

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012973.D
 Acq On : 10 Oct 2019 04:10
 Operator : JC/SP
 Sample : K5259-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 06:51:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288793	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108768	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.49	113	85238	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	8.71	98	337266	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.14	95	122163	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	663	0.343	ug/l #	77
5) Bromomethane	1.66	94	249	0.300	ug/l #	3
6) Chloroethane	1.70	64	217	0.544	ug/l #	73
11) Tert butyl alcohol	3.03	59	1904	3.301	ug/l #	72
13) Acrolein	2.26	56	5752	14.032	ug/l #	1
14) Allyl chloride	2.76	41	10490	3.348	ug/l #	26
15) Acrylonitrile	3.17	53	15851	14.501	ug/l #	40
16) Acetone	2.39	43	32537	28.368	ug/l #	53
17) Carbon Disulfide	2.56	76	1046	0.209	ug/l #	75
18) Methyl Acetate	2.83	43	166365	61.196	ug/l #	51
20) Methylene Chloride	2.86	84	428	0.203	ug/l #	25
23) Vinyl Acetate	3.81	43	3617	0.698	ug/l #	70
24) 1,1-Dichloroethane	3.81	63	1392	0.412	ug/l #	81
25) 2-Butanone	4.53	43	3881	2.439	ug/l #	49
28) Bromochloromethane	5.26	49	127	Below Cal	#	13
29) Tetrahydrofuran	5.04	42	441	0.450	ug/l #	32
30) Chloroform	5.26	83	20019	5.777	ug/l #	31
31) Cyclohexane	5.57	56	266807	84.481	ug/l	97
36) 1,1-Dichloropropene	5.65	75	14166	5.579	ug/l #	50
37) Ethyl Acetate	4.83	43	18754	6.605	ug/l	99
38) Carbon Tetrachloride	5.65	117	18401	7.446	ug/l #	17
39) Methylcyclohexane	7.46	83	178874	58.091	ug/l	93
40) Benzene	6.14	78	864899	115.332	ug/l	100
41) Methacrylonitrile	5.05	41	4290	2.750	ug/l #	39
42) 1,2-Dichloroethane	6.14	62	7934	2.948	ug/l #	73
43) Isopropyl Acetate	6.45	43	12676	2.782	ug/l #	62
45) 1,2-Dichloropropane	7.46	63	2479	1.297	ug/l #	1
46) Dibromomethane	7.63	93	778	0.611	ug/l #	1
47) Bromodichloromethane	7.84	83	2894	1.165	ug/l #	84
48) Methyl methacrylate	7.73	41	27716	12.481	ug/l #	53
51) 4-Methyl-2-Pentanone	8.67	43	5375	1.892	ug/l #	35
52) Toluene	8.78	92	31265	6.517	ug/l	98
53) t-1,3-Dichloropropene	9.05	75	45	2.183	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	40936	21.561	ug/l #	20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012973.D
 Acq On : 10 Oct 2019 04:10
 Operator : JC/SP
 Sample : K5259-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 10 06:51:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

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

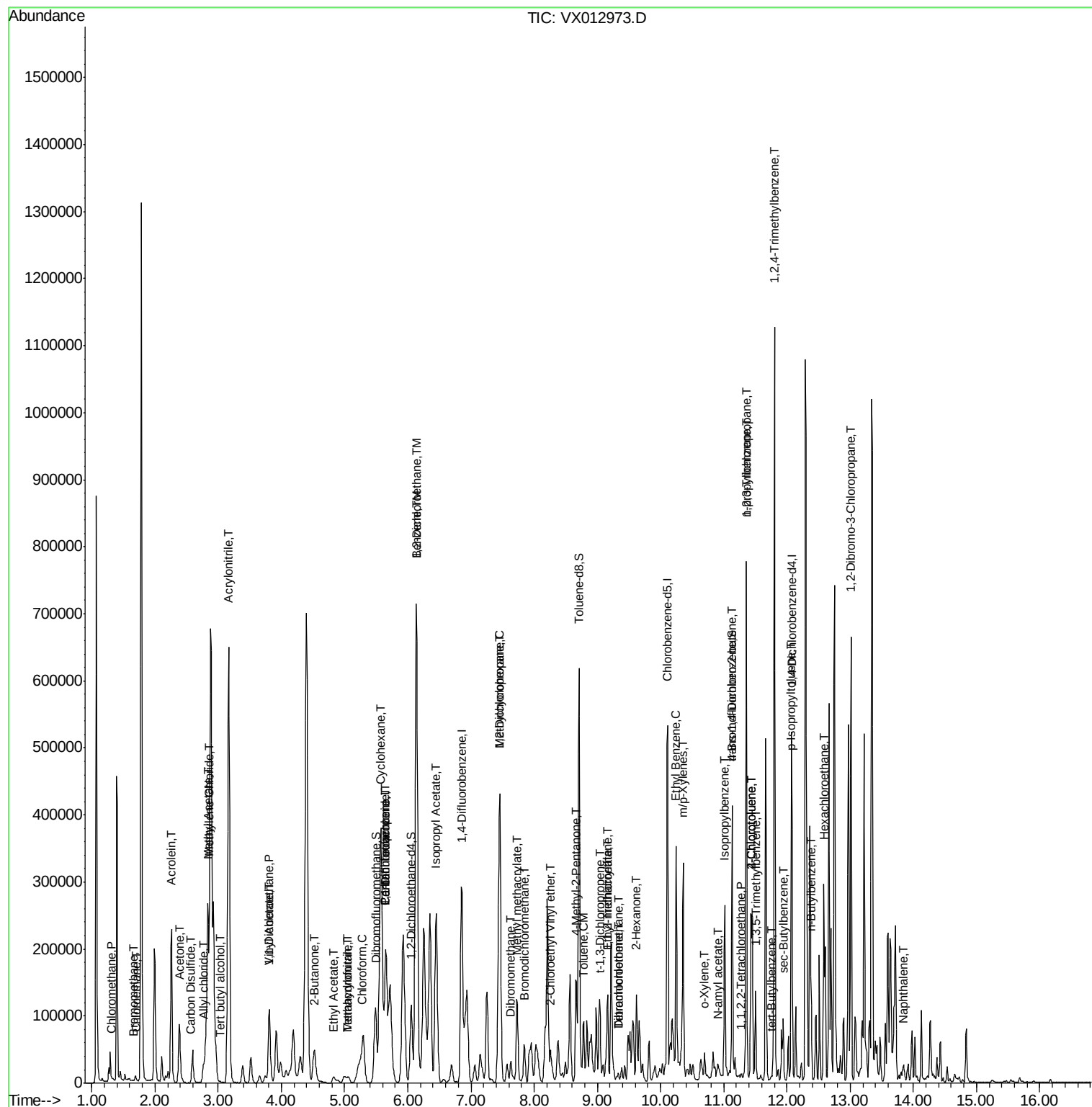
56) Ethyl methacrylate	9.16	69	9647	4.565	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.26	63	619	0.444	ug/l #	45
59) 2-Hexanone	9.62	43	3451	1.560	ug/l	74
60) Dibromochloromethane	9.33	129	1939	2.741	ug/l #	10
64) Tetrachloroethene	9.33	164	1766	1.055	ug/l #	82
67) Ethyl Benzene	10.25	91	199002	23.373	ug/l	100
68) m/p-Xylenes	10.35	106	67669	21.274	ug/l	99
69) o-Xylene	10.69	106	7315	2.358	ug/l	98
73) Isopropylbenzene	11.01	105	131131	17.848	ug/l	100
74) N-amyl acetate	10.90	43	762	0.241	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.26	83	618	0.253	ug/l #	25
76) 1,2,3-Trichloropropane	11.35	75	2877	1.298	ug/l #	1
78) n-propylbenzene	11.35	91	464499	57.454	ug/l	98
79) 2-Chlorotoluene	11.43	91	27548	5.422	ug/l #	44
80) 1,3,5-Trimethylbenzene	11.50	105	54104	8.819	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	57731	65.590	ug/l #	10
82) 4-Chlorotoluene	11.43	91	27548	4.730	ug/l #	48
83) tert-Butylbenzene	11.76	119	2122	0.355	ug/l #	41
84) 1,2,4-Trimethylbenzene	11.81	105	511174	82.270	ug/l	97
85) sec-Butylbenzene	11.94	105	45084	6.502	ug/l	98
86) p-Isopropyltoluene	12.06	119	11656	1.813	ug/l	92
89) n-Butylbenzene	12.38	91	66252	12.259	ug/l #	68
90) Hexachloroethane	12.58	117	18773	17.213	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	13.01	75	2206	3.851	ug/l #	1
95) Naphthalene	13.83	128	11129	1.626	ug/l #	87

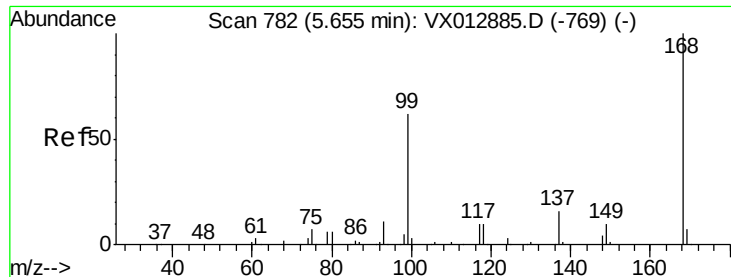
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100919\
Data File : VX012973.D
Acq On : 10 Oct 2019 04:10
Operator : JC/SP
Sample : K5259-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 10 06:51:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

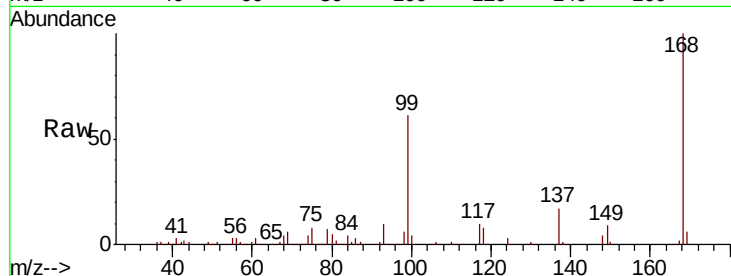
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 174095

Ion Ratio Lower Upper

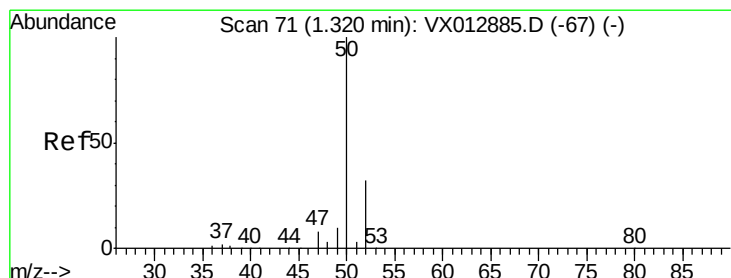
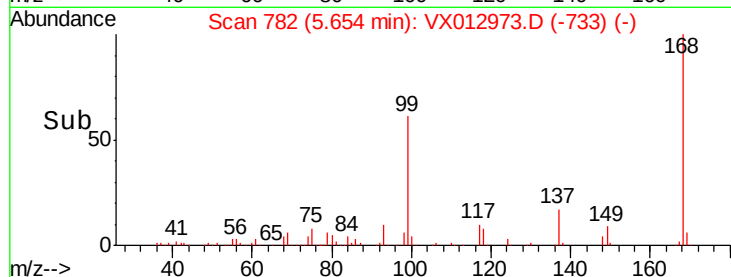
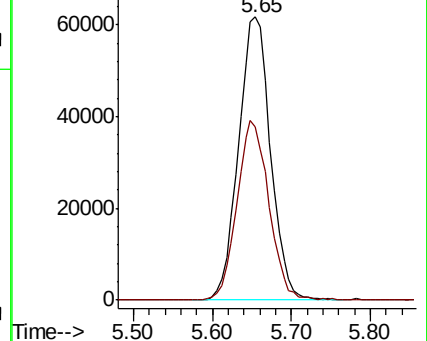
168 100

99 61.3 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.343 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012973.D

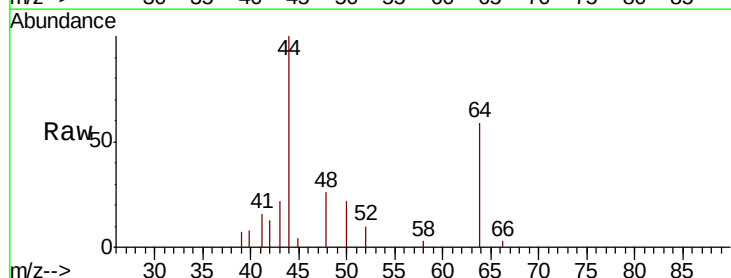
Acq: 10 Oct 2019 04:10

Tgt Ion: 50 Resp: 663

Ion Ratio Lower Upper

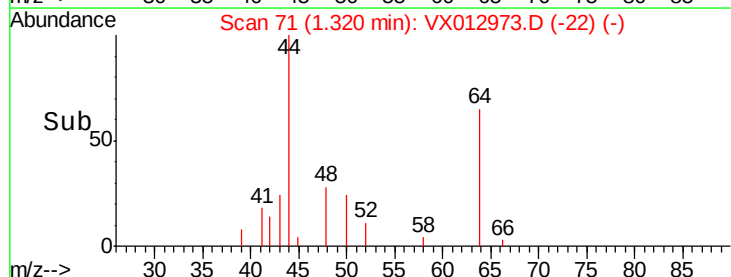
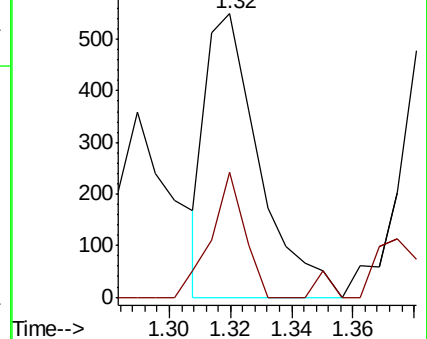
50 100

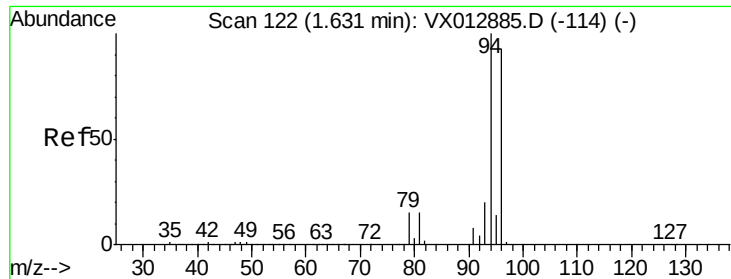
52 44.1 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.300 ug/l

RT: 1.66 min Scan# 127

Delta R.T. 0.03 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

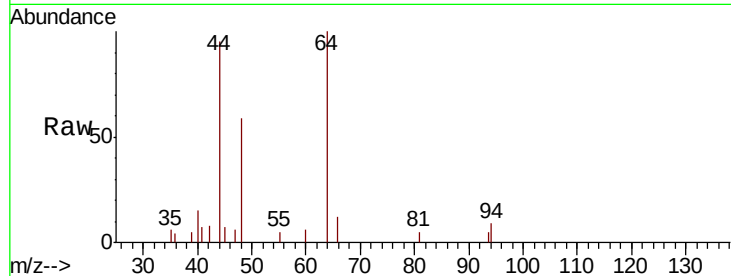
ClientSampled :

Tot Ion: 94 Resp: 249

Ion Ratio Lower Upper

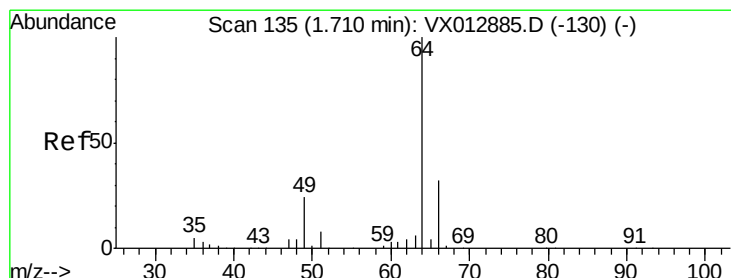
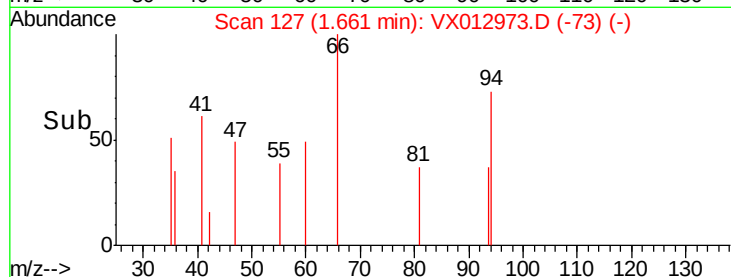
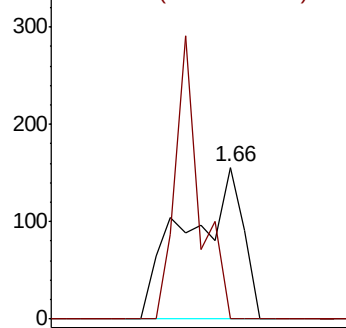
94 100

96 0.0 74.7 112.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.544 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012973.D

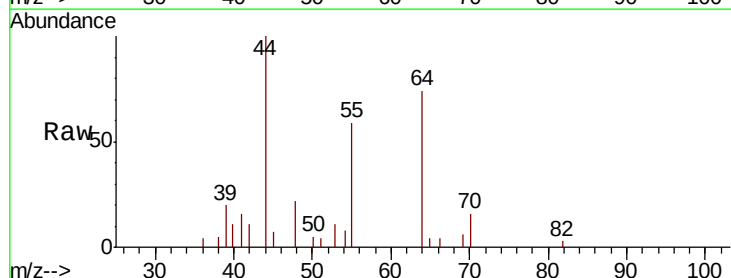
Acq: 10 Oct 2019 04:10

Tgt Ion: 64 Resp: 217

Ion Ratio Lower Upper

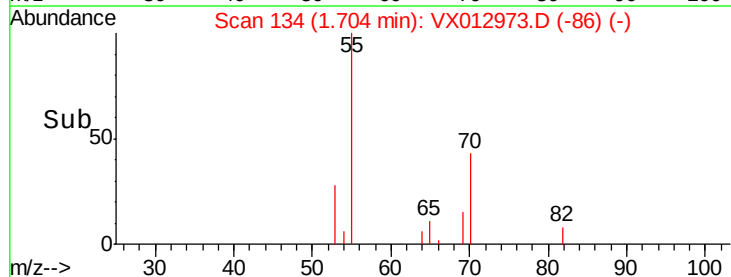
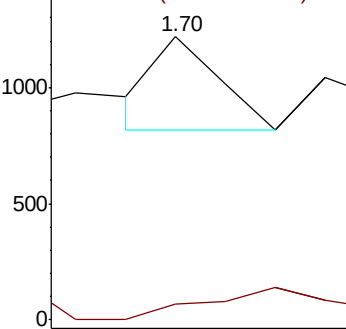
64 100

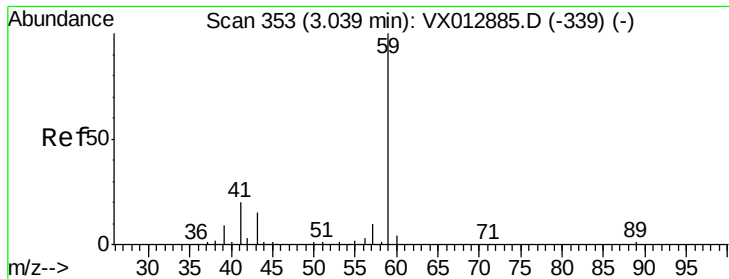
66 16.8 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



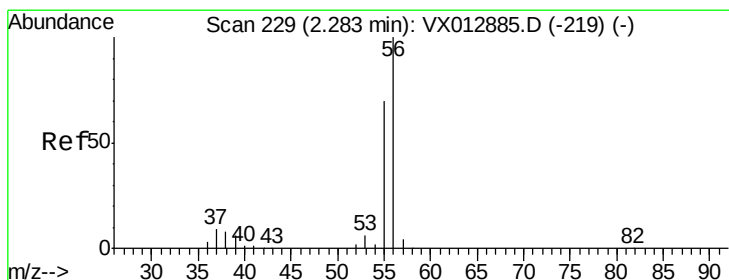
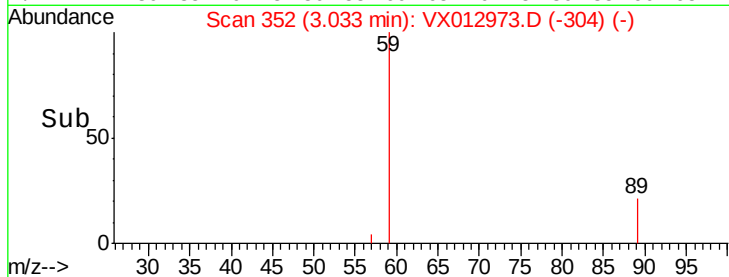
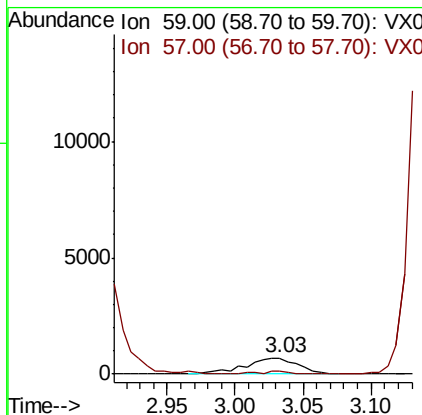
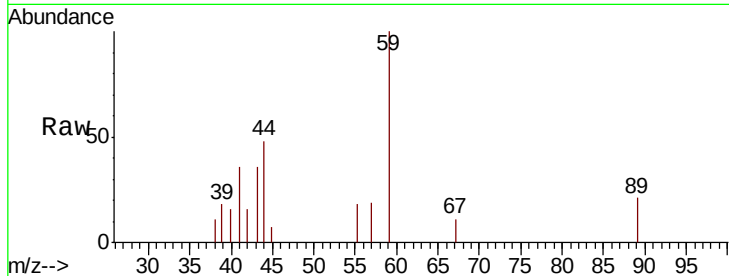


#11

Tert butyl alcohol
 Concen: 3.301 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Instrument :
 MSVOA_X
 ClientSampled :

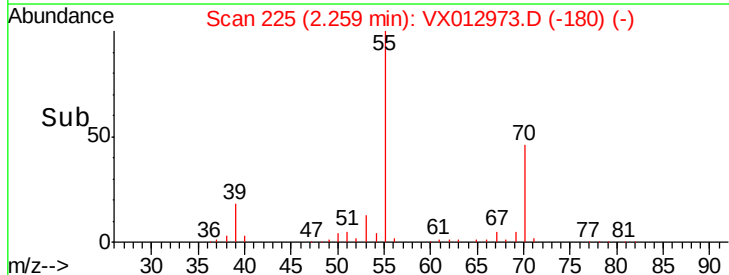
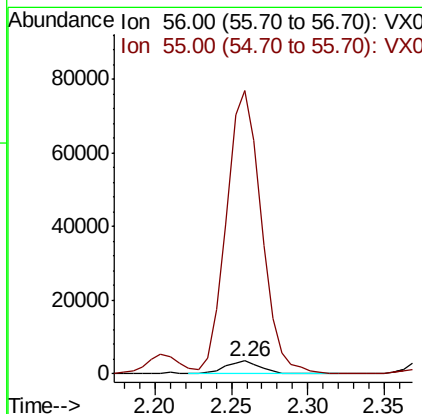
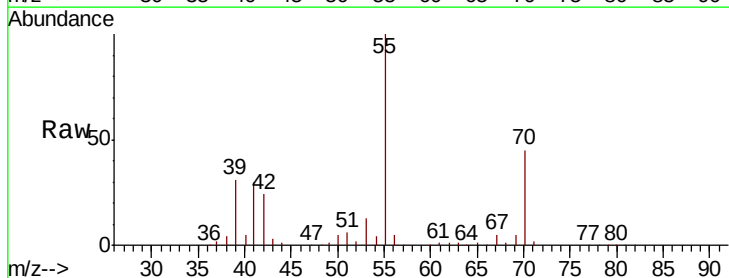
Tot Ion: 59 Resp: 1904
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.3 12.5#

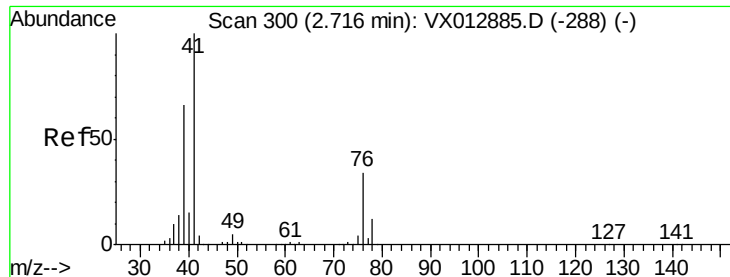


#13

Acrolein
 Concen: 14.032 ug/l
 RT: 2.26 min Scan# 225
 Delta R.T. -0.02 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion: 56 Resp: 5752
 Ion Ratio Lower Upper
 56 100
 55 2126.5 56.6 85.0#

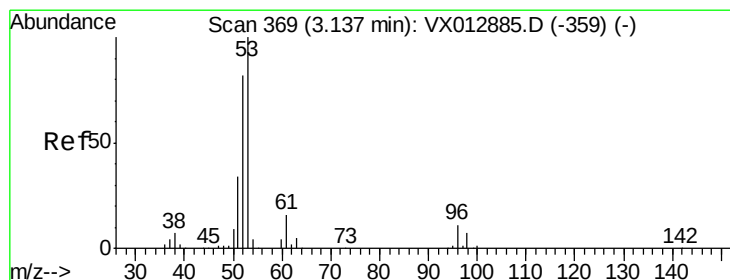
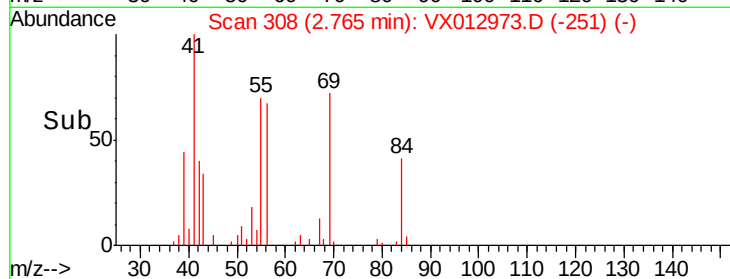
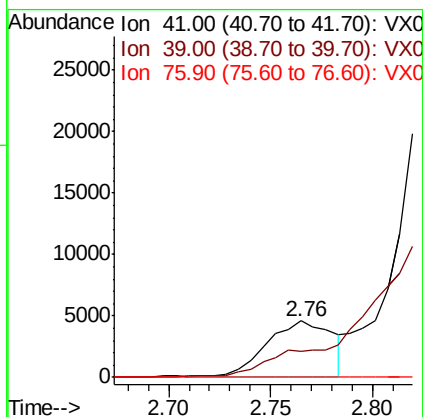
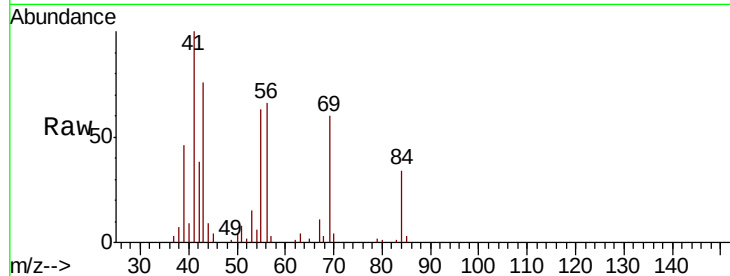




#14
Allvl chloride
Concen: 3.348 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.05 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

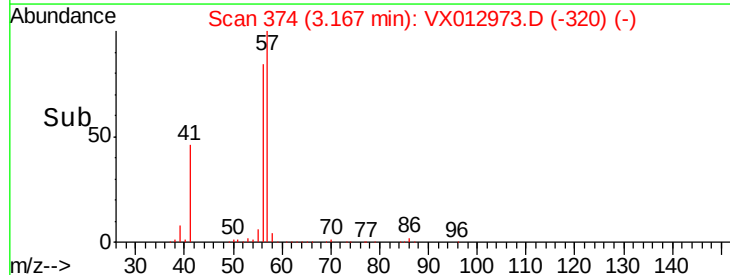
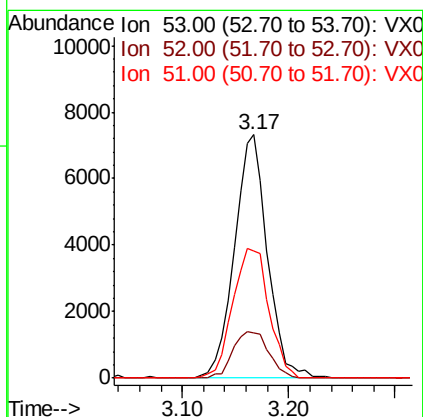
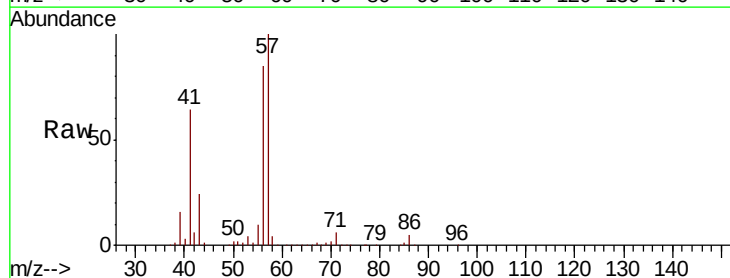
Instrument :
MSVOA_X
ClientSampled :

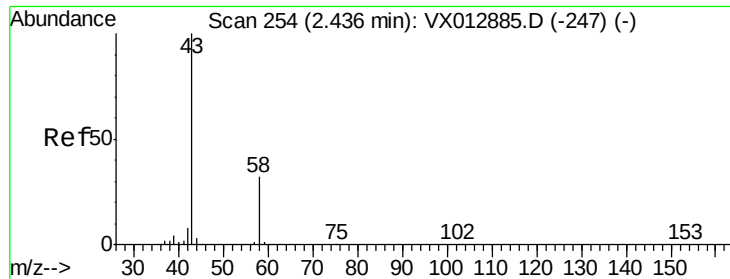
Tot Ion: 41 Resp: 10490
Ion Ratio Lower Upper
41 100
39 0.0 51.0 76.6#
76 0.0 26.2 39.4#



#15
Acrylonitrile
Concen: 14.501 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.03 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 53 Resp: 15851
Ion Ratio Lower Upper
53 100
52 20.7 66.2 99.2#
51 58.6 28.2 42.4#





#16

Acetone

Concen: 28.368 ug/l

RT: 2.39 min Scan# 246

Delta R.T. -0.05 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

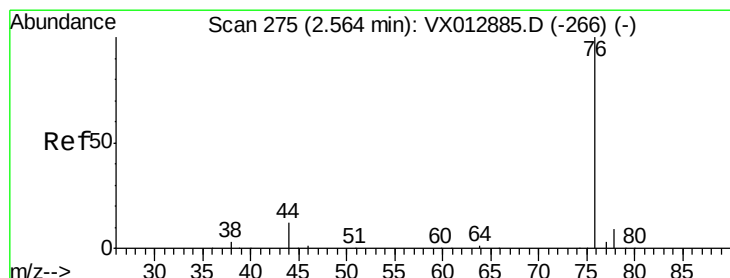
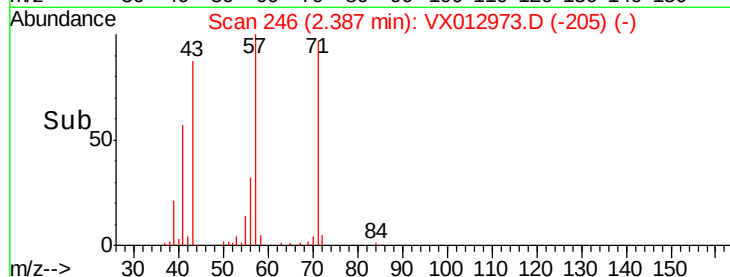
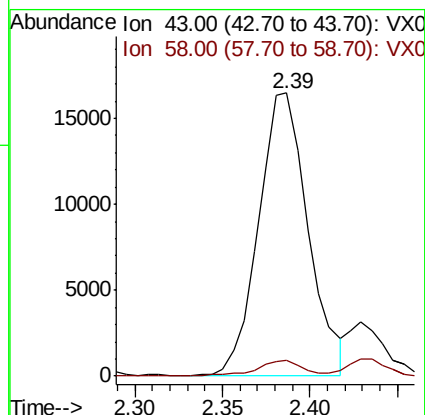
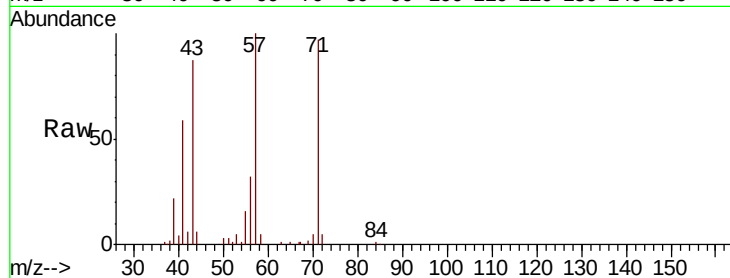
ClientSampleId :

Tot Ion: 43 Resp: 32537

Ion Ratio Lower Upper

43 100

58 5.4 25.4 38.2#



#17

Carbon Disulfide

Concen: 0.209 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX012973.D

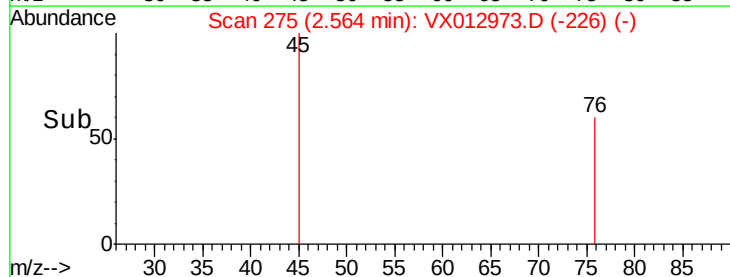
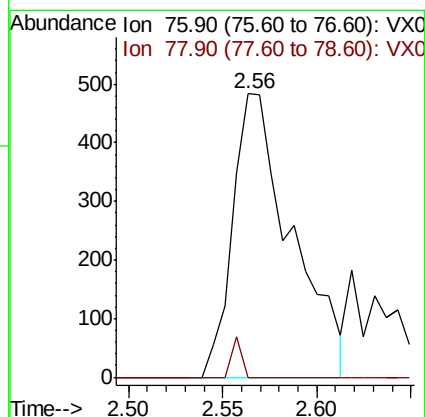
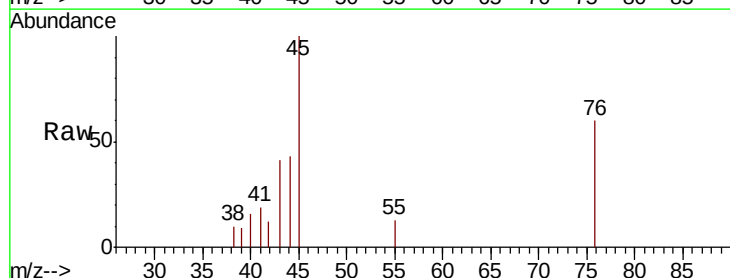
Acq: 10 Oct 2019 04:10

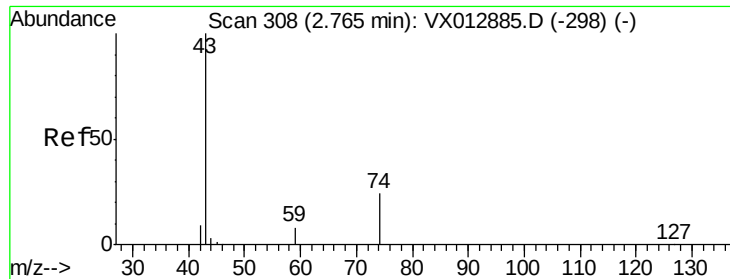
Tgt Ion: 76 Resp: 1046

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

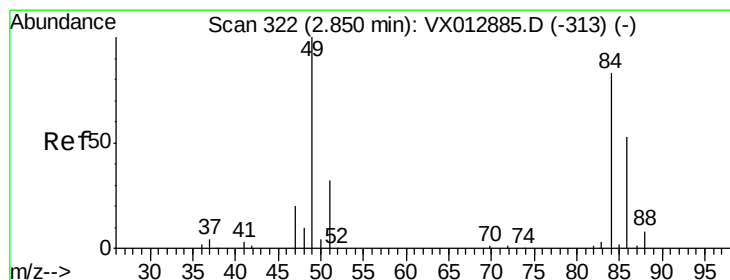
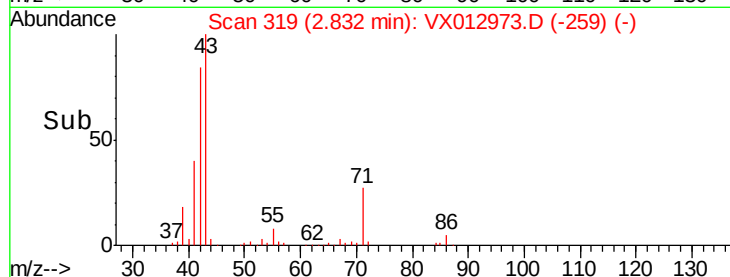
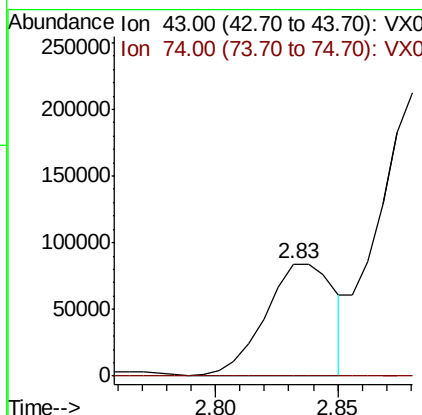
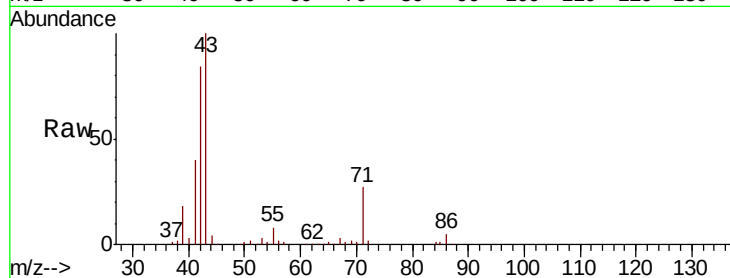




#18
Methyl Acetate
Concen: 61.196 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.07 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

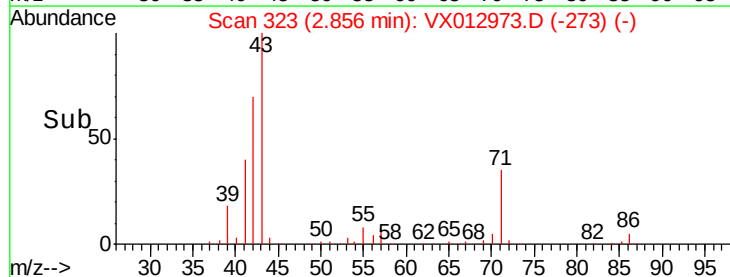
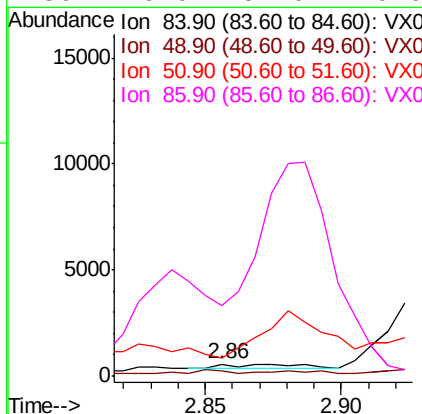
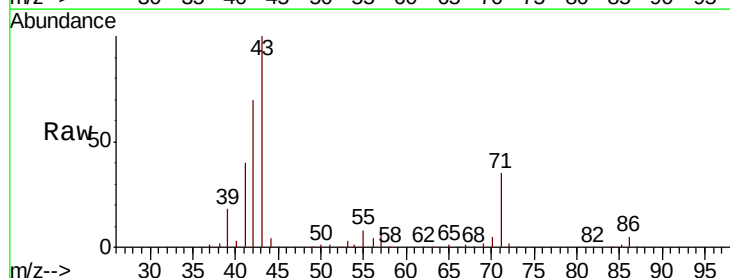
Instrument :
MSVOA_X
ClientSampled :

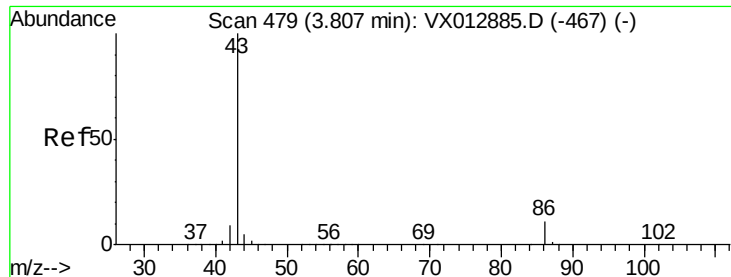
Tot Ion: 43 Resp: 166365
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 2.86 min Scan# 323
Delta R.T. 0.01 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 84 Resp: 428
Ion Ratio Lower Upper
84 100
49 36.5 96.6 144.8#
51 0.0 30.7 46.1#
86 0.0 51.0 76.6#





#23

Vinyl Acetate

Concen: 0.698 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

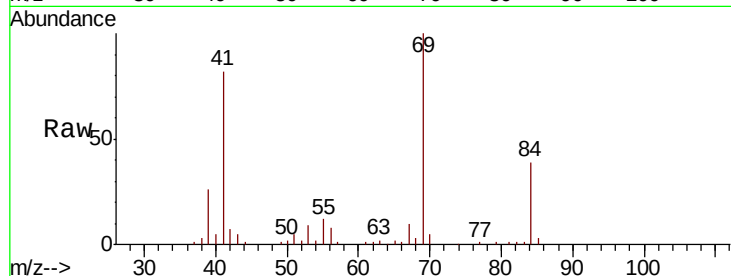
ClientSampleId :

Tot Ion: 43 Resp: 3617

Ion Ratio Lower Upper

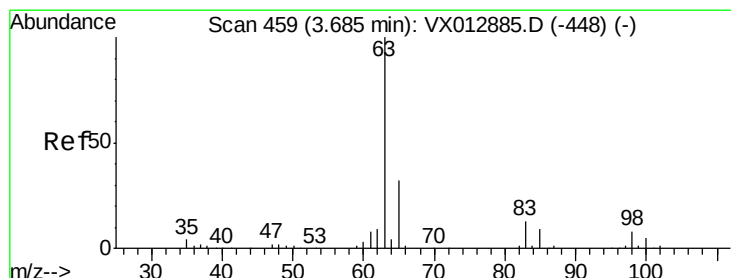
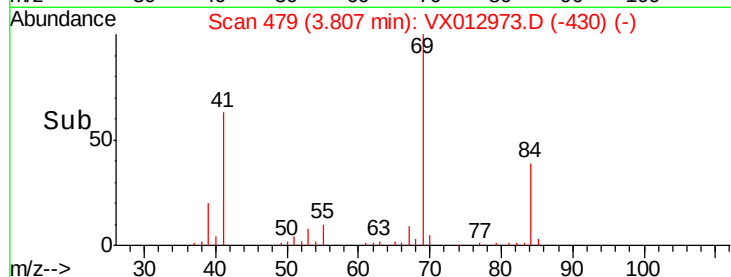
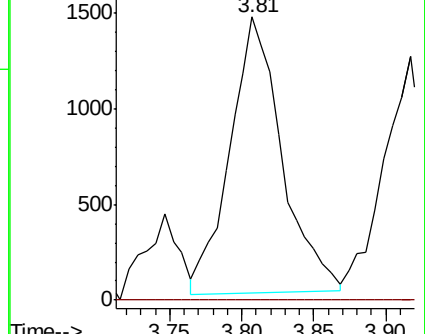
43 100

86 0.0 9.0 13.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.412 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.12 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

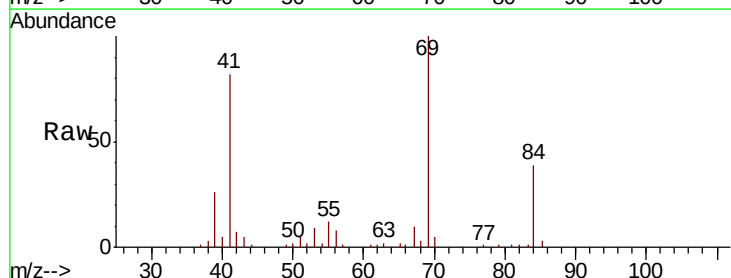
Tgt Ion: 63 Resp: 1392

Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.5#

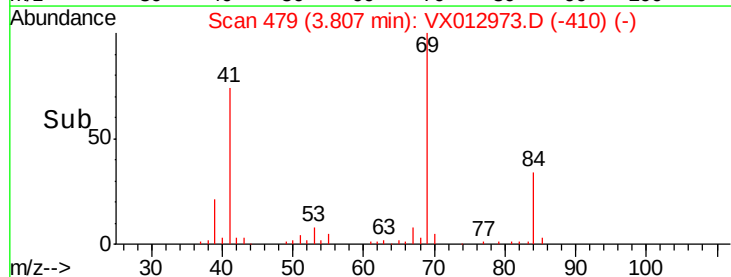
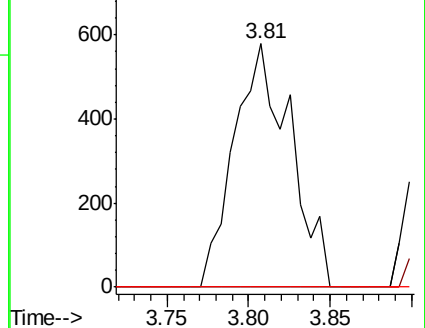
100 0.0 2.3 6.9#

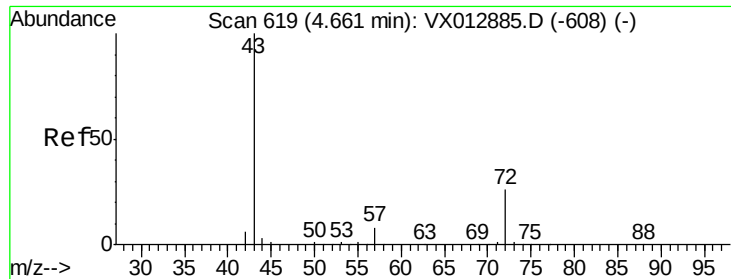


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 2.439 ug/l

RT: 4.53 min Scan# 597

Delta R.T. -0.13 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

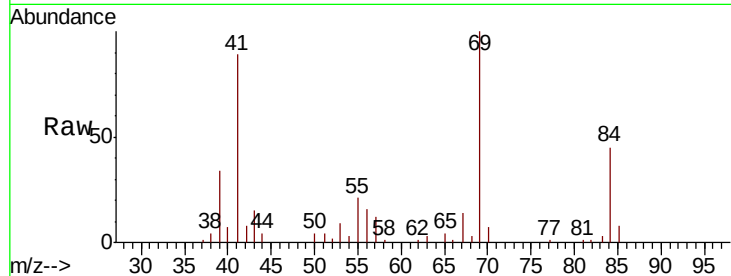
ClientSampled :

Tot Ion: 43 Resp: 3881

Ion Ratio Lower Upper

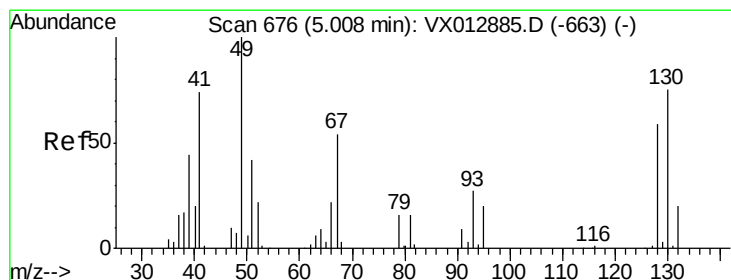
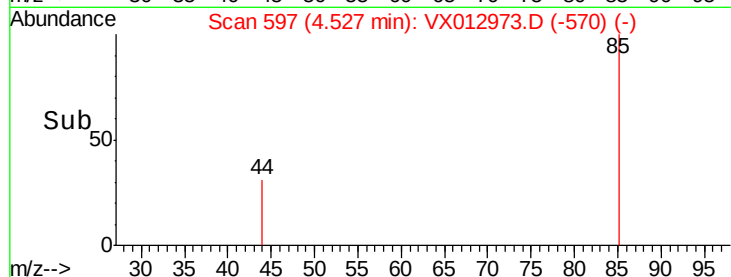
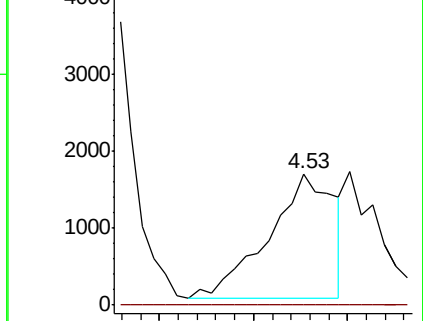
43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.26 min Scan# 718

Delta R.T. 0.26 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

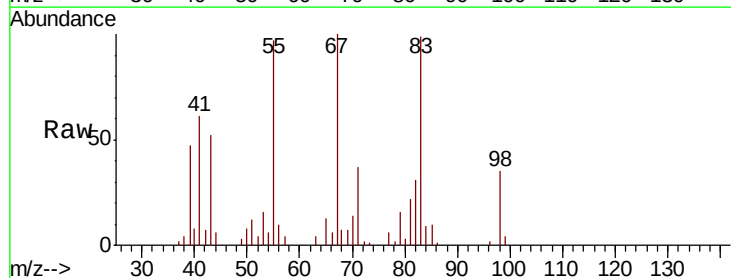
Tgt Ion: 49 Resp: 127

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

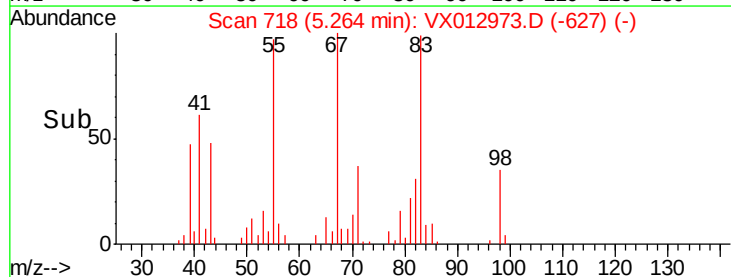
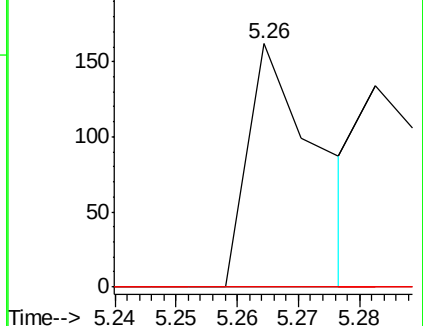
130 0.0 62.1 93.1#

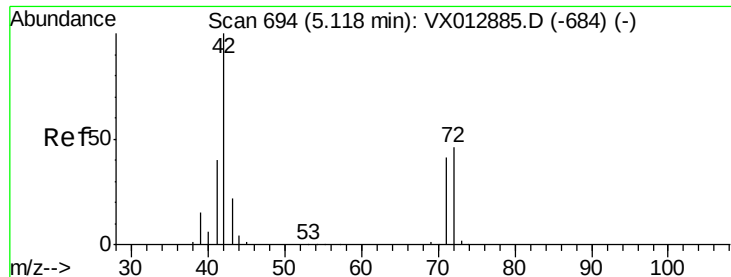


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

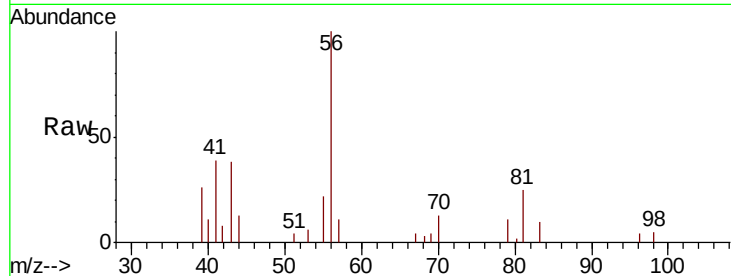




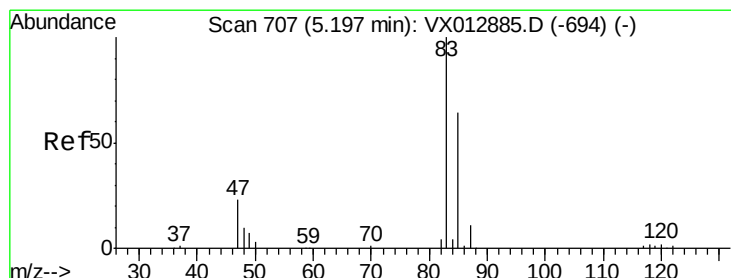
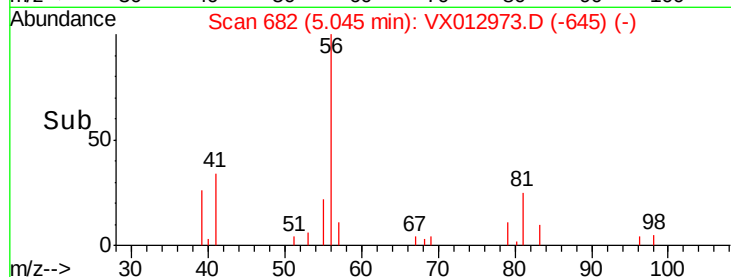
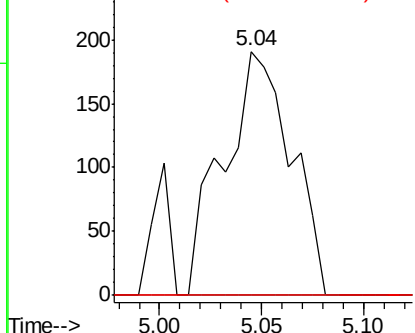
#29
Tetrahydrofuran
Concen: 0.450 ug/l
RT: 5.04 min Scan# 682
Delta R.T. -0.07 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 42 Resp: 441
Ion Ratio Lower Upper
42 100
72 0.0 36.9 55.3#
71 0.0 33.5 50.3#

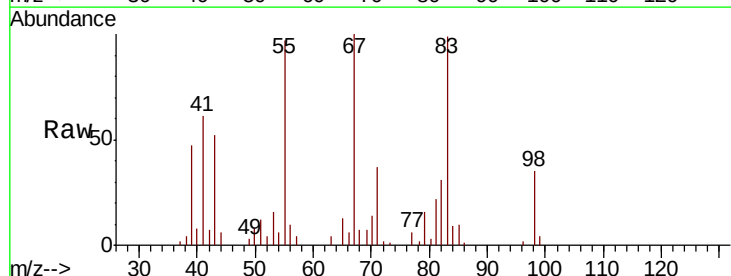


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

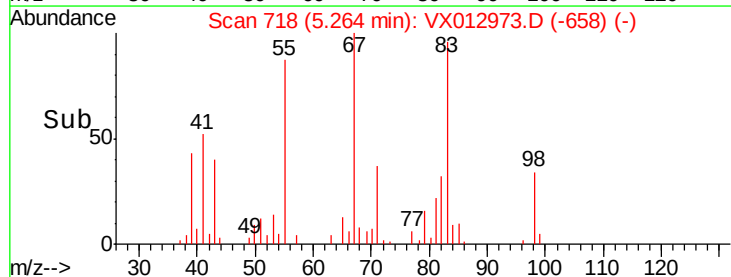
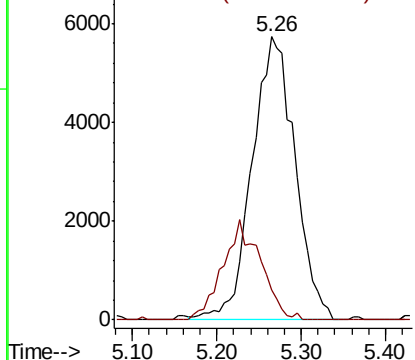


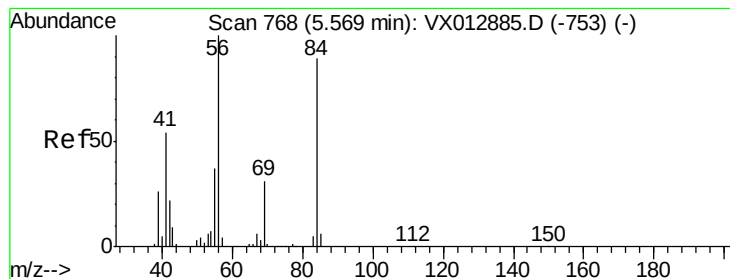
#30
Chloroform
Concen: 5.777 ug/l
RT: 5.26 min Scan# 718
Delta R.T. 0.07 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 83 Resp: 20019
Ion Ratio Lower Upper
83 100
85 10.4 51.5 77.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 84.481 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

ClientSampled :

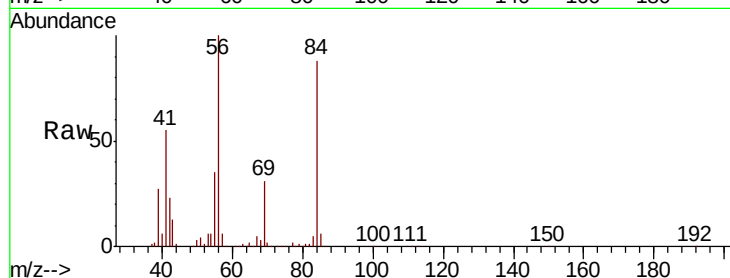
Tot Ion: 56 Resp: 266807

Ion Ratio Lower Upper

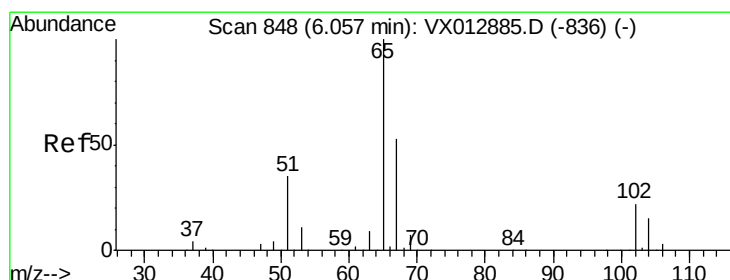
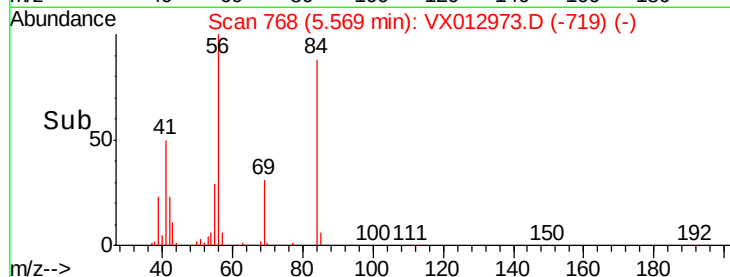
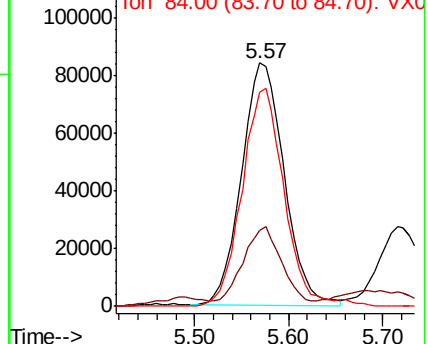
56 100

69 27.8 25.2 37.8

84 88.1 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.986 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX012973.D

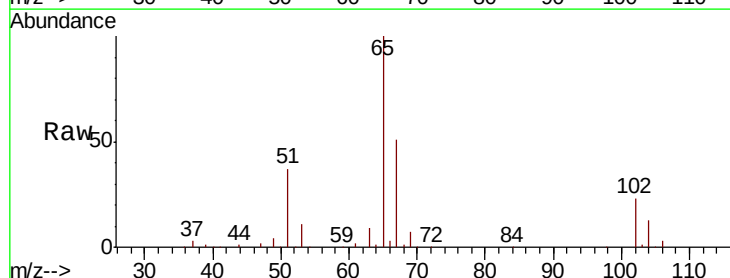
Acq: 10 Oct 2019 04:10

Tgt Ion: 65 Resp: 108768

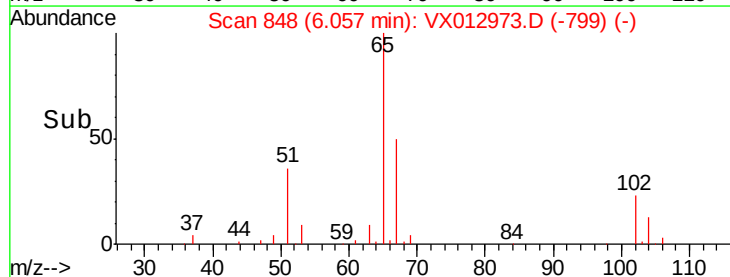
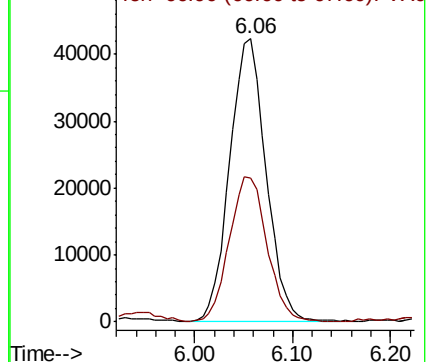
Ion Ratio Lower Upper

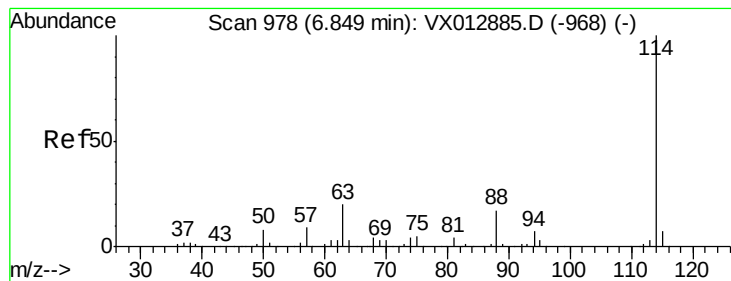
65 100

67 53.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

ClientSampleId :

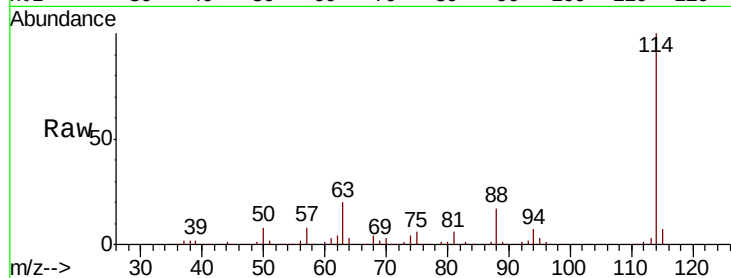
Tot Ion:114 Resp: 288793

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

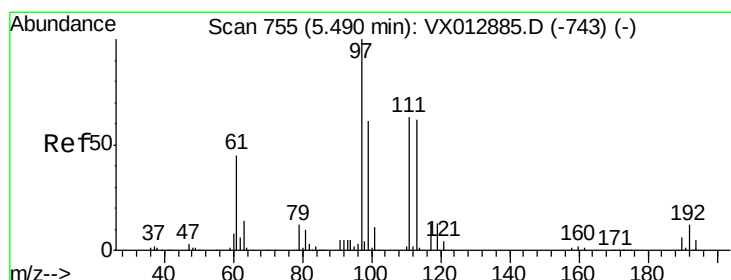
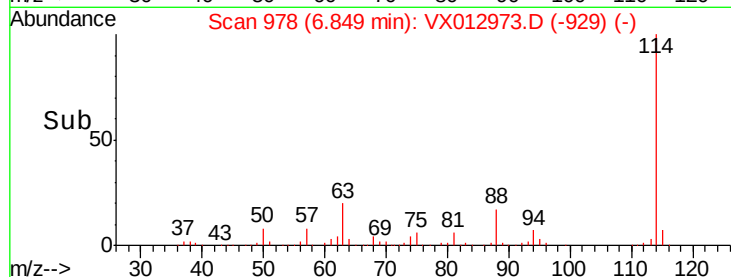
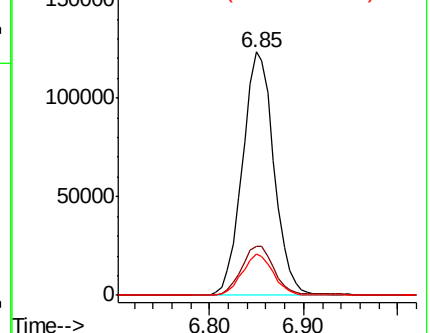
88 17.0 0.0 33.8



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: 51.425 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

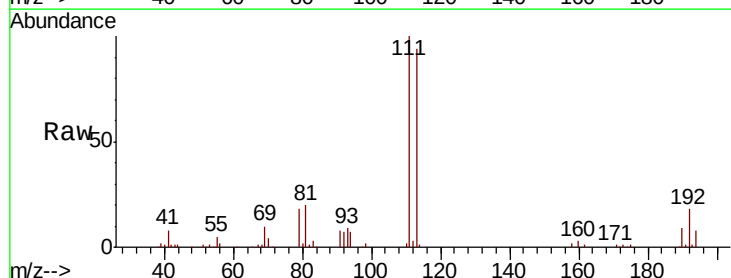
Tgt Ion:113 Resp: 85238

Ion Ratio Lower Upper

113 100

111 103.0 83.2 124.8

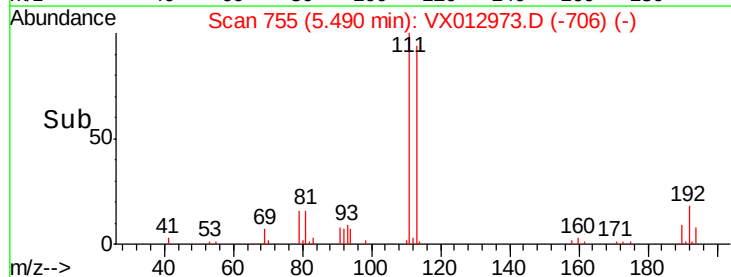
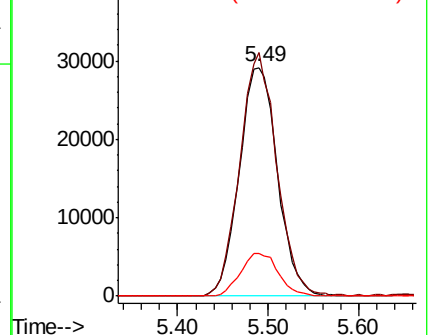
192 18.5 15.4 23.2

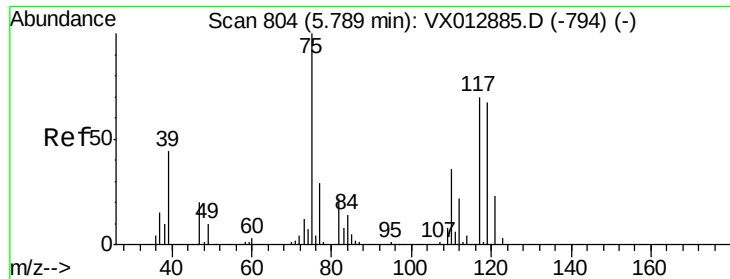


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

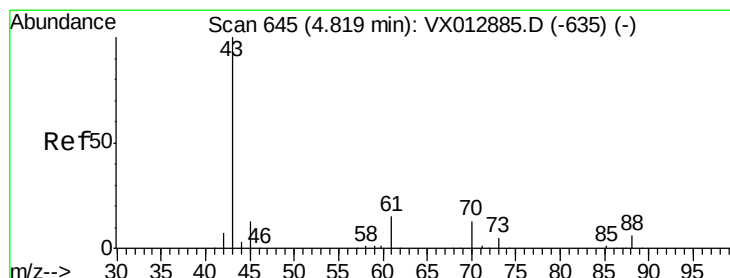
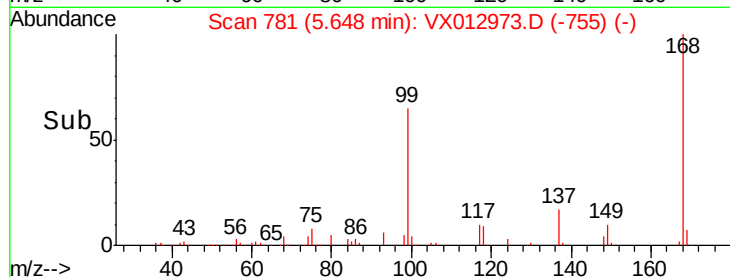
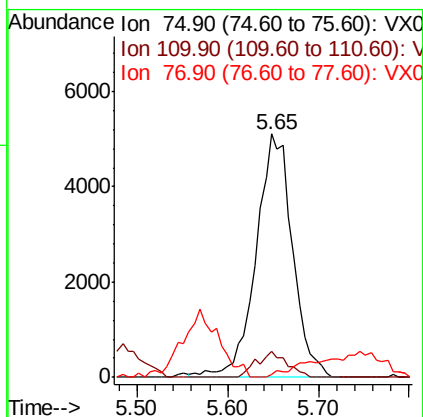
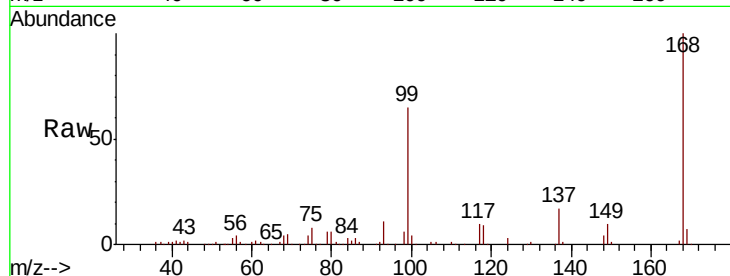




#36
 1,1-Dichloropropene
 Concen: 5.579 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

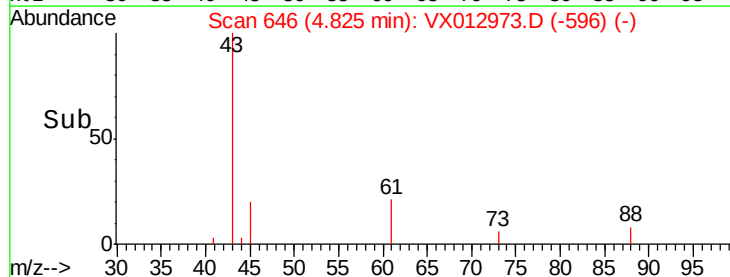
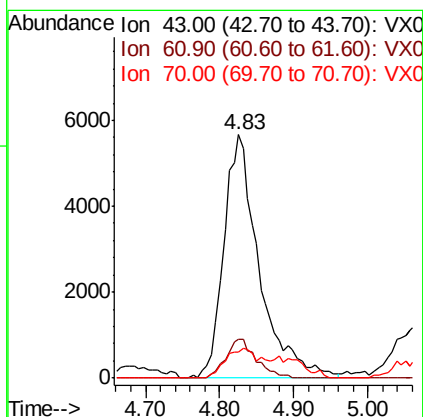
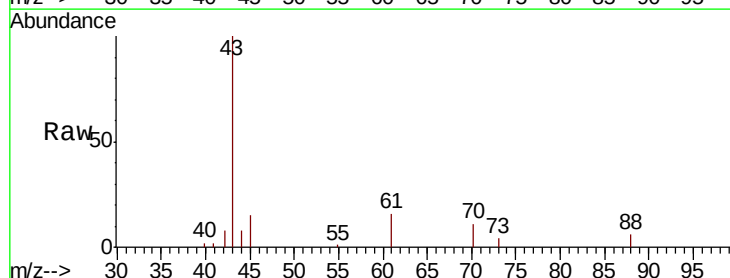
Instrument :
 MSVOA_X
 ClientSampleId :

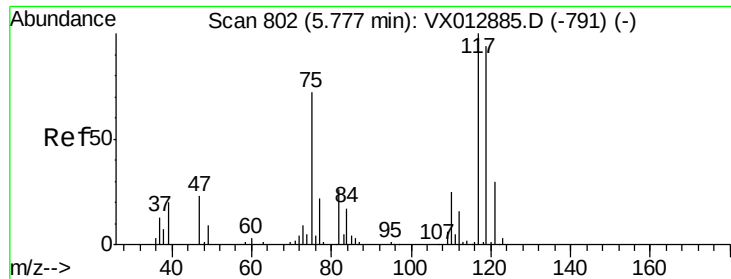
Tot Ion: 75 Resp: 14166
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.6 52.9#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 6.605 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion: 43 Resp: 18754
 Ion Ratio Lower Upper
 43 100
 61 13.7 11.4 17.0
 70 12.3 9.8 14.6





#38

Carbon Tetrachloride

Concen: 7.446 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

ClientSampled :

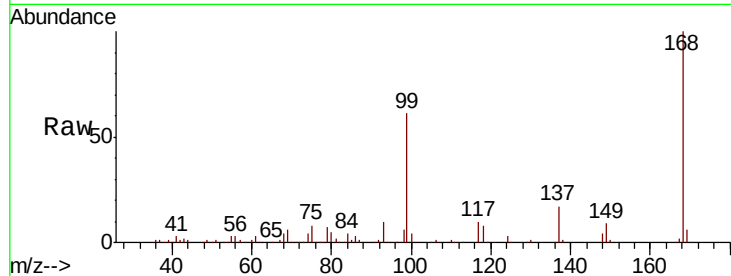
Tot Ion:117 Resp: 18401

Ion Ratio Lower Upper

117 100

119 4.9 74.5 111.7#

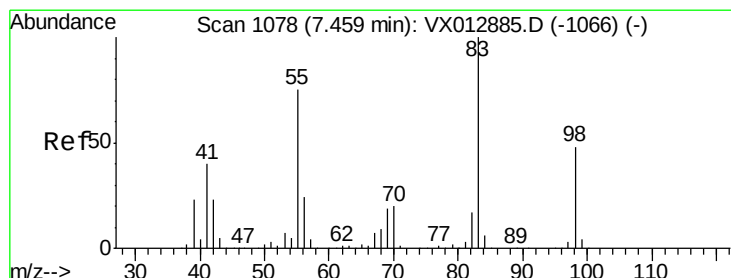
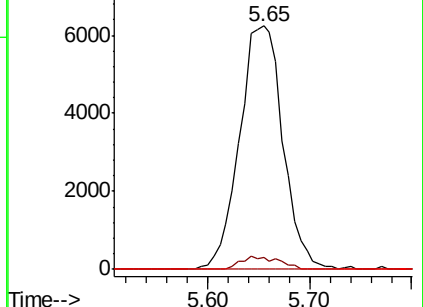
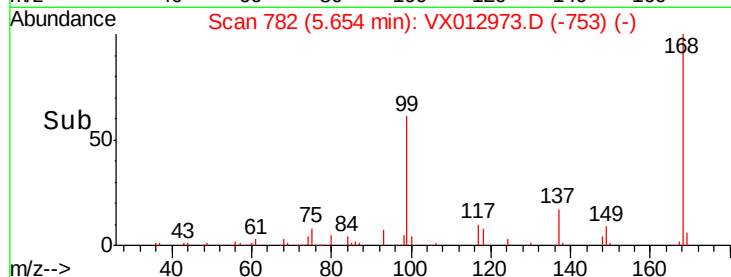
121 0.0 24.2 36.4#



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: 58.091 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

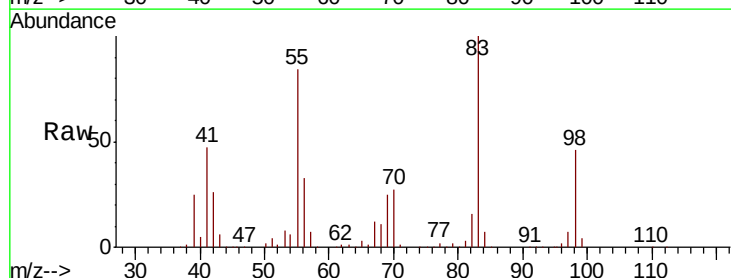
Tgt Ion: 83 Resp: 178874

Ion Ratio Lower Upper

83 100

55 84.2 60.2 90.4

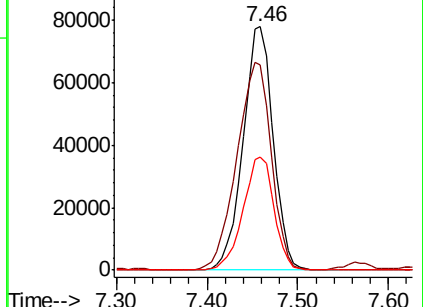
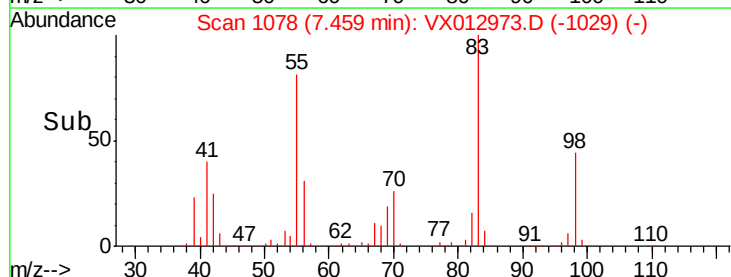
98 46.3 38.5 57.7

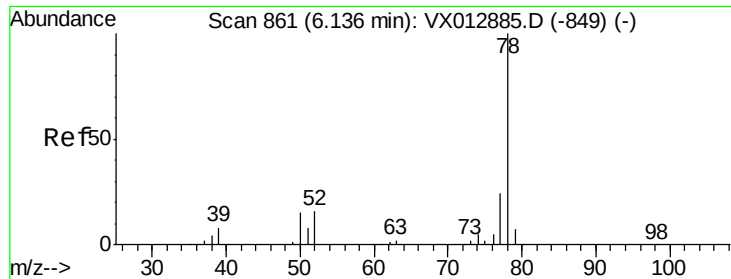


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 115.332 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

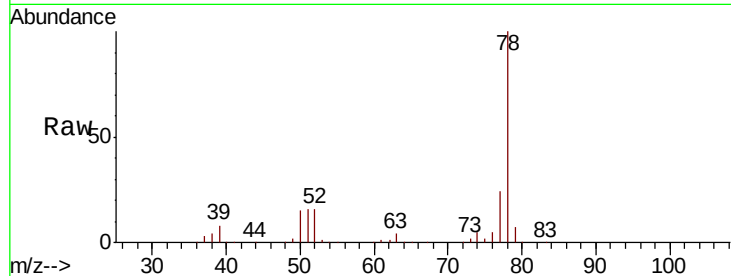
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 864899

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

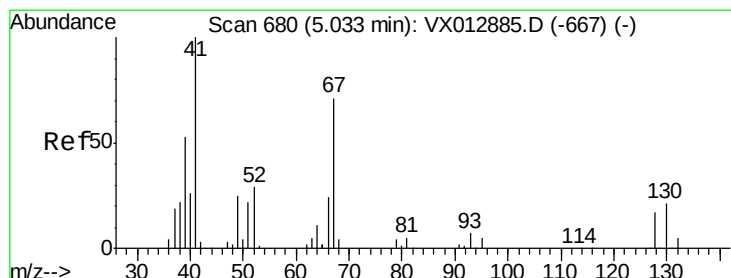
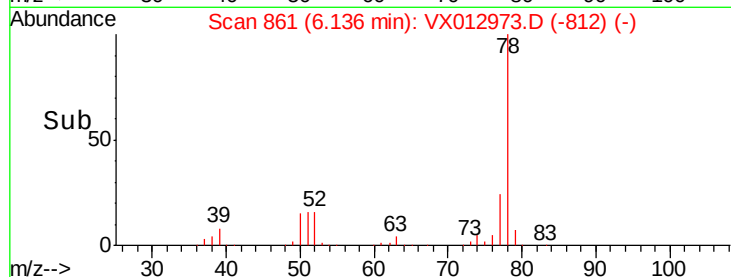
300000

200000

100000

0

Time-->



#41

Methacrylonitrile

Concen: 2.750 ug/l

RT: 5.05 min Scan# 683

Delta R.T. 0.02 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Tgt Ion: 41 Resp: 4290

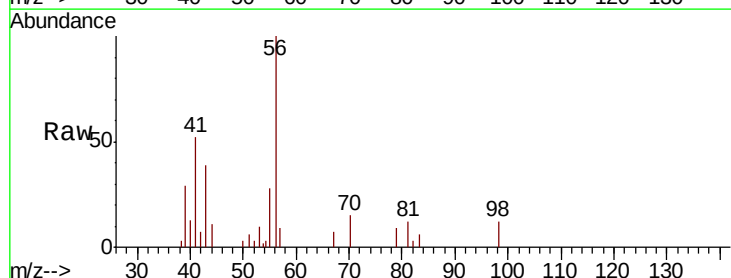
Ion Ratio Lower Upper

41 100

39 33.9 44.0 66.0#

67 0.0 58.5 87.7#

52 0.0 23.8 35.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

2500

2000

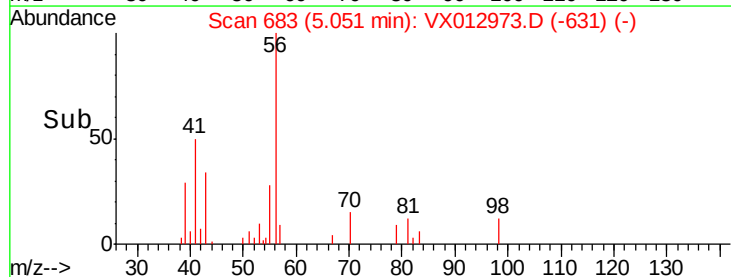
1500

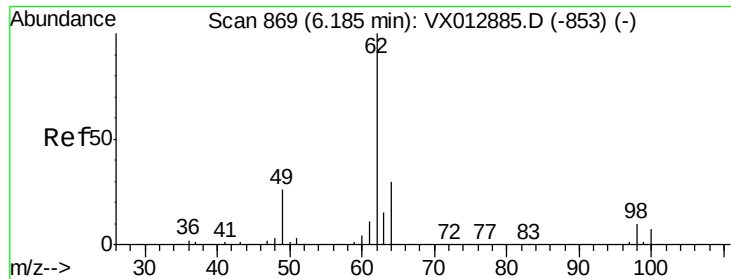
1000

500

0

Time-->

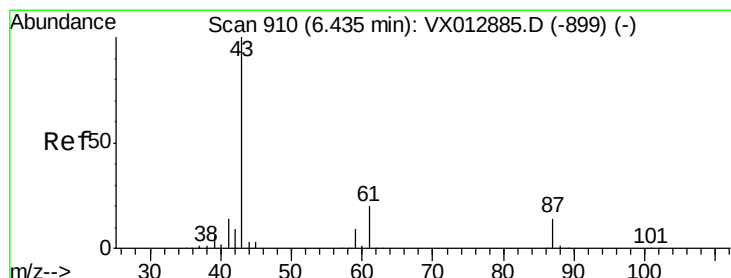
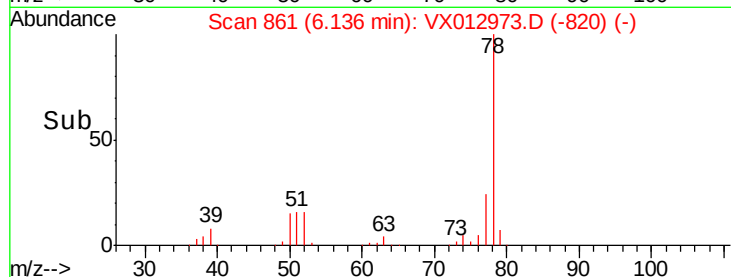
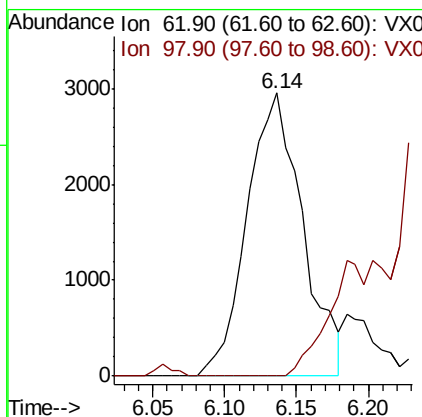
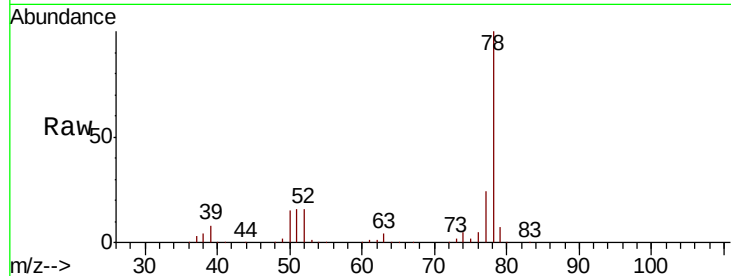




#42
 1,2-Dichloroethane
 Concen: 2.948 ug/l
 RT: 6.14 min Scan# 861
 Delta R.T. -0.05 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

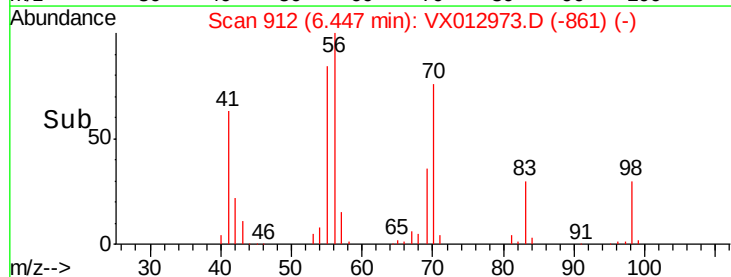
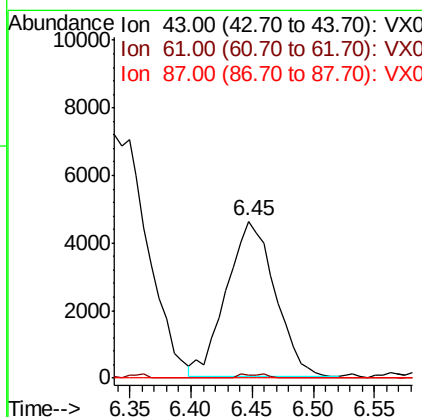
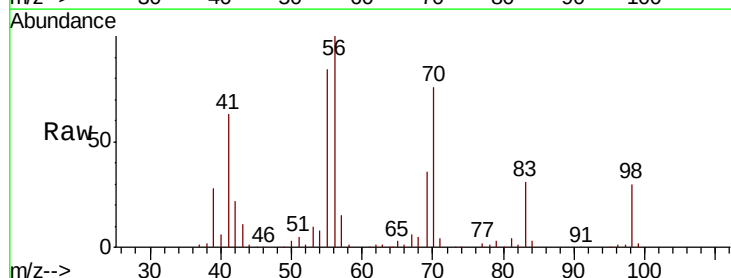
Instrument :
 MSVOA_X
 ClientSampleId :

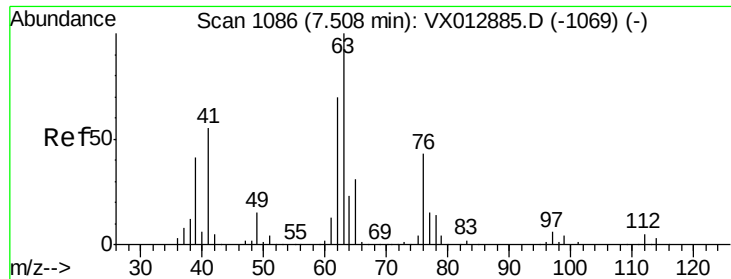
Tot Ion: 62 Resp: 7934
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 20.4



#43
 Isopropyl Acetate
 Concen: 2.782 ug/l
 RT: 6.45 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion: 43 Resp: 12676
 Ion Ratio Lower Upper
 43 100
 61 1.5 16.6 24.8#
 87 0.0 11.0 16.6#

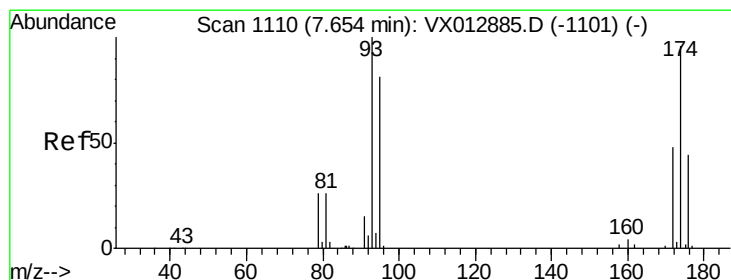
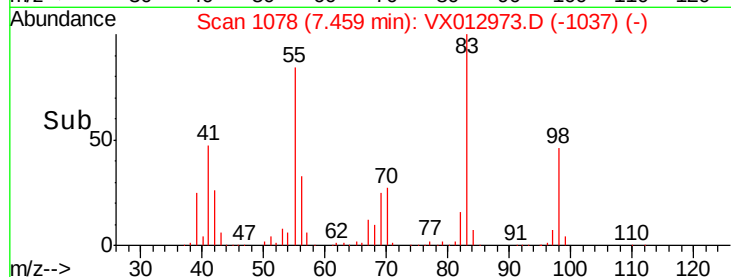
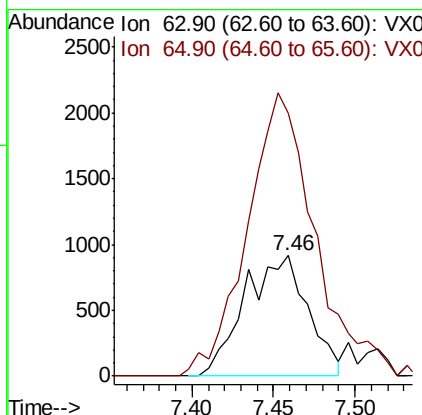
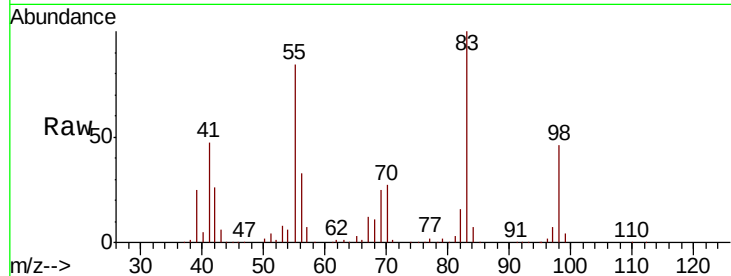




#45
 1,2-Dichloropropane
 Concen: 1.297 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.05 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

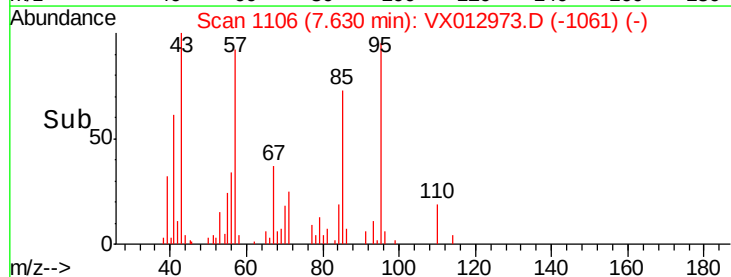
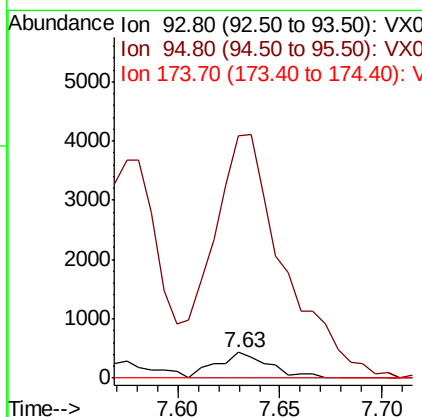
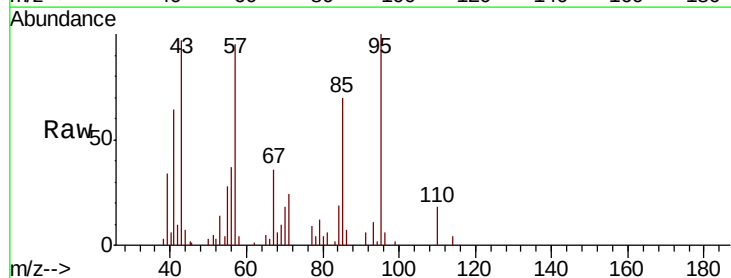
Instrument :
 MSVOA_X
 ClientSampleId :

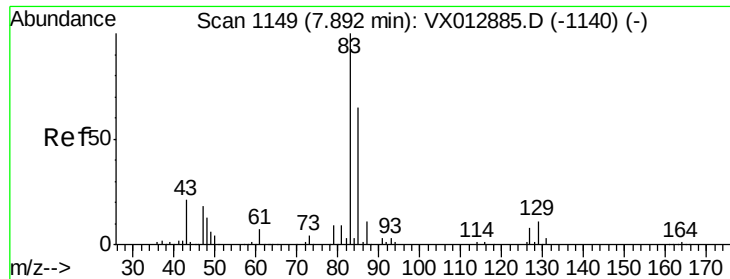
Tot Ion: 63 Resp: 2479
 Ion Ratio Lower Upper
 63 100
 65 212.0 24.6 37.0#



#46
 Dibromomethane
 Concen: 0.611 ug/l
 RT: 7.63 min Scan# 1106
 Delta R.T. -0.02 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion: 93 Resp: 778
 Ion Ratio Lower Upper
 93 100
 95 1297.8 66.3 99.5#
 174 0.0 77.8 116.6#





#47

Bromodichloromethane

Concen: 1.165 ug/l

RT: 7.84 min Scan# 1140

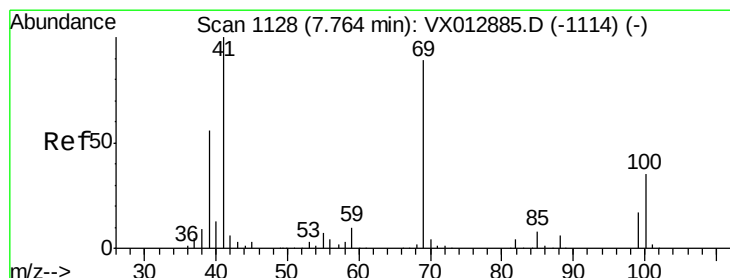
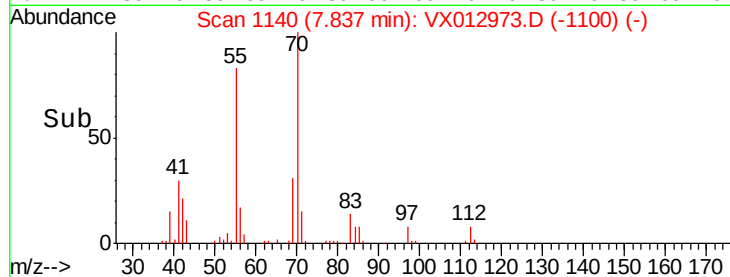
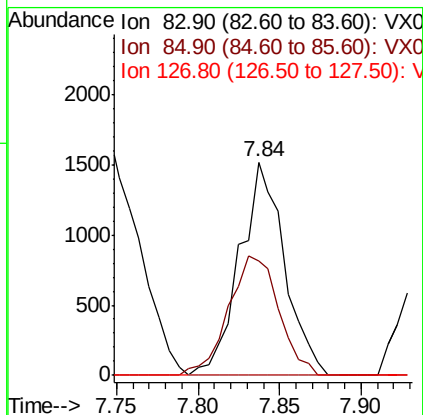
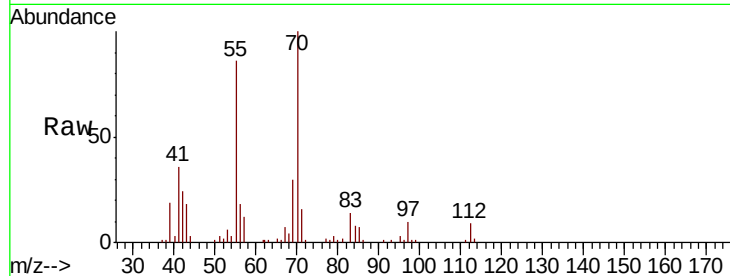
Delta R.T. -0.06 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	83	Resp:	2894
Ion	Ratio	Lower	Upper
83	100		
85	53.3	52.4	78.6
127	0.0	6.6	10.0#



#48

Methyl methacrylate

Concen: 12.481 ug/l

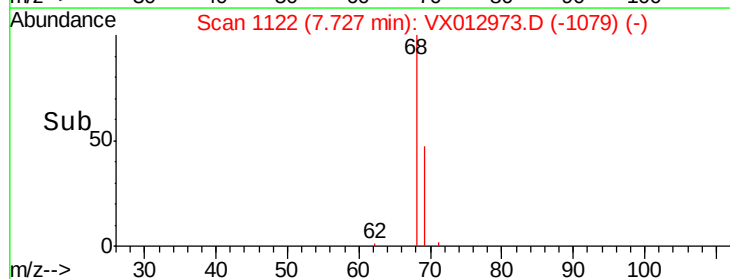
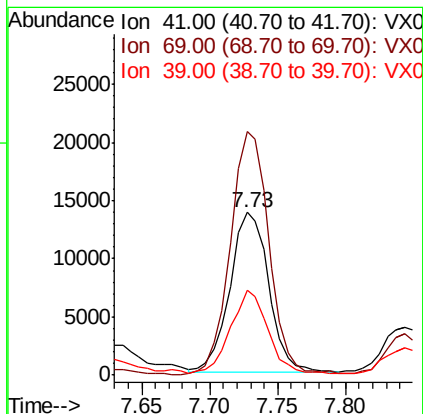
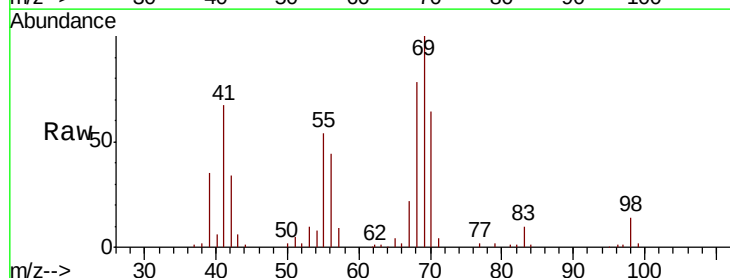
RT: 7.73 min Scan# 1122

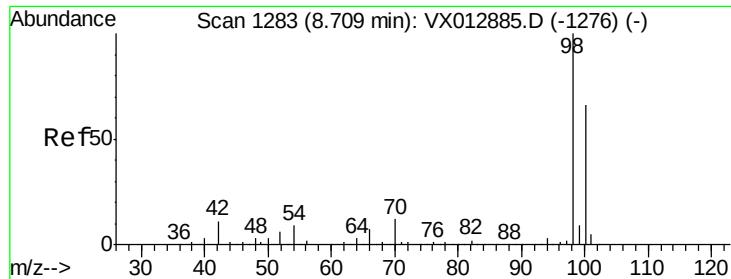
Delta R.T. -0.04 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Tgt Ion:	41	Resp:	27716
Ion	Ratio	Lower	Upper
41	100		
69	151.0	68.7	103.1#
39	47.9	44.3	66.5

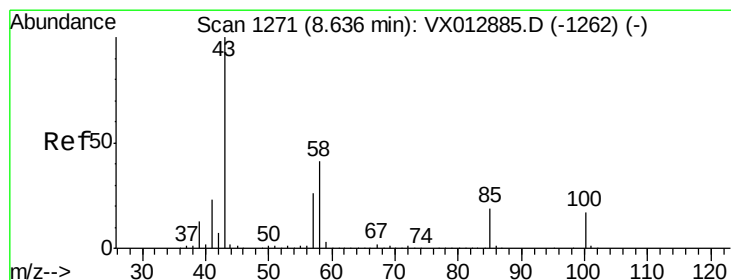
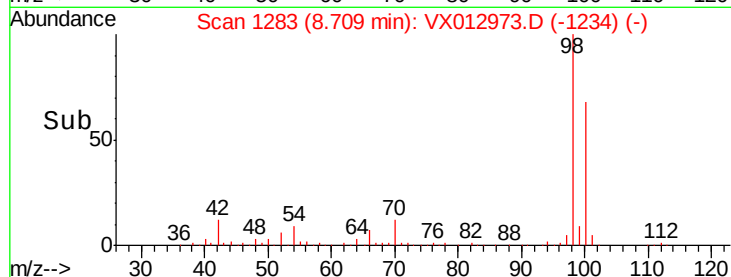
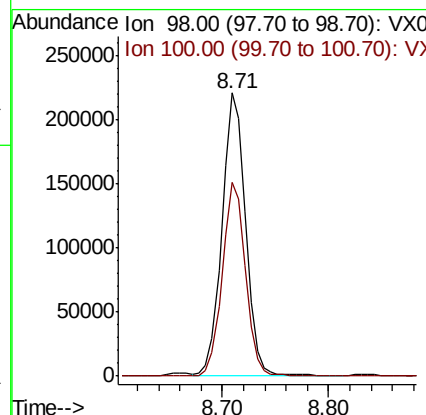
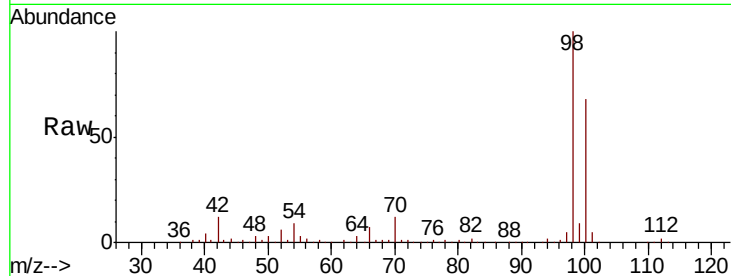




#50
Toluene-d8
Concen: 52.170 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

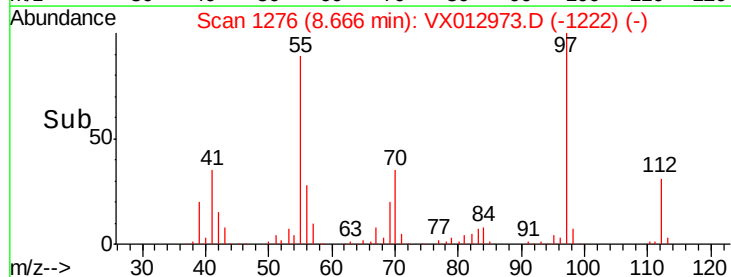
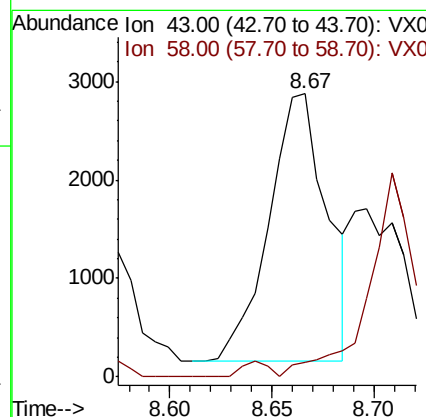
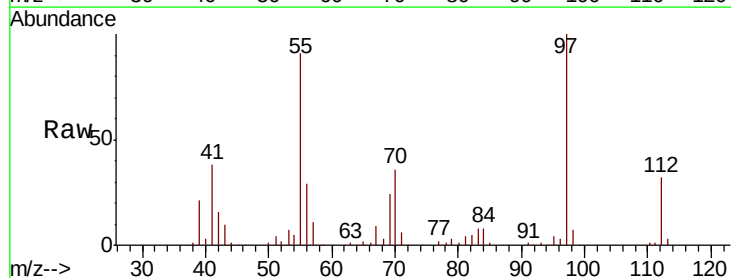
Instrument :
MSVOA_X
ClientSampled :

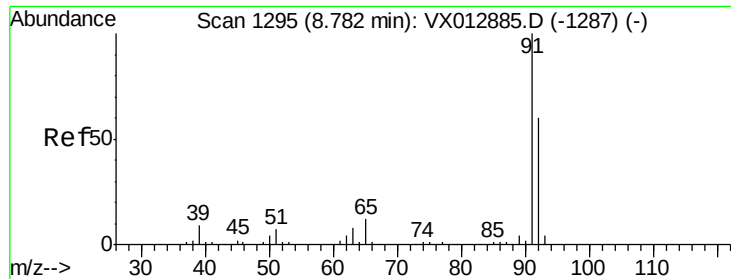
Tot Ion: 98 Resp: 337266
Ion Ratio Lower Upper
98 100
100 68.1 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 1.892 ug/l
RT: 8.67 min Scan# 1276
Delta R.T. 0.03 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 43 Resp: 5375
Ion Ratio Lower Upper
43 100
58 0.0 32.4 48.6#





#52

Toluene

Concen: 6.517 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

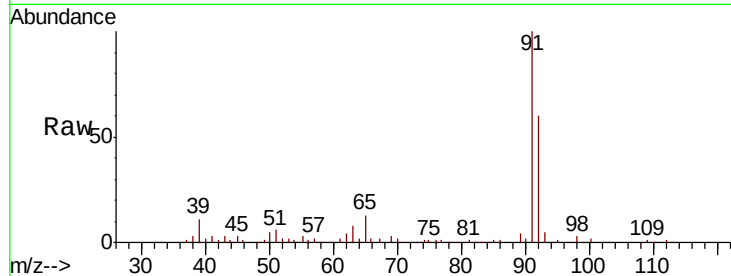
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 31265

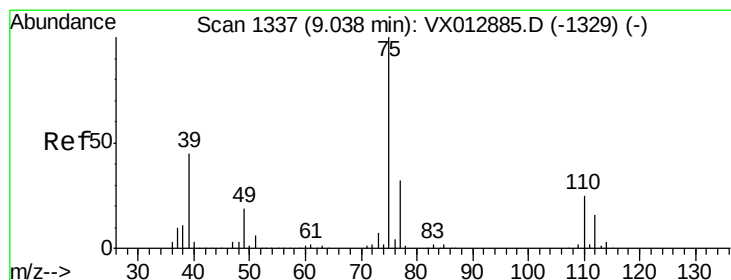
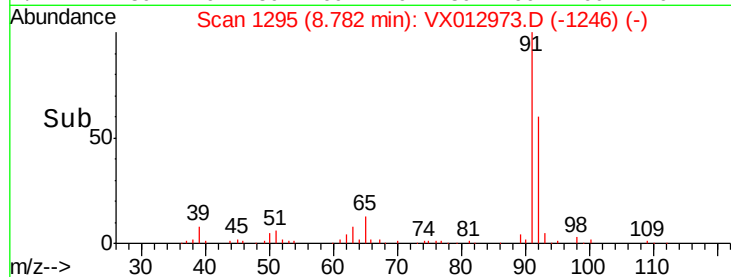
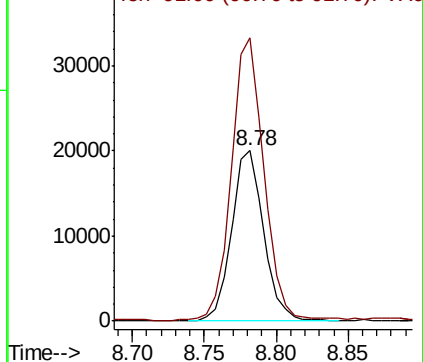
Ion Ratio Lower Upper

92 100

91 167.3 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 2.183 ug/l

RT: 9.05 min Scan# 1339

Delta R.T. 0.01 min

Lab File: VX012973.D

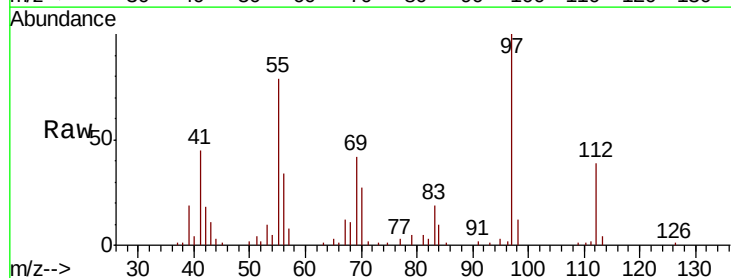
Acq: 10 Oct 2019 04:10

Tgt Ion: 75 Resp: 45

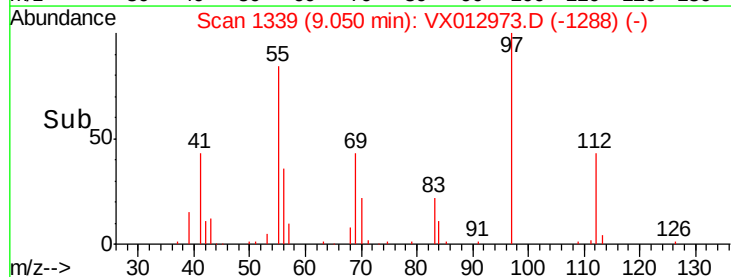
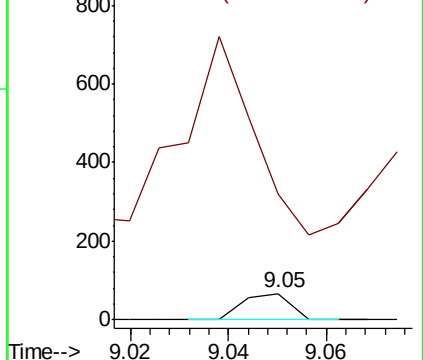
Ion Ratio Lower Upper

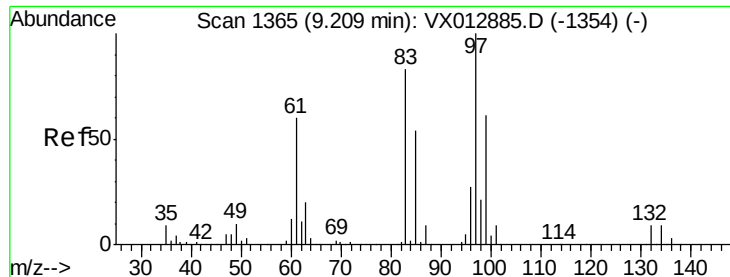
75 100

77 116.7 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0

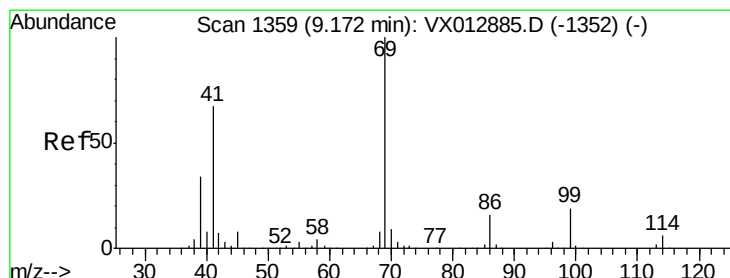
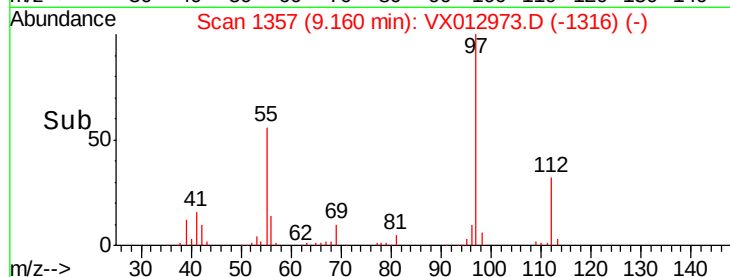
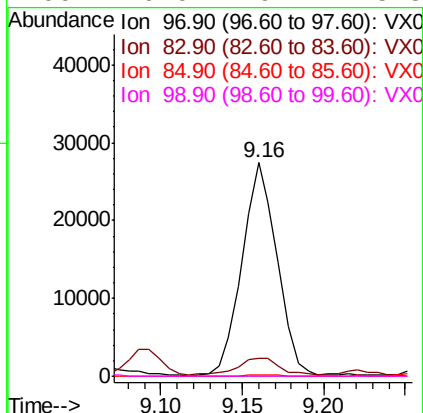
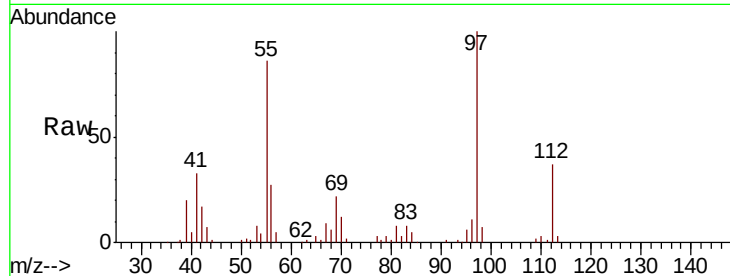




#55
 1,1,2-Trichloroethane
 Concen: 21.561 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

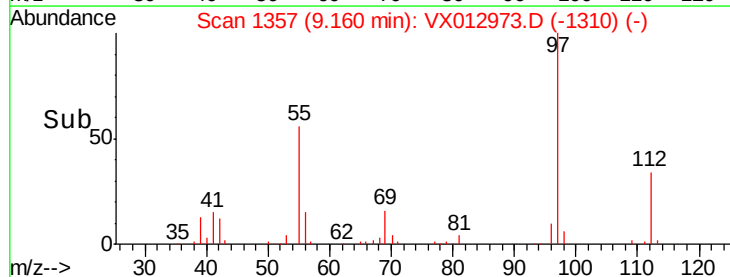
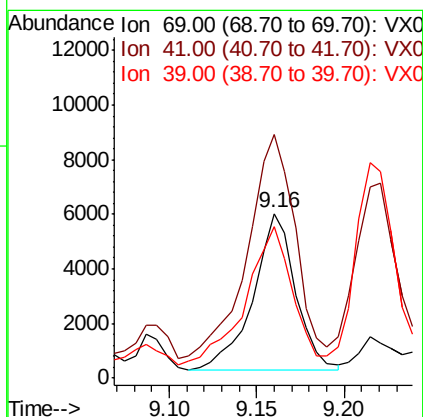
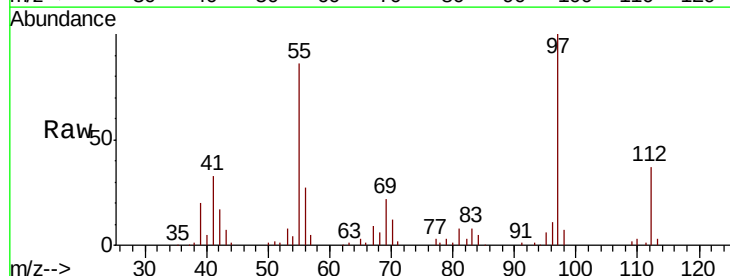
Instrument :
 MSVOA_X
 ClientSampleId :

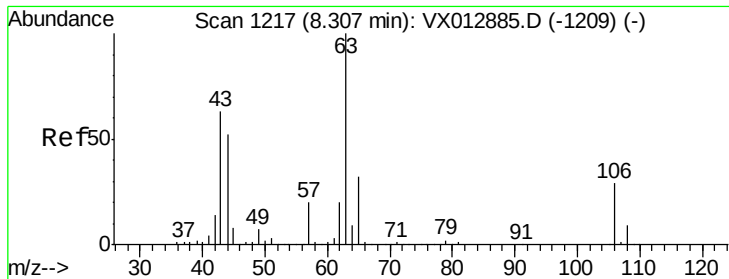
Tot Ion	Ratio	Lower	Upper
97	100		
83	7.8	66.5	99.7#
85	0.4	43.1	64.7#
99	0.0	49.2	73.8#



#56
 Ethyl methacrylate
 Concen: 4.565 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	153.8	52.1	78.1#
39	96.6	27.8	41.8#

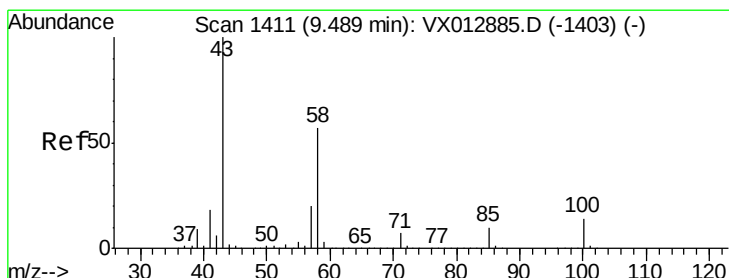
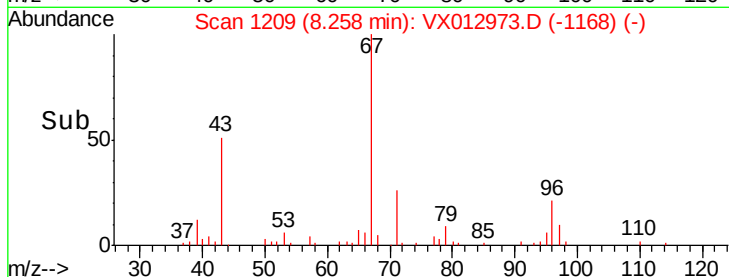
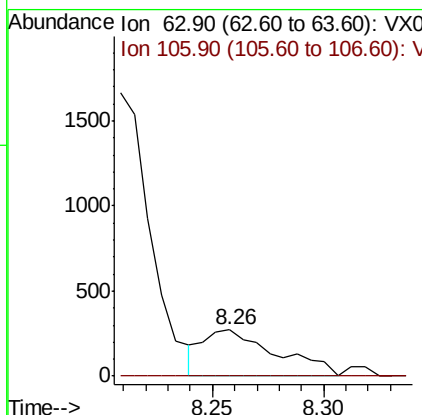
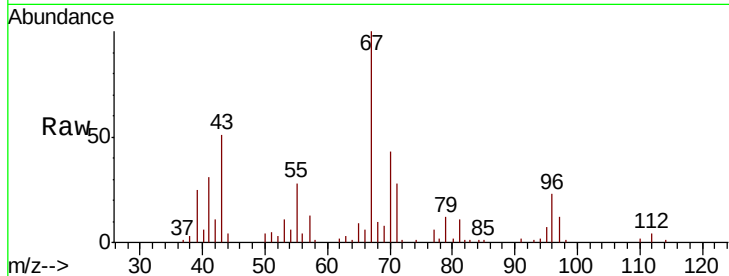




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.444 ug/l
 RT: 8.26 min Scan# 1209
 Delta R.T. -0.05 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

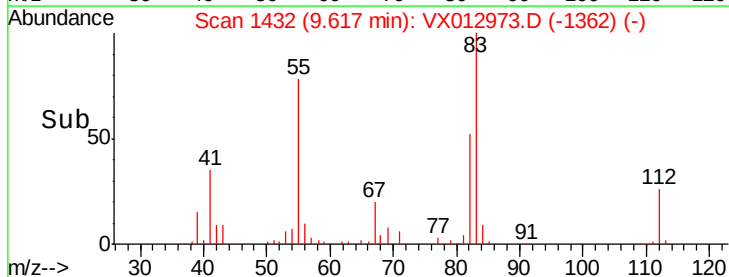
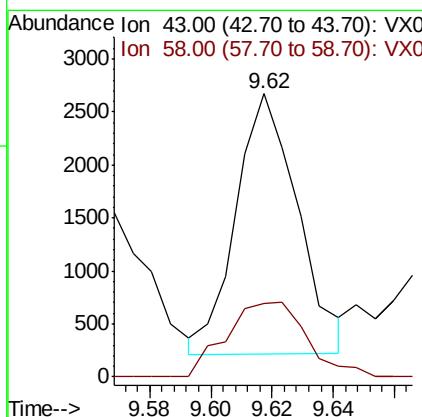
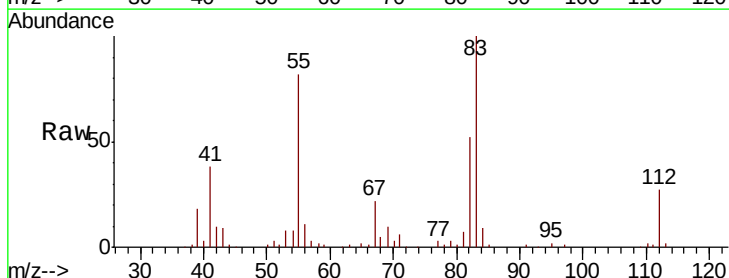
Instrument :
 MSVOA_X
 ClientSampled :

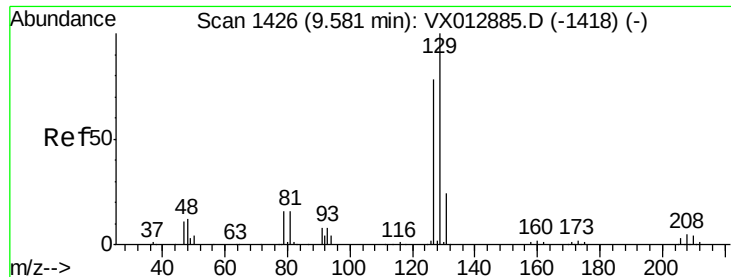
Tot Ion: 63 Resp: 619
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.8 35.8#



#59
 2-Hexanone
 Concen: 1.560 ug/l
 RT: 9.62 min Scan# 1432
 Delta R.T. 0.13 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion: 43 Resp: 3451
 Ion Ratio Lower Upper
 43 100
 58 37.1 28.1 84.3

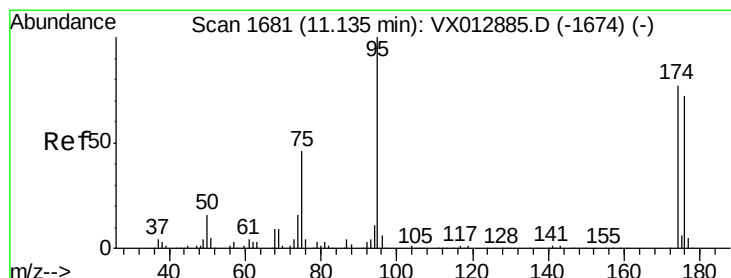
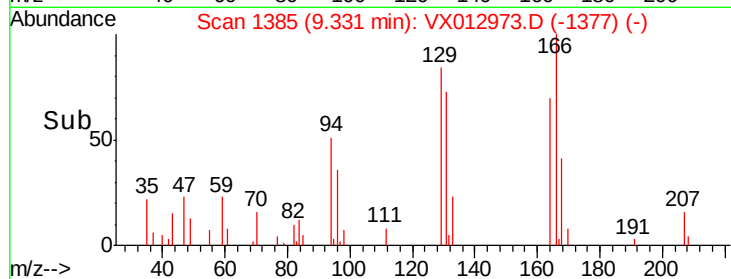
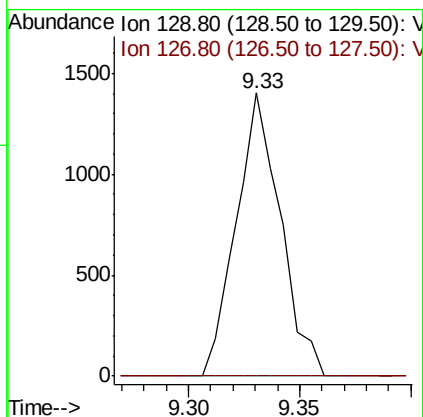
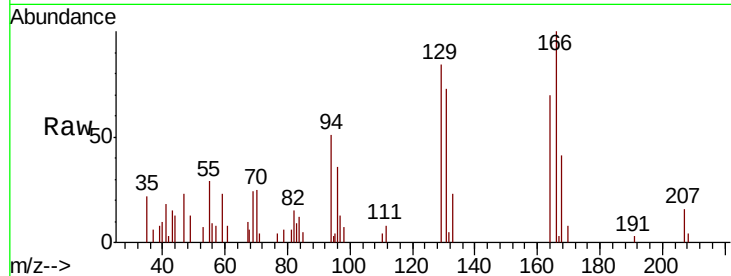




#60
Dibromochloromethane
Concen: 2.741 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.25 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

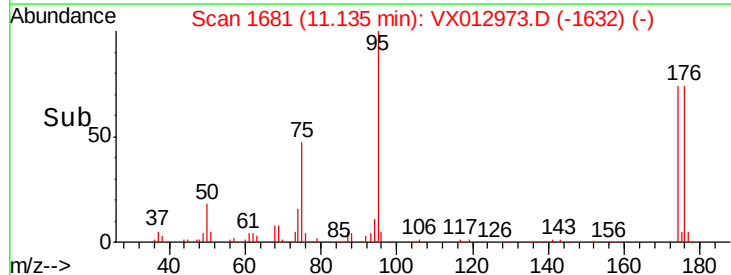
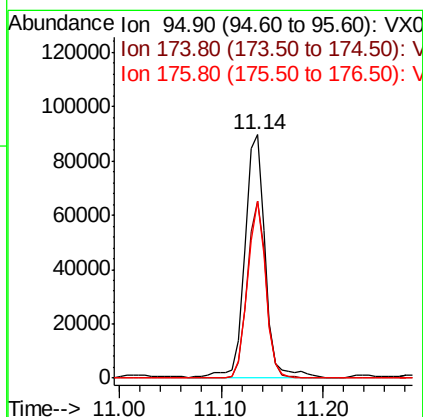
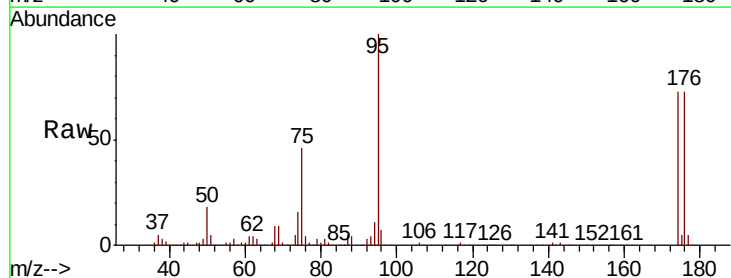
Instrument :
MSVOA_X
ClientSampleId :

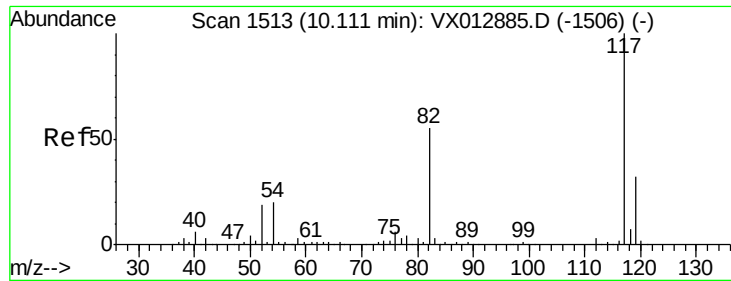
Tot Ion:129 Resp: 1939
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#



#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 95 Resp: 122163
Ion Ratio Lower Upper
95 100
174 67.7 0.0 143.4
176 66.0 0.0 136.0

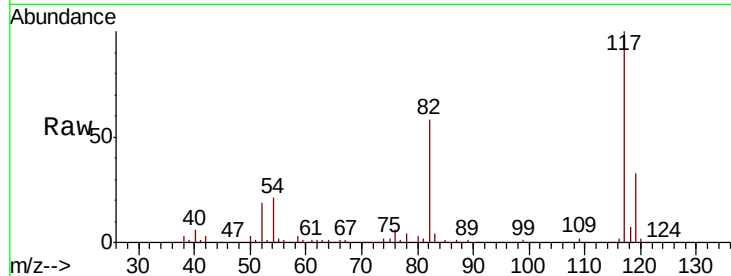




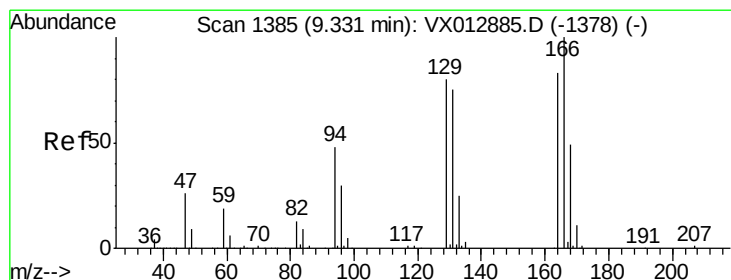
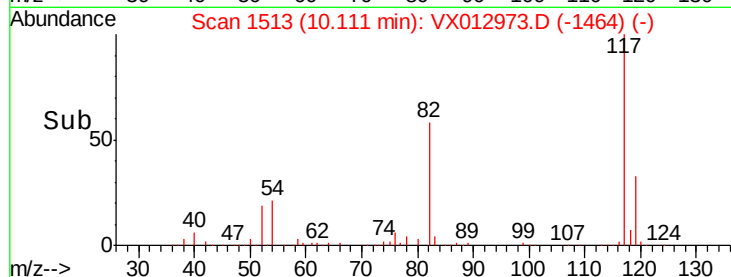
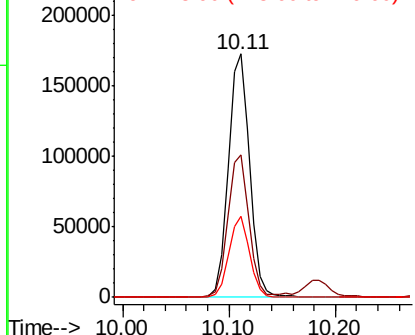
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 241374
Ion Ratio Lower Upper
117 100
82 58.1 44.1 66.1
119 33.1 25.8 38.8

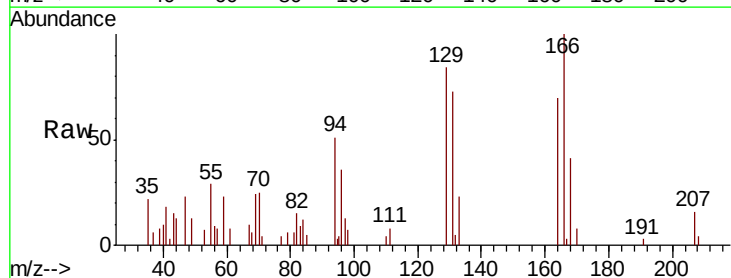


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

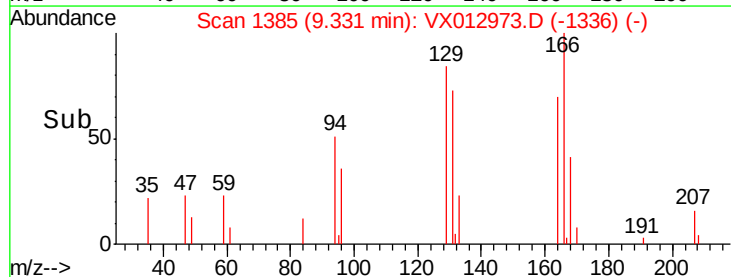
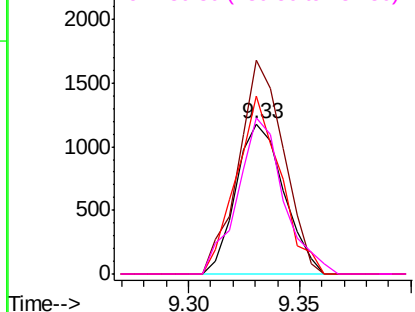


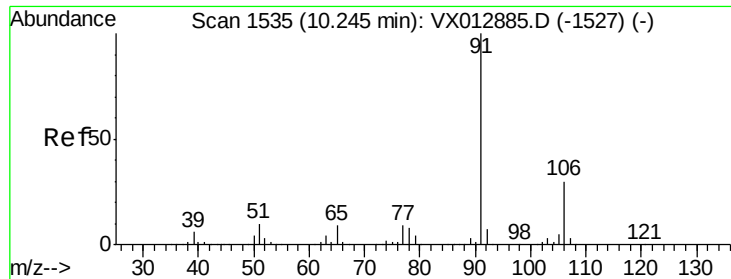
#64
Tetrachloroethene
Concen: 1.055 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion:164 Resp: 1766
Ion Ratio Lower Upper
164 100
166 142.0 96.9 145.3
129 118.6 77.9 116.9#
131 103.6 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

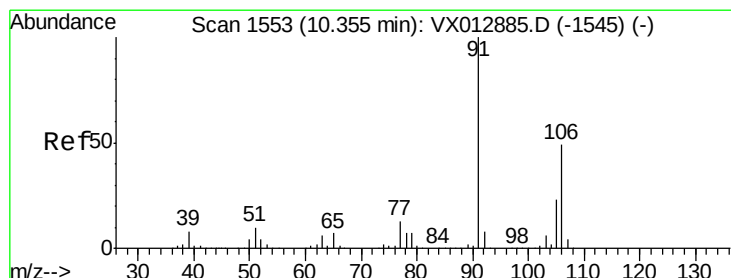
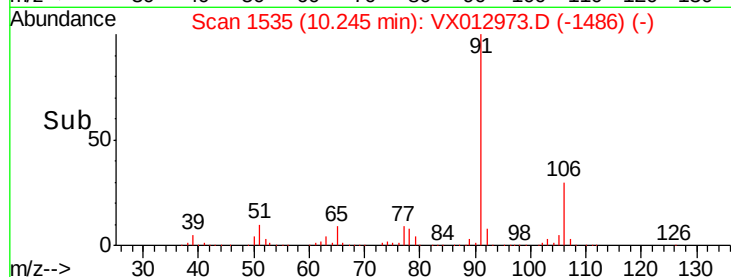
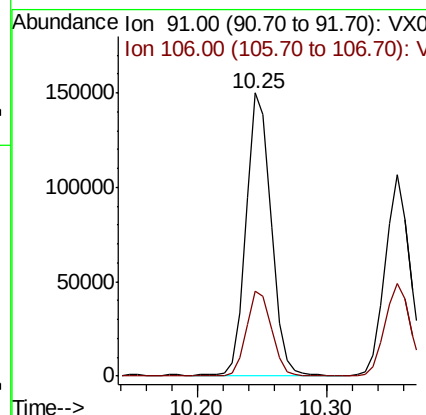
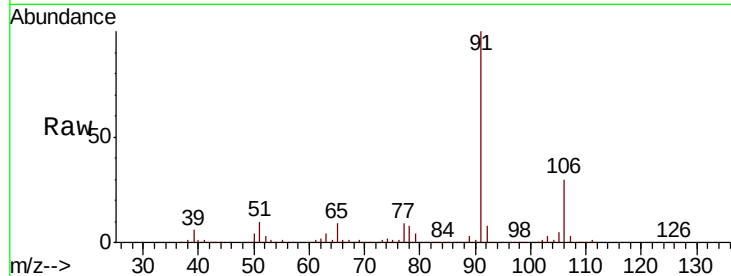




#67
Ethyl Benzene
Concen: 23.373 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

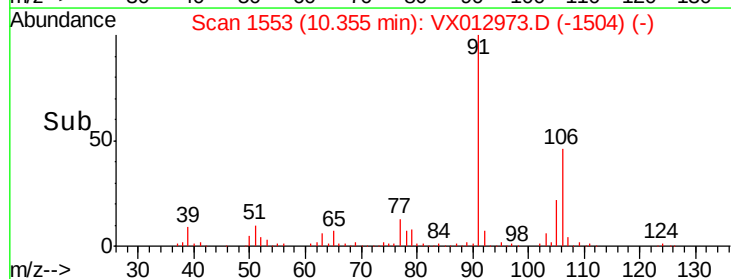
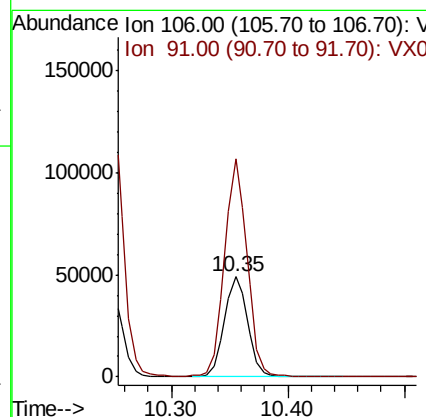
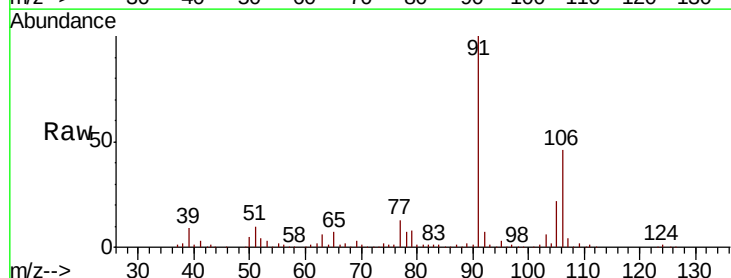
Instrument :
MSVOA_X
ClientSampleId :

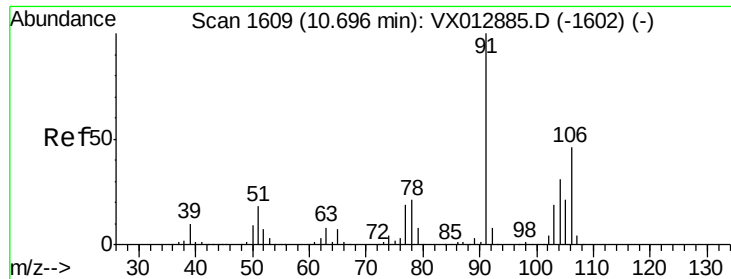
Tot Ion: 91 Resp: 199002
Ion Ratio Lower Upper
91 100
106 30.1 23.9 35.9



#68
m/p-Xylenes
Concen: 21.274 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 106 Resp: 67669
Ion Ratio Lower Upper
106 100
91 208.5 165.3 247.9

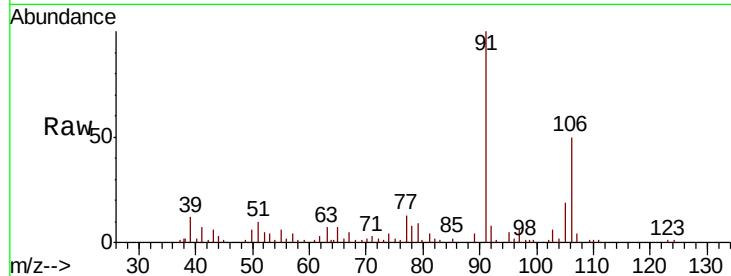




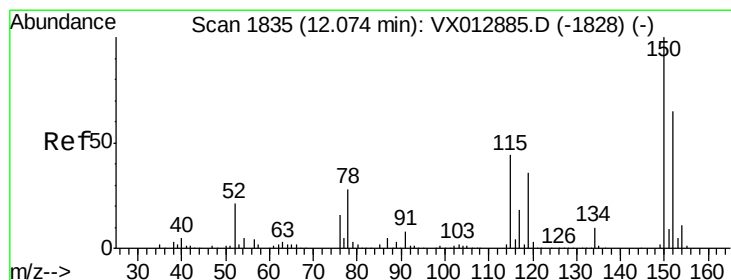
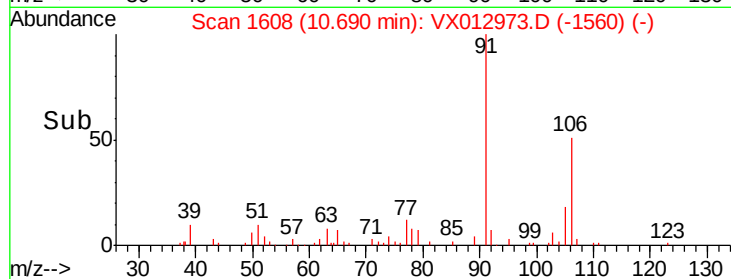
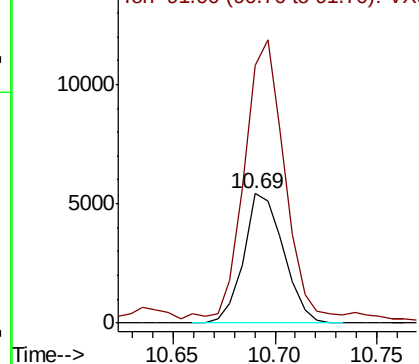
#69
o-Xylene
Concen: 2.358 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 7315
Ion Ratio Lower Upper
106 100
91 214.3 109.1 327.3

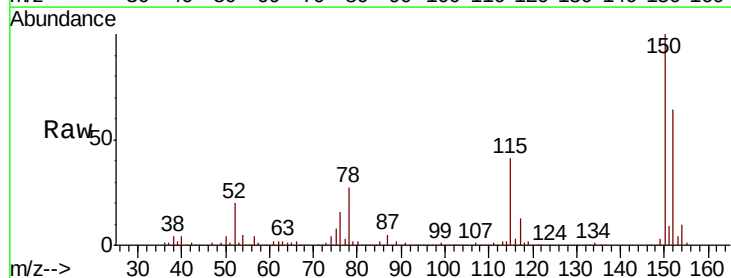


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

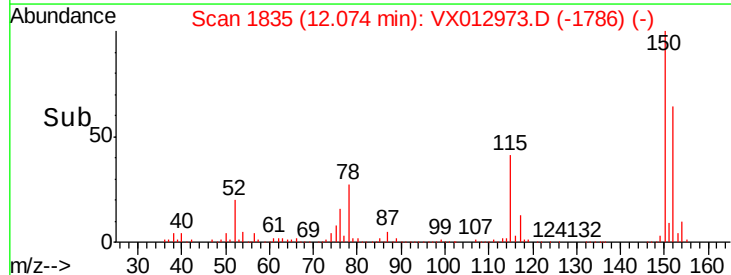
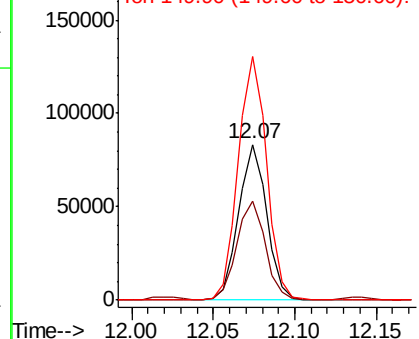


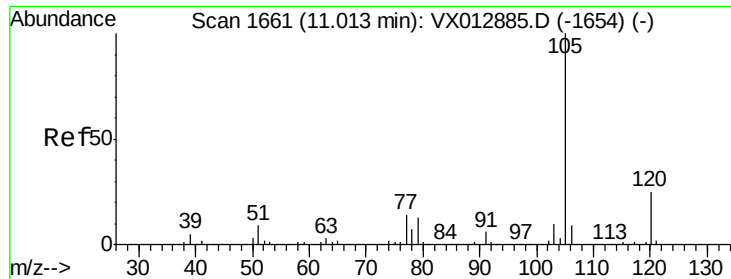
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion:152 Resp: 99933
Ion Ratio Lower Upper
152 100
115 64.3 44.5 133.5
150 158.5 0.0 353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.848 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

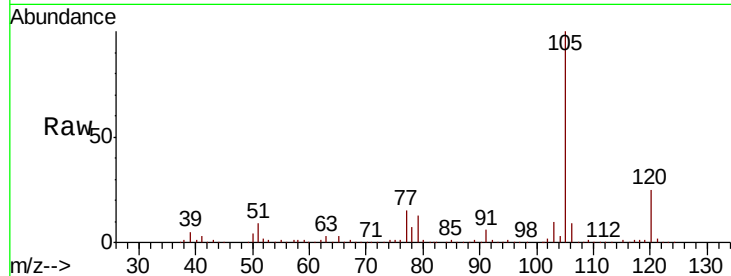
ClientSampleId :

Tot Ion:105 Resp: 131131

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

100000

80000

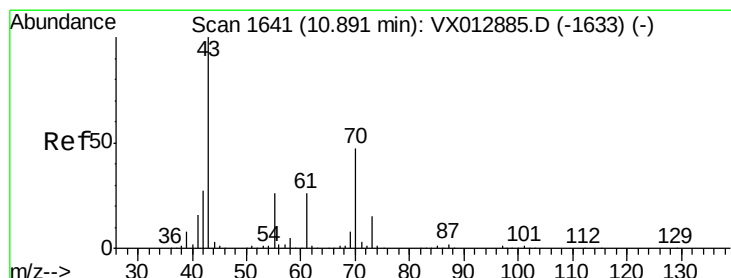
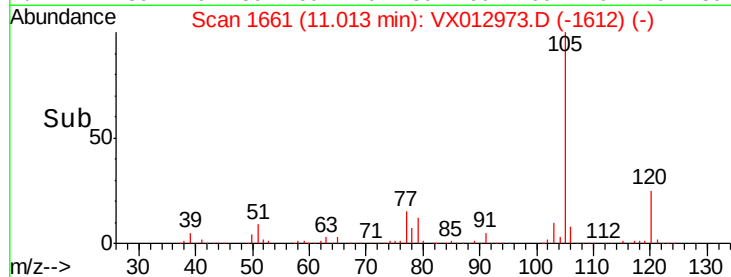
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 0.241 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Tgt Ion: 43 Resp: 762

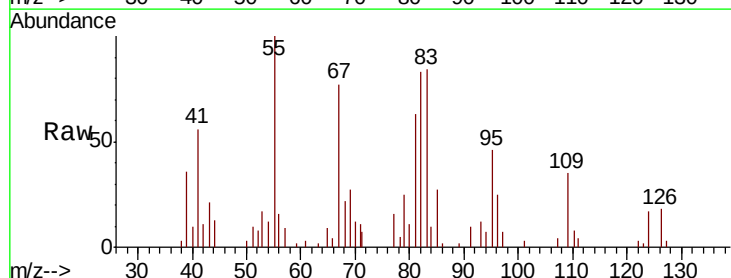
Ion Ratio Lower Upper

43 100

70 176.4 36.4 54.6#

55 646.1 20.2 30.2#

61 0.0 20.5 30.7#



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

4000

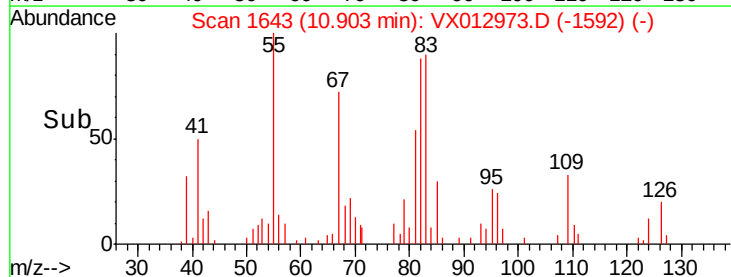
3000

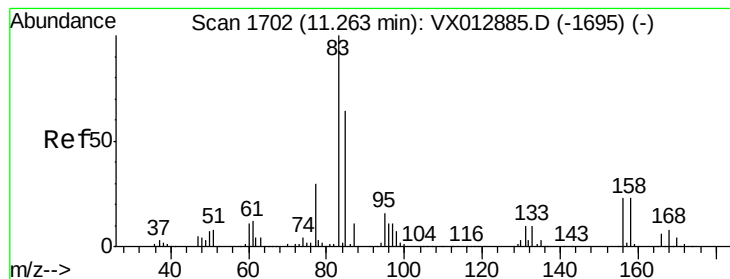
2000

1000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 0.253 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

ClientSampled :

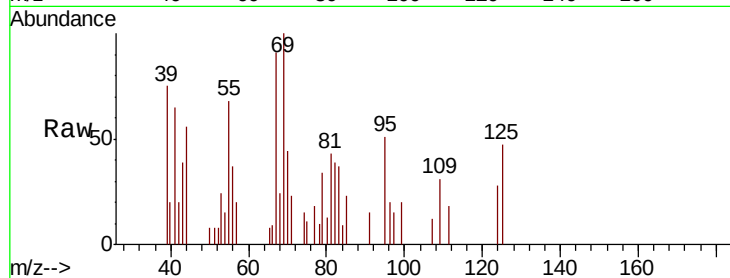
Tot Ion: 83 Resp: 618

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

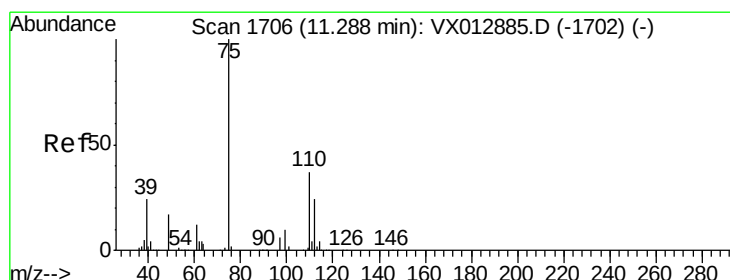
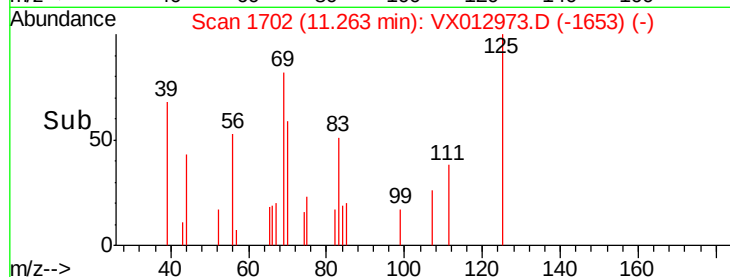
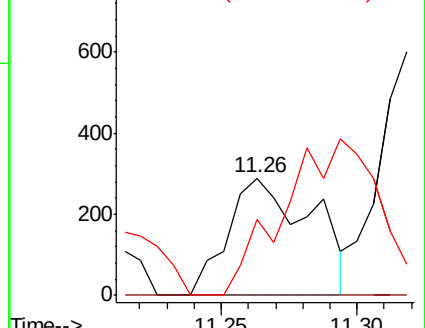
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.298 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.07 min

Lab File: VX012973.D

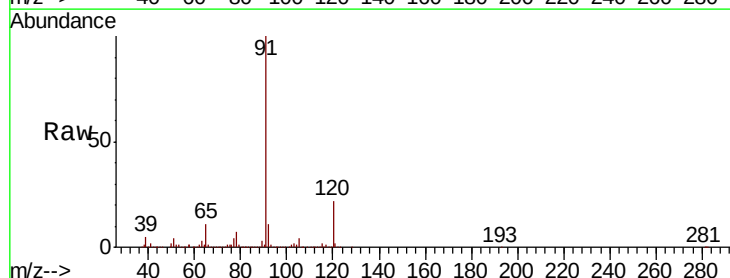
Acq: 10 Oct 2019 04:10

Tgt Ion: 75 Resp: 2877

Ion Ratio Lower Upper

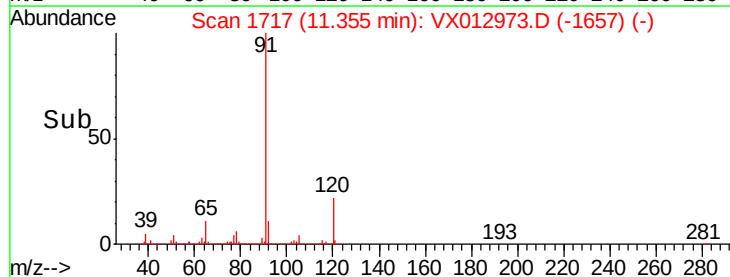
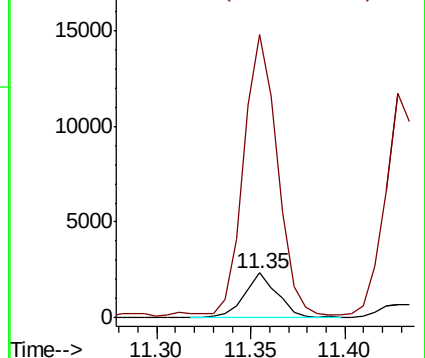
75 100

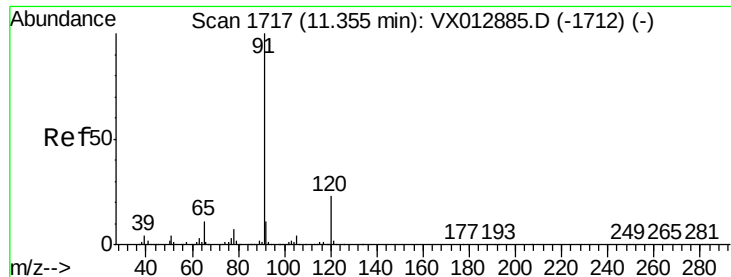
77 625.9 22.9 68.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

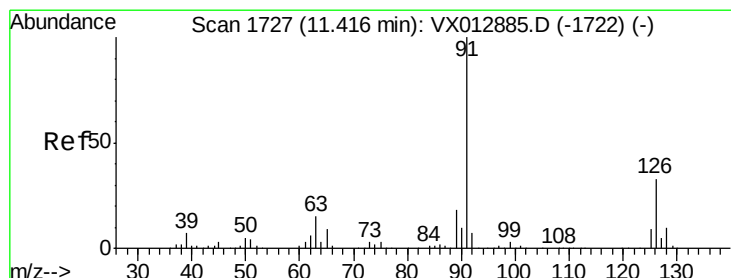
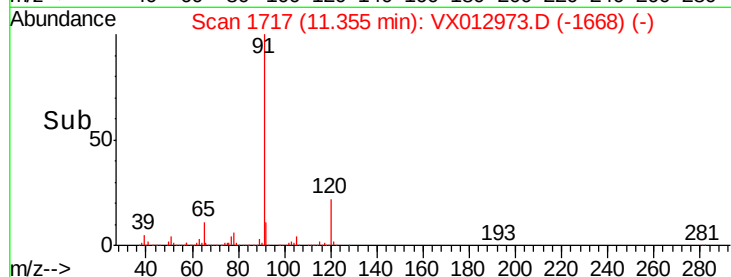
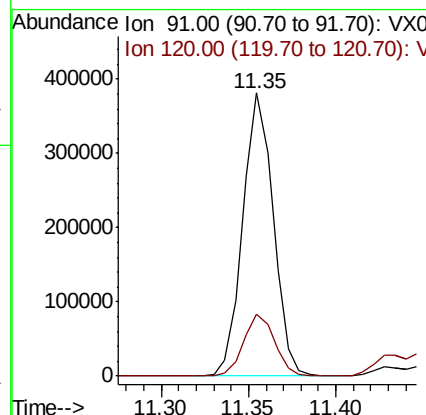
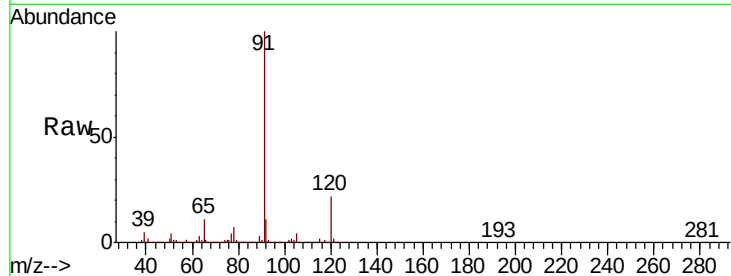




#78
n-propylbenzene
Concen: 57.454 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

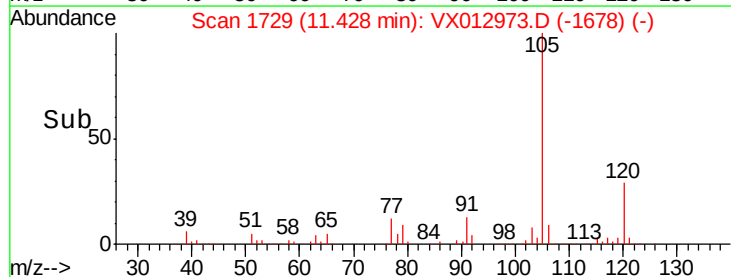
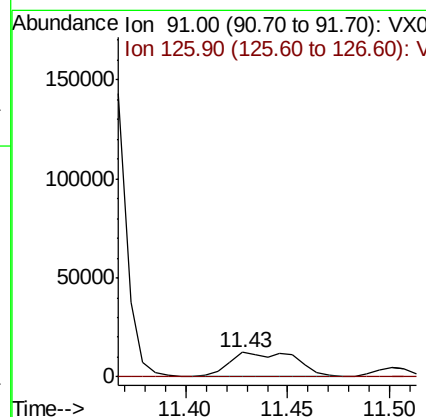
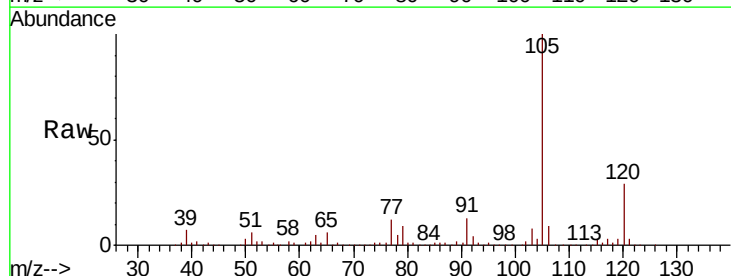
Instrument :
MSVOA_X
ClientSampleId :

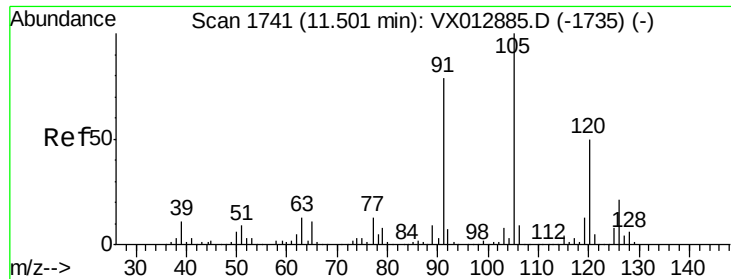
Tot Ion: 91 Resp: 464499
Ion Ratio Lower Upper
91 100
120 22.3 11.7 35.1



#79
2-Chlorotoluene
Concen: 5.422 ug/l
RT: 11.43 min Scan# 1729
Delta R.T. 0.01 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 91 Resp: 27548
Ion Ratio Lower Upper
91 100
126 0.9 16.3 48.8#

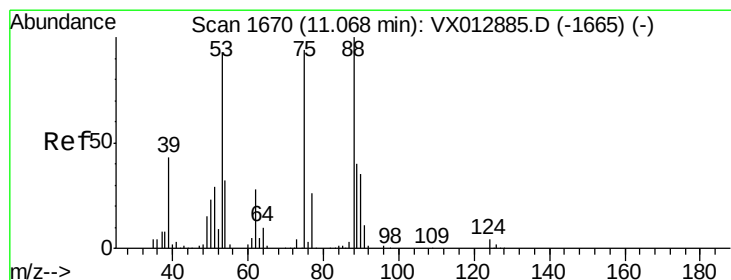
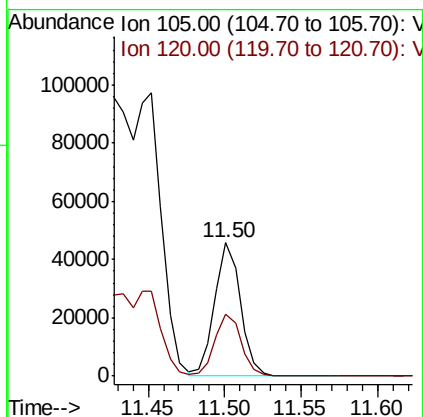
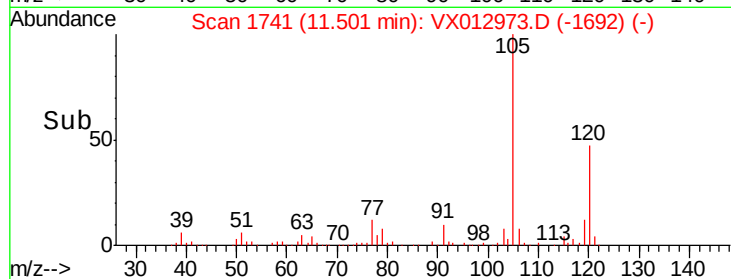
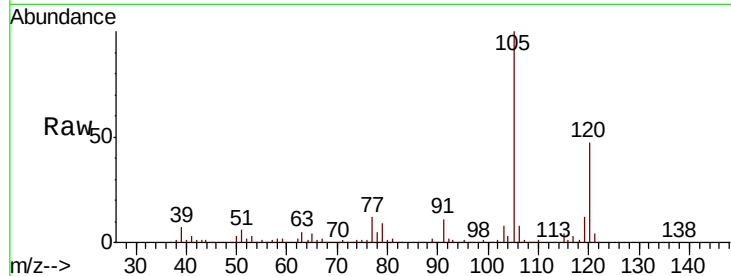




#80
 1,3,5-Trimethylbenzene
 Concen: 8.819 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

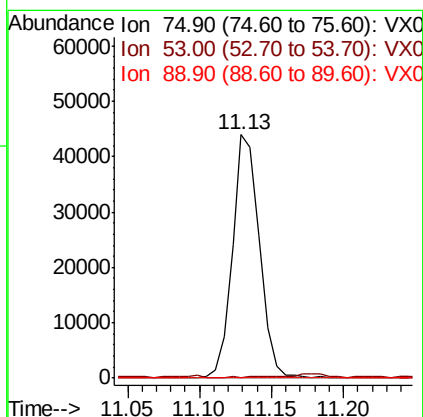
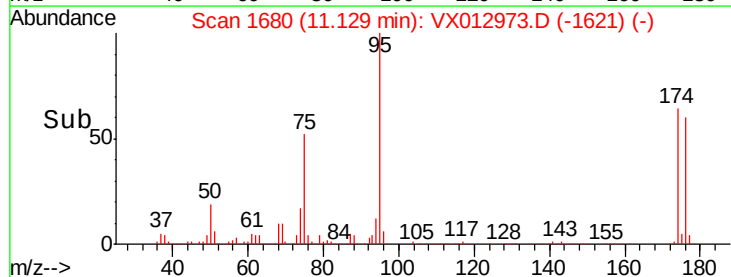
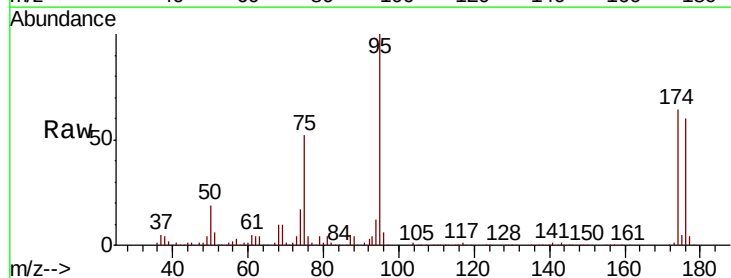
Instrument :
 MSVOA_X
 ClientSampleId :

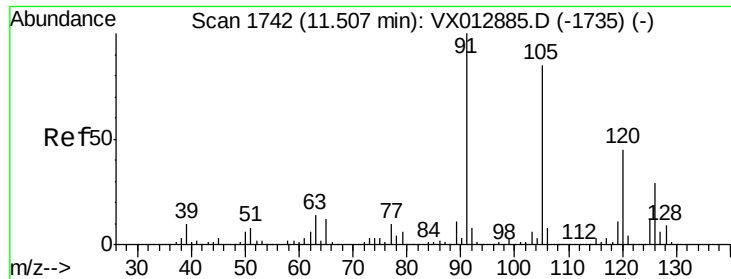
Tot Ion:105 Resp: 54104
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.8 74.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.590 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion: 75 Resp: 57731
 Ion Ratio Lower Upper
 75 100
 53 0.3 78.5 117.7#
 89 0.0 37.4 56.2#

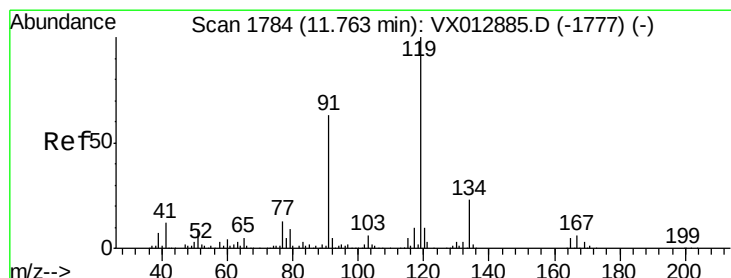
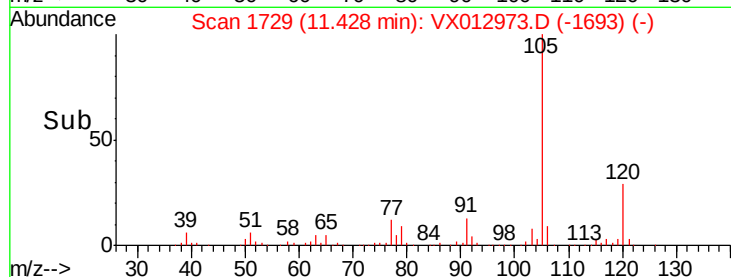
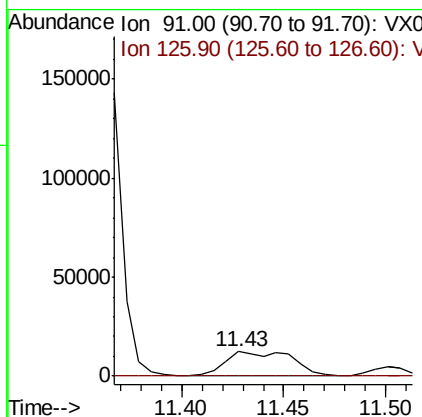
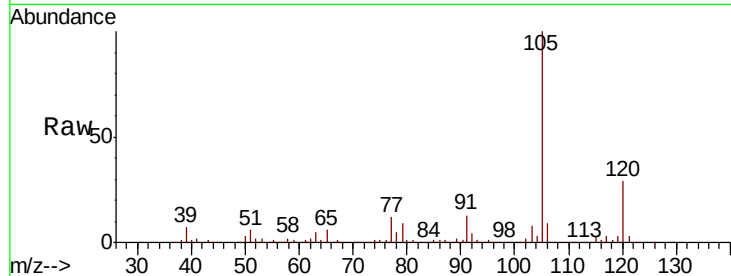




#82
4-Chlorotoluene
Concen: 4.730 ug/l
RT: 11.43 min Scan# 1729
Delta R.T. -0.08 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

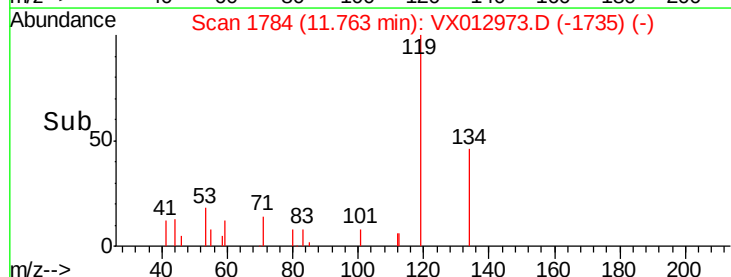
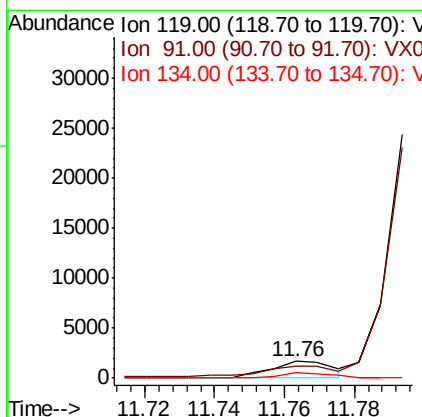
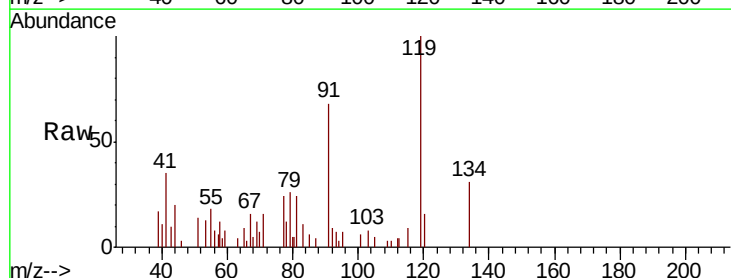
Instrument :
MSVOA_X
ClientSampleId :

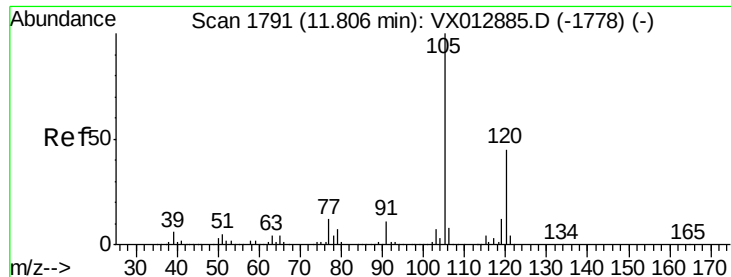
Tot Ion: 91 Resp: 27548
Ion Ratio Lower Upper
91 100
126 0.9 14.2 42.6#



#83
tert-Butylbenzene
Concen: 0.355 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Tgt Ion: 119 Resp: 2122
Ion Ratio Lower Upper
119 100
91 0.0 29.3 87.9#
134 28.0 11.5 34.4

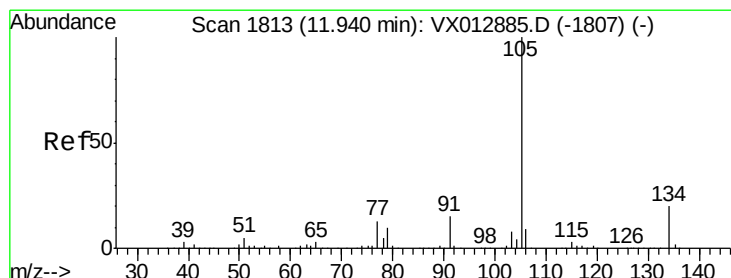
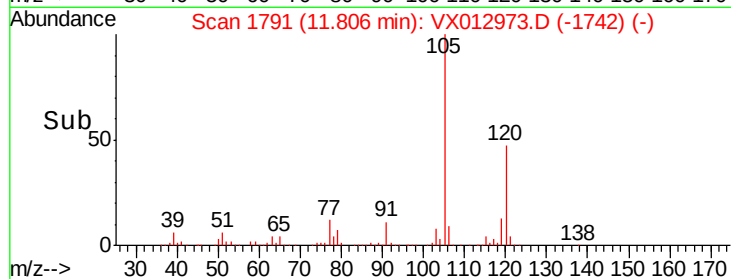
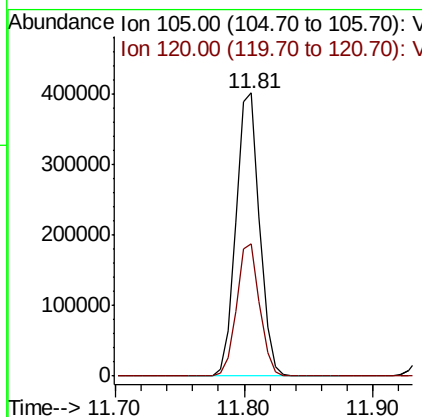
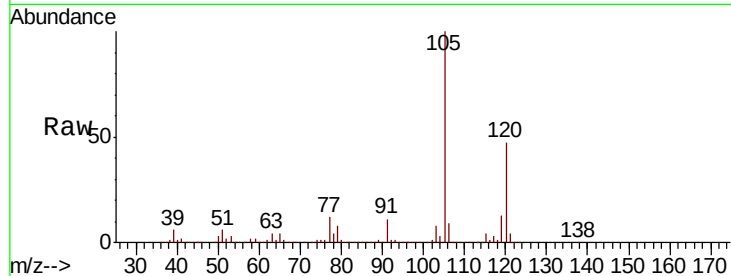




#84
 1,2,4-Trimethylbenzene
 Concen: 82.270 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

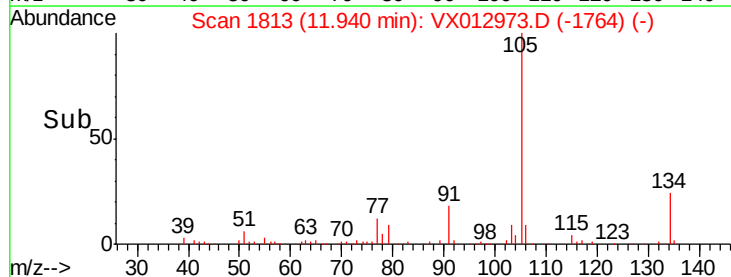
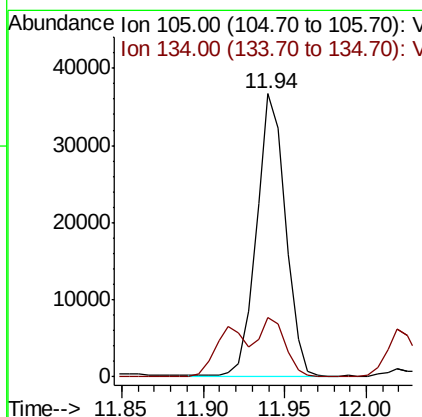
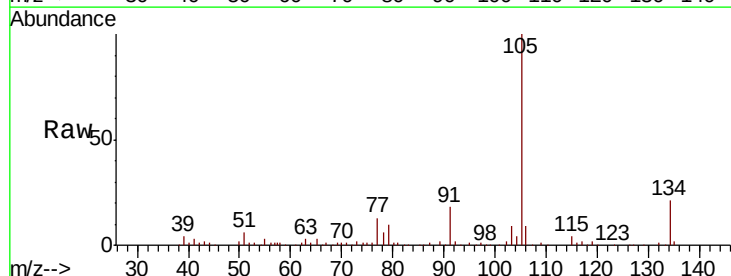
Instrument :
 MSVOA_X
 ClientSampled :

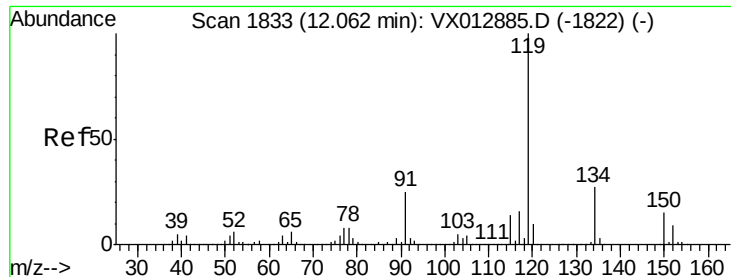
Tot Ion:105 Resp: 511174
 Ion Ratio Lower Upper
 105 100
 120 45.6 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 6.502 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion:105 Resp: 45084
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.0 30.0

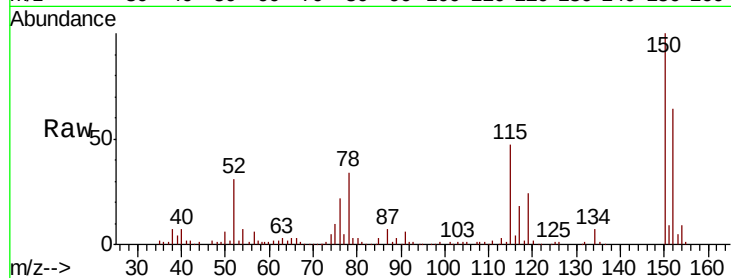




#86
 p-Isopropyltoluene
 Concen: 1.813 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.6	37.8
91	32.0	12.4	37.4

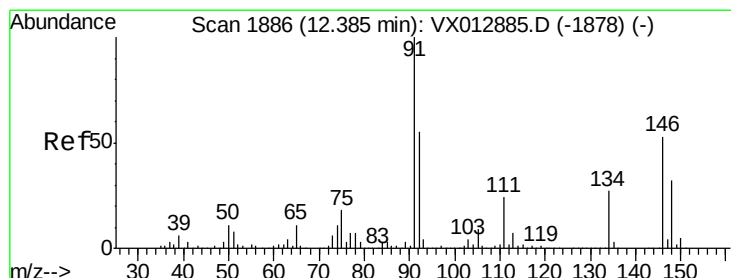
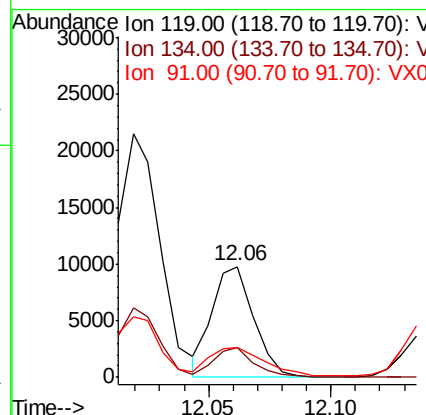
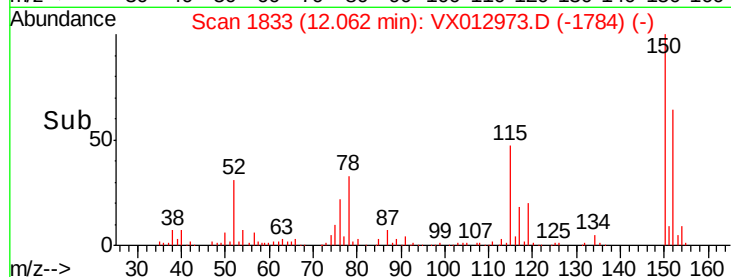


Abundance

Ion 119.00 (118.70 to 119.70): V

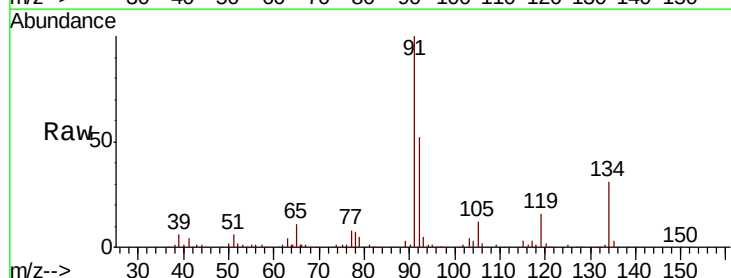
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
 n-Butylbenzene
 Concen: 12.259 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012973.D
 Acq: 10 Oct 2019 04:10

Tgt Ion	Ratio	Lower	Upper
91	100		
92	38.5	27.5	82.5
134	0.0	12.9	38.7#

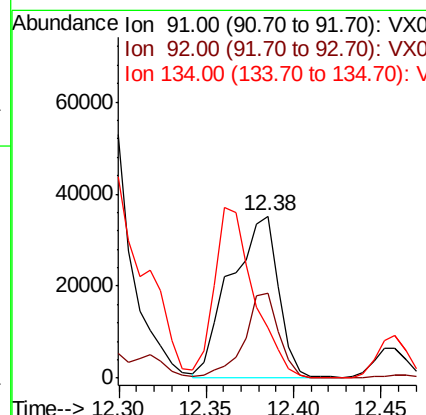
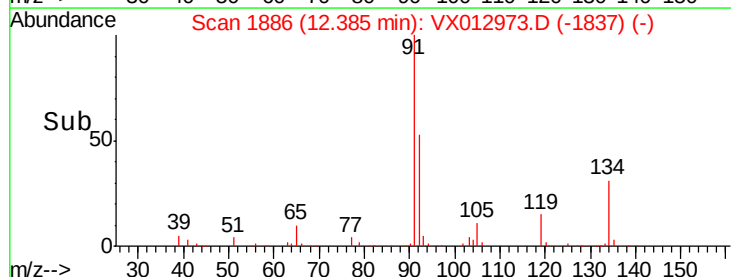


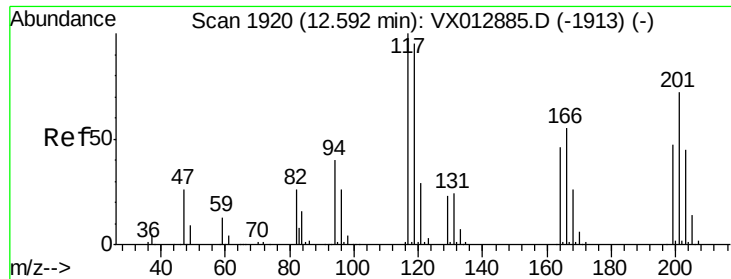
Abundance

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: 17.213 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

Instrument :

MSVOA_X

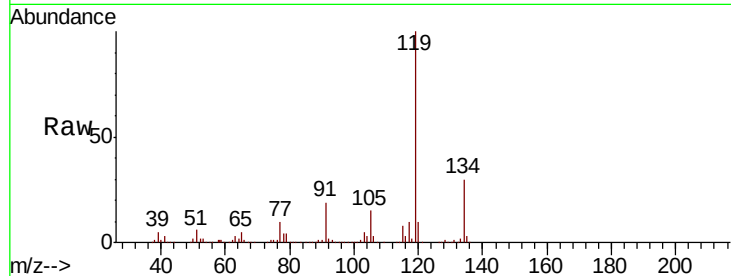
ClientSampleId :

Tot Ion:117 Resp: 18773

Ion Ratio Lower Upper

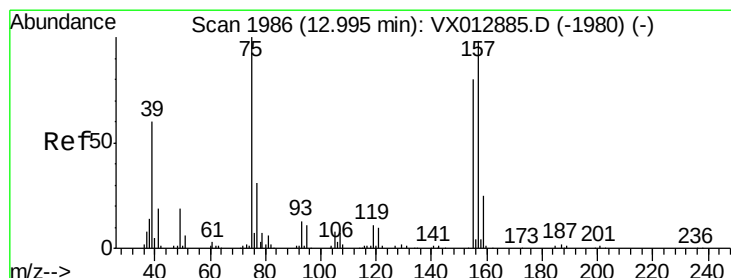
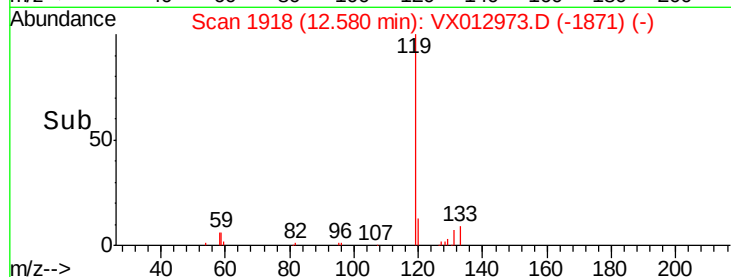
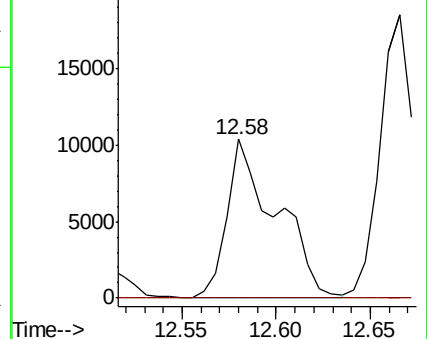
117 100

201 0.0 36.9 110.7#



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: 3.851 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX012973.D

Acq: 10 Oct 2019 04:10

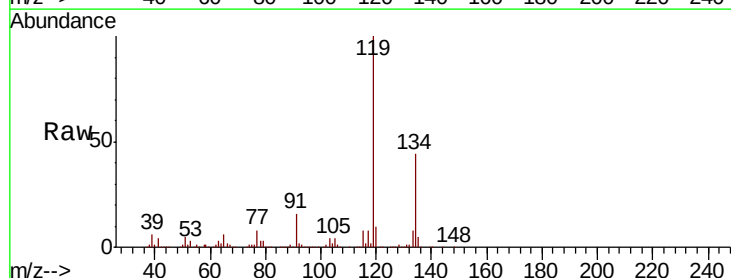
Tgt Ion: 75 Resp: 2206

Ion Ratio Lower Upper

75 100

155 0.0 43.0 128.8#

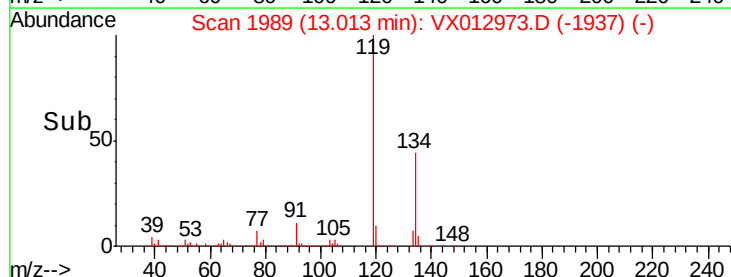
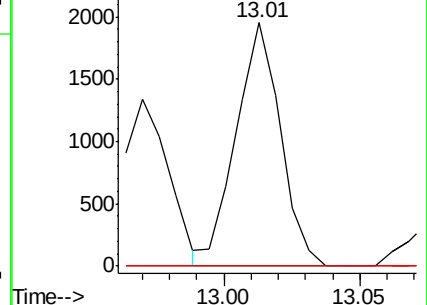
157 0.0 54.1 162.3#

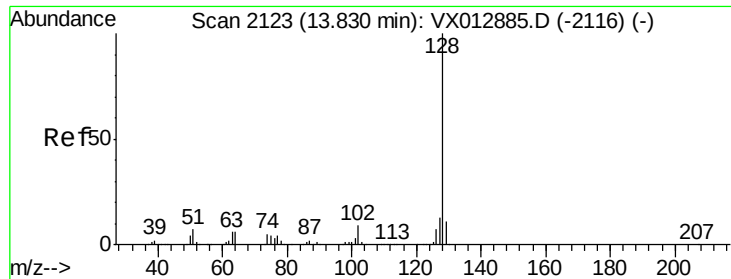


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 1.626 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012973.D
Acq: 10 Oct 2019 04:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.6	10.2	15.4#
129	15.4	8.8	13.2#

