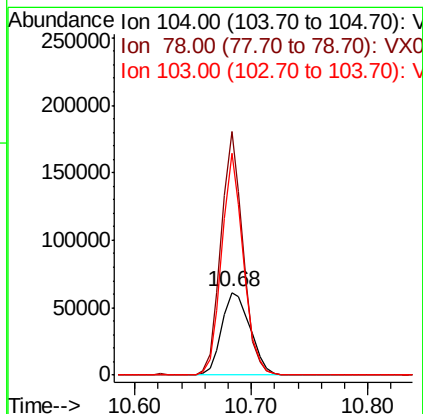
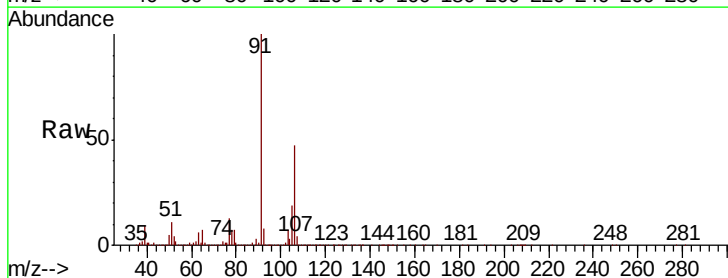
Instrument :
MSVOA_X
ClientSampled :

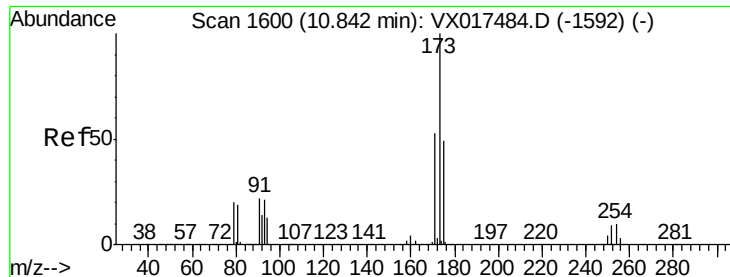
Tot Ion:106 Resp: 1406047
Ion Ratio Lower Upper
106 100
91 217.9 108.2 324.6



#70
Styrene
Concen: 5.032 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion:104 Resp: 103969
Ion Ratio Lower Upper
104 100
78 224.2 42.5 63.7#
103 203.4 44.3 66.5#





#71

Bromoform

Concen: 0.556 ug/l

RT: 10.85 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

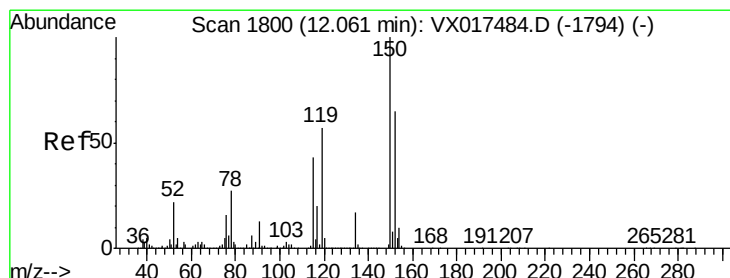
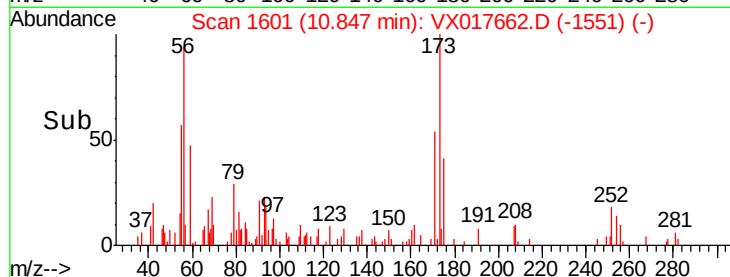
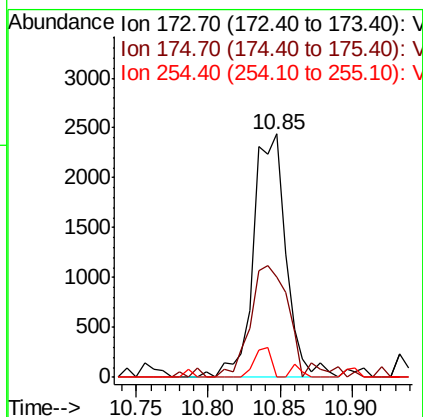
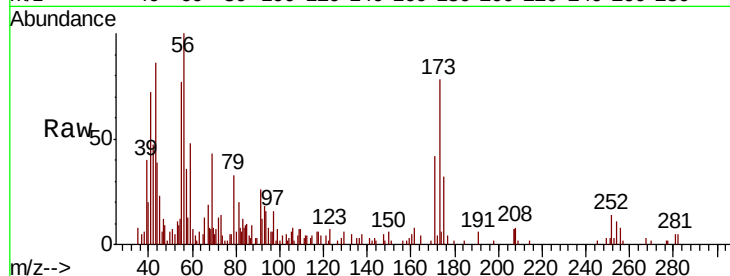
Tot Ion:173 Resp: 3798

Ion Ratio Lower Upper

173 100

175 56.3 23.8 71.5

254 6.3 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

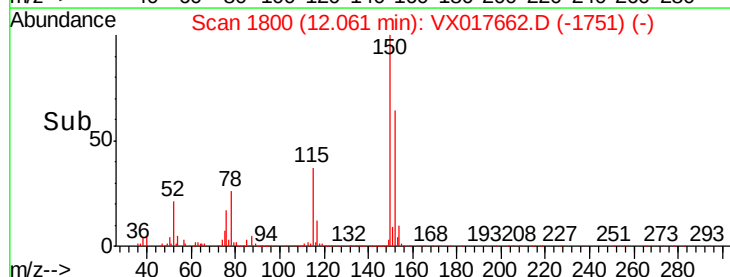
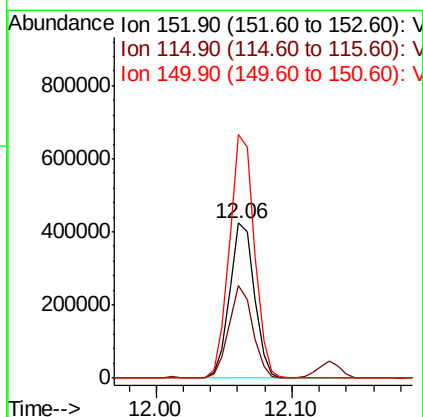
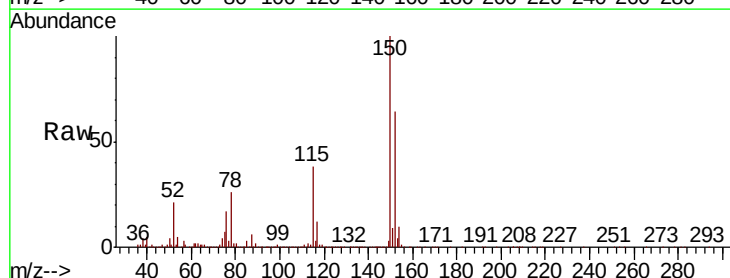
Tgt Ion:152 Resp: 539005

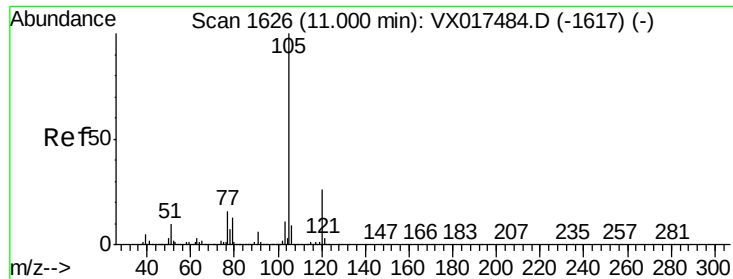
Ion Ratio Lower Upper

152 100

115 57.1 65.5 196.6#

150 157.3 0.0 412.6





#73

Isopropylbenzene

Concen: 2.544 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

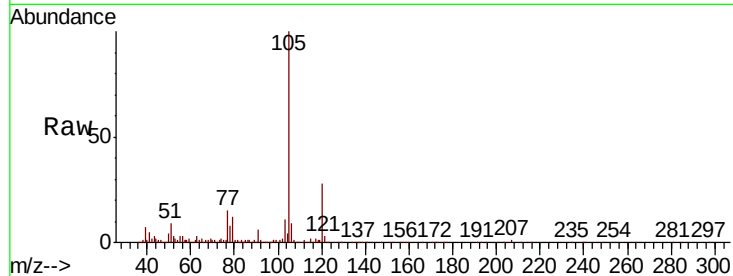
ClientSampleId :

Tot Ion:105 Resp: 94053

Ion Ratio Lower Upper

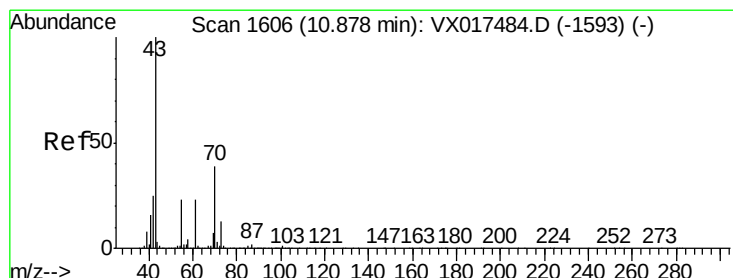
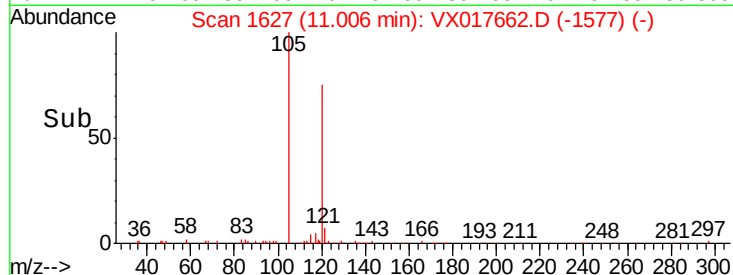
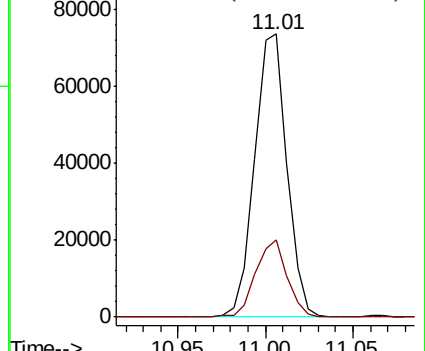
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.210 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Tgt Ion: 43 Resp: 19880

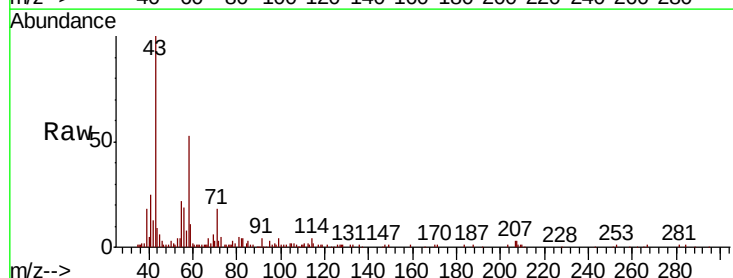
Ion Ratio Lower Upper

43 100

70 0.0 32.3 48.5#

55 0.0 18.4 27.6#

61 0.0 18.6 28.0#

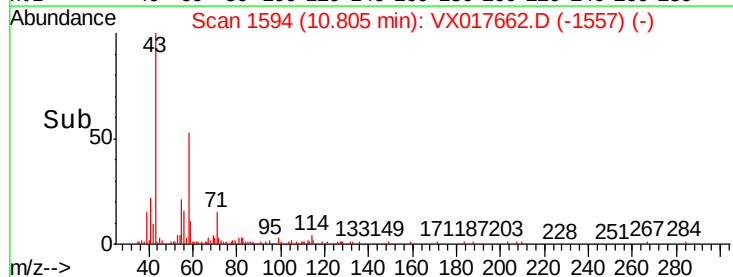
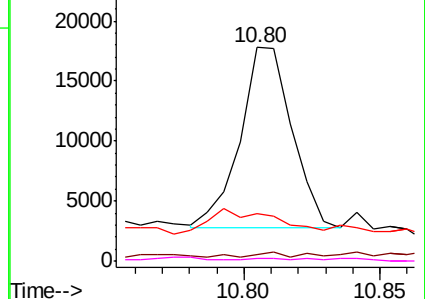


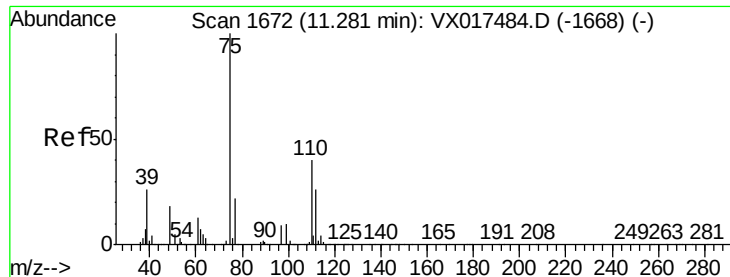
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.368 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.14 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

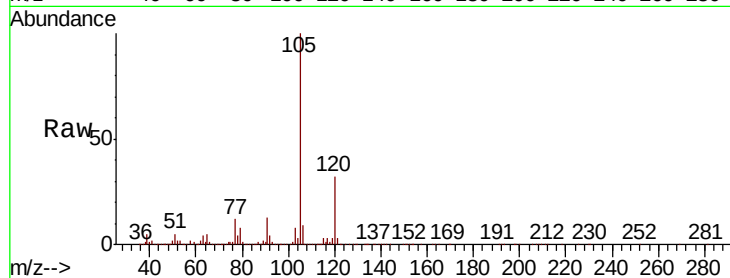
ClientSampled :

Tot Ion: 75 Resp: 15170

Ion Ratio Lower Upper

75 100

77 1371.1 21.8 65.3#

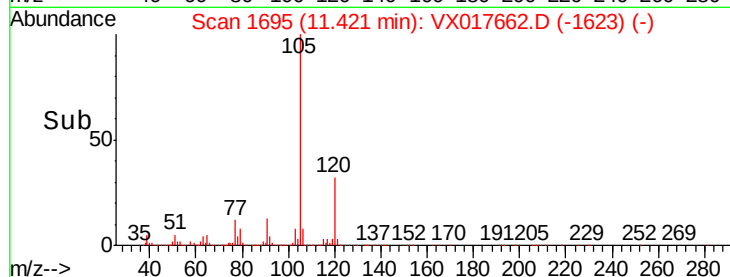


Abundance Ion 74.90 (74.60 to 75.60): VX0

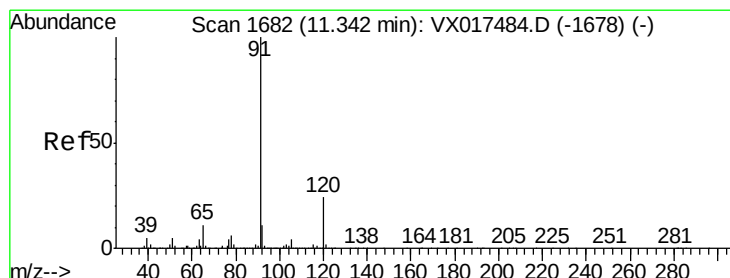
Ion 77.00 (76.70 to 77.70): VX0

11.42

Time-->



Time-->



#78

n-propylbenzene

Concen: 6.586 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017662.D

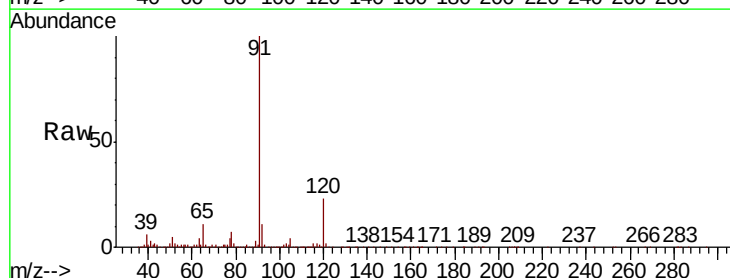
Acq: 28 Jul 2020 18:44

Tgt Ion: 91 Resp: 274673

Ion Ratio Lower Upper

91 100

120 23.4 12.2 36.4

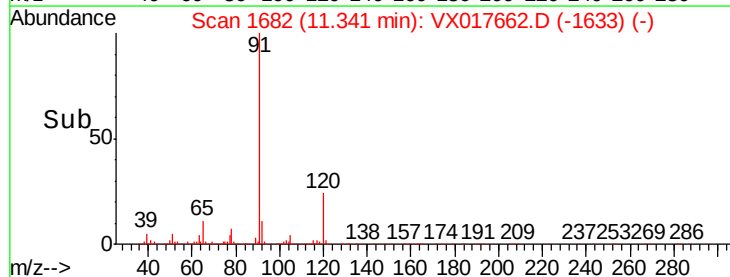


Abundance Ion 91.00 (90.70 to 91.70): VX0

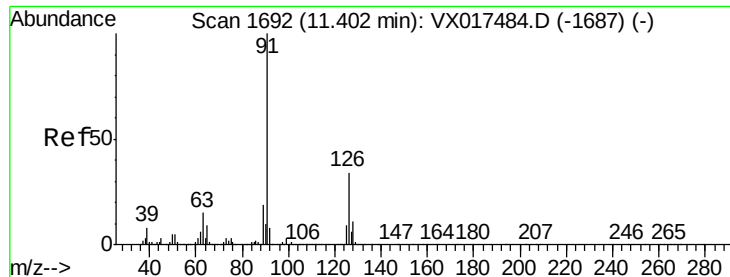
Ion 120.00 (119.70 to 120.70): V

11.34

Time-->



Time-->



#79

2-Chlorotoluene

Concen: 8.328 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

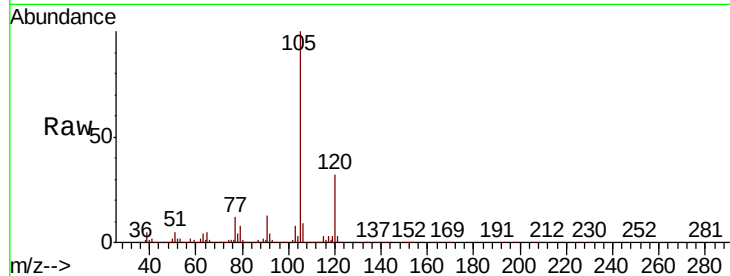
ClientSampleId :

Tot Ion: 91 Resp: 215153

Ion Ratio Lower Upper

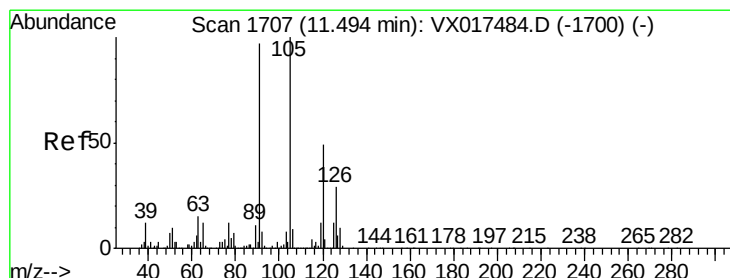
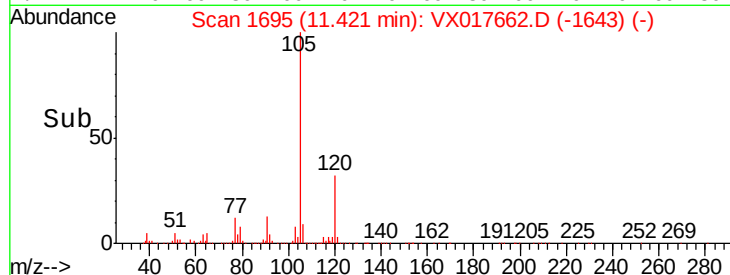
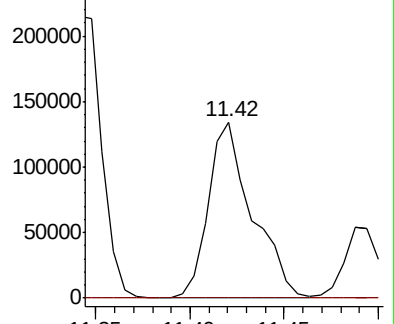
91 100

126 0.0 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: 19.148 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017662.D

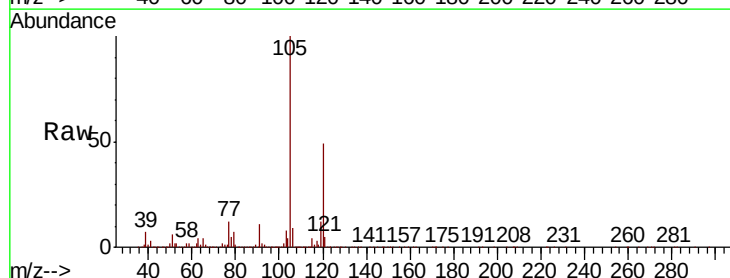
Acq: 28 Jul 2020 18:44

Tgt Ion:105 Resp: 604515

Ion Ratio Lower Upper

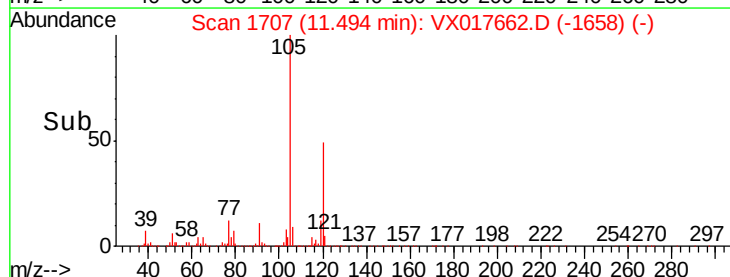
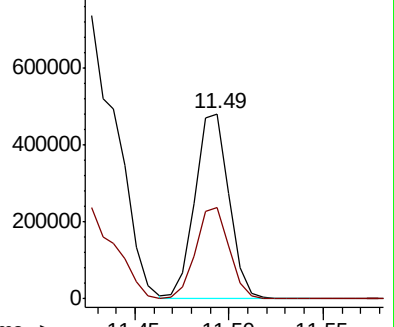
105 100

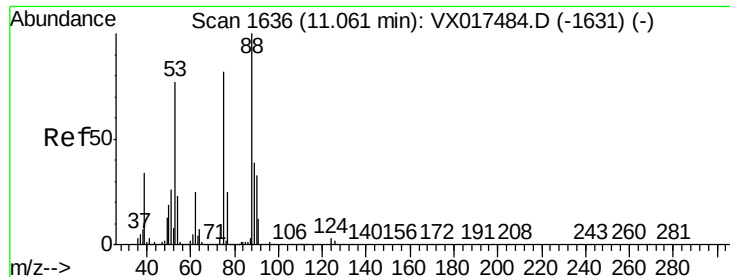
120 48.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

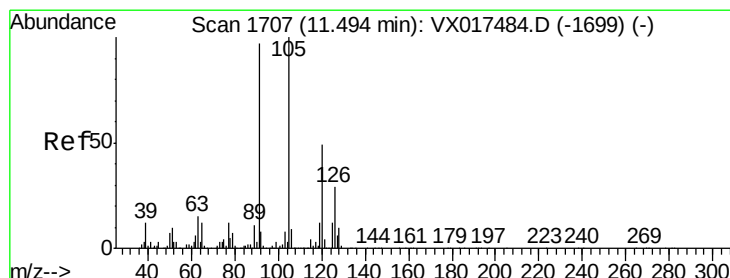
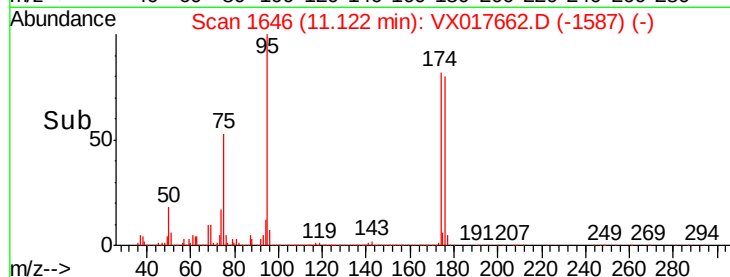
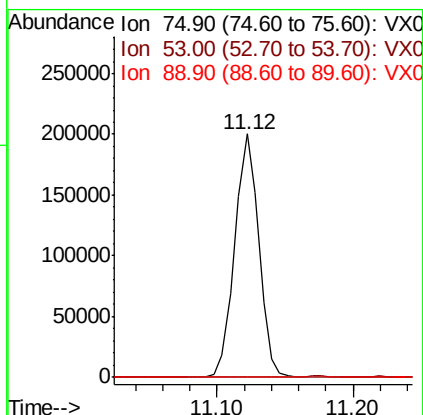
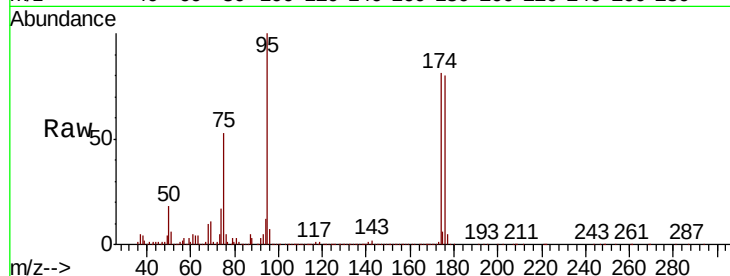




#81
trans-1,4-Dichloro-2-butene
Concen: 56.106 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.06 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

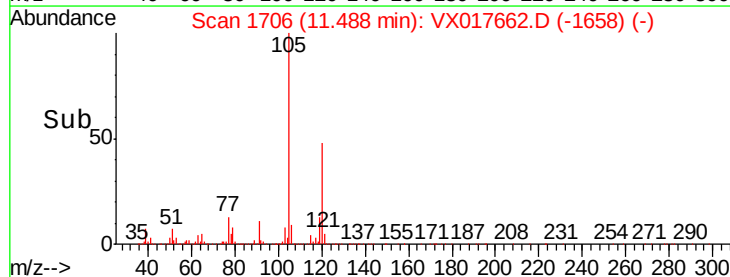
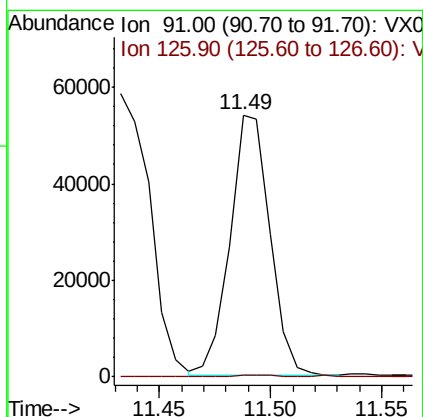
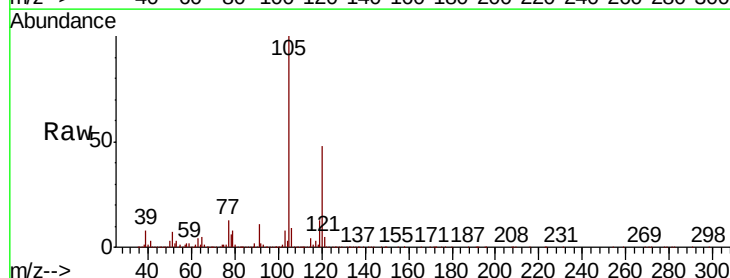
Instrument :
MSVOA_X
ClientSampled :

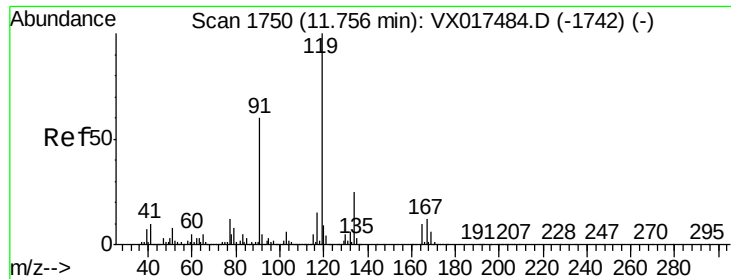
Tot Ion: 75 Resp: 246880
Ion Ratio Lower Upper
75 100
53 0.2 75.9 113.9#
89 0.1 37.8 56.6#



#82
4-Chlorotoluene
Concen: 2.209 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 91 Resp: 67322
Ion Ratio Lower Upper
91 100
126 0.6 15.2 45.6#





#83

tert-Butylbenzene

Concen: 13.018 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.04 min

Lab File: VX017662.D

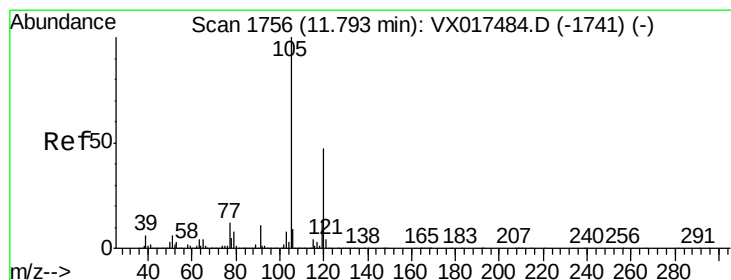
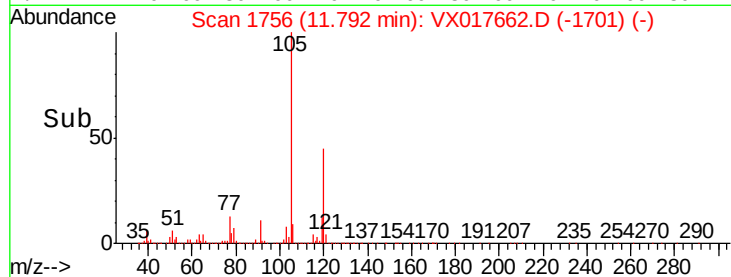
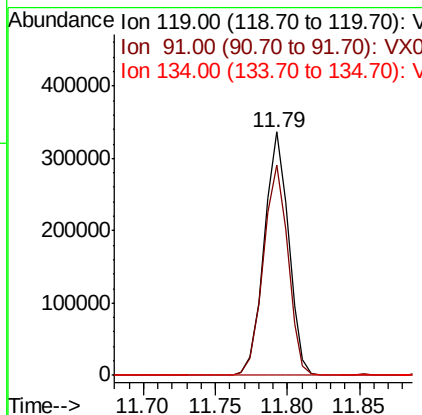
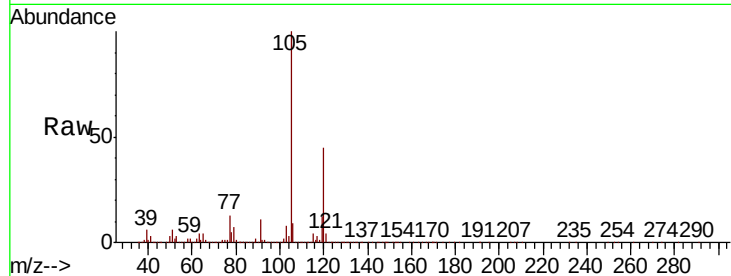
Acq: 28 Jul 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	119	Resp:	393275
Ion	Ratio	Lower	Upper
119	100		
91	86.3	29.3	88.0
134	0.0	11.2	33.6#



#84

1,2,4-Trimethylbenzene

Concen: 101.742 ug/l

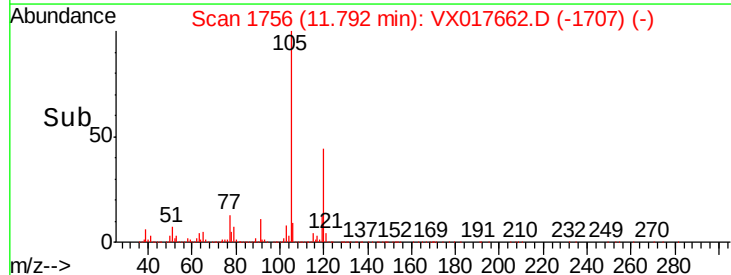
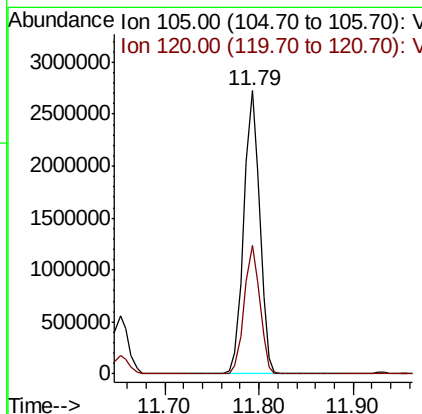
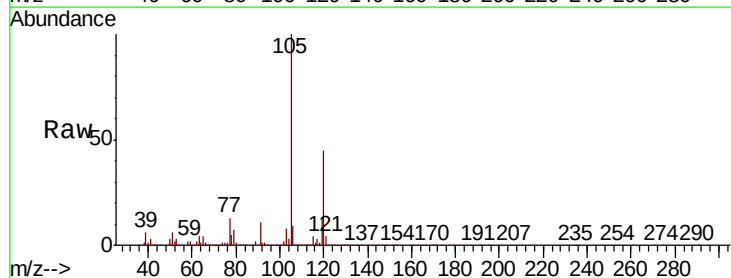
RT: 11.79 min Scan# 1756

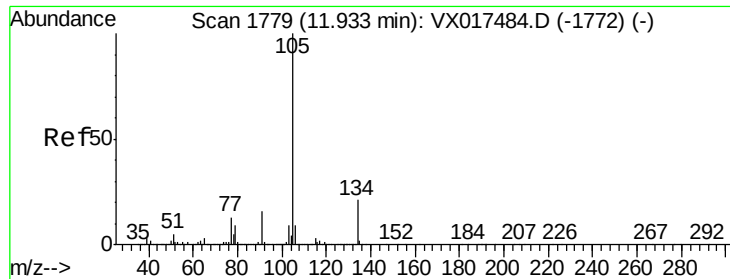
Delta R.T. -0.00 min

Lab File: VX017662.D

Acq: 28 Jul 2020 18:44

Tgt Ion:	105	Resp:	3194814
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.7	68.0

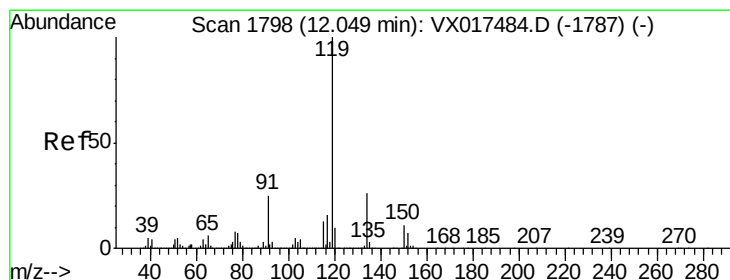
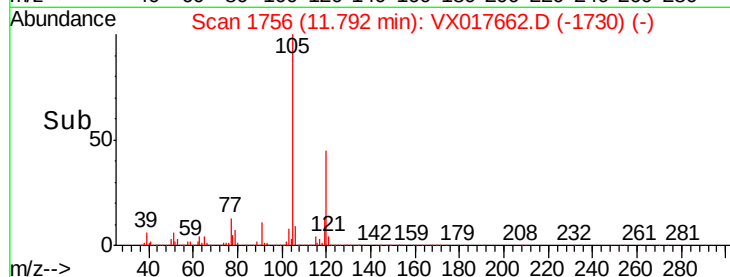
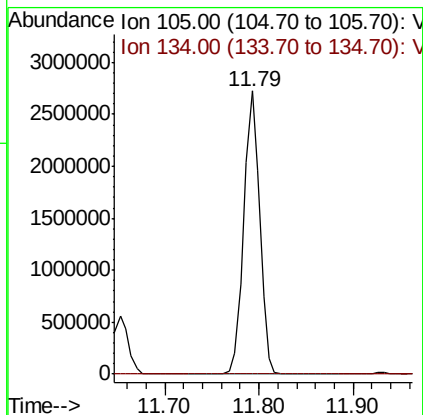
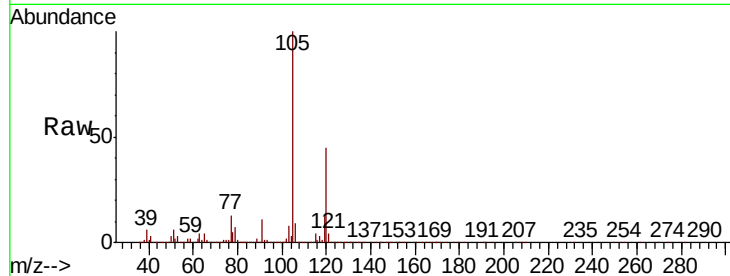




#85
 sec-Butylbenzene
 Concen: 90.785 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.14 min
 Lab File: VX017662.D
 Acq: 28 Jul 2020 18:44

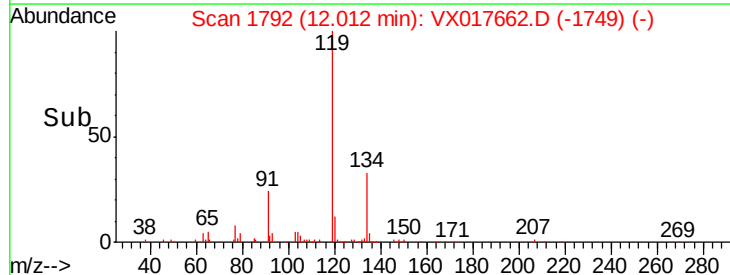
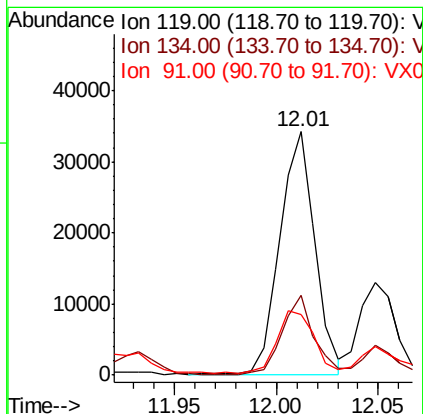
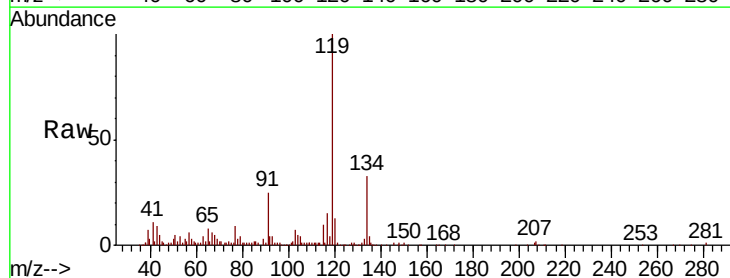
Instrument :
 MSVOA_X
 ClientSampleId :

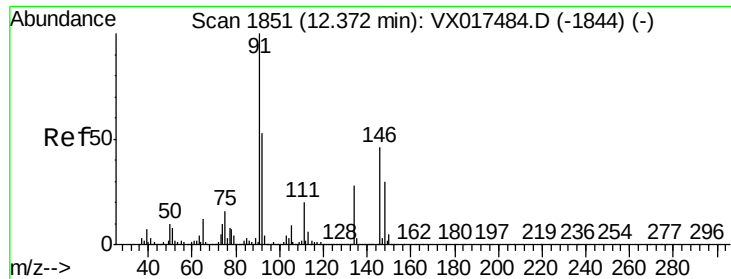
Tot Ion:105 Resp: 3194814
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.2#



#86
 p-Isopropyltoluene
 Concen: 1.222 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.04 min
 Lab File: VX017662.D
 Acq: 28 Jul 2020 18:44

Tgt Ion:119 Resp: 40949
 Ion Ratio Lower Upper
 119 100
 134 30.2 13.1 39.3
 91 27.4 12.1 36.3

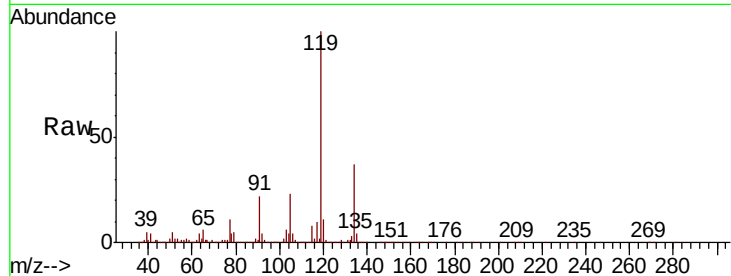




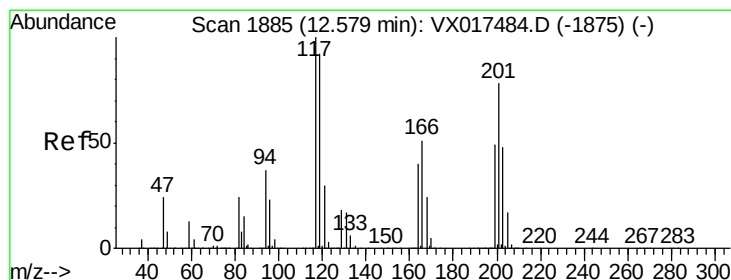
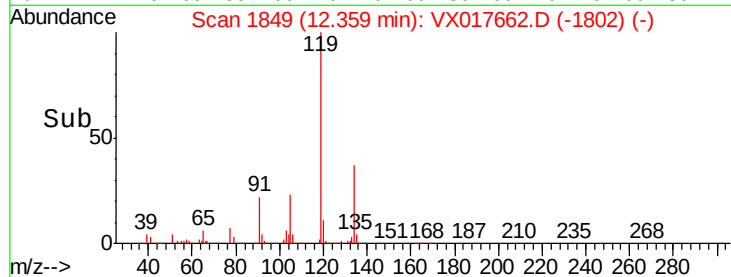
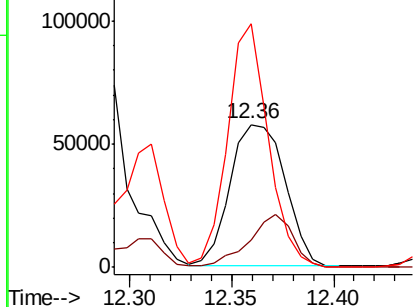
#89
n-Butylbenzene
Concen: 3.611 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 107828
Ion Ratio Lower Upper
91 100
92 30.3 26.7 80.1
134 126.9 13.6 40.7#

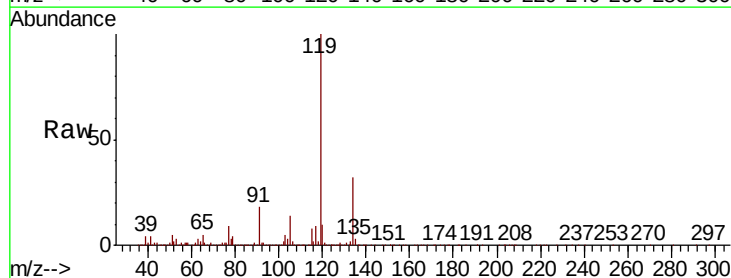


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

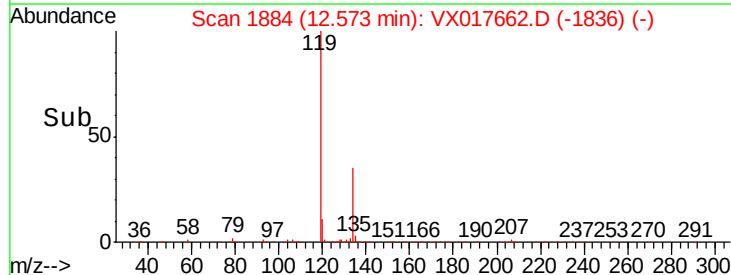
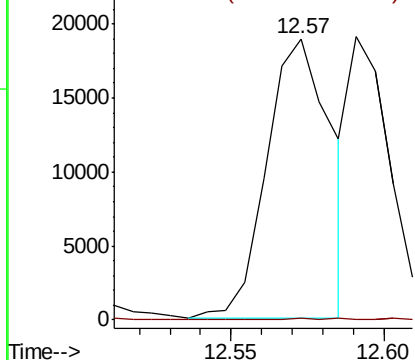


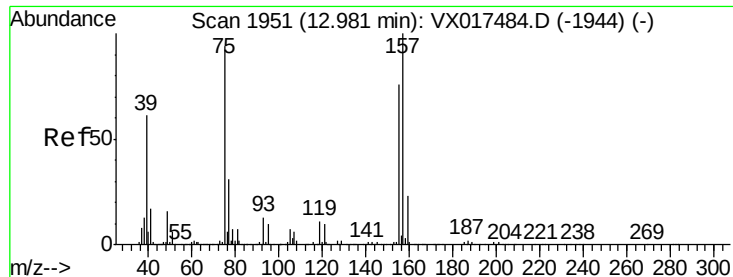
#90
Hexachloroethane
Concen: 4.185 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX017662.D
Acq: 28 Jul 2020 18:44

Tgt Ion: 117 Resp: 27649
Ion Ratio Lower Upper
117 100
201 0.4 42.2 126.6#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

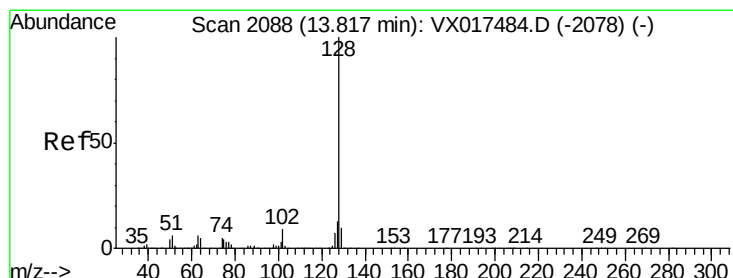
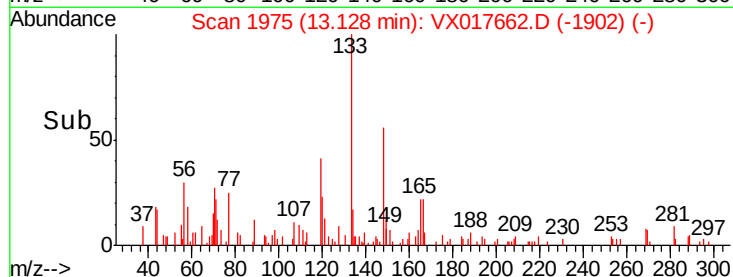
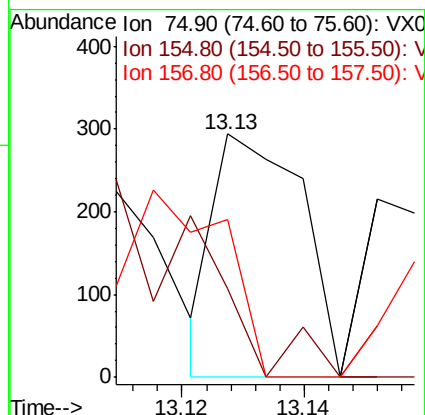
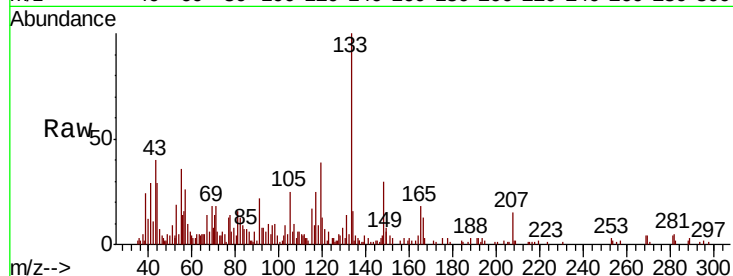




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.661 ug/l
 RT: 13.13 min Scan# 1975
 Delta R.T. 0.15 min
 Lab File: VX017662.D
 Acq: 28 Jul 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
155	87.0	42.3	126.8
157	88.0	54.3	162.9



#95
 Naphthalene
 Concen: 61.302 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX017662.D
 Acq: 28 Jul 2020 18:44

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.9	13.3

