

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX020320\
 Data File : VX014789.D
 Acq On : 03 Feb 2020 11:41
 Operator : JC/SP
 Sample : VX0203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

Quant Time: Feb 03 13:00:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	402415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	593612	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	543902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	274599	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	238734	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.48	113	189358	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.71	98	728530	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	254526	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	88865	16.81	ug/l	100
3) Chloromethane	1.32	50	88081	16.18	ug/l	99
4) Vinyl Chloride	1.40	62	101279	17.21	ug/l	97
5) Bromomethane	1.63	94	61501	15.38	ug/l	99
6) Chloroethane	1.72	64	60350	17.01	ug/l	99
7) Trichlorofluoromethane	1.92	101	118679	17.32	ug/l	97
8) Diethyl Ether	2.17	74	53415	17.86	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71834	17.85	ug/l	97
10) Methyl Iodide	2.50	142	87983	16.67	ug/l	99
11) Tert butyl alcohol	3.02	59	90480	85.76	ug/l	99
12) 1,1-Dichloroethene	2.37	96	67760	16.94	ug/l	98
13) Acrolein	2.28	56	65161	78.33	ug/l	99
14) Allyl chloride	2.72	41	122980	17.10	ug/l	97
15) Acrylonitrile	3.12	53	213860	87.61	ug/l	99
16) Acetone	2.43	43	262793	102.12	ug/l	99
17) Carbon Disulfide	2.56	76	170134	15.56	ug/l	100
18) Methyl Acetate	2.76	43	134523	18.30	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	239289	18.26	ug/l	98
20) Methylene Chloride	2.85	84	81857	17.18	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	74188	16.84	ug/l	97
22) Diisopropyl ether	3.84	45	261336	18.27	ug/l	97
23) Vinyl Acetate	3.80	43	959030	87.94	ug/l	100
24) 1,1-Dichloroethane	3.69	63	138026	17.77	ug/l	99
25) 2-Butanone	4.65	43	326487	88.48	ug/l	98
26) 2,2-Dichloropropane	4.57	77	110644	17.79	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	85479	17.34	ug/l	99
28) Bromochloromethane	5.00	49	61476	18.01	ug/l	96
29) Tetrahydrofuran	5.11	42	187674	85.69	ug/l	99
30) Chloroform	5.19	83	138718	18.02	ug/l	99
31) Cyclohexane	5.57	56	119063	16.29	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	115095	17.69	ug/l	98
36) 1,1-Dichloropropene	5.79	75	98409	17.84	ug/l	96
37) Ethyl Acetate	4.81	43	114530	18.13	ug/l	99
38) Carbon Tetrachloride	5.77	117	97986	18.60	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	123512	17.87	ug/l	97
40) Benzene	6.13	78	308766	18.12	ug/l	98
41) Methacrylonitrile	5.03	41	66057	18.17	ug/l	99
42) 1,2-Dichloroethane	6.18	62	112655	19.14	ug/l	100
43) Isopropyl Acetate	6.43	43	187540	18.13	ug/l	98
44) Trichloroethene	7.20	130	85116	17.68	ug/l	93
45) 1,2-Dichloropropane	7.50	63	82731	18.84	ug/l	96
46) Dibromomethane	7.65	93	54748	19.25	ug/l	99
47) Bromodichloromethane	7.89	83	105427	18.90	ug/l	98
48) Methyl methacrylate	7.76	41	91499	18.51	ug/l	99
49) 1,4-Dioxane	7.73	88	37218	355.21	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	595140	91.15	ug/l	100
52) Toluene	8.78	92	193920	18.51	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	113286	18.86	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	126660	19.17	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	82007	19.12	ug/l	98
56) Ethyl methacrylate	9.17	69	121842	17.94	ug/l	99
57) 1,3-Dichloropropane	9.36	76	138914	18.95	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	209174	96.97	ug/l	100
59) 2-Hexanone	9.48	43	463040	91.39	ug/l	100
60) Dibromochloromethane	9.57	129	83708	18.70	ug/l	99
61) 1,2-Dibromoethane	9.67	107	87486	19.29	ug/l	96
64) Tetrachloroethene	9.33	164	102602	19.06	ug/l	99
65) Chlorobenzene	10.13	112	209914	18.04	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	77690	18.11	ug/l	98
67) Ethyl Benzene	10.25	91	362100	18.23	ug/l	100
68) m/p-Xylenes	10.36	106	276904	36.79	ug/l	100
69) o-Xylene	10.69	106	133717	18.41	ug/l	98
70) Styrene	10.71	104	232137	19.05	ug/l	99
71) Bromoform	10.85	173	63578	18.64	ug/l	# 100
73) Isopropylbenzene	11.01	105	360770	18.68	ug/l	99
74) N-amyl acetate	10.89	43	151903	17.95	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	119805	17.38	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	138061	21.61	ug/l	92
77) Bromobenzene	11.25	156	96634	18.63	ug/l	97
78) n-propylbenzene	11.35	91	405106	18.48	ug/l	100
79) 2-Chlorotoluene	11.42	91	245655	18.52	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	301831	18.84	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38273	17.05	ug/l	98
82) 4-Chlorotoluene	11.51	91	280536	18.58	ug/l	99
83) tert-Butylbenzene	11.76	119	275960	18.33	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	302129	18.80	ug/l	97
85) sec-Butylbenzene	11.94	105	350337	18.99	ug/l	99
86) p-Isopropyltoluene	12.06	119	320100	18.78	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	169260	18.16	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	168929	18.09	ug/l	99
89) n-Butylbenzene	12.39	91	264723	17.83	ug/l	100
90) Hexachloroethane	12.59	117	55143	17.41	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	169406	18.30	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24849	16.78	ug/l	99

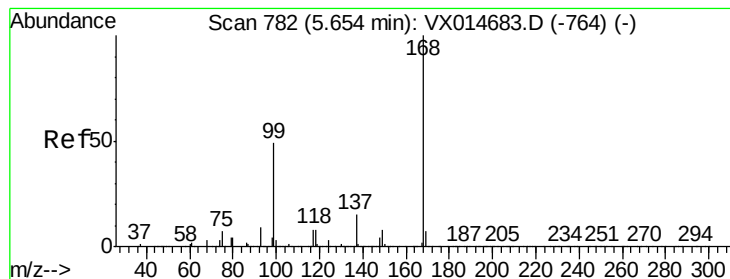
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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	108561	18.19	ug/l	97
94) Hexachlorobutadiene	13.78	225	57106	18.59	ug/l	97
95) Naphthalene	13.83	128	311250	16.80	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	109961	18.22	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

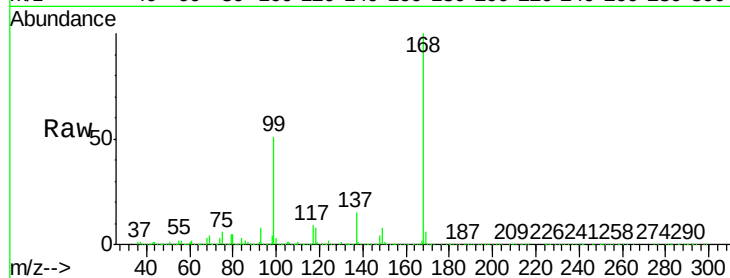
VX0203WBSD01

Tgt Ion:168 Resp: 402415

Ion Ratio Lower Upper

168 100

99 51.2 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

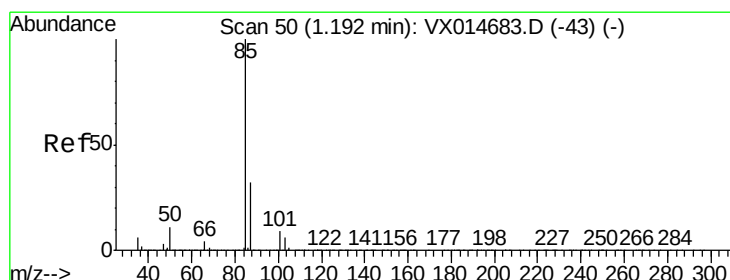
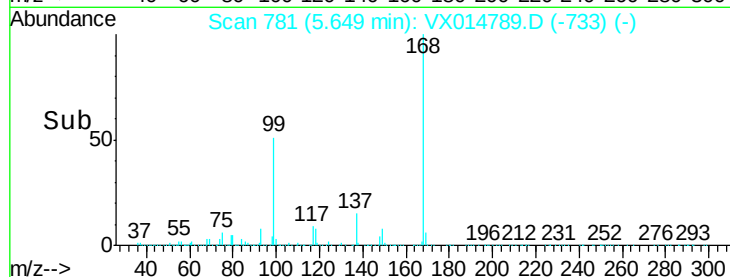
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.81 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014789.D

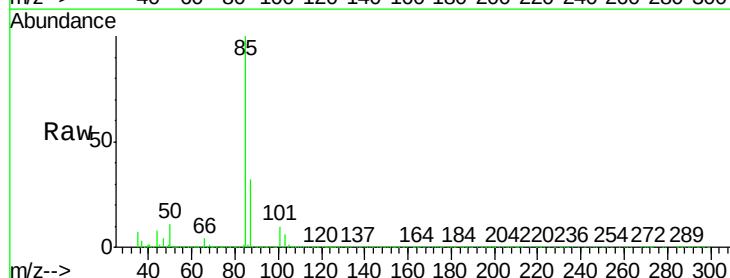
Acq: 03 Feb 2020 11:41

Tgt Ion: 85 Resp: 88865

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

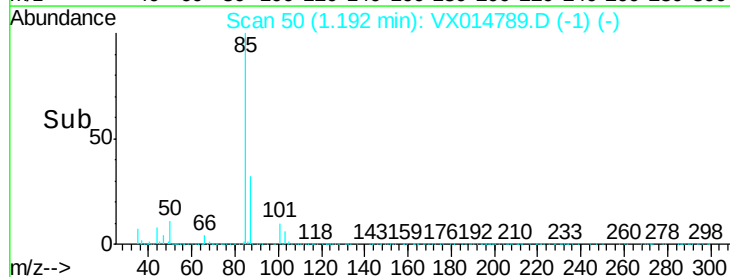
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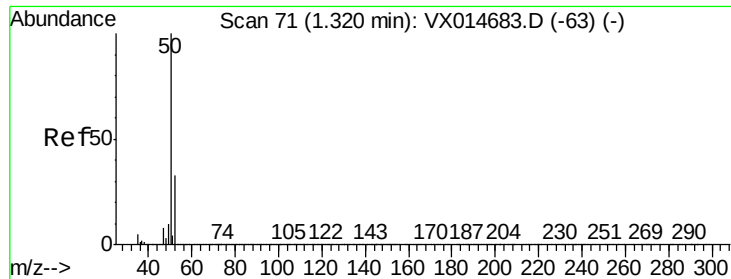
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20000

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Time-->

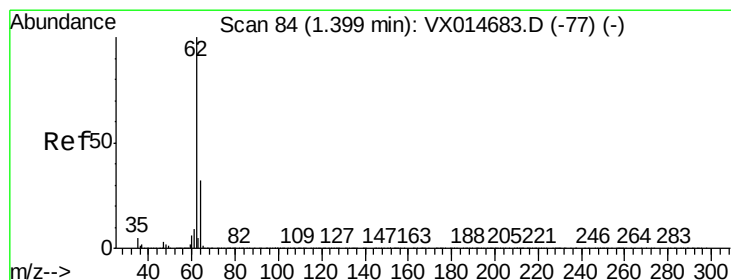
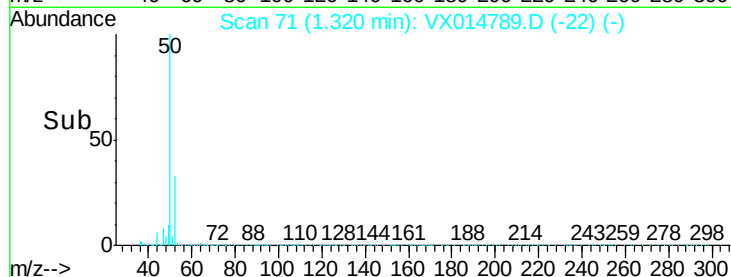
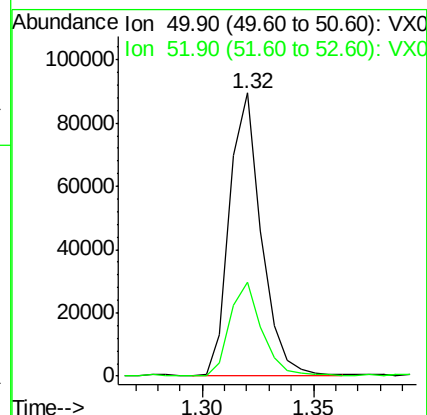
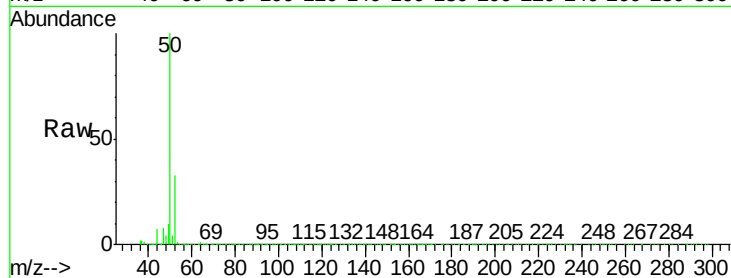




#3
Chloromethane
Concen: 16.18 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

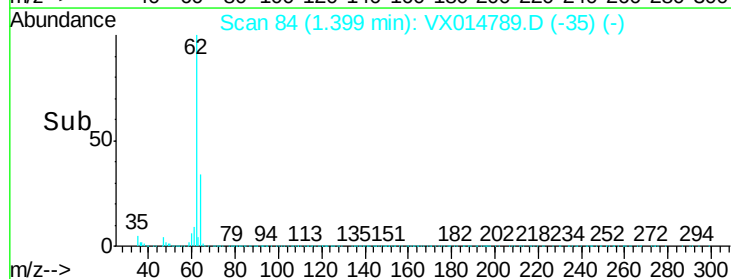
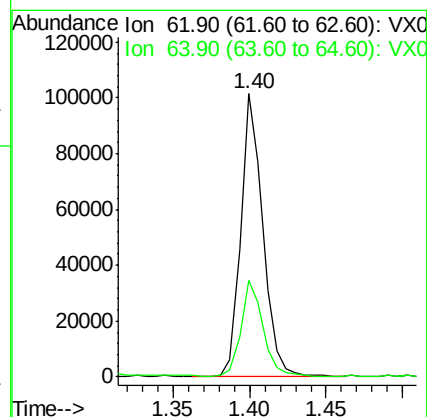
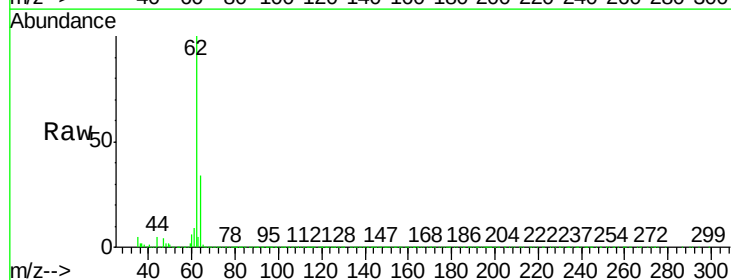
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

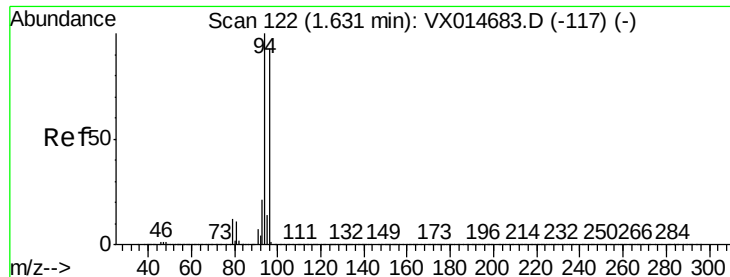
Tgt Ion: 50 Resp: 88081
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 17.21 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion: 62 Resp: 101279
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.2





#5

Bromomethane

Concen: 15.38 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampled :

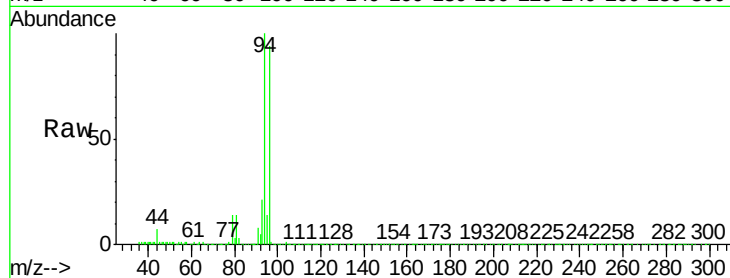
VX0203WBSD01

Tgt Ion: 94 Resp: 61501

Ion Ratio Lower Upper

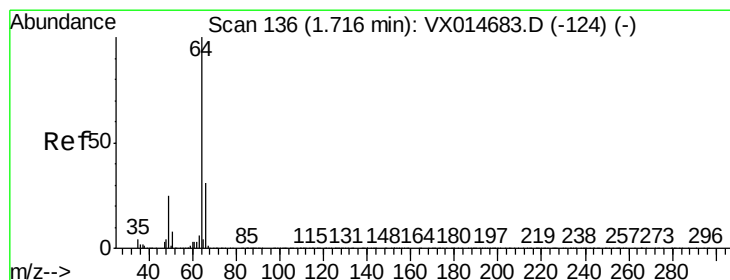
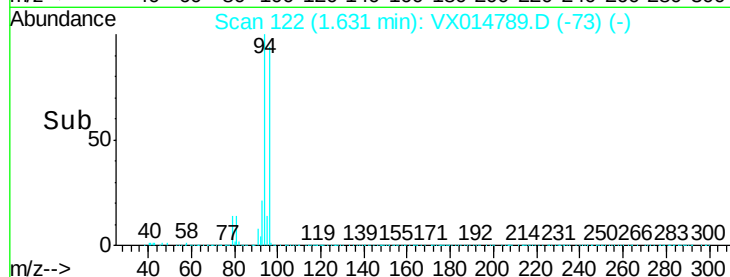
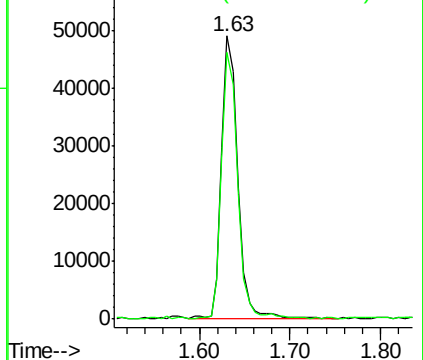
94 100

96 94.0 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: 17.01 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014789.D

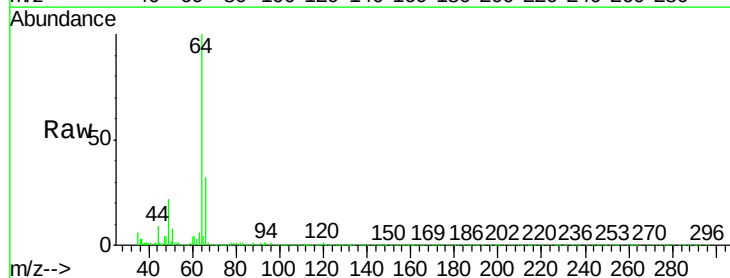
Acq: 03 Feb 2020 11:41

Tgt Ion: 64 Resp: 60350

Ion Ratio Lower Upper

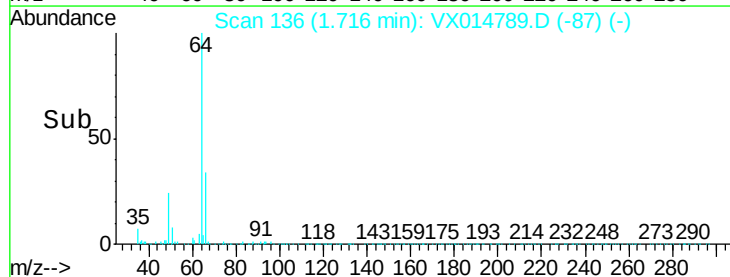
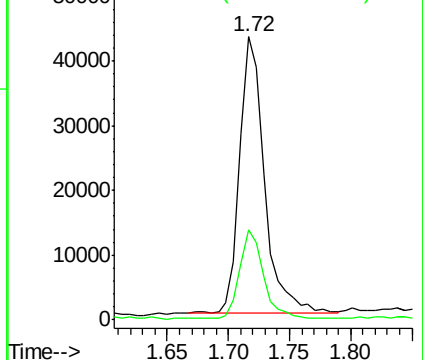
64 100

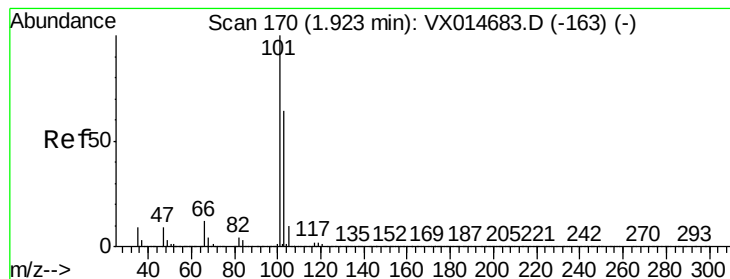
66 31.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 17.32 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

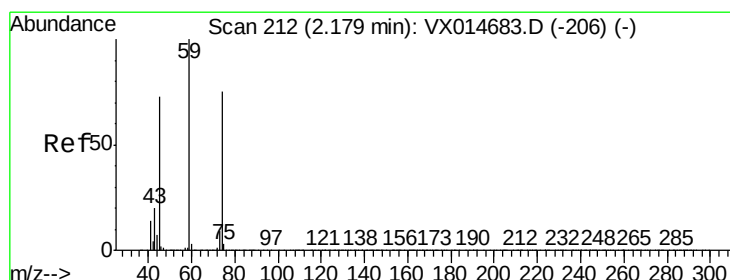
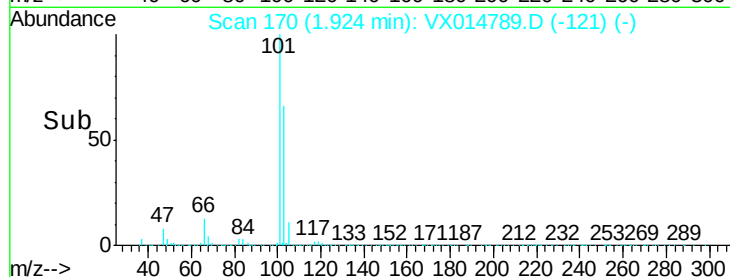
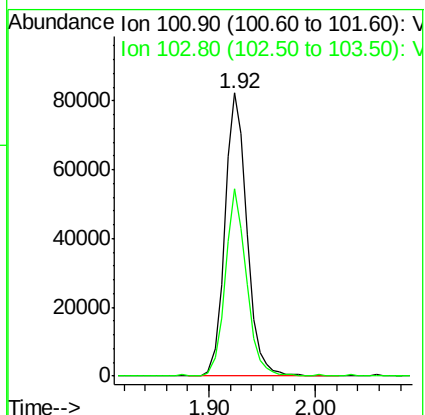
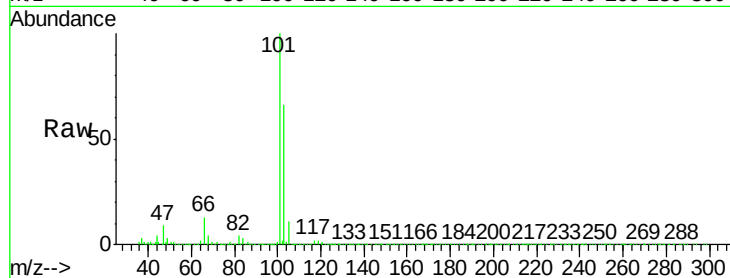
VX0203WBSD01

Tgt Ion:101 Resp: 118679

Ion Ratio Lower Upper

101 100

103 65.9 51.0 76.6



#8

Diethyl Ether

Concen: 17.86 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX014789.D

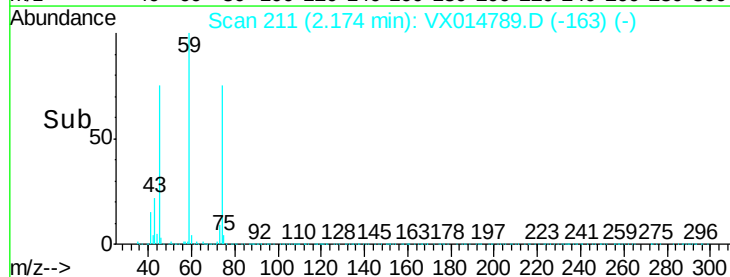
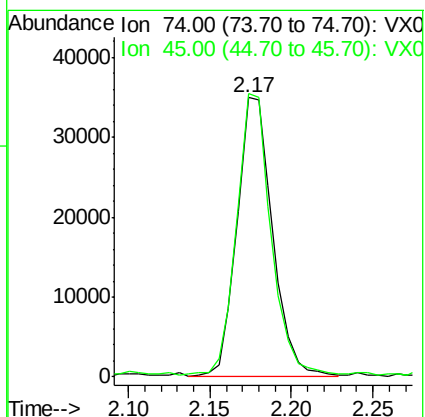
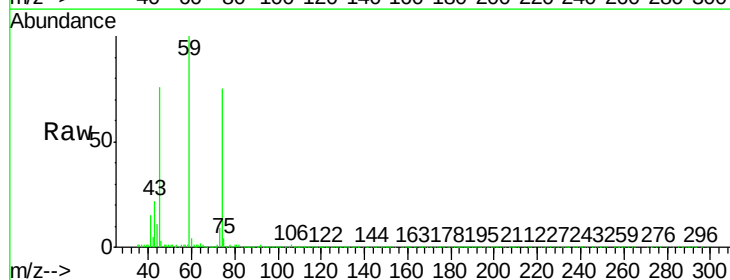
Acq: 03 Feb 2020 11:41

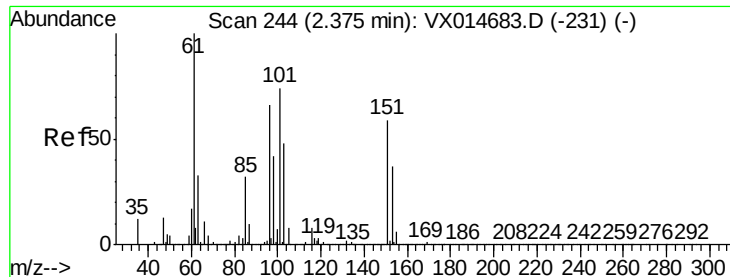
Tgt Ion: 74 Resp: 53415

Ion Ratio Lower Upper

74 100

45 96.9 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.85 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

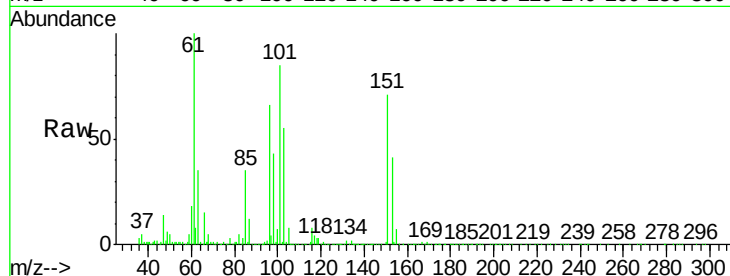
Tgt Ion:101 Resp: 71834

Ion Ratio Lower Upper

101 100

85 40.8 34.7 52.1

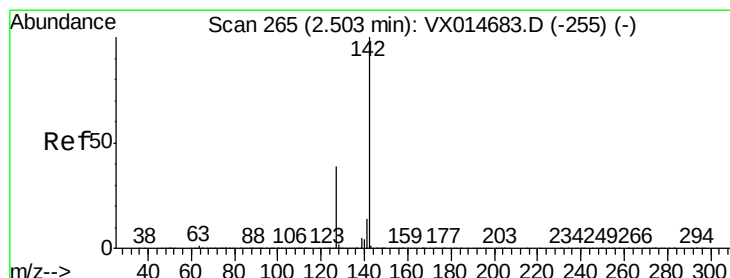
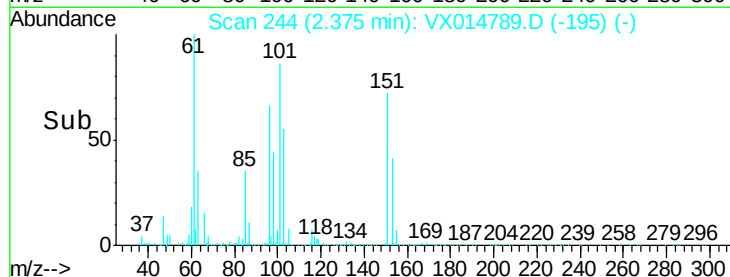
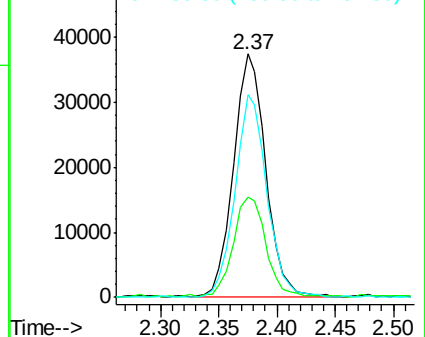
151 82.7 64.7 97.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.67 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

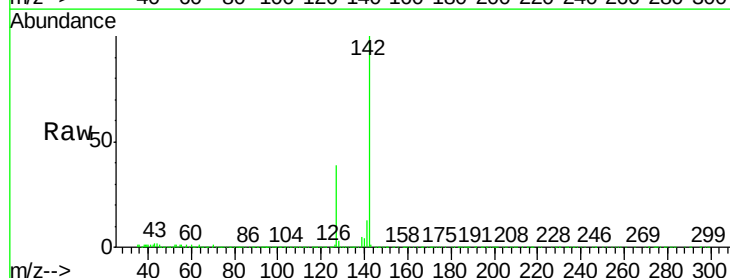
Tgt Ion:142 Resp: 87983

Ion Ratio Lower Upper

142 100

127 39.3 31.1 46.7

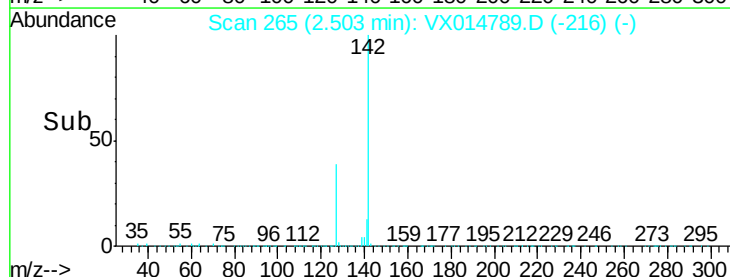
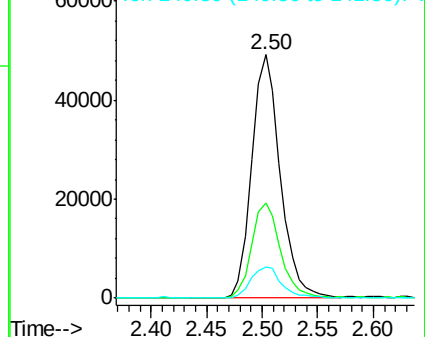
141 13.8 11.3 16.9

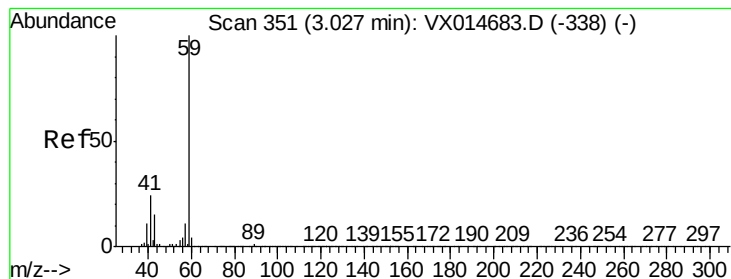


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 85.76 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

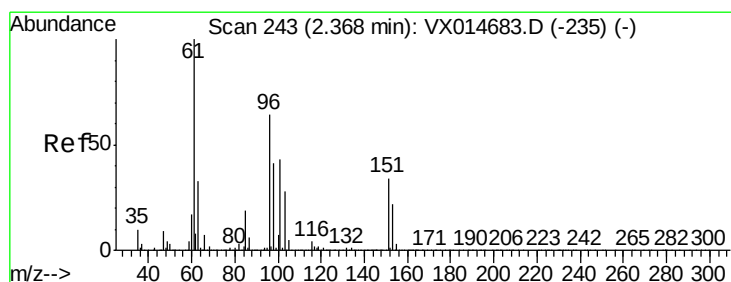
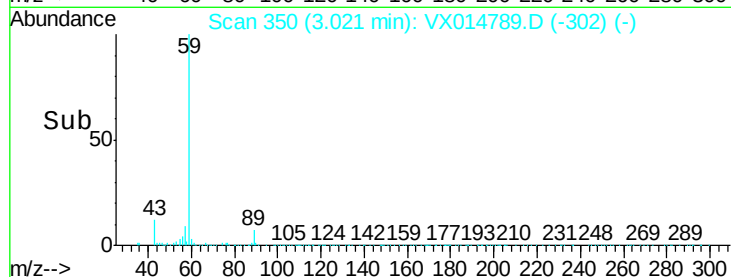
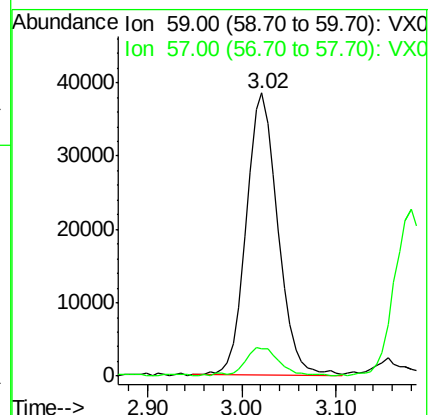
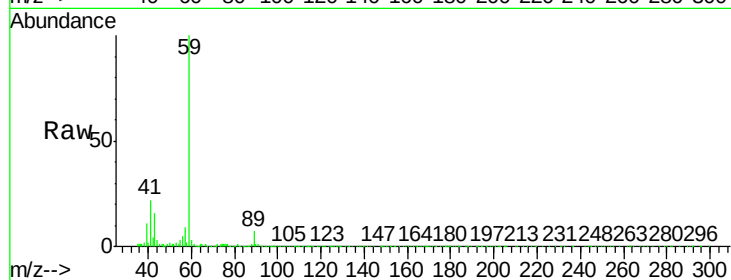
VX0203WBSD01

Tgt Ion: 59 Resp: 90480

Ion Ratio Lower Upper

59 100

57 9.9 8.3 12.5



#12

1,1-Dichloroethene

Concen: 16.94 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

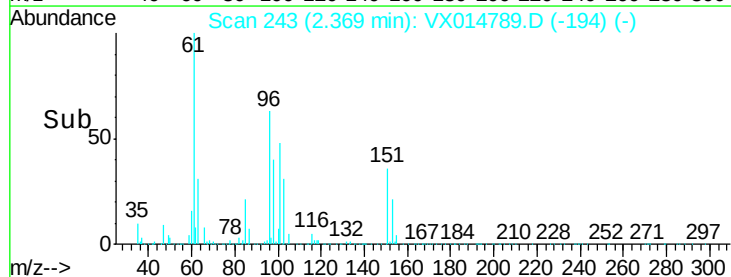
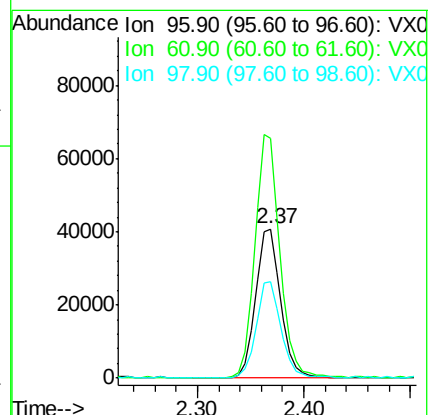
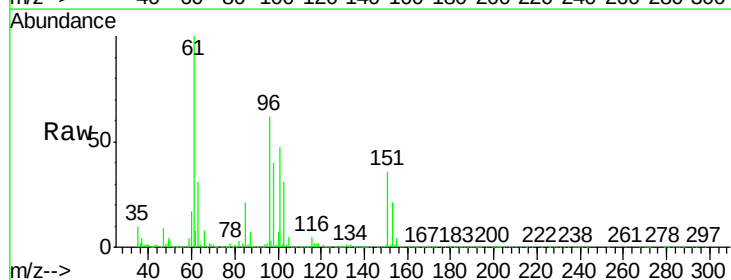
Tgt Ion: 96 Resp: 67760

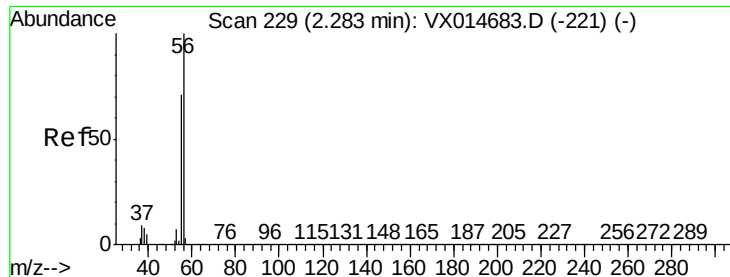
Ion Ratio Lower Upper

96 100

61 160.4 125.8 188.8

98 64.9 51.5 77.3





#13

Acrolein

Concen: 78.33 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

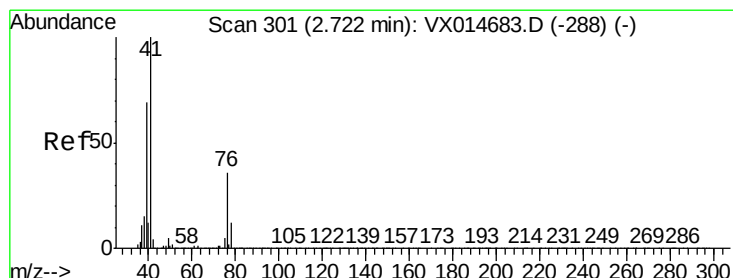
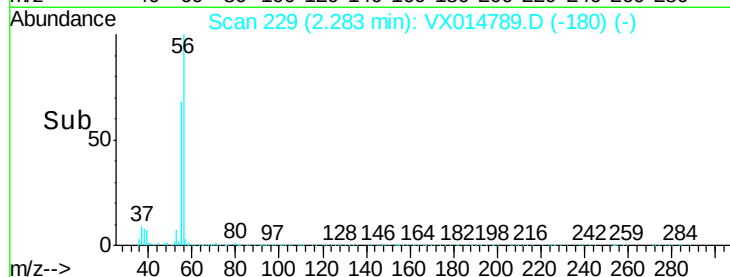
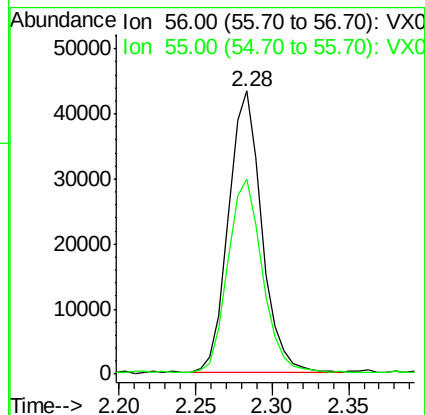
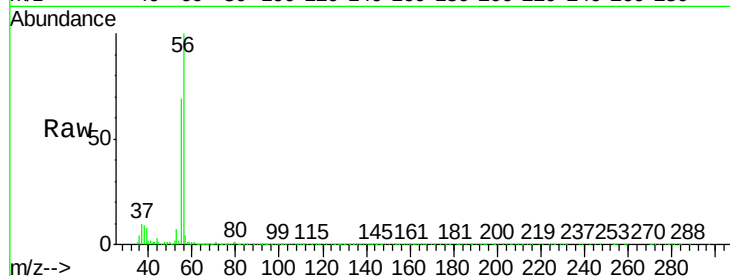
VX0203WBSD01

Tgt Ion: 56 Resp: 65161

Ion Ratio Lower Upper

56 100

55 71.8 56.6 84.8



#14

Allyl chloride

Concen: 17.10 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

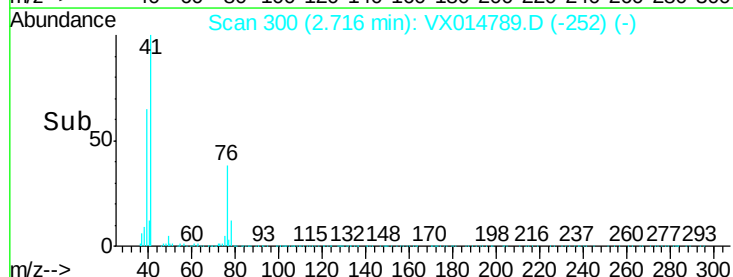
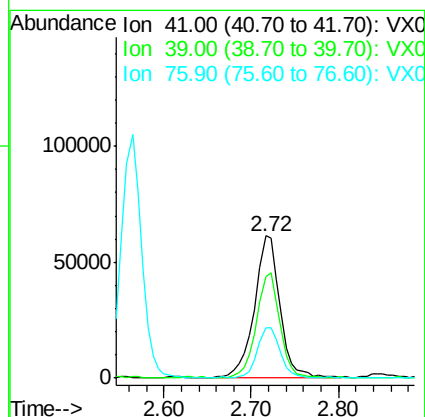
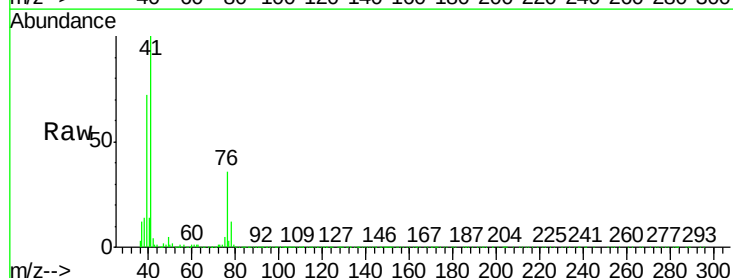
Tgt Ion: 41 Resp: 122980

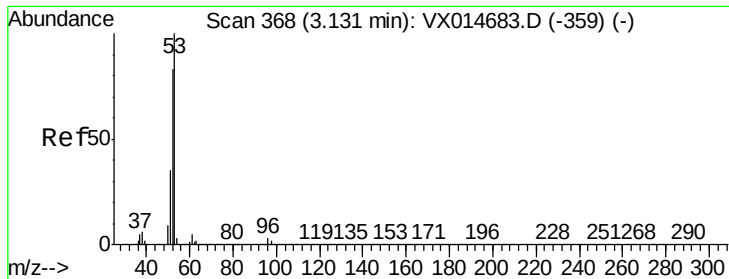
Ion Ratio Lower Upper

41 100

39 67.4 52.0 78.0

76 31.5 26.0 39.0





#15

Acrylonitrile

Concen: 87.61 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

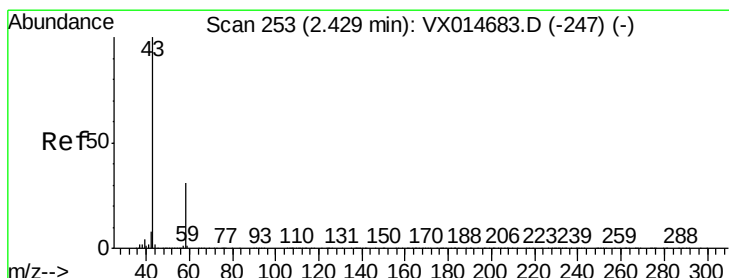
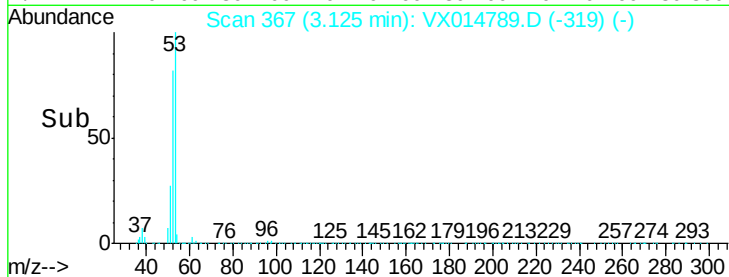
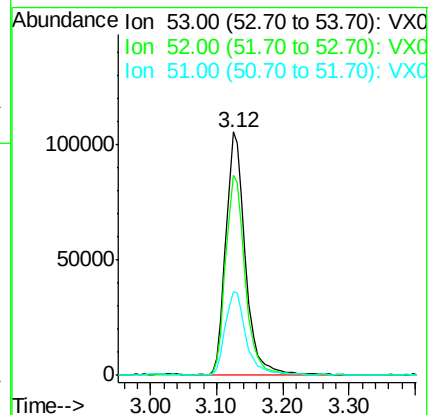
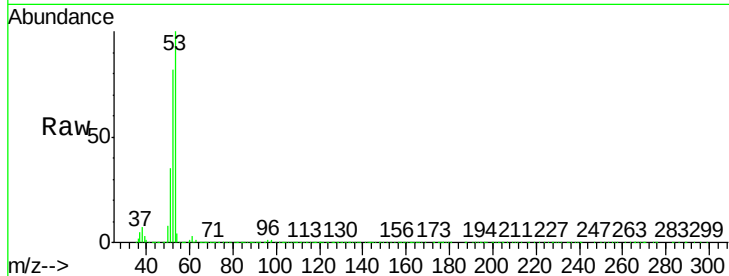
Tgt Ion: 53 Resp: 213860

Ion Ratio Lower Upper

53 100

52 82.3 66.4 99.6

51 36.4 28.7 43.1



#16

Acetone

Concen: 102.12 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014789.D

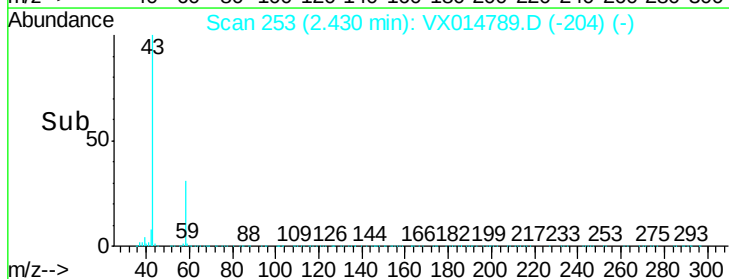
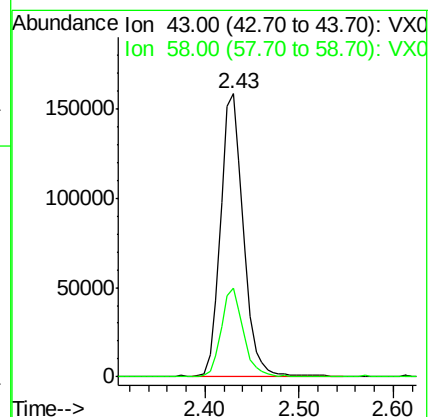
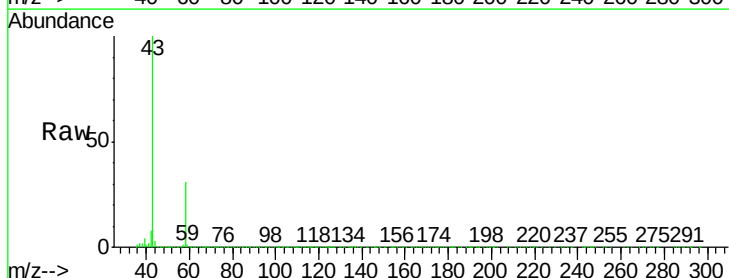
Acq: 03 Feb 2020 11:41

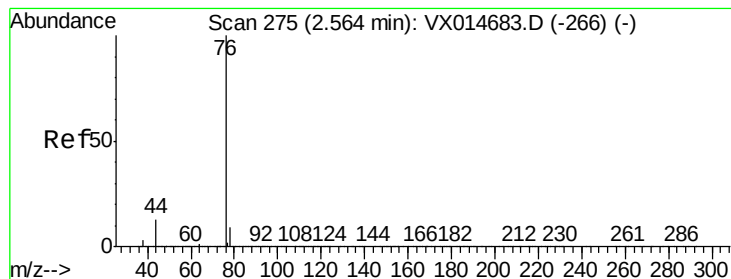
Tgt Ion: 43 Resp: 262793

Ion Ratio Lower Upper

43 100

58 31.2 24.5 36.7





#17

Carbon Disulfide

Concen: 15.56 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

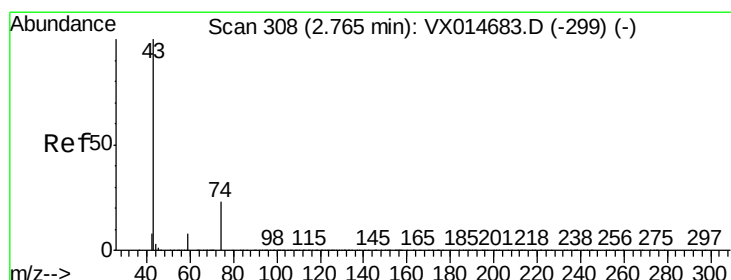
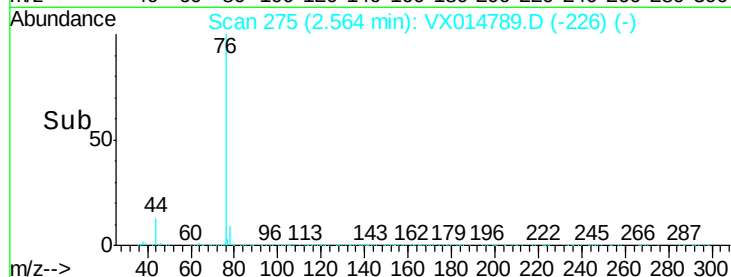
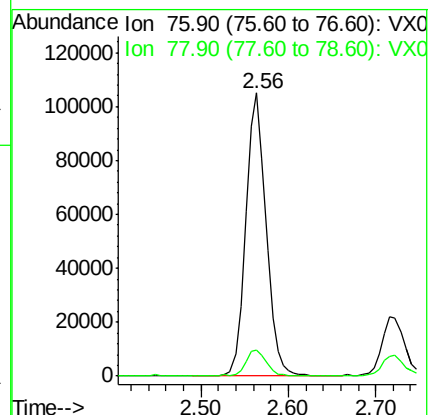
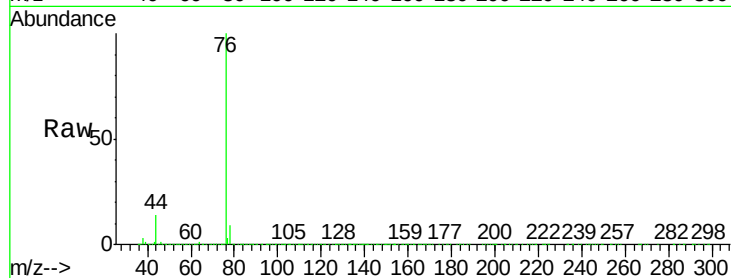
VX0203WBSD01

Tgt Ion: 76 Resp: 170134

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 18.30 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014789.D

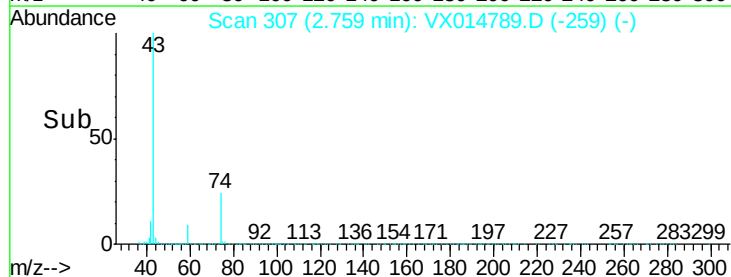
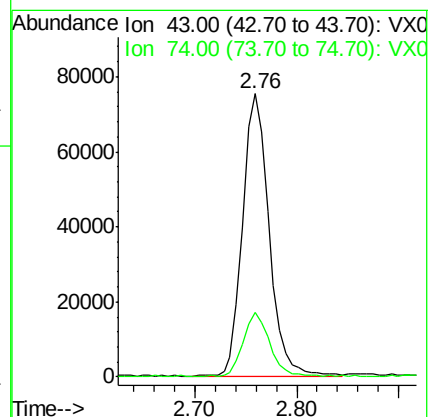
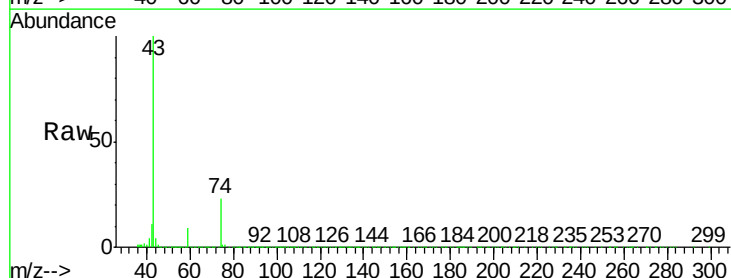
Acq: 03 Feb 2020 11:41

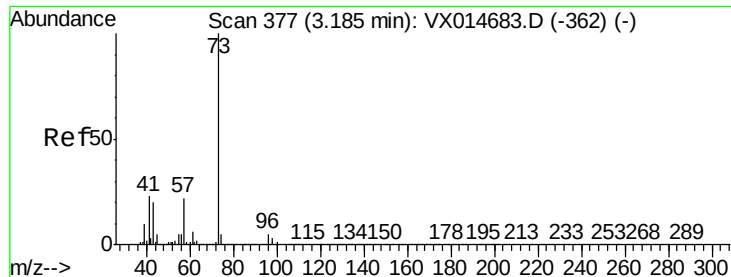
Tgt Ion: 43 Resp: 134523

Ion Ratio Lower Upper

43 100

74 22.4 18.5 27.7





#19

Methyl tert-butyl Ether

Concen: 18.26 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

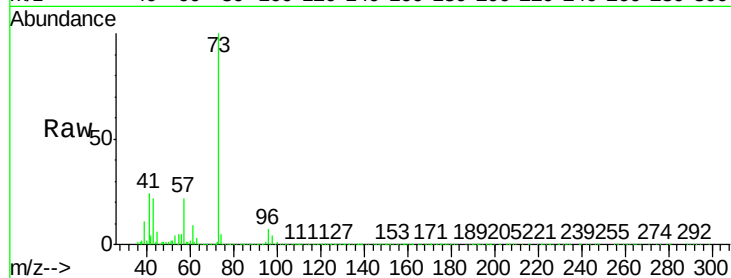
VX0203WBSD01

Tgt Ion: 73 Resp: 239289

Ion Ratio Lower Upper

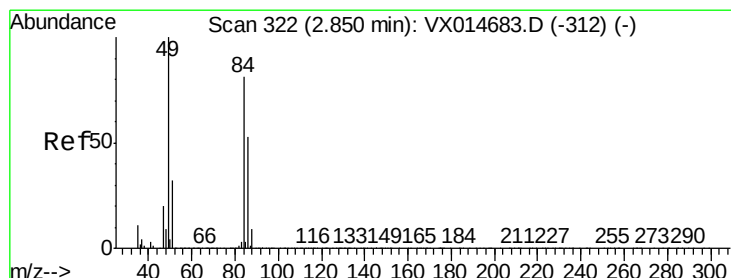
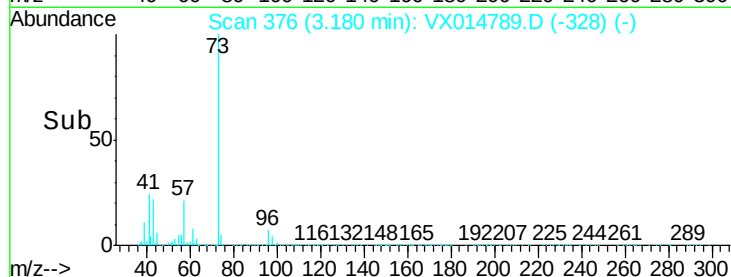
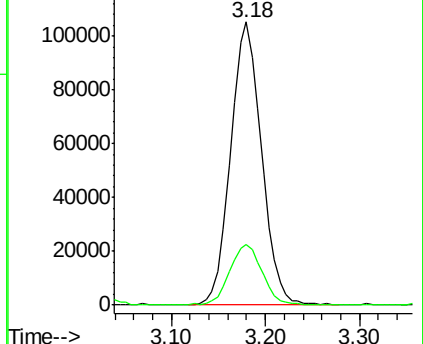
73 100

57 21.4 18.0 27.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 17.18 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Tgt Ion: 84 Resp: 81857

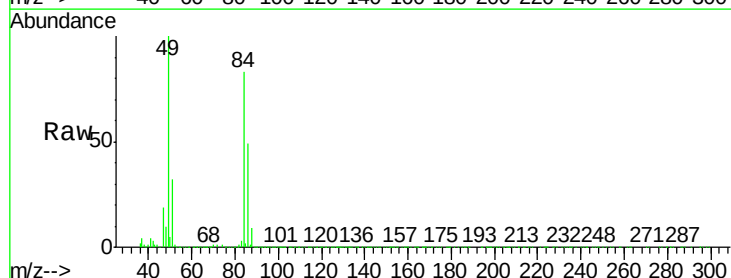
Ion Ratio Lower Upper

84 100

49 120.9 98.2 147.4

51 38.2 31.3 46.9

86 59.4 51.8 77.6

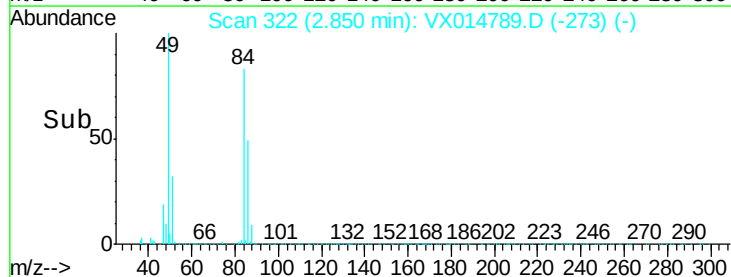
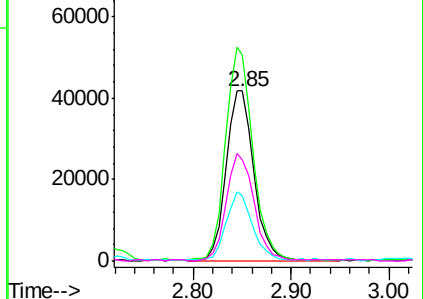


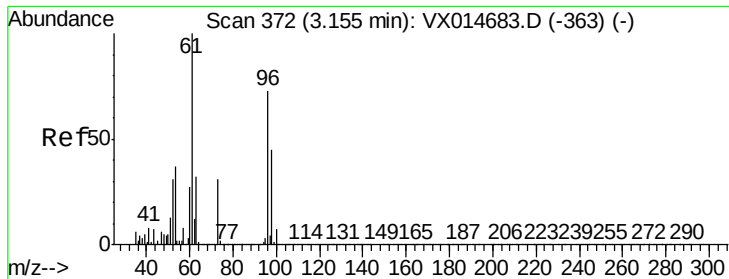
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 16.84 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

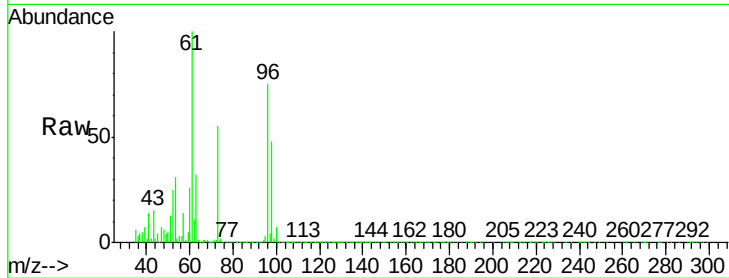
Tgt Ion: 96 Resp: 74188

Ion Ratio Lower Upper

96 100

61 132.7 109.8 164.6

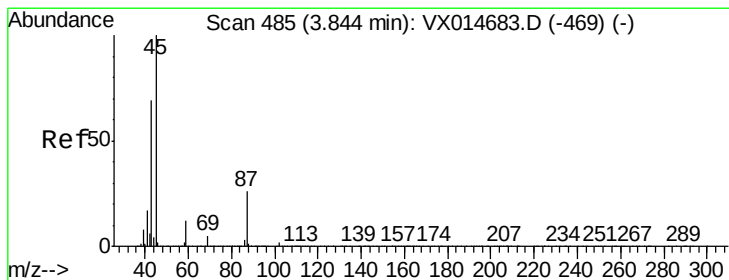
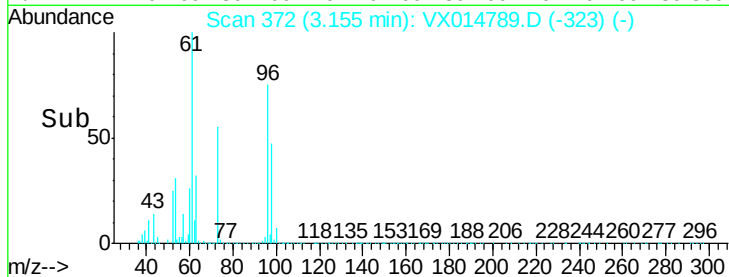
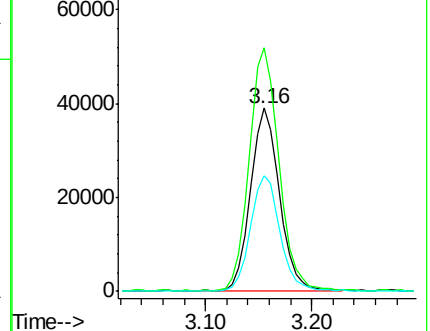
98 63.0 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.27 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Tgt Ion: 45 Resp: 261336

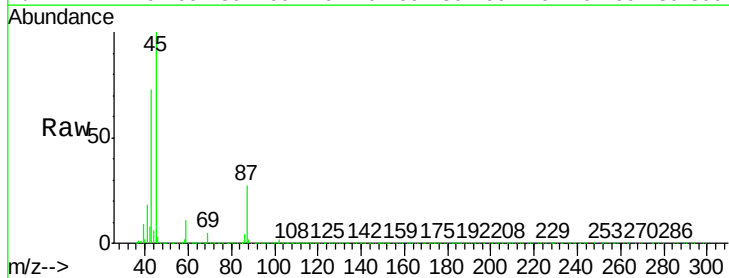
Ion Ratio Lower Upper

45 100

43 72.3 55.1 82.7

87 27.1 20.7 31.1

59 10.7 9.2 13.8

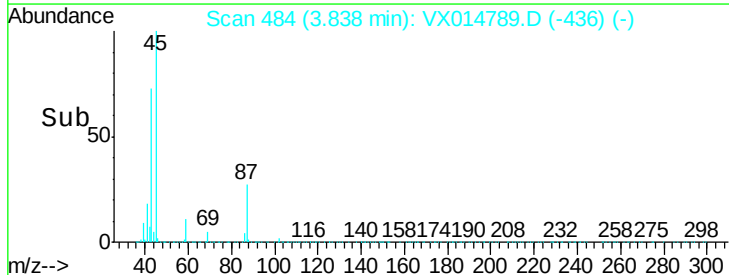
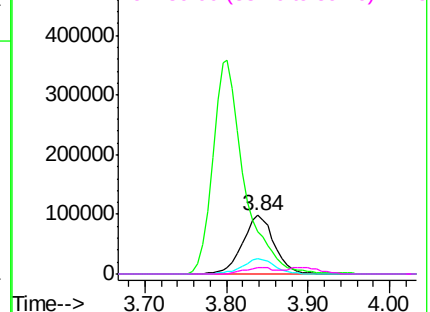


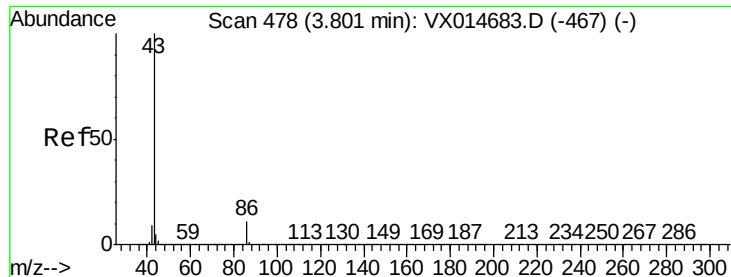
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 87.94 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

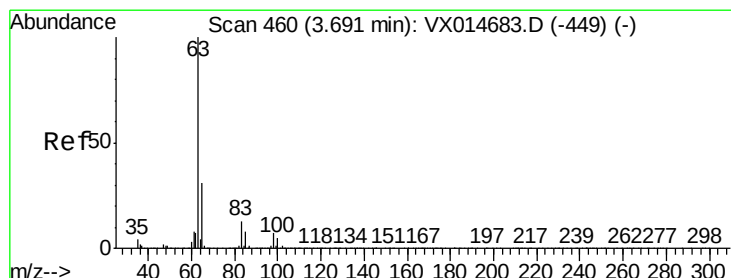
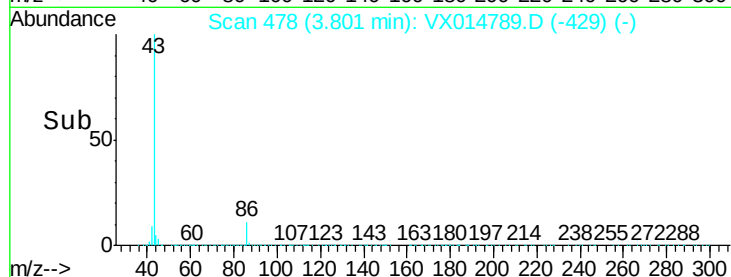
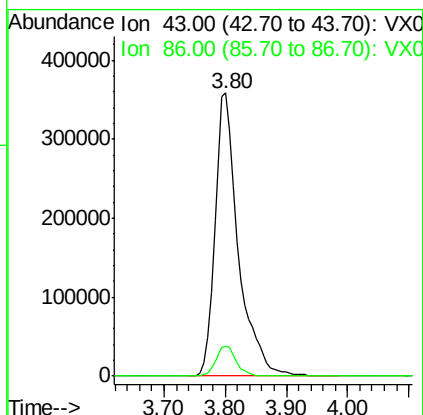
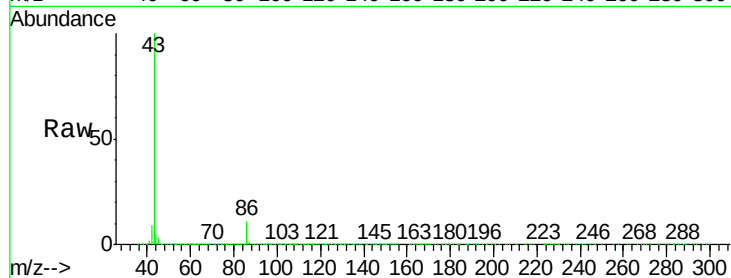
VX0203WBSD01

Tgt Ion: 43 Resp: 959030

Ion Ratio Lower Upper

43 100

86 10.6 8.4 12.6



#24

1,1-Dichloroethane

Concen: 17.77 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

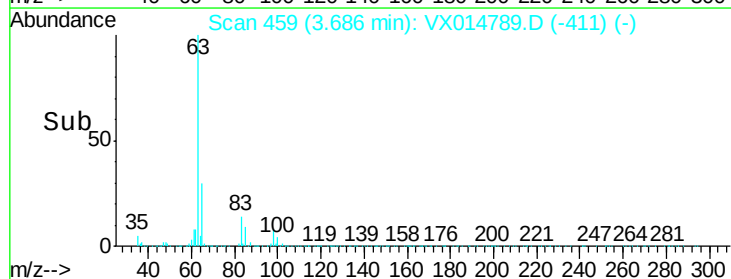
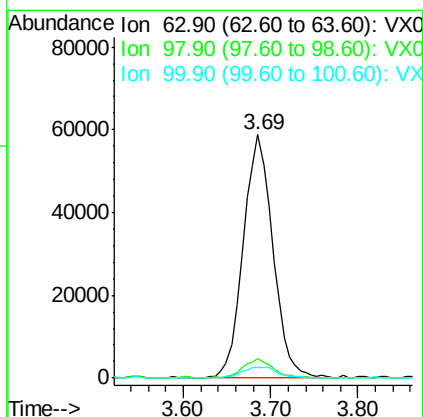
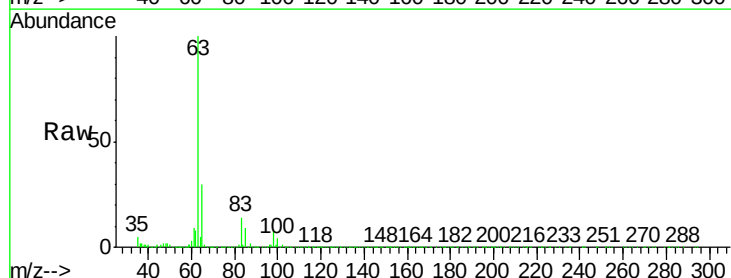
Tgt Ion: 63 Resp: 138026

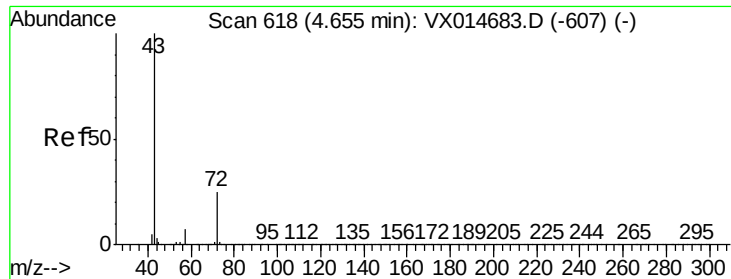
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 88.48 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

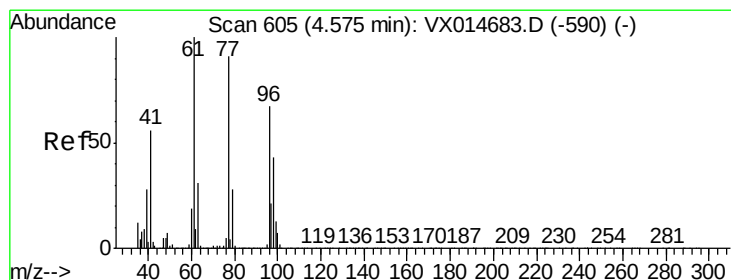
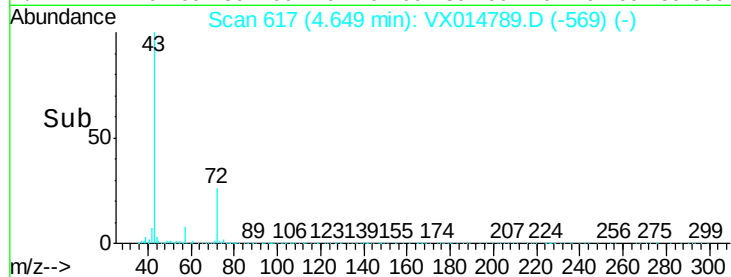
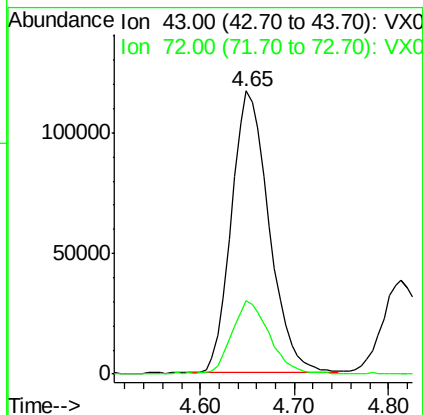
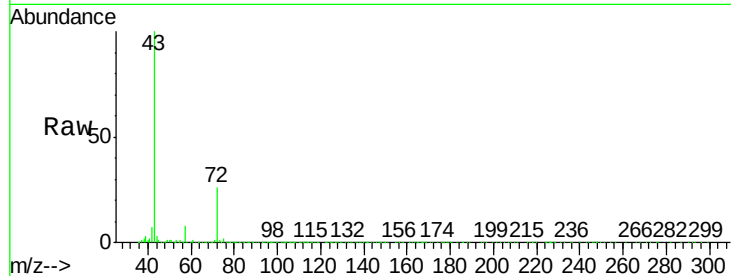
VX0203WBSD01

Tgt Ion: 43 Resp: 326487

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9



#26

2,2-Dichloropropane

Concen: 17.79 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014789.D

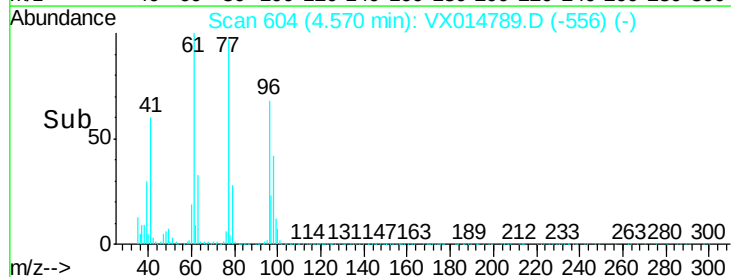
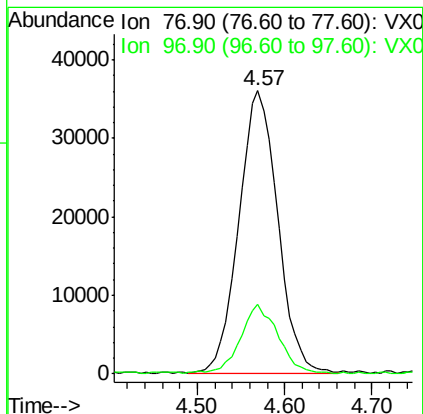
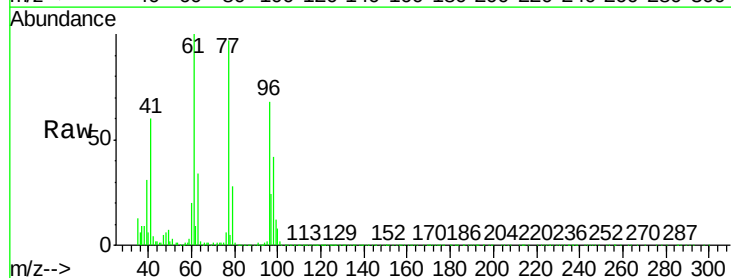
Acq: 03 Feb 2020 11:41

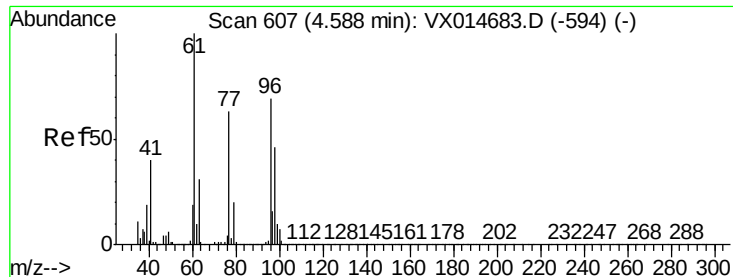
Tgt Ion: 77 Resp: 110644

Ion Ratio Lower Upper

77 100

97 24.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.34 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

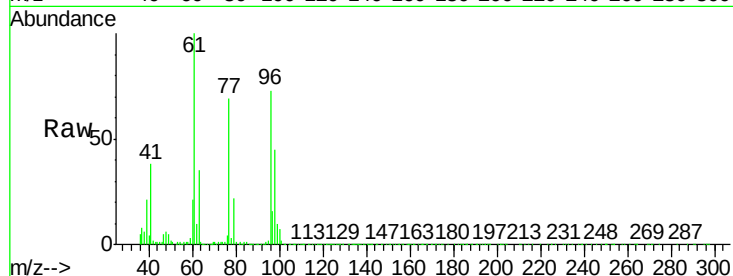
Tgt Ion: 96 Resp: 85479

Ion Ratio Lower Upper

96 100

61 144.5 0.0 291.0

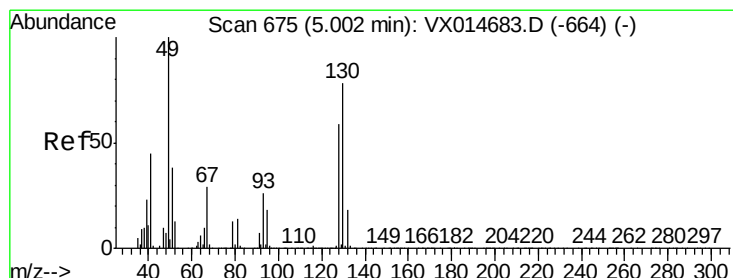
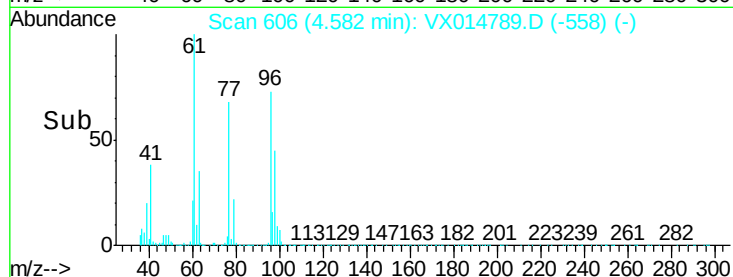
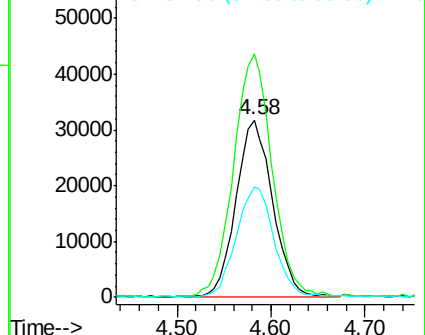
98 65.6 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.01 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

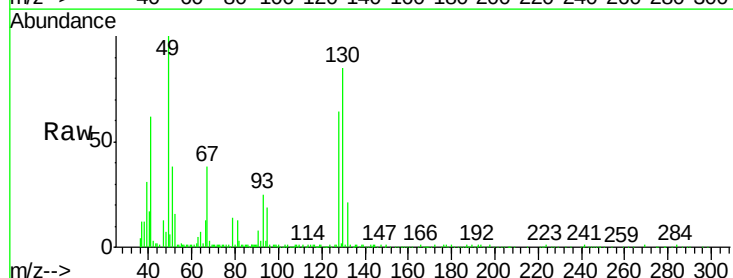
Tgt Ion: 49 Resp: 61476

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

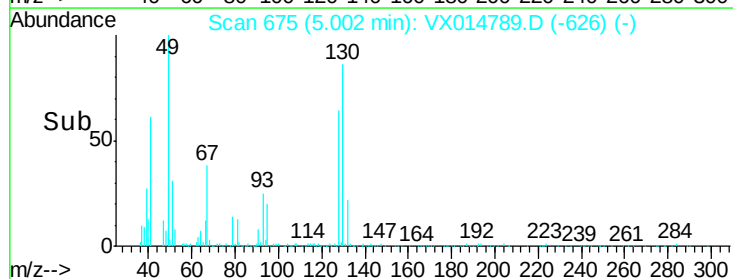
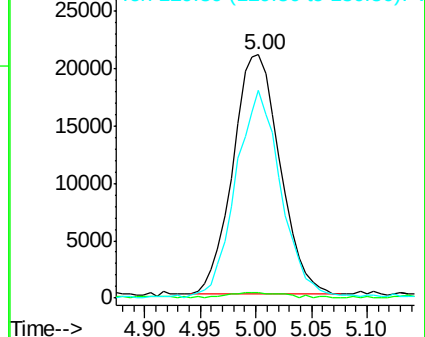
130 81.8 62.4 93.6

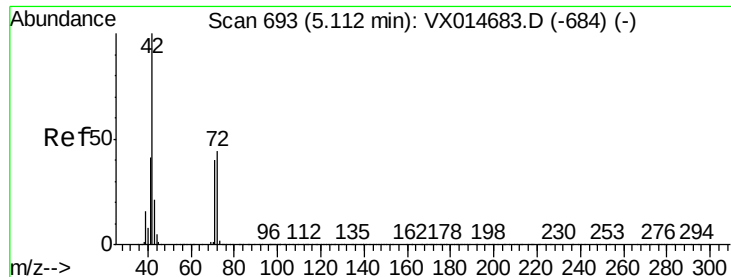


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 85.69 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

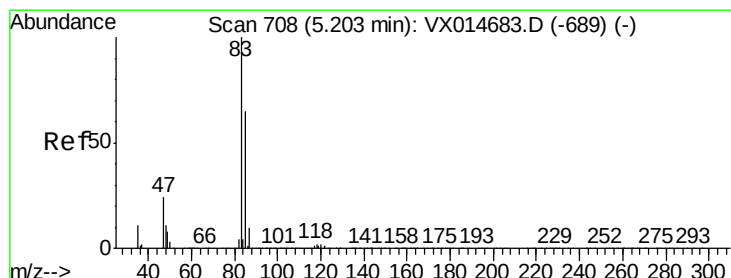
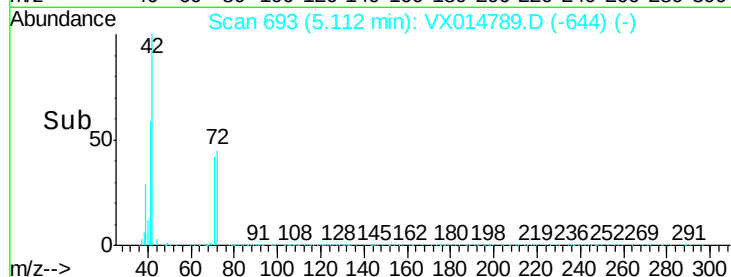
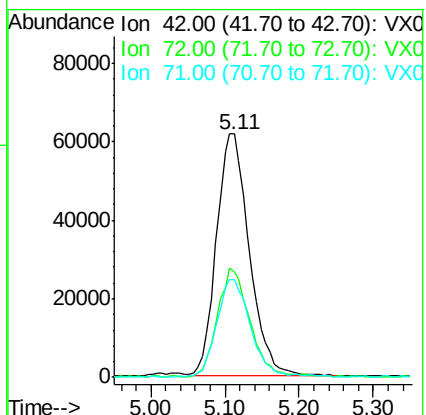
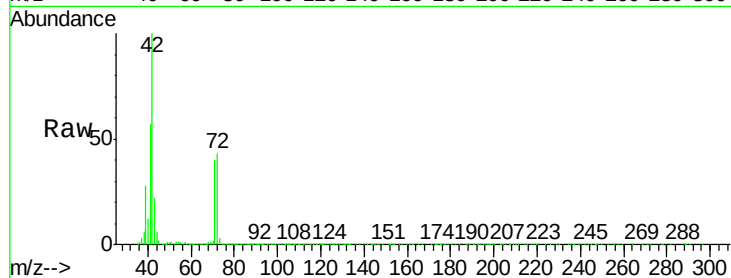
Tgt Ion: 42 Resp: 187674

Ion Ratio Lower Upper

42 100

72 44.8 35.3 52.9

71 41.3 33.1 49.7



#30

Chloroform

Concen: 18.02 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014789.D

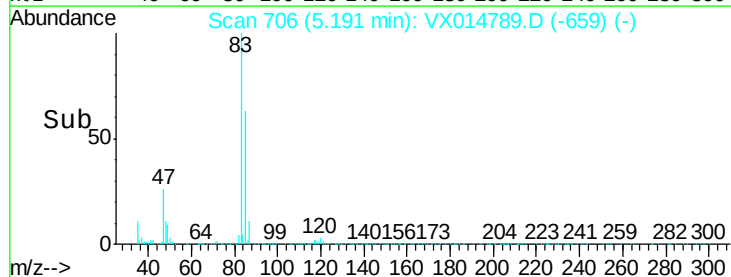
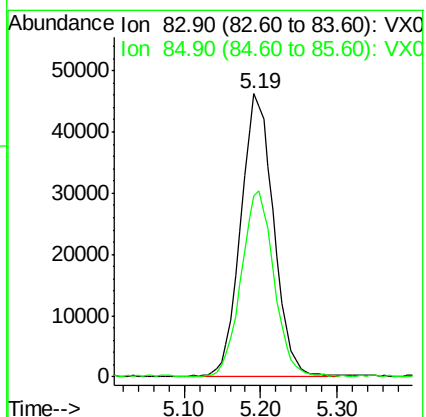
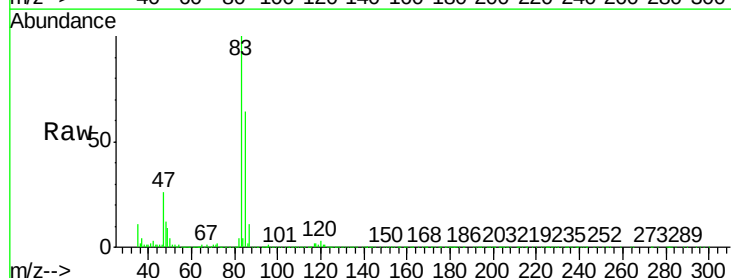
Acq: 03 Feb 2020 11:41

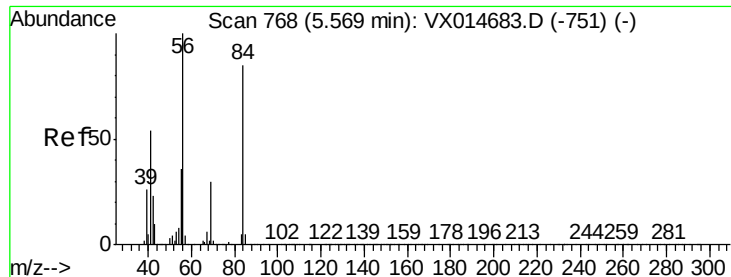
Tgt Ion: 83 Resp: 138718

Ion Ratio Lower Upper

83 100

85 63.7 51.7 77.5

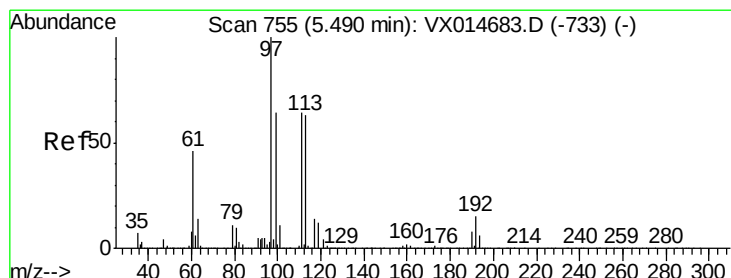
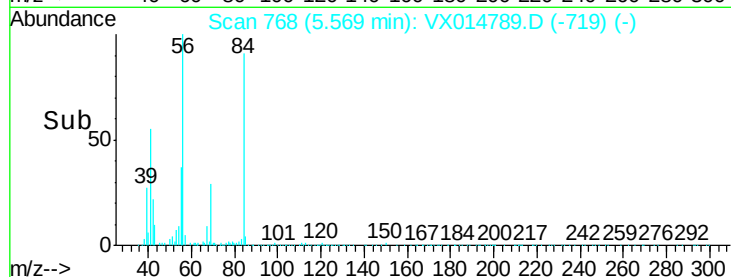
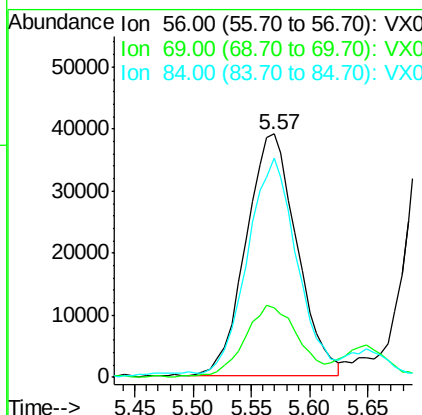
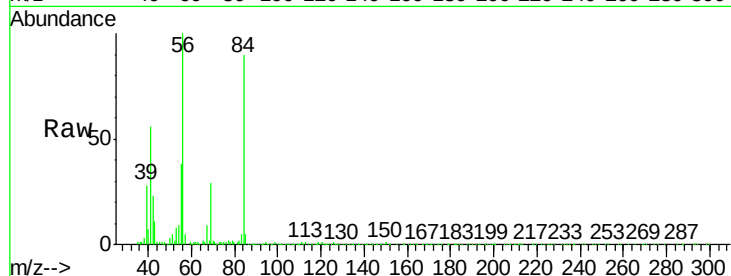




#31
Cyclohexane
Concen: 16.29 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

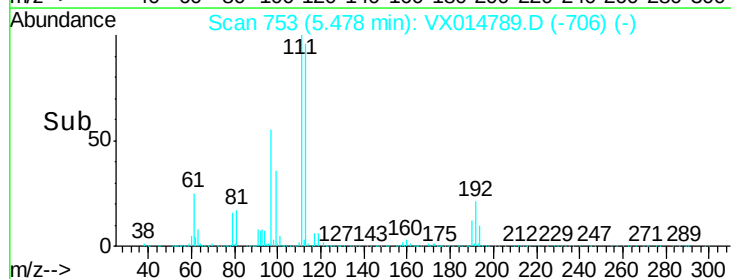
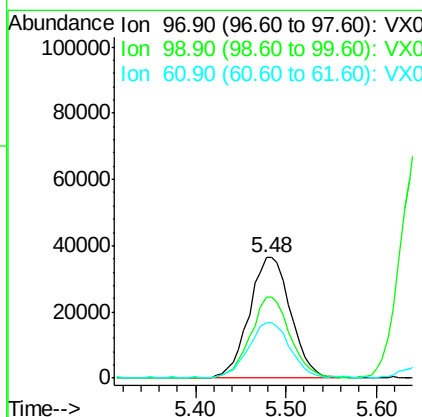
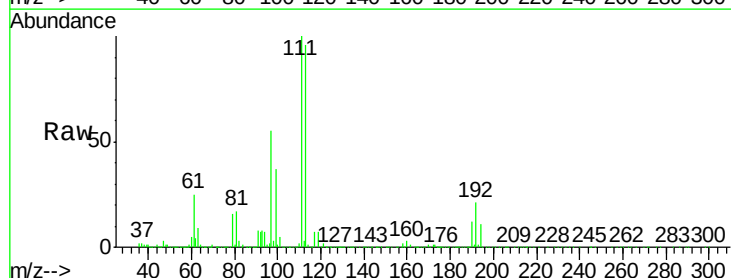
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

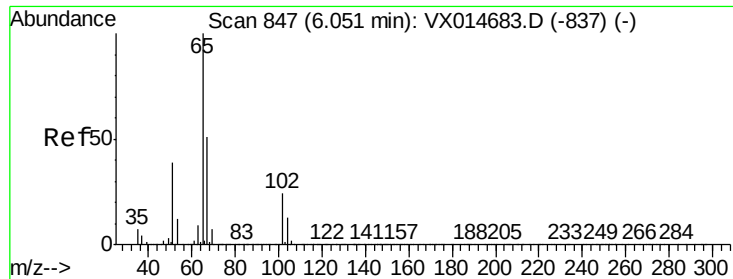
Tgt Ion: 56 Resp: 119063
Ion Ratio Lower Upper
56 100
69 28.5 23.4 35.2
84 89.0 68.4 102.6



#32
1,1,1-Trichloroethane
Concen: 17.69 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion: 97 Resp: 115095
Ion Ratio Lower Upper
97 100
99 64.0 52.3 78.5
61 45.5 37.2 55.8

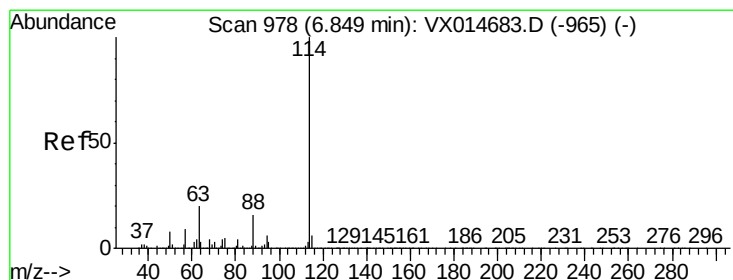
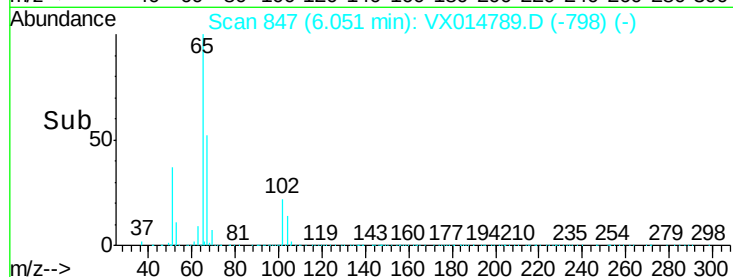
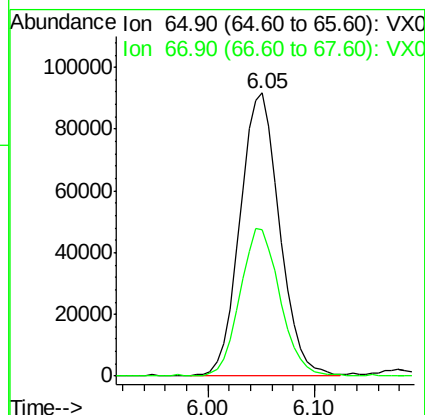
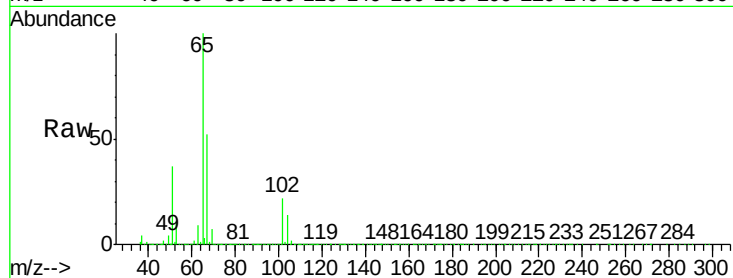




#33
 1,2-Dichloroethane-d4
 Concen: 50.80 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

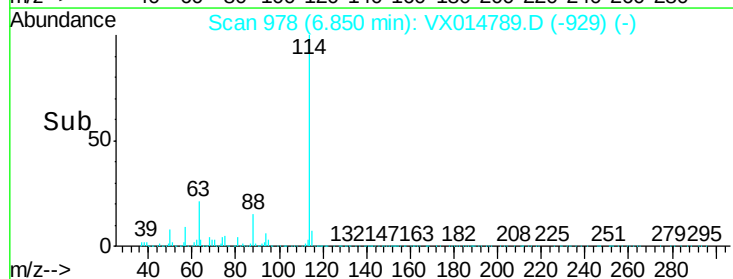
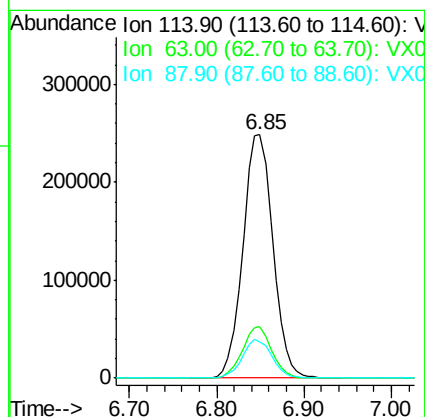
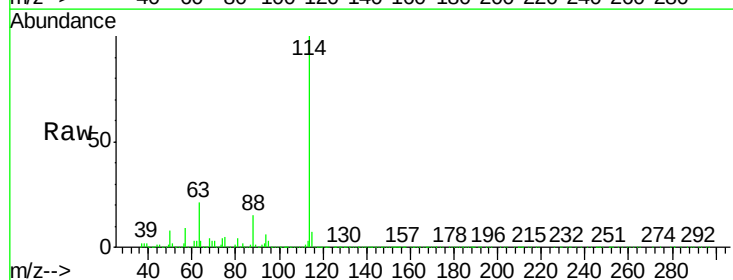
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

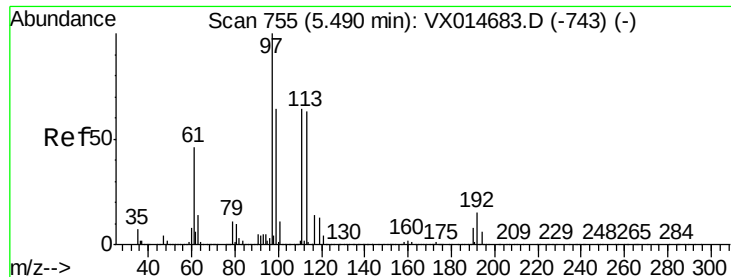
Tgt Ion: 65 Resp: 238734
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion: 114 Resp: 593612
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.6
 88 15.1 0.0 31.2

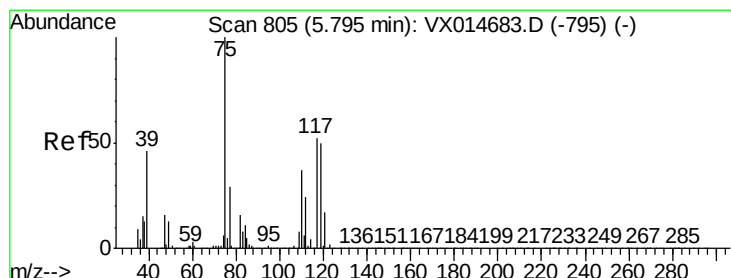
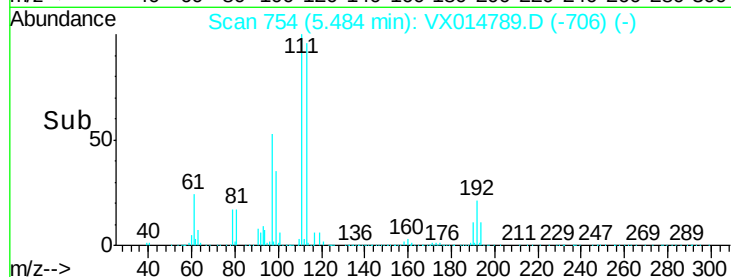
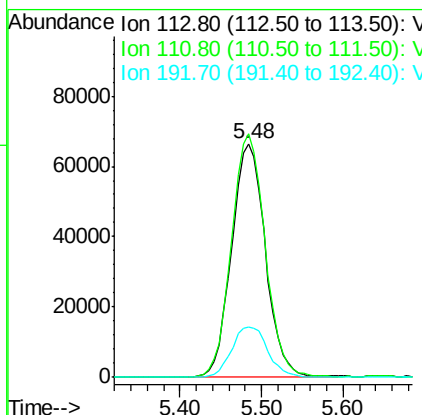
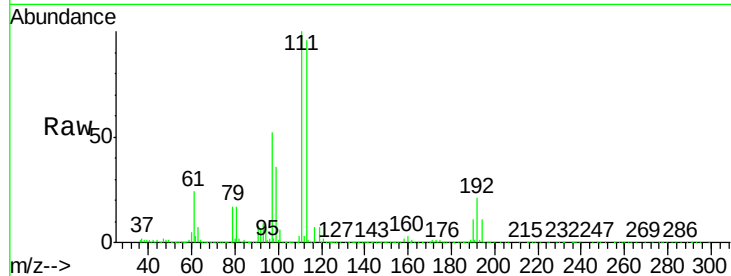




#35
 Dibromofluoromethane
 Concen: 50.55 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

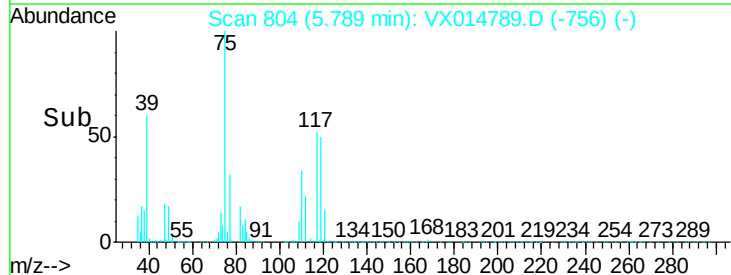
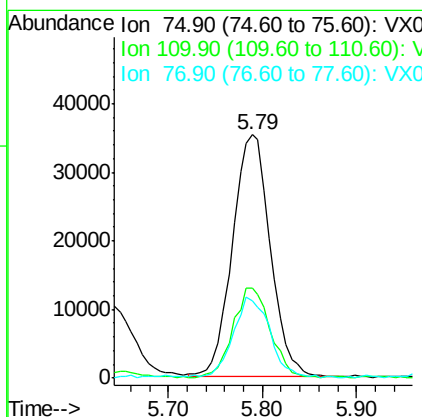
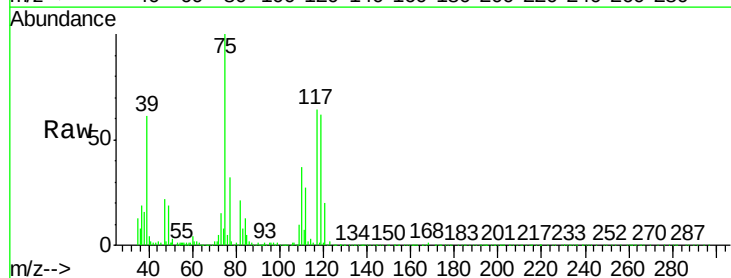
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

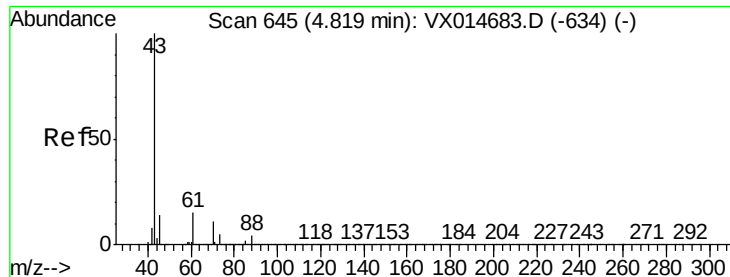
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.7	121.1
192	23.4	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 17.84 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	17.9	53.7
77	32.9	24.1	36.1

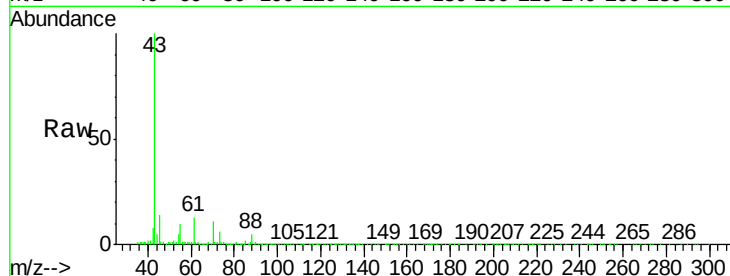




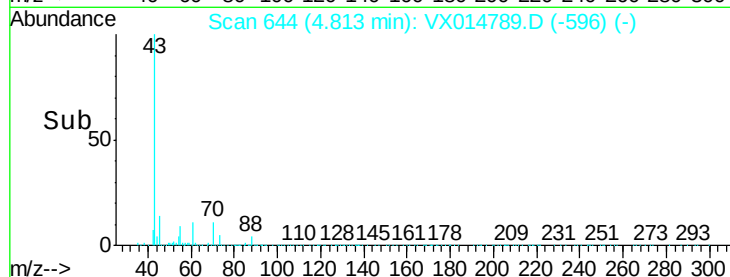
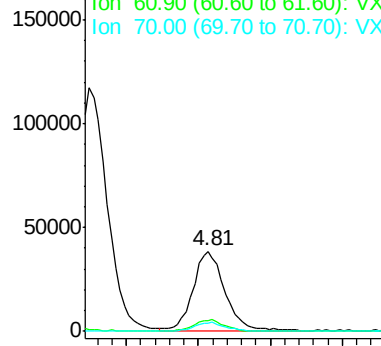
#37
Ethyl Acetate
Concen: 18.13 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

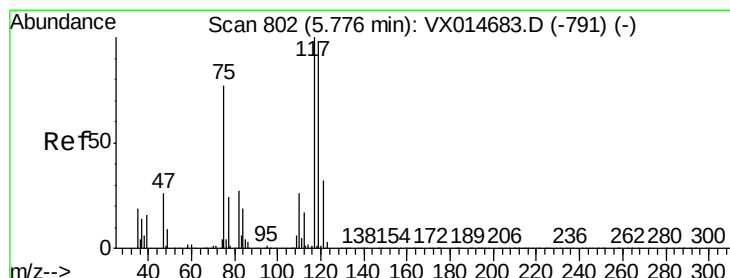
Tgt Ion:	43	Resp:	114530
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.0	16.4
70	10.6	8.5	12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

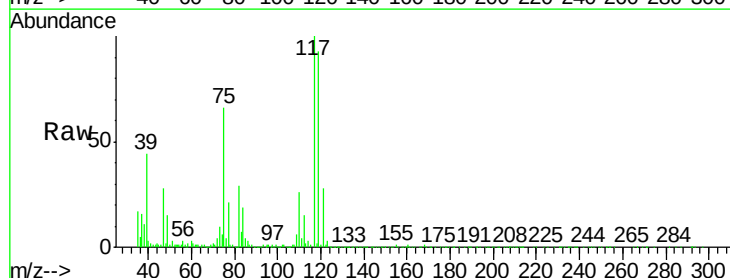


Time-->

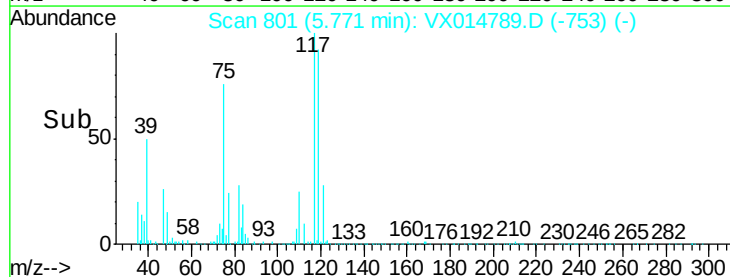
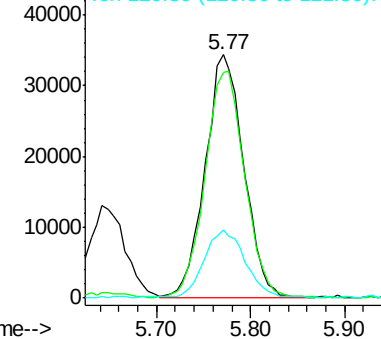


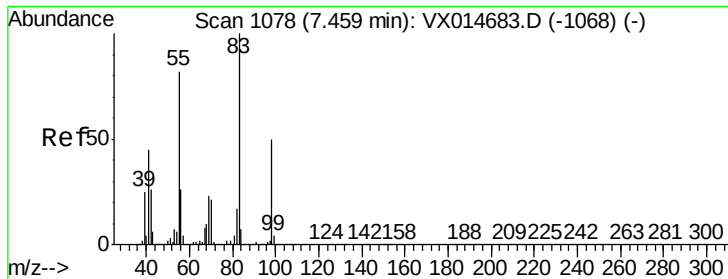
#38
Carbon Tetrachloride
Concen: 18.60 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion:	117	Resp:	97986
Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.9	116.9
121	27.7	25.4	38.2



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

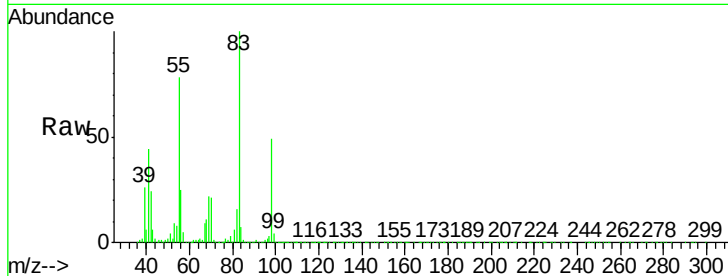




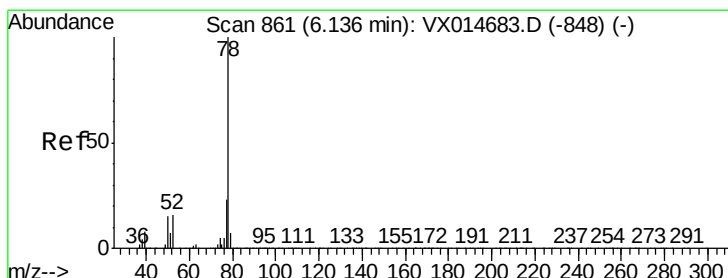
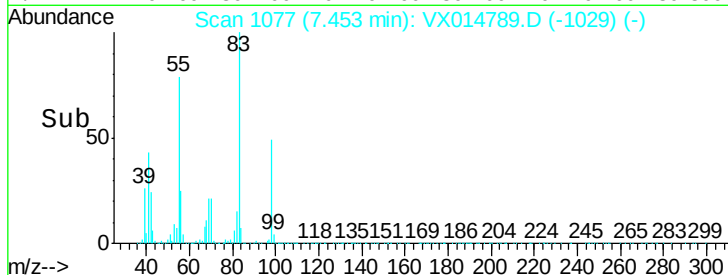
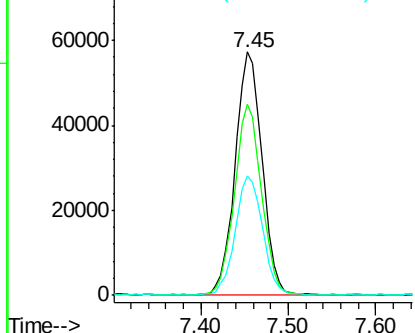
#39
Methylcyclohexane
Concen: 17.87 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.1	65.6	98.4
98	48.9	40.2	60.4

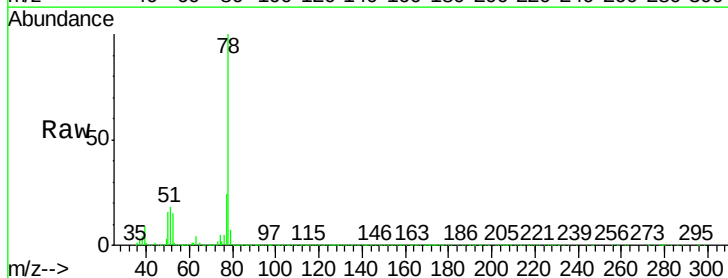


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

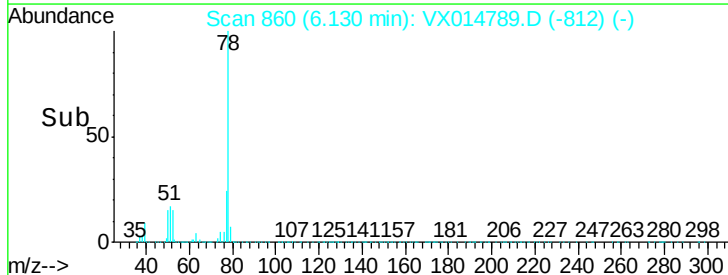
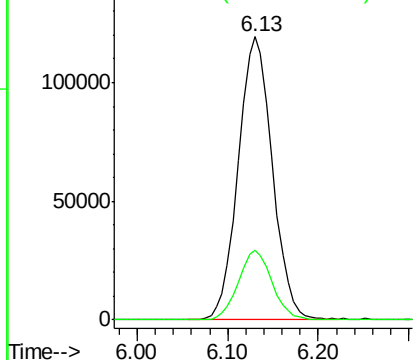


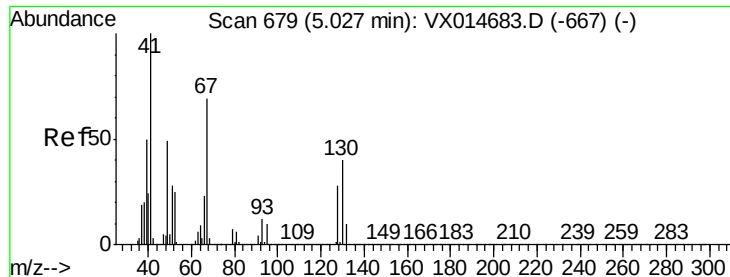
#40
Benzene
Concen: 18.12 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.7	28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

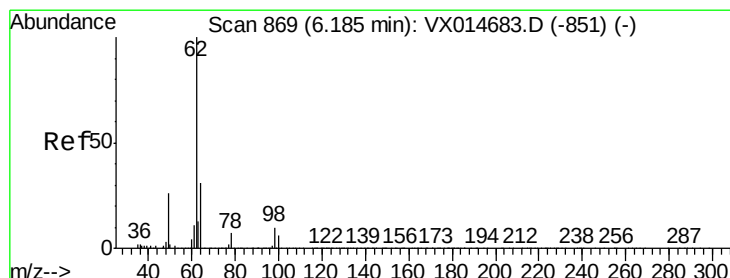
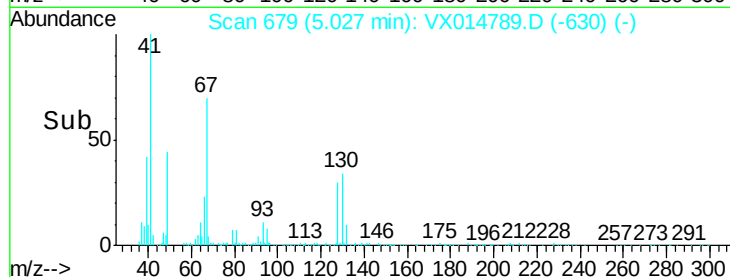
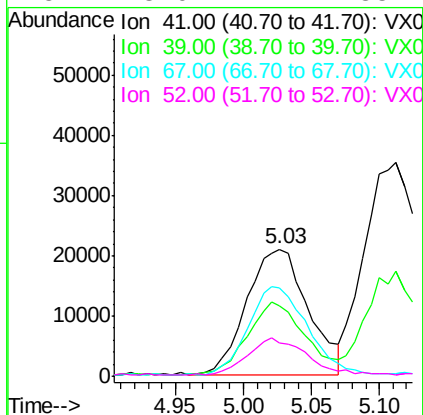
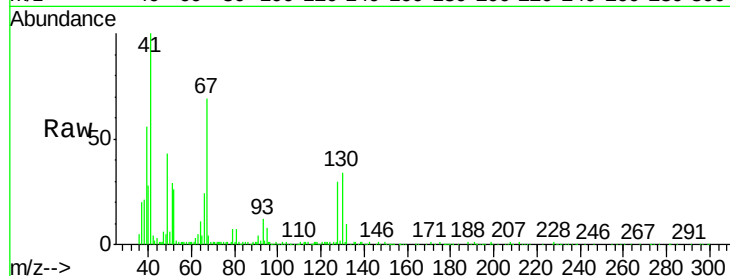




#41
Methacrylonitrile
Concen: 18.17 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

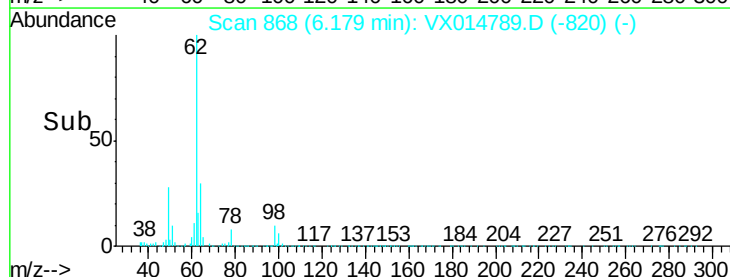
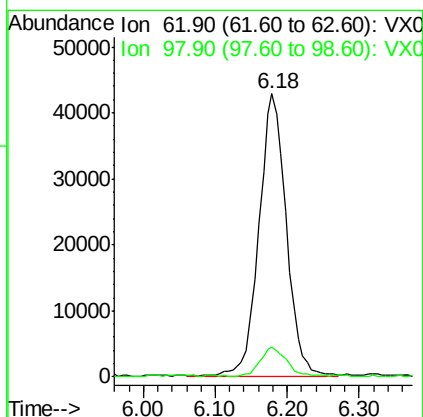
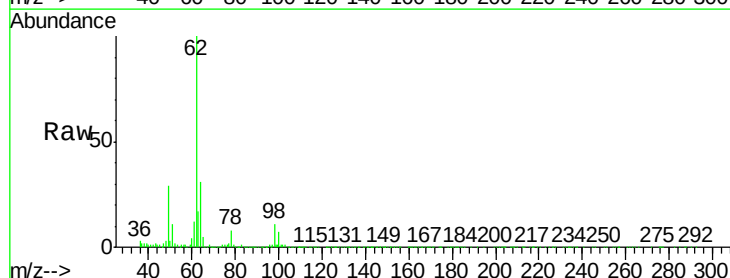
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

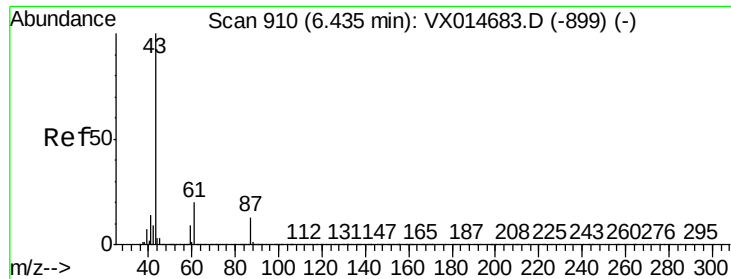
Tgt Ion:	41	Resp:	66057
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.2	63.2
67	68.6	55.4	83.0
52	28.0	22.1	33.1



#42
1,2-Dichloroethane
Concen: 19.14 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion:	62	Resp:	112655
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.0





#43

Isopropyl Acetate

Concen: 18.13 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

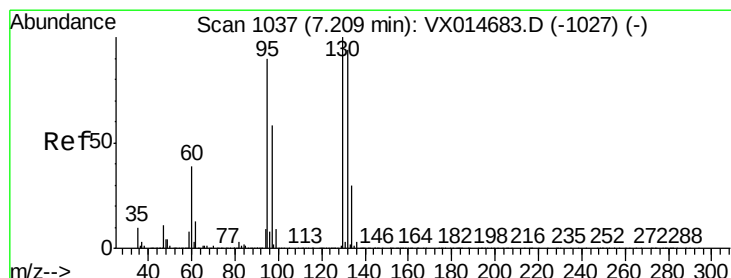
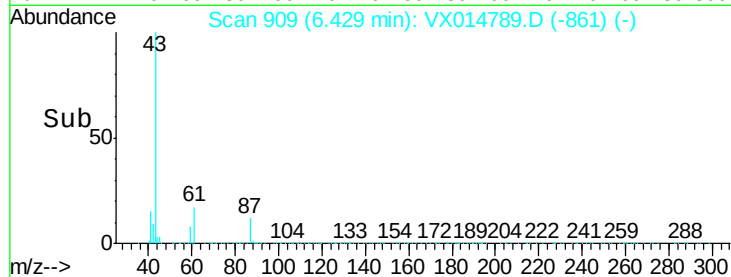
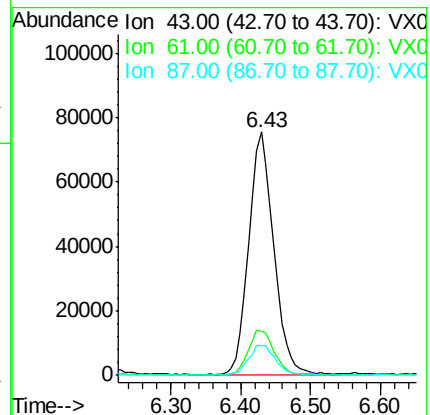
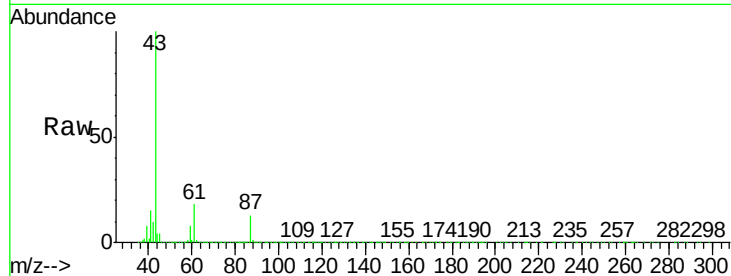
Tgt Ion: 43 Resp: 187540

Ion Ratio Lower Upper

43 100

61 19.0 16.2 24.4

87 13.6 10.5 15.7



#44

Trichloroethene

Concen: 17.68 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014789.D

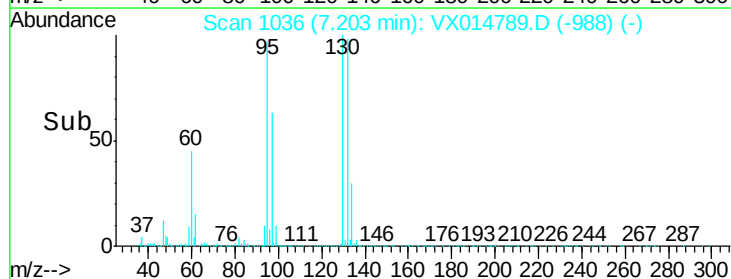
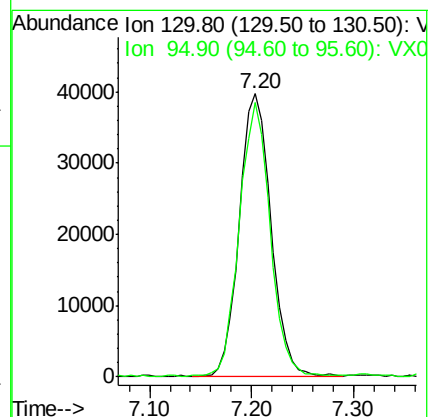
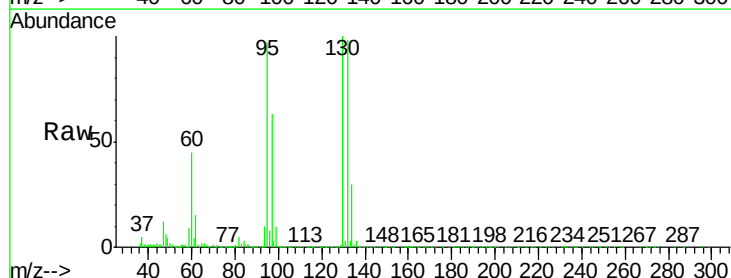
Acq: 03 Feb 2020 11:41

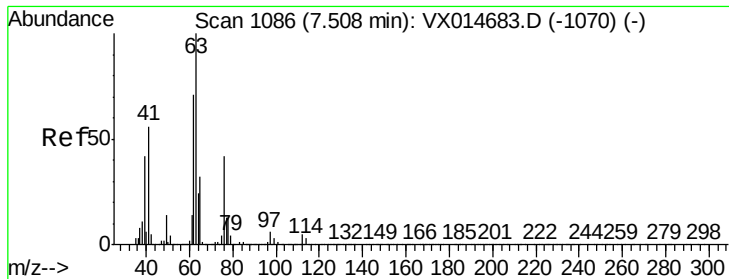
Tgt Ion: 130 Resp: 85116

Ion Ratio Lower Upper

130 100

95 96.4 0.0 179.8

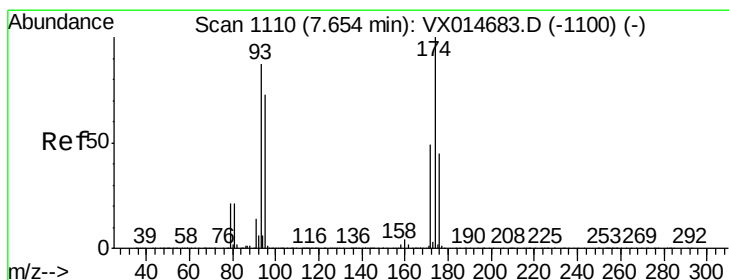
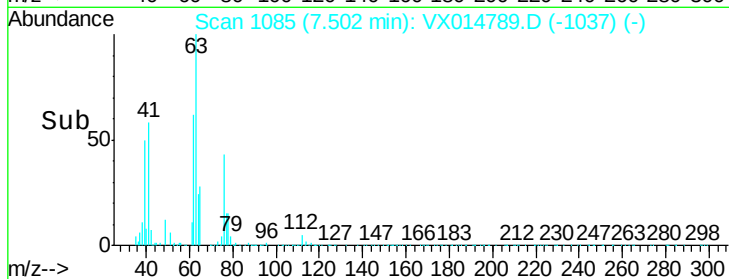
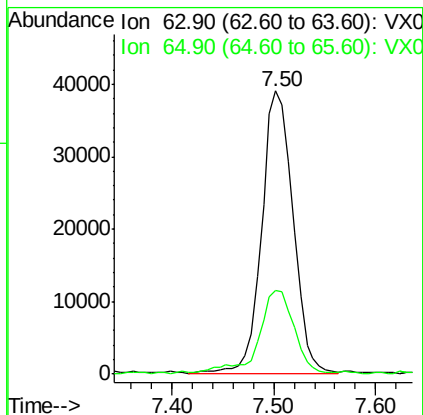
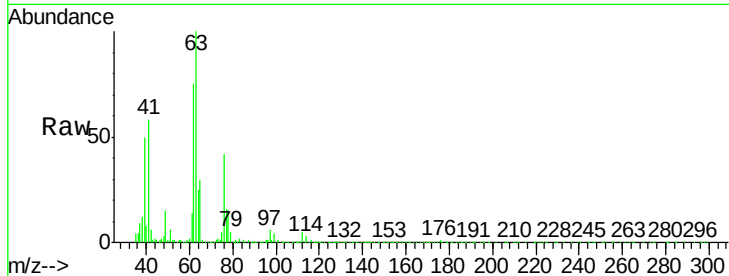




#45
 1,2-Dichloropropane
 Concen: 18.84 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

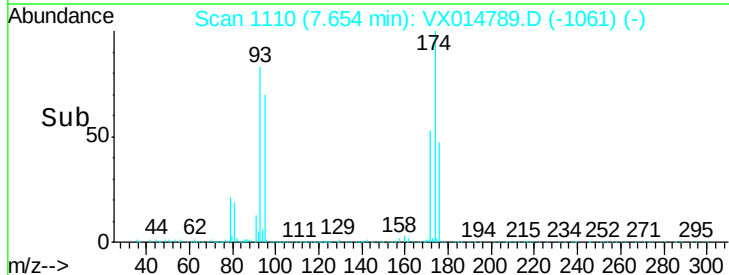
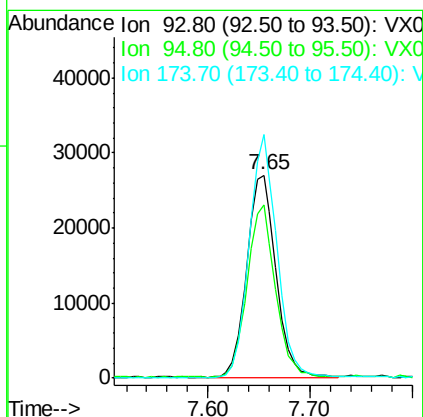
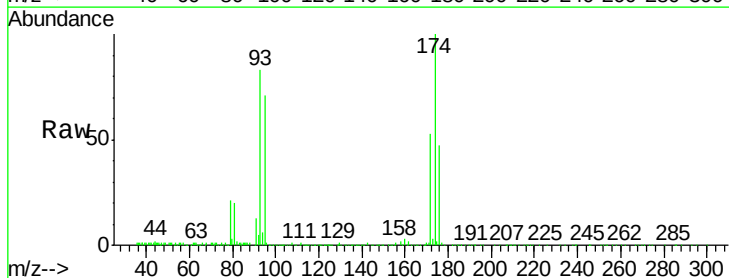
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

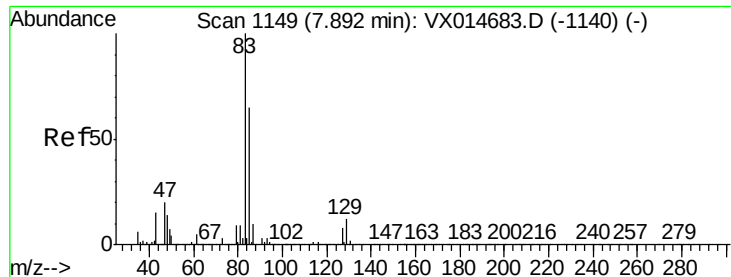
Tgt Ion: 63 Resp: 82731
 Ion Ratio Lower Upper
 63 100
 65 29.3 25.2 37.8



#46
 Dibromomethane
 Concen: 19.25 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion: 93 Resp: 54748
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.0 100.4
 174 113.2 90.2 135.2





#47

Bromodichloromethane

Concen: 18.90 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

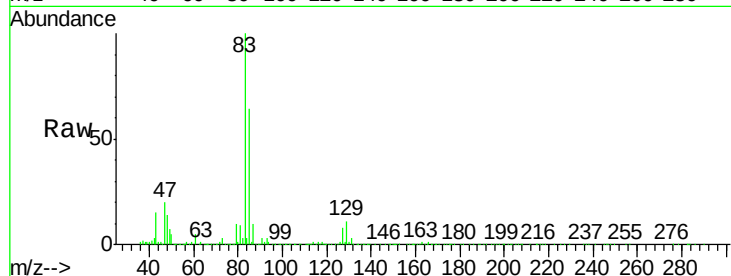
Tgt Ion: 83 Resp: 105427

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.2

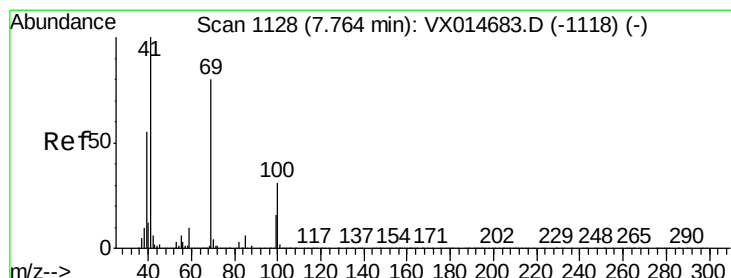
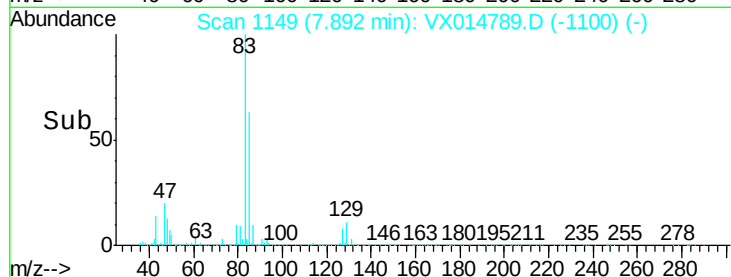
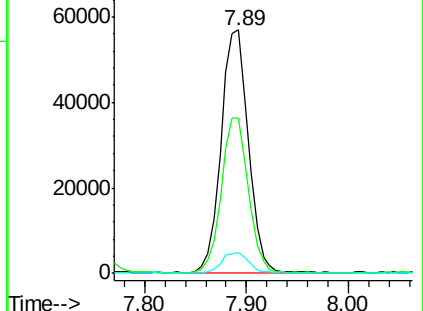
127 8.3 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.51 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

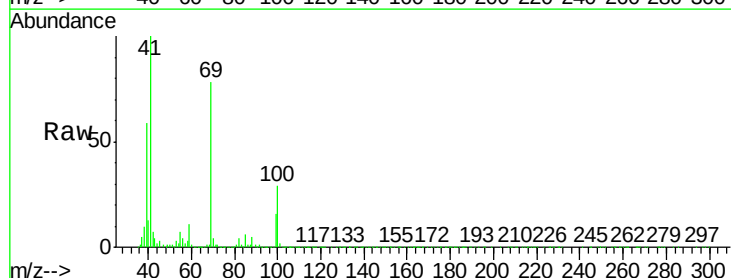
Tgt Ion: 41 Resp: 91499

Ion Ratio Lower Upper

41 100

69 79.1 63.5 95.3

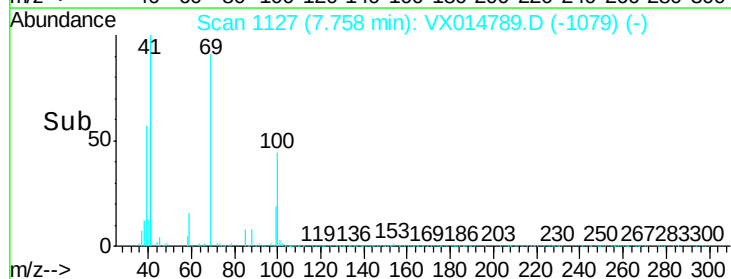
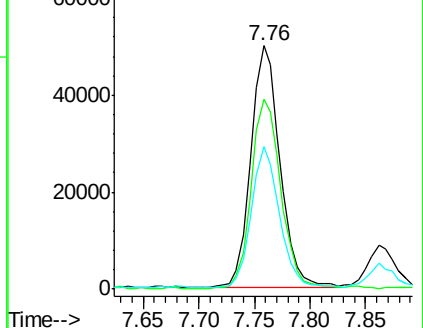
39 56.0 43.7 65.5

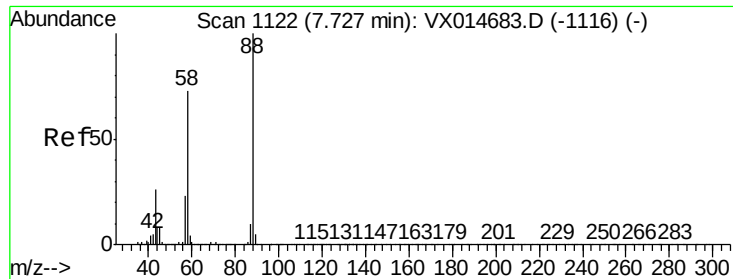


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 355.21 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

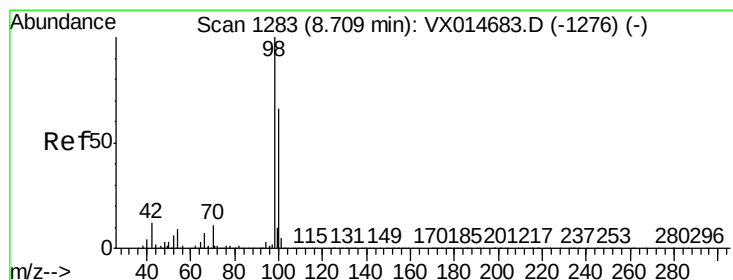
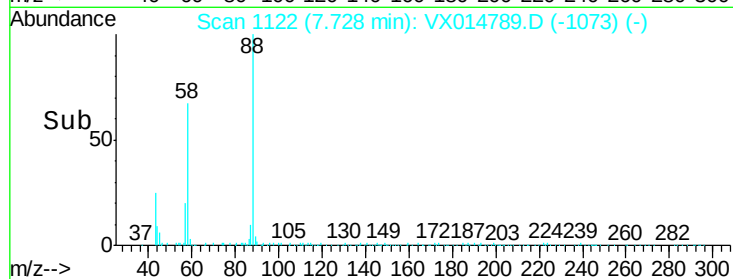
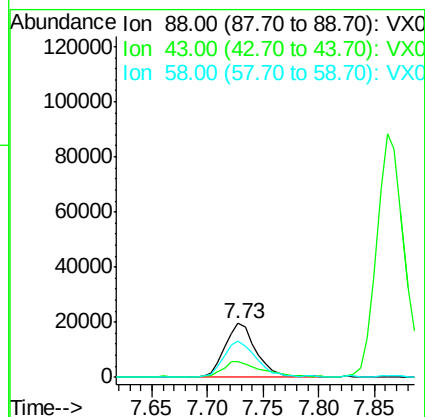
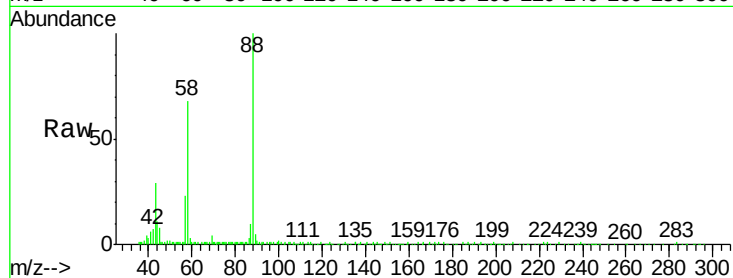
Tgt Ion: 88 Resp: 37218

Ion Ratio Lower Upper

88 100

43 33.8 26.2 39.2

58 76.1 56.6 85.0



#50

Toluene-d8

Concen: 50.59 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014789.D

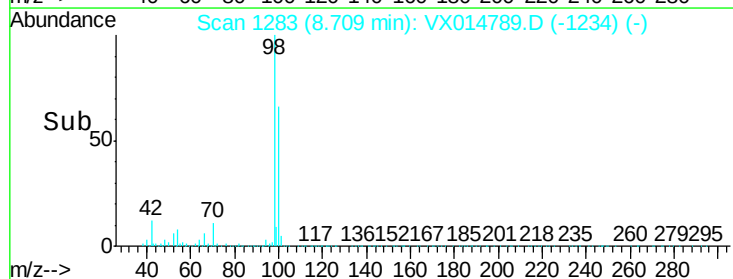
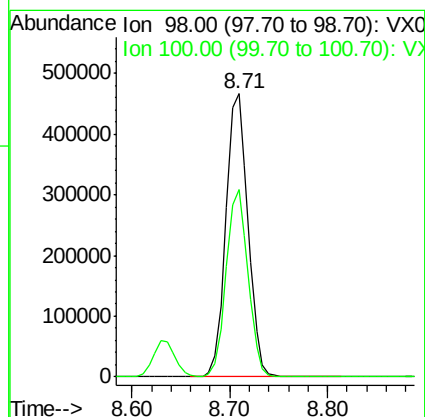
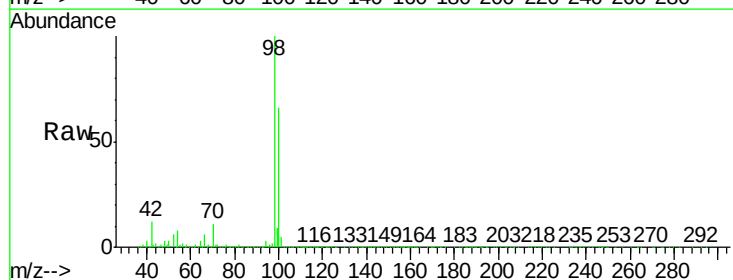
Acq: 03 Feb 2020 11:41

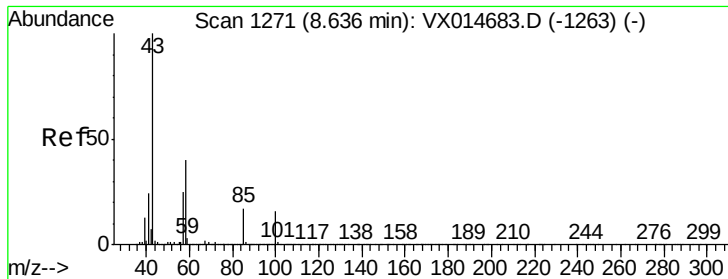
Tgt Ion: 98 Resp: 728530

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6

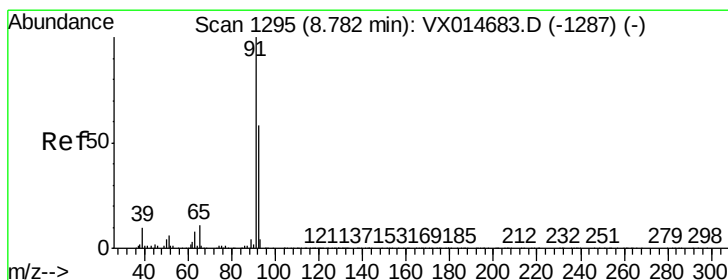
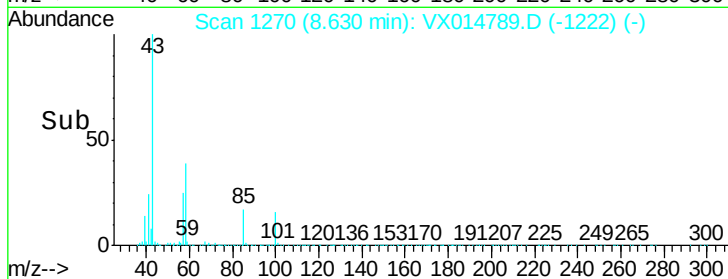
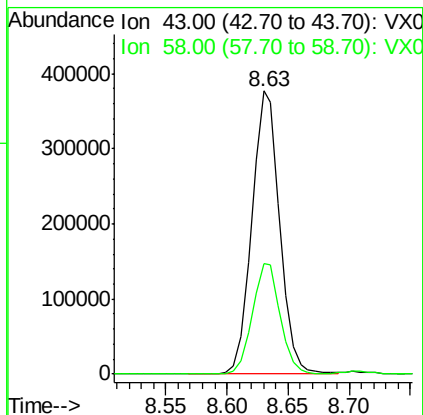
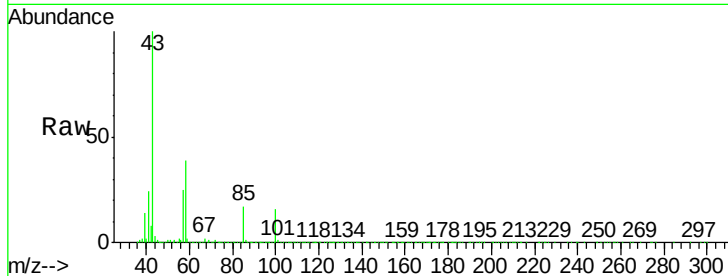




#51
 4-Methyl-2-Pentanone
 Concen: 91.15 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

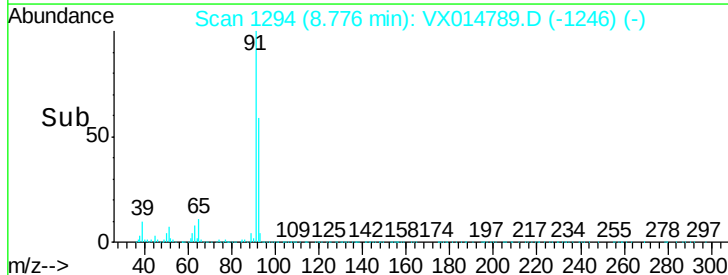
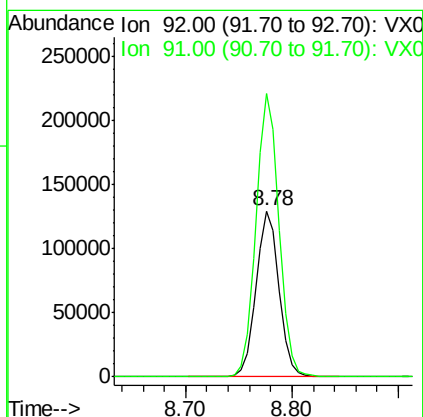
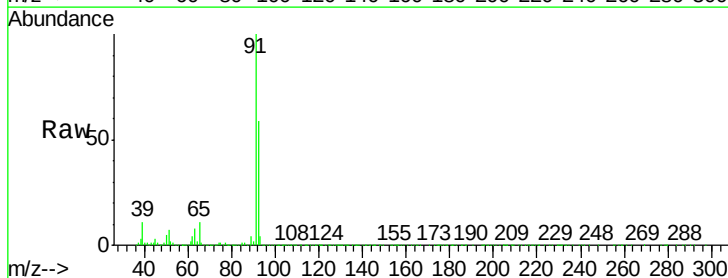
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

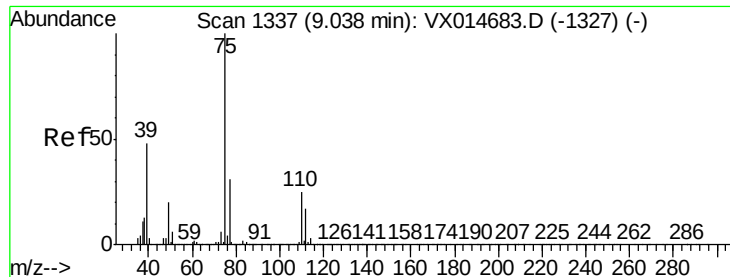
Tgt Ion: 43 Resp: 595140
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.6 47.4



#52
 Toluene
 Concen: 18.51 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion: 92 Resp: 193920
 Ion Ratio Lower Upper
 92 100
 91 171.8 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 18.86 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

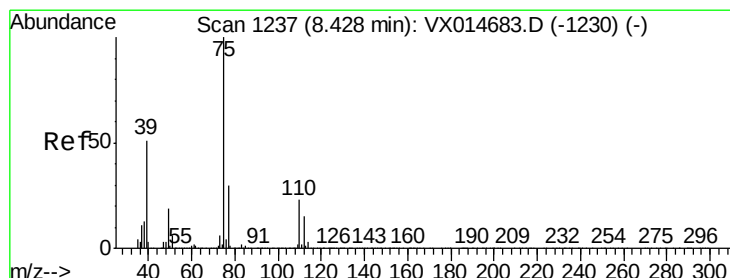
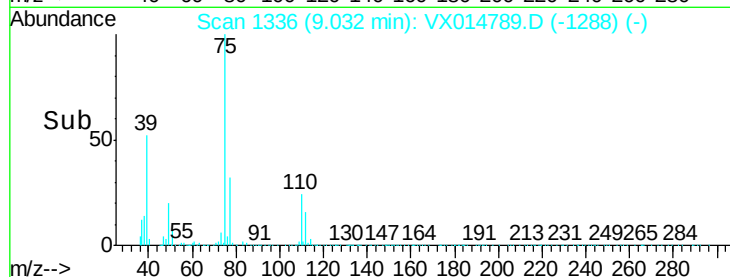
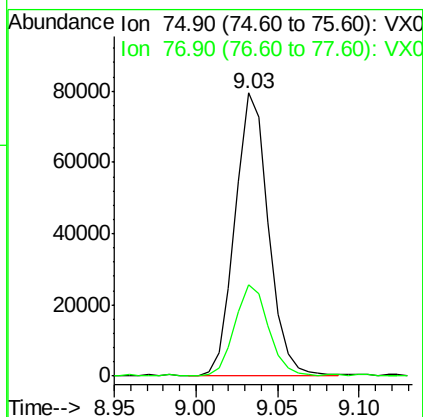
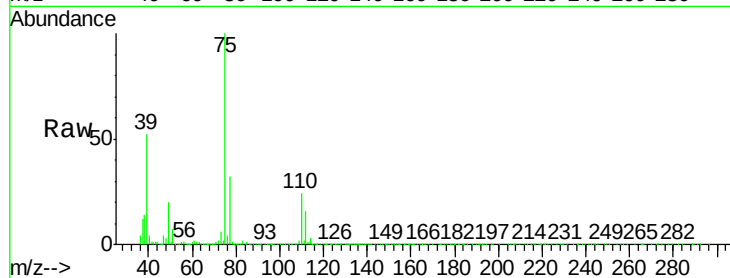
VX0203WBSD01

Tgt Ion: 75 Resp: 113286

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.17 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

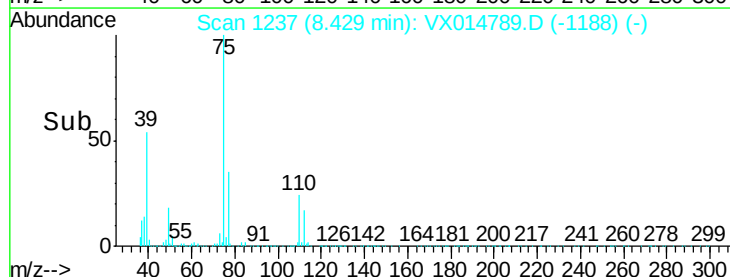
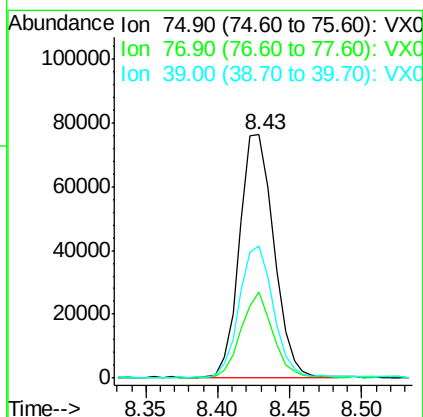
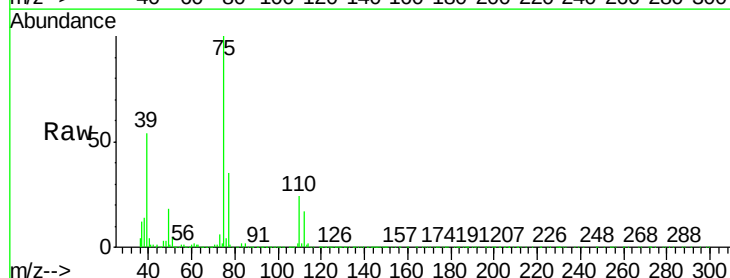
Tgt Ion: 75 Resp: 126660

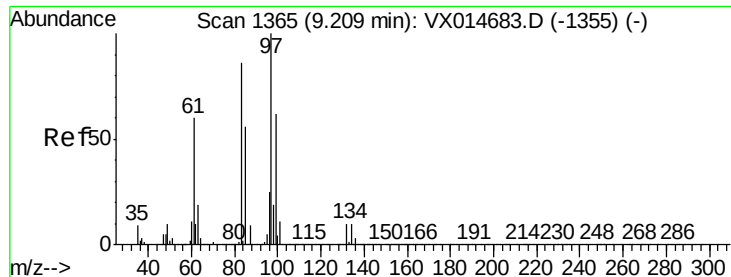
Ion Ratio Lower Upper

75 100

77 35.0 23.9 35.9

39 53.9 40.9 61.3

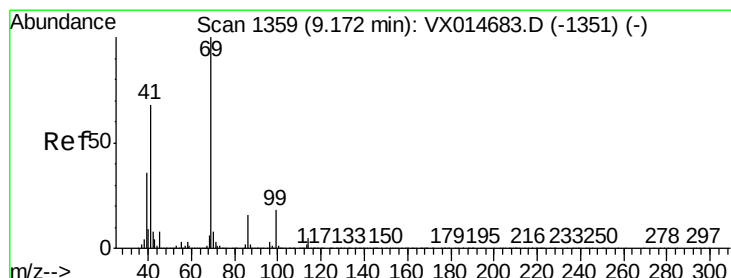
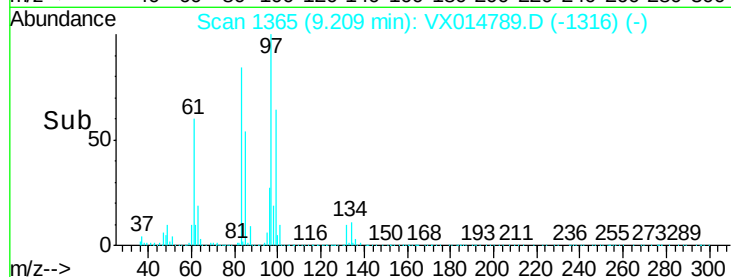
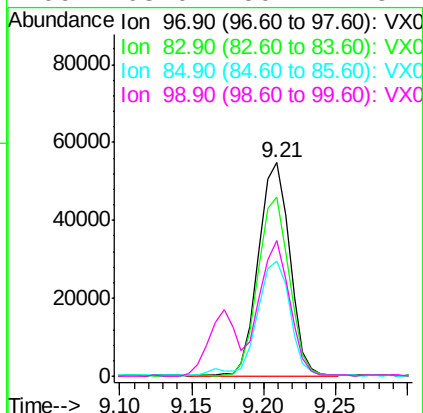
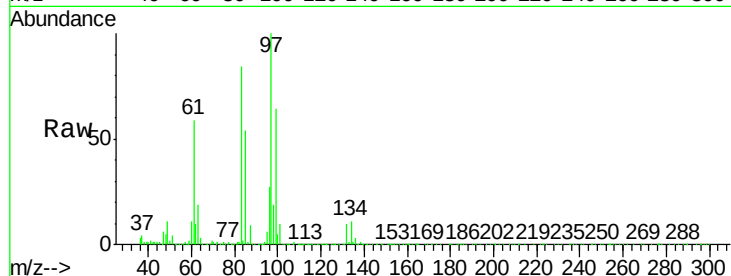




#55
 1,1,2-Trichloroethane
 Concen: 19.12 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

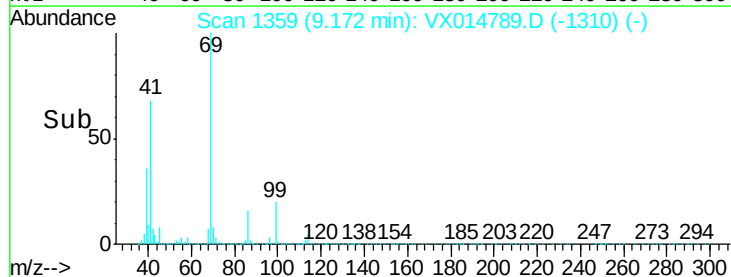
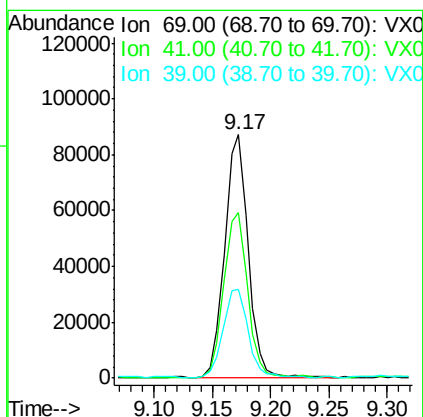
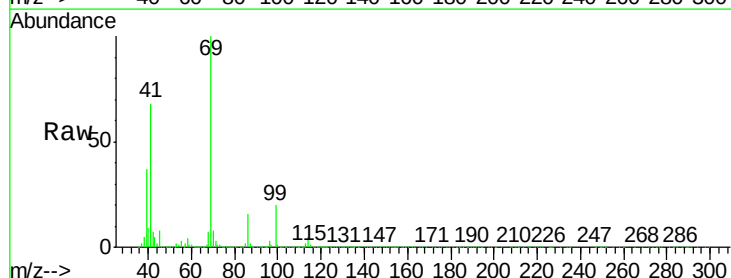
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

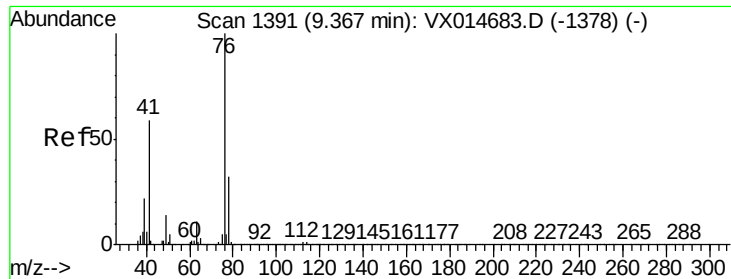
Tgt Ion:	97	Resp:	82007
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.2	103.8
85	53.4	44.6	67.0
99	63.0	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 17.94 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion:	69	Resp:	121842
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.9	82.3
39	38.2	29.3	43.9

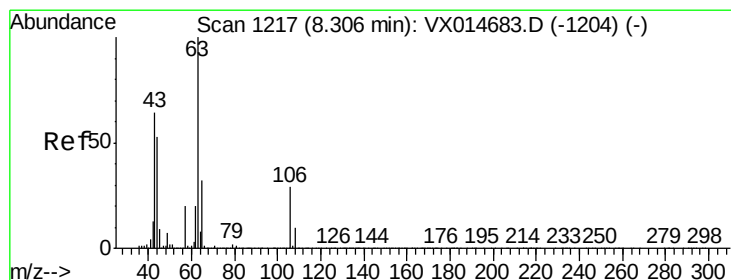
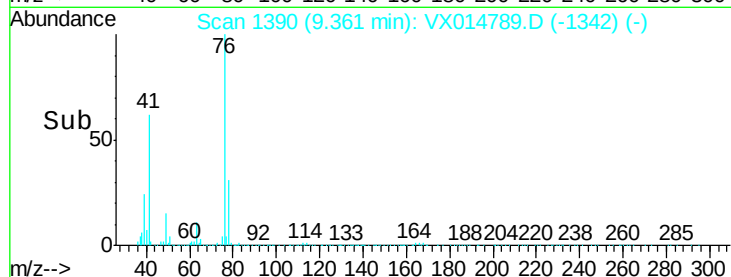
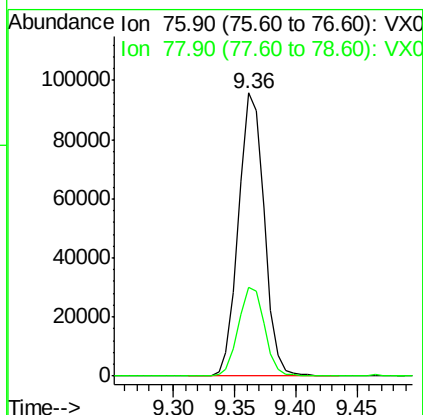
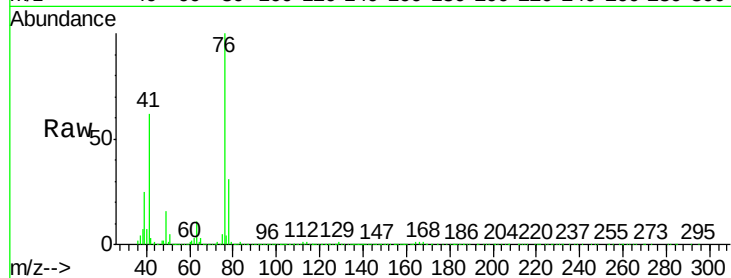




#57
 1,3-Dichloropropane
 Concen: 18.95 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

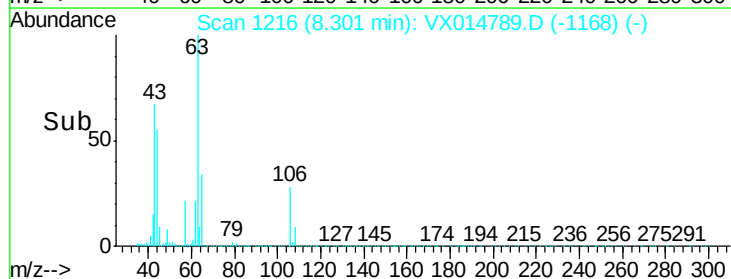
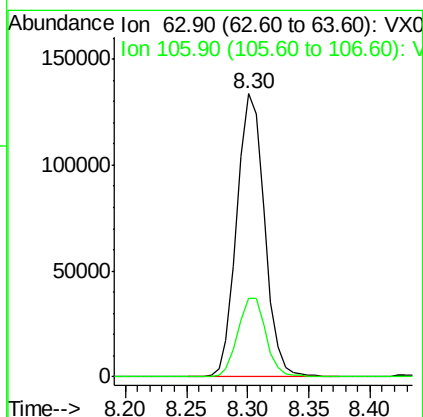
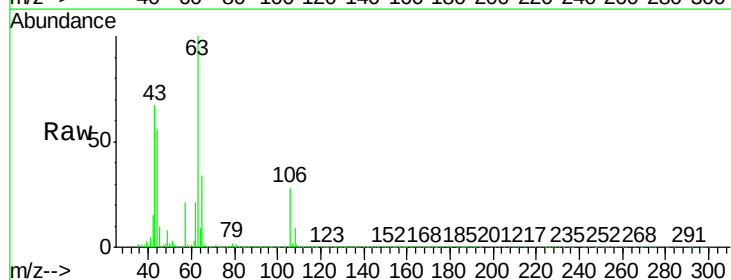
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

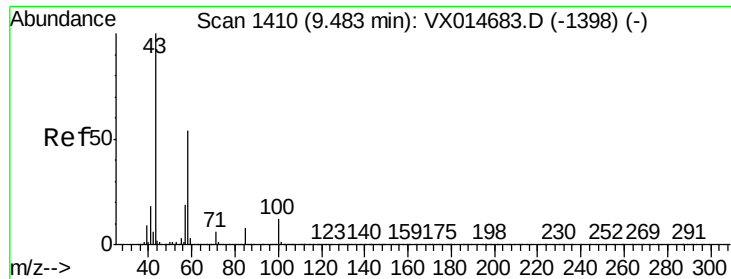
Tgt Ion: 76 Resp: 138914
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.97 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion: 63 Resp: 209174
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1

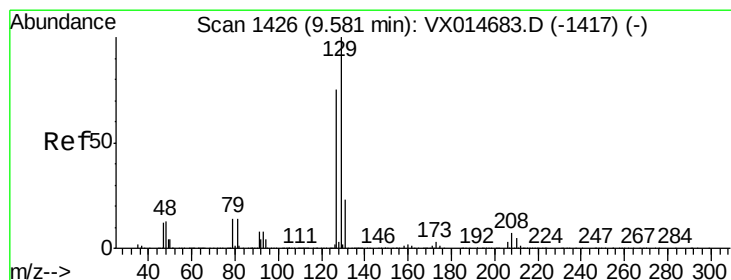
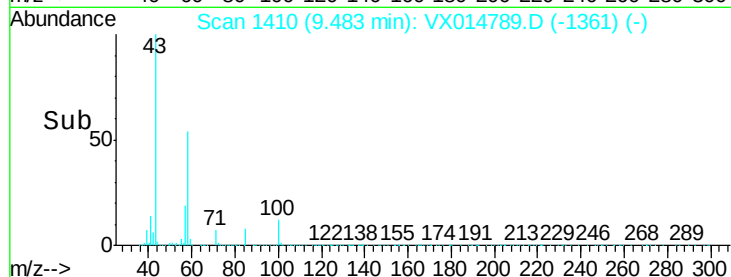
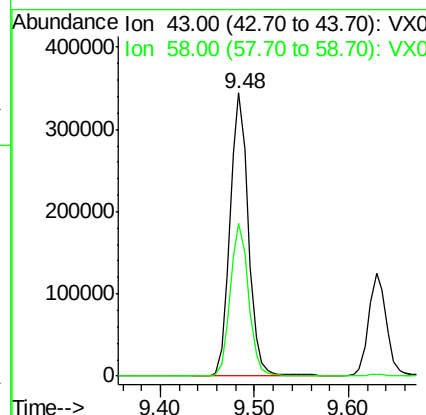
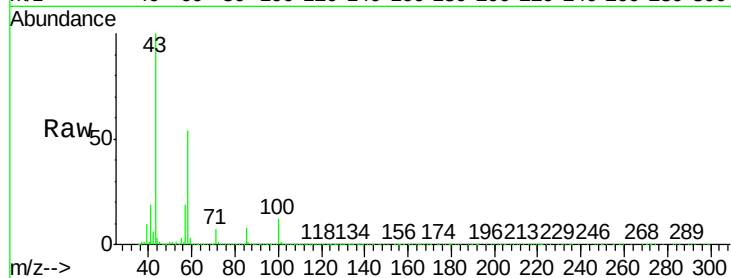




#59
2-Hexanone
Concen: 91.39 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

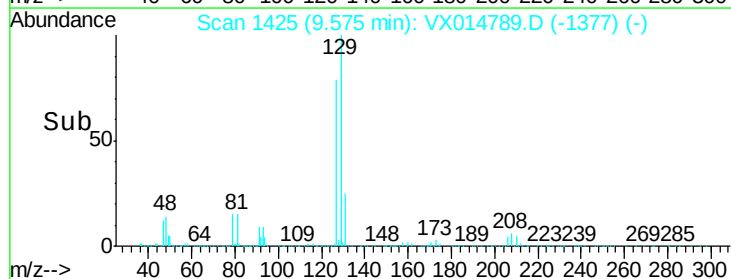
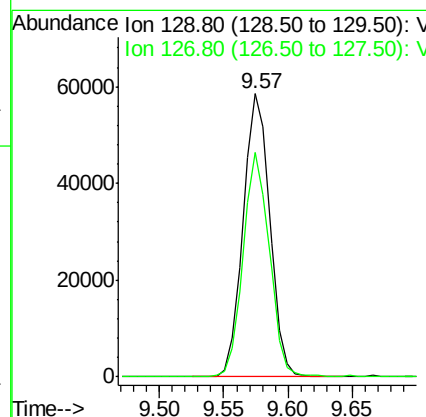
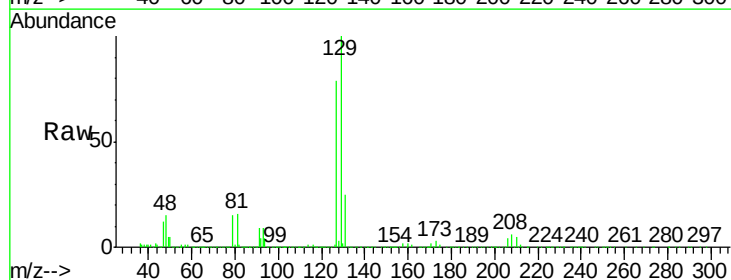
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

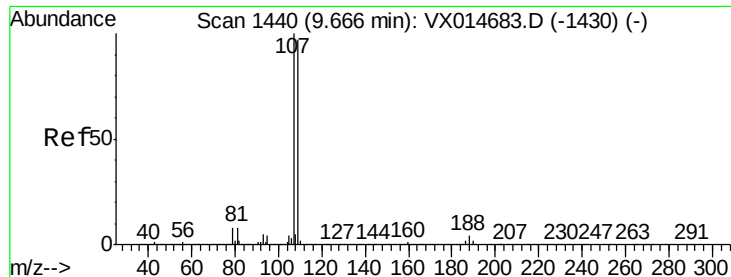
Tgt Ion: 43 Resp: 463040
Ion Ratio Lower Upper
43 100
58 54.2 27.2 81.5



#60
Dibromochloromethane
Concen: 18.70 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion: 129 Resp: 83708
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5

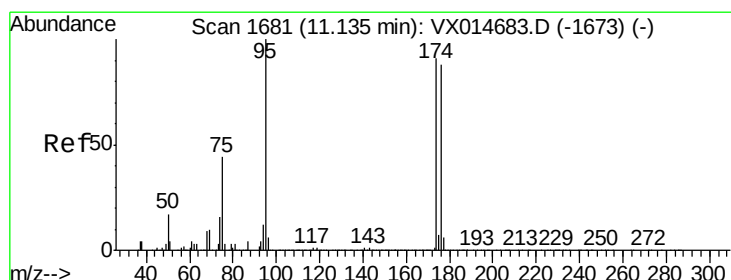
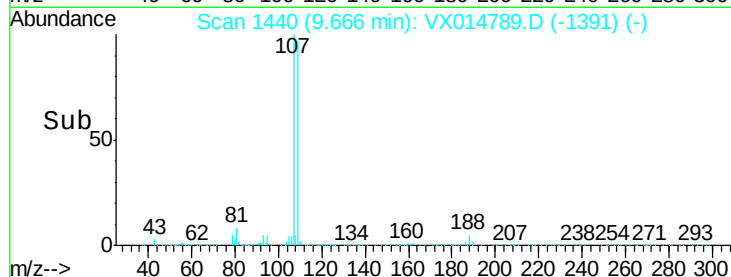
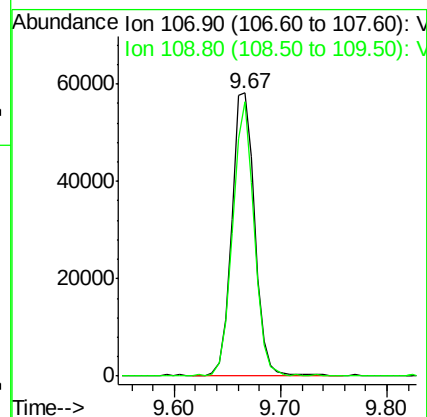
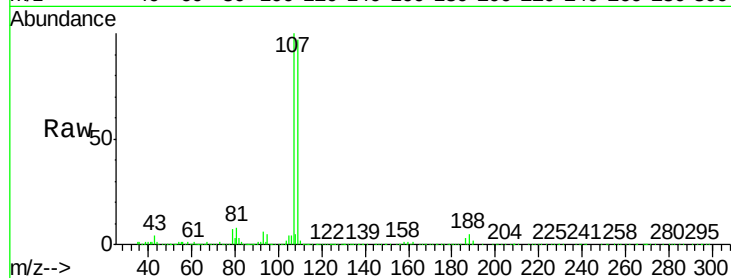




#61
 1,2-Dibromoethane
 Concen: 19.29 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

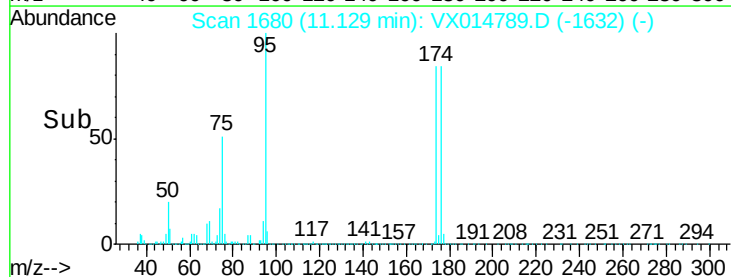
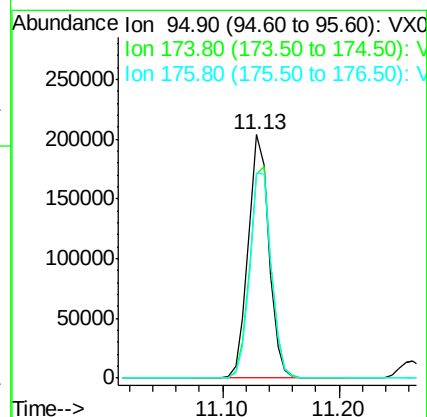
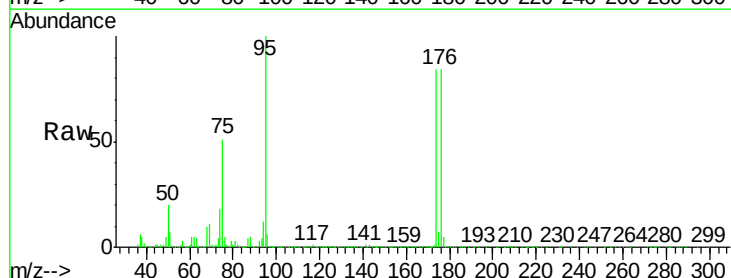
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

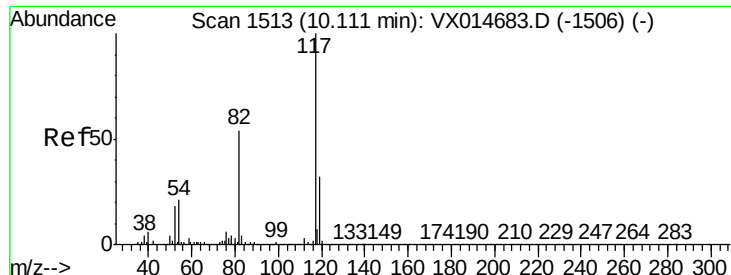
Tgt Ion: 107 Resp: 87486
 Ion Ratio Lower Upper
 107 100
 109 91.0 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 49.62 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion: 95 Resp: 254526
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 176.0
 176 87.3 0.0 172.2

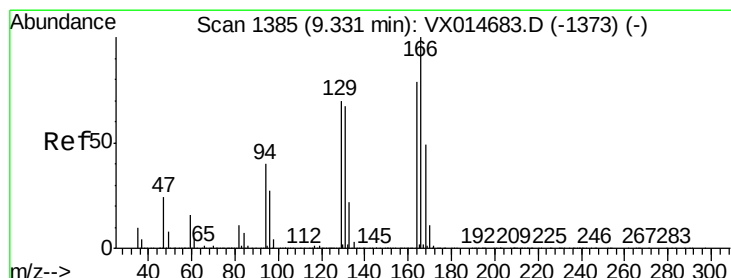
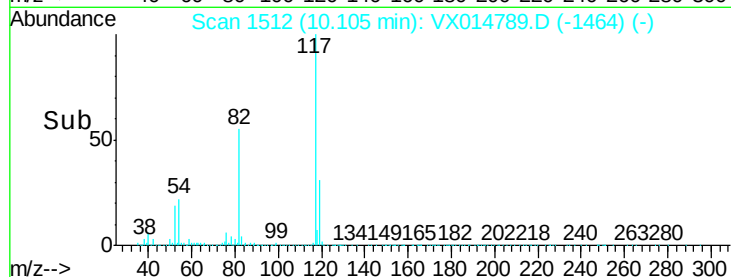
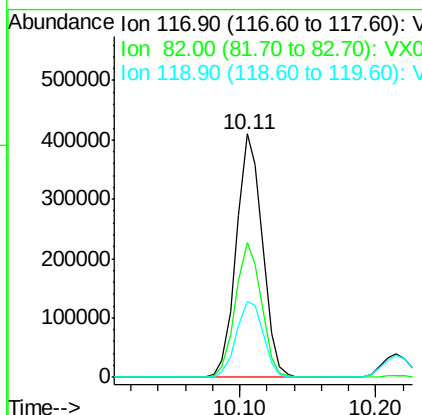
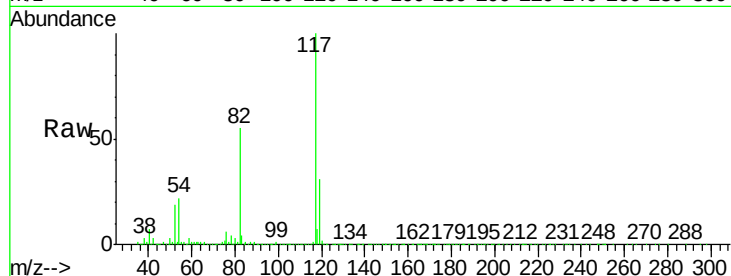




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

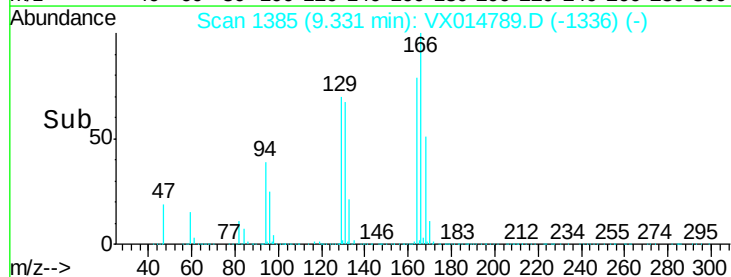
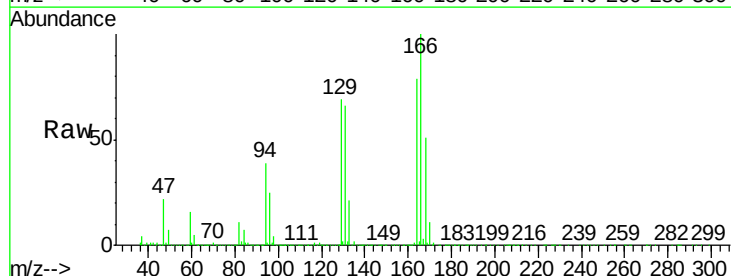
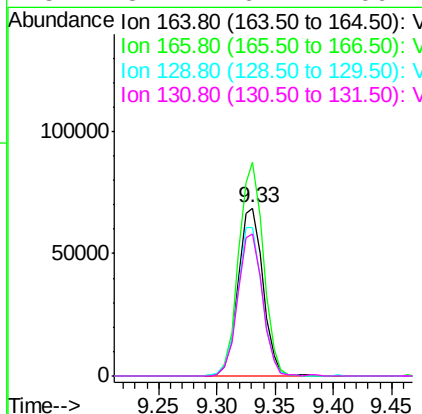
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

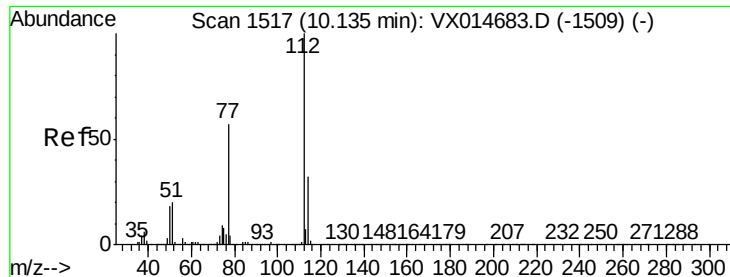
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.2	64.8
119	31.3	25.8	38.6



#64
Tetrachloroethene
Concen: 19.06 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.9	151.3
129	88.0	71.0	106.6
131	84.2	67.1	100.7

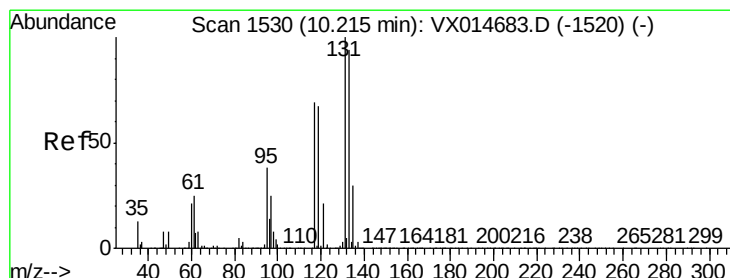
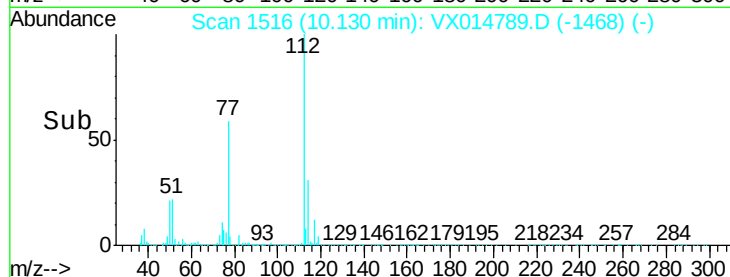
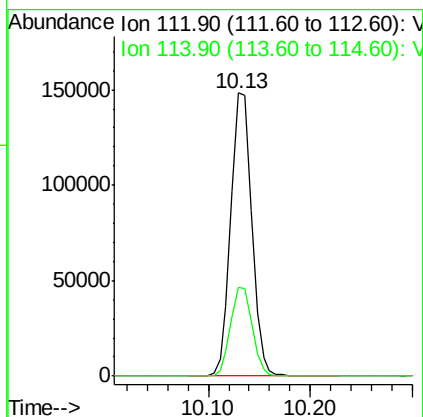
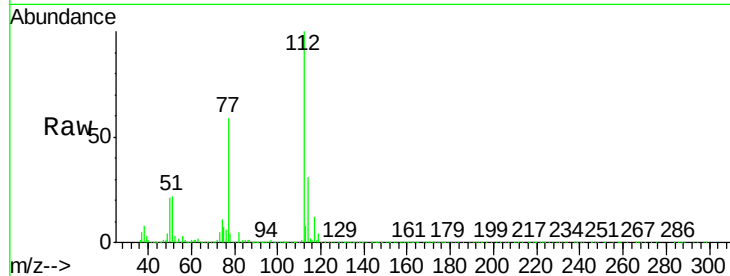




#65
Chlorobenzene
Concen: 18.04 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

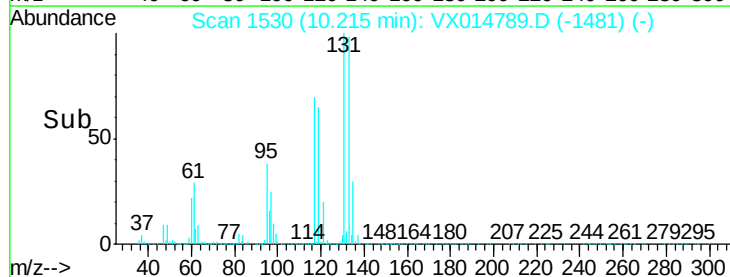
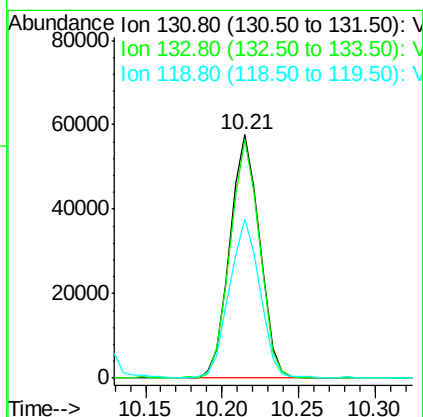
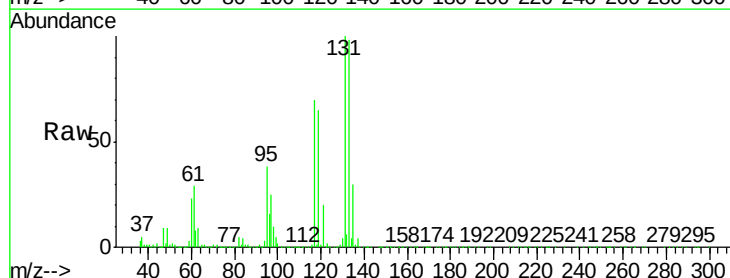
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

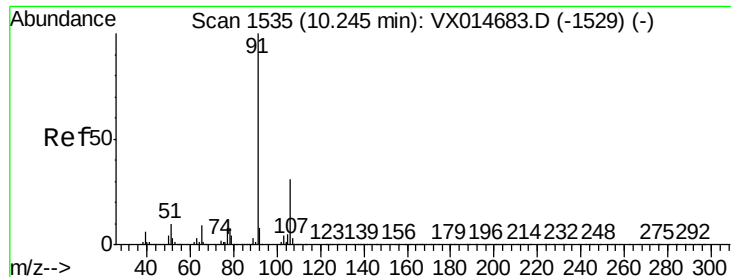
Tgt Ion:112 Resp: 209914
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.11 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion:131 Resp: 77690
Ion Ratio Lower Upper
131 100
133 97.4 47.4 142.3
119 66.6 33.3 99.8

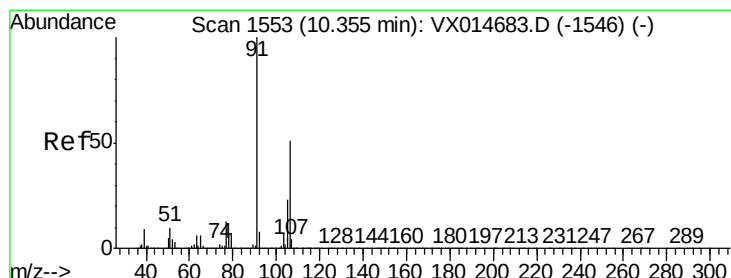
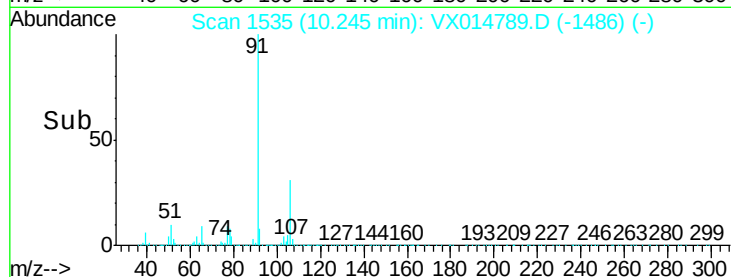
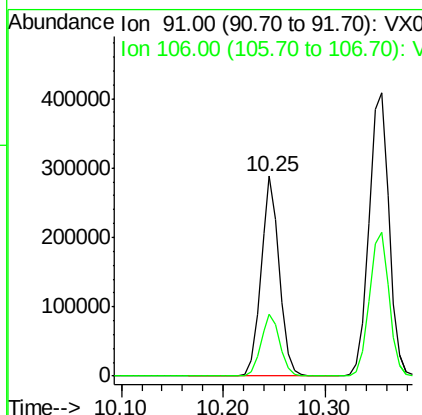
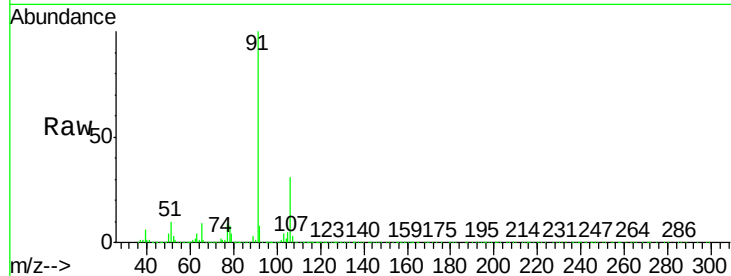




#67
Ethyl Benzene
Concen: 18.23 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

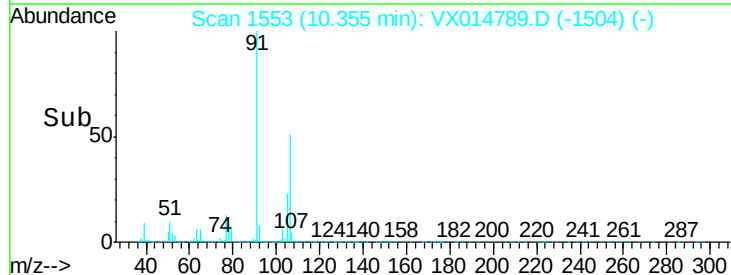
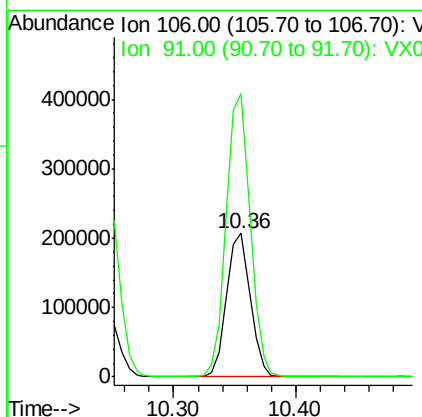
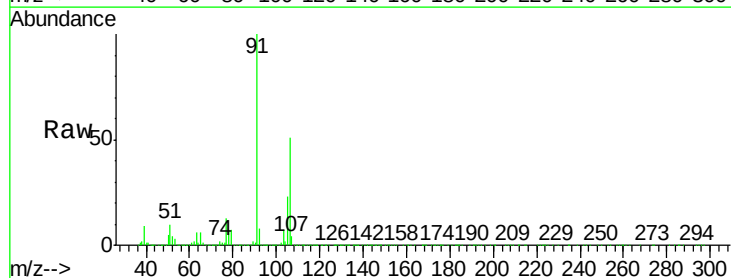
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

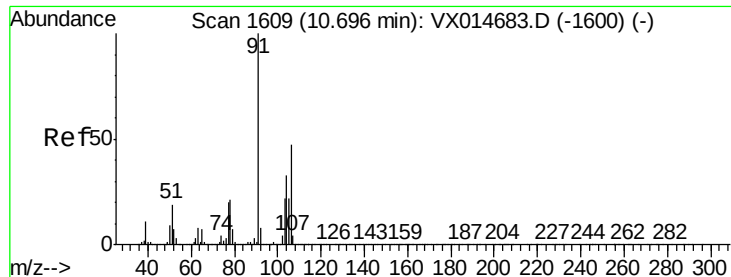
Tgt Ion: 91 Resp: 362100
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 36.79 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion: 106 Resp: 276904
Ion Ratio Lower Upper
106 100
91 200.0 159.4 239.2

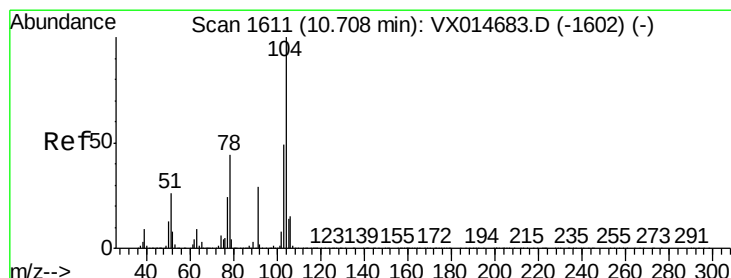
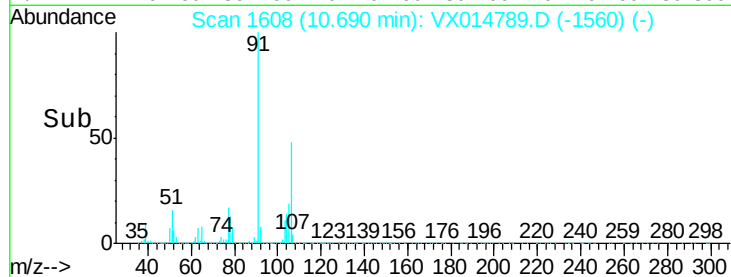
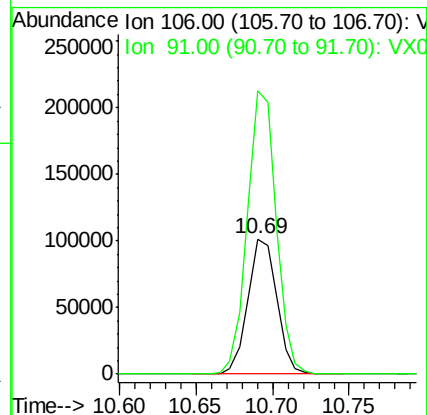
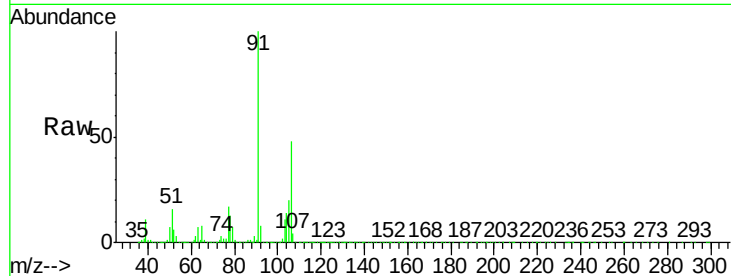




#69
o-Xylene
Concen: 18.41 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

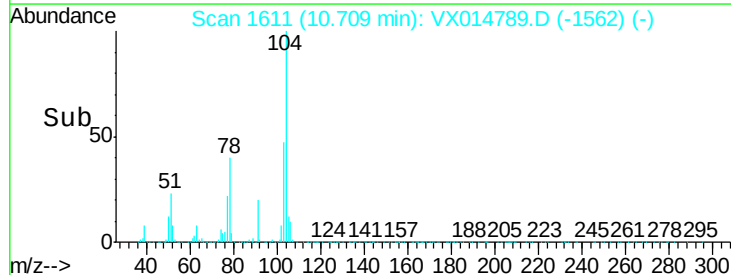
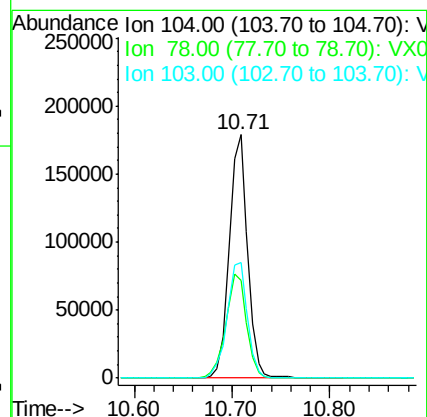
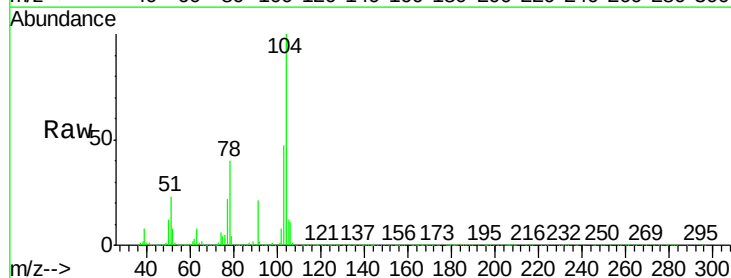
Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

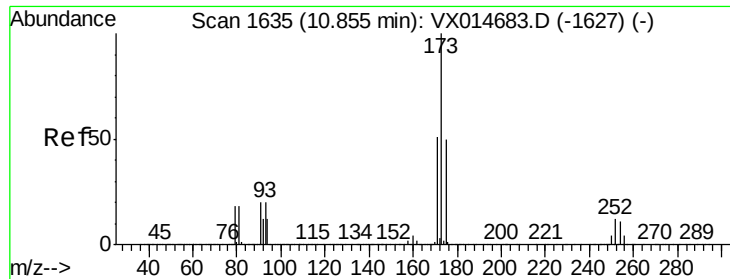
Tgt Ion:106 Resp: 133717
Ion Ratio Lower Upper
106 100
91 209.6 106.2 318.6



#70
Styrene
Concen: 19.05 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion:104 Resp: 232137
Ion Ratio Lower Upper
104 100
78 48.3 39.3 58.9
103 53.5 43.5 65.3





#71

Bromoform

Concen: 18.64 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

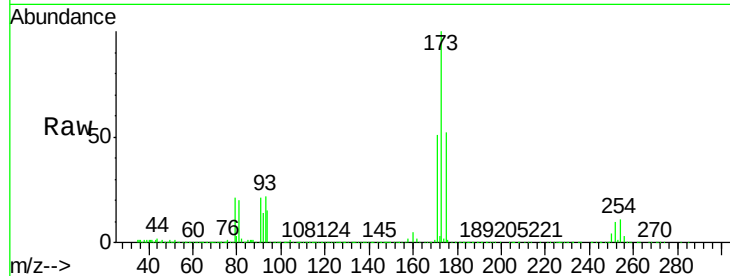
Tgt Ion:173 Resp: 63578

Ion Ratio Lower Upper

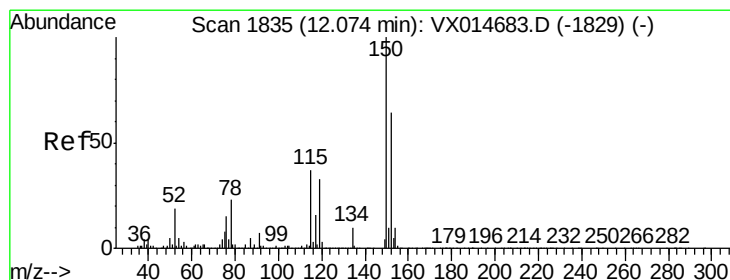
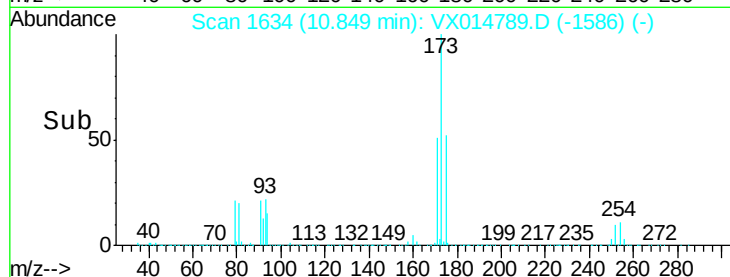
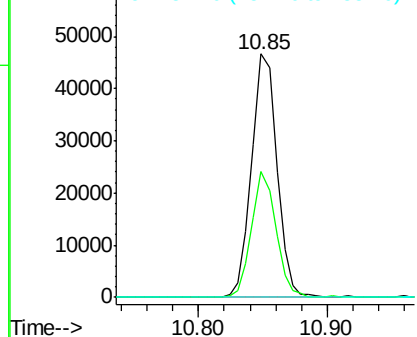
173 100

175 49.1 24.6 73.6

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

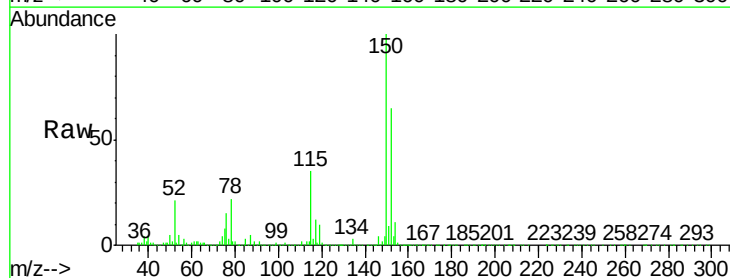
Tgt Ion:152 Resp: 274599

Ion Ratio Lower Upper

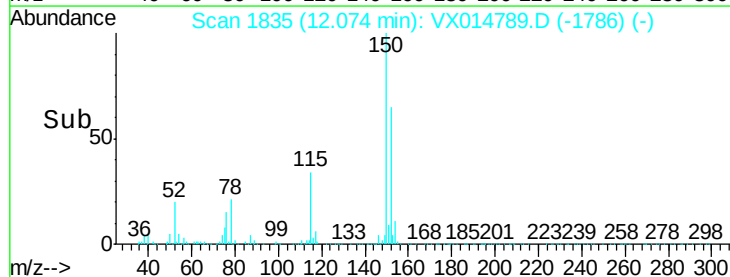
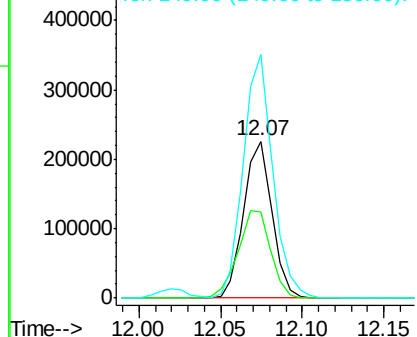
152 100

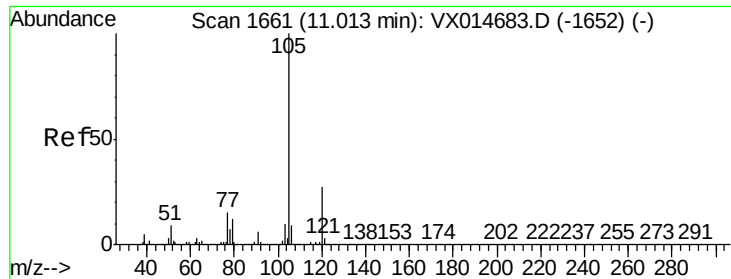
115 63.8 39.4 118.1

150 161.5 0.0 351.2



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





#73

Isopropylbenzene

Concen: 18.68 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

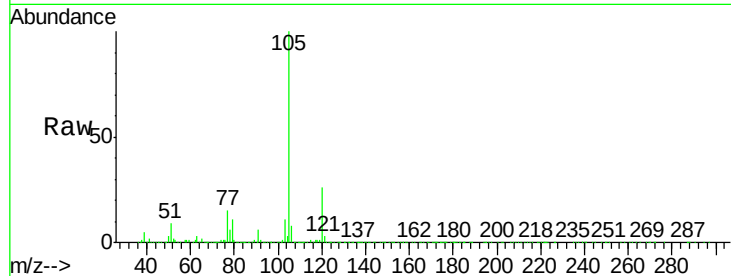
VX0203WBSD01

Tgt Ion: 105 Resp: 360770

Ion Ratio Lower Upper

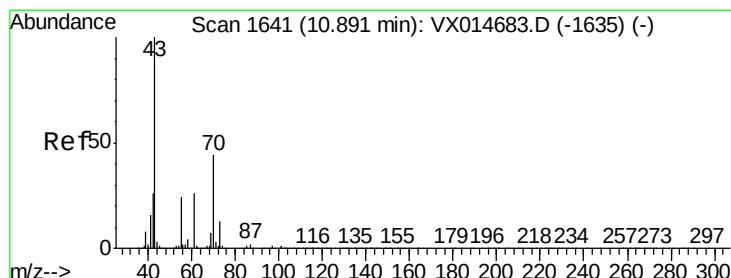
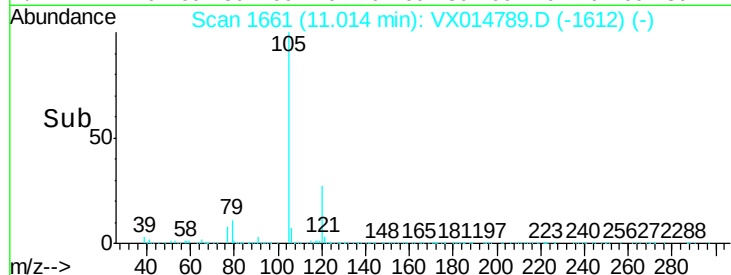
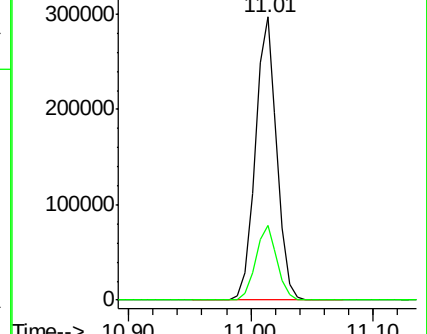
105 100

120 26.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.95 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Tgt Ion: 43 Resp: 151903

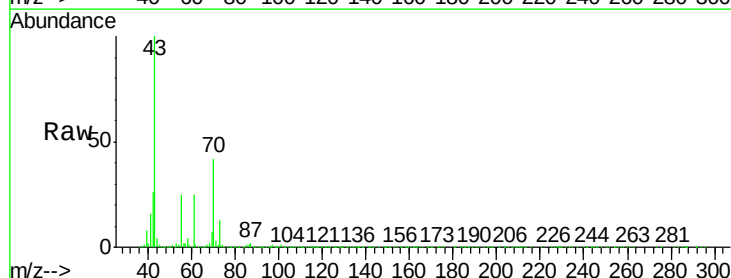
Ion Ratio Lower Upper

43 100

70 42.4 34.6 52.0

55 25.7 19.4 29.2

61 24.5 19.8 29.6

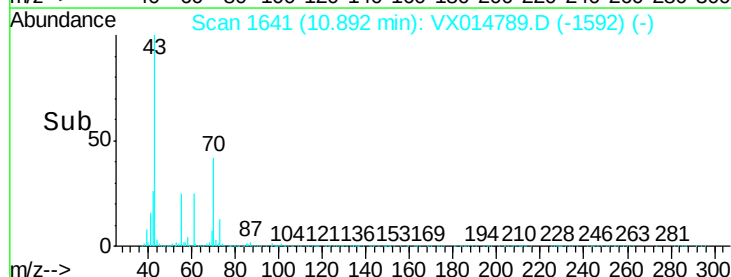
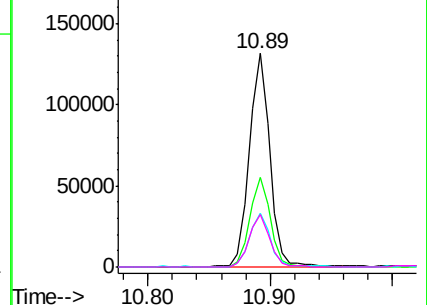


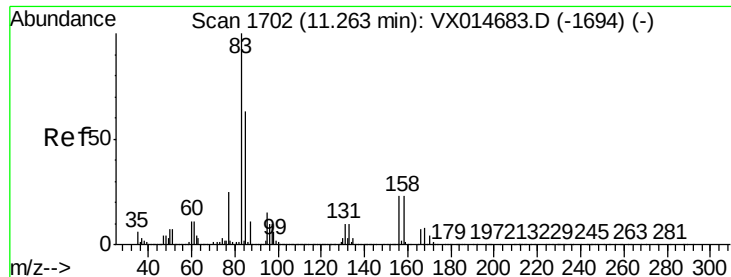
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.38 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

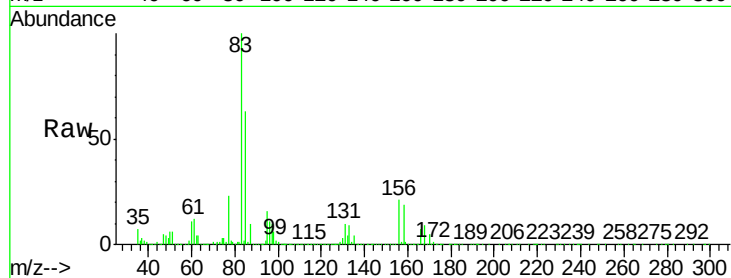
Tgt Ion: 83 Resp: 119805

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

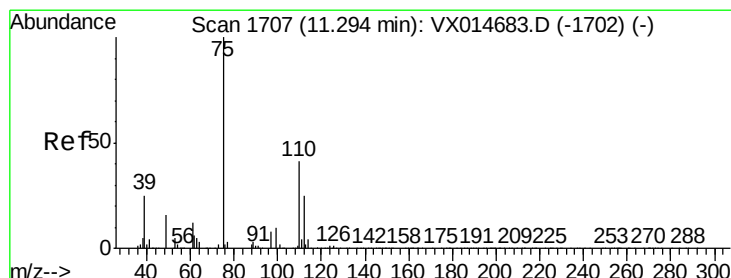
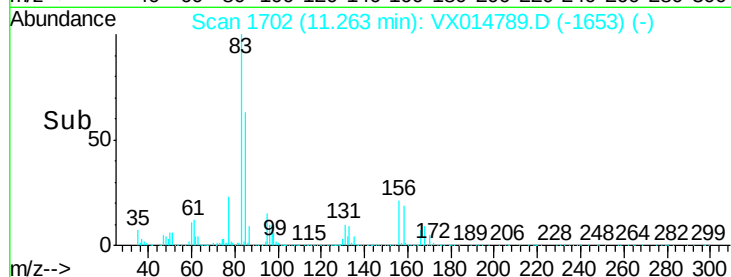
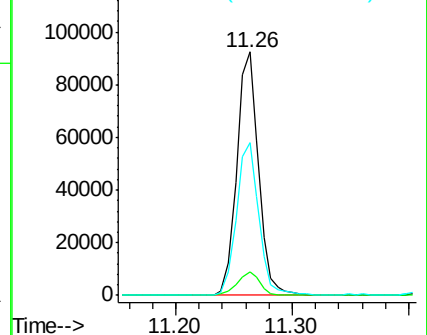
85 64.3 31.7 95.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.61 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014789.D

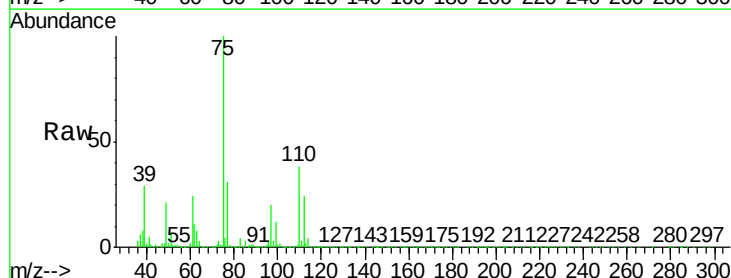
Acq: 03 Feb 2020 11:41

Tgt Ion: 75 Resp: 138061

Ion Ratio Lower Upper

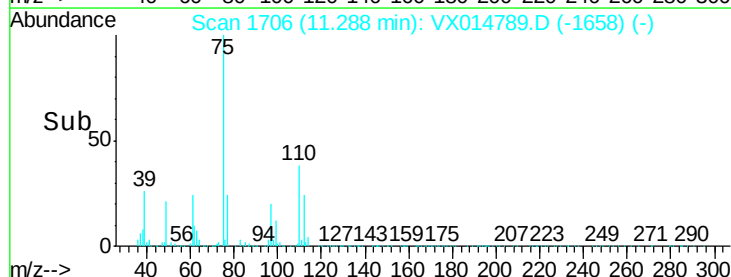
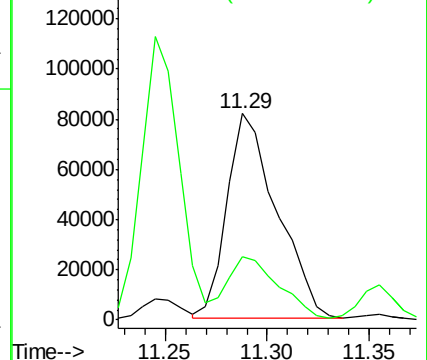
75 100

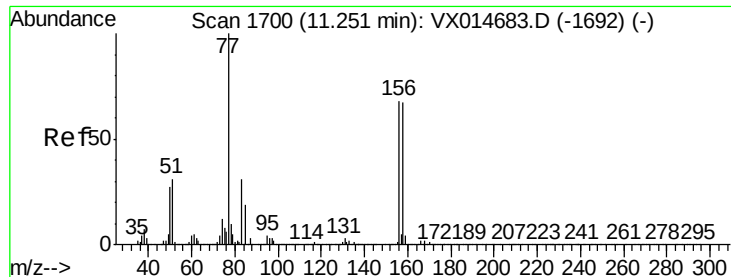
77 32.6 18.7 56.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.63 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

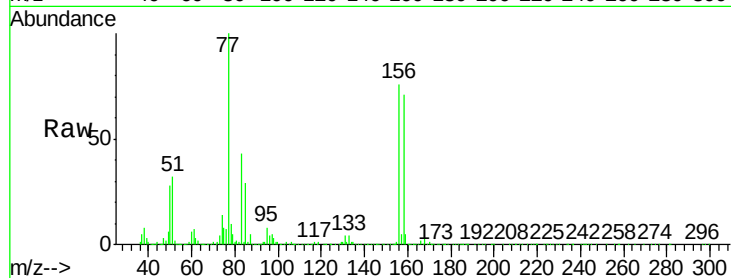
Tgt Ion:156 Resp: 96634

Ion Ratio Lower Upper

156 100

77 150.0 77.5 232.5

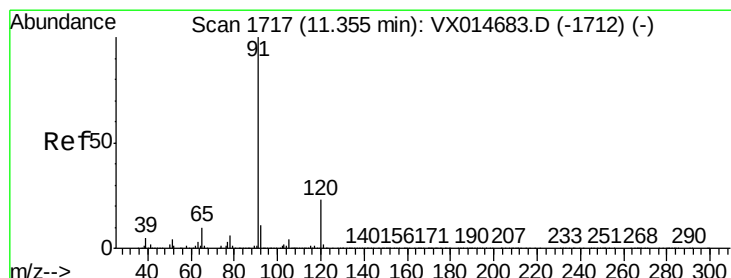
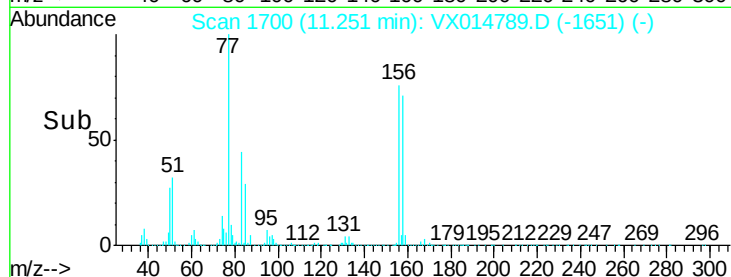
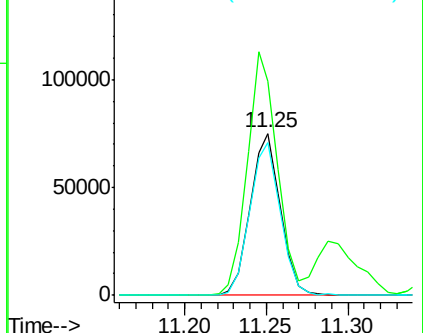
158 95.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.48 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014789.D

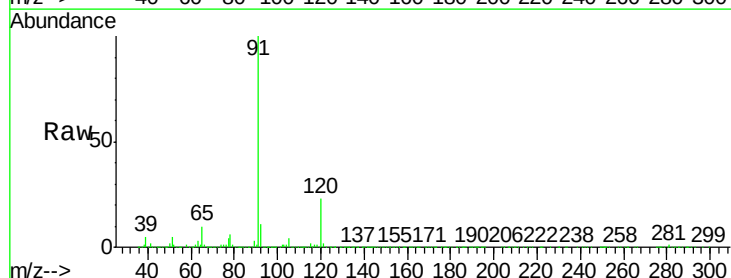
Acq: 03 Feb 2020 11:41

Tgt Ion: 91 Resp: 405106

Ion Ratio Lower Upper

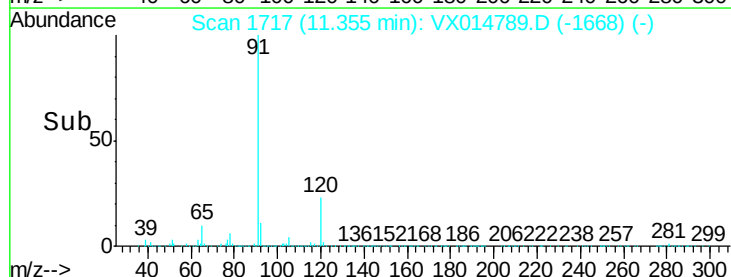
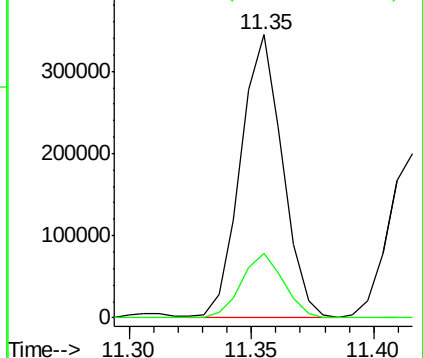
91 100

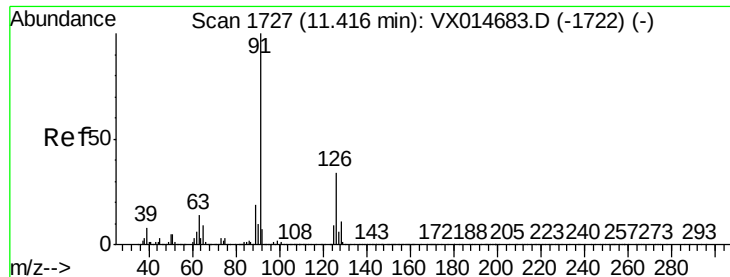
120 23.2 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.52 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

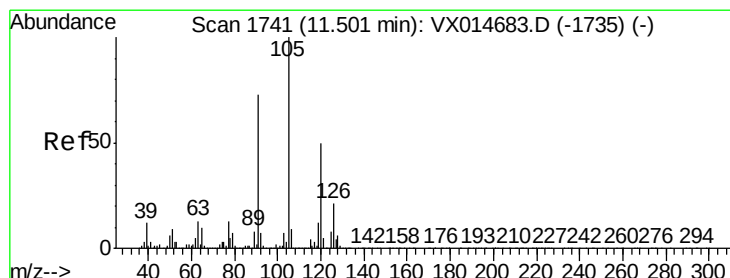
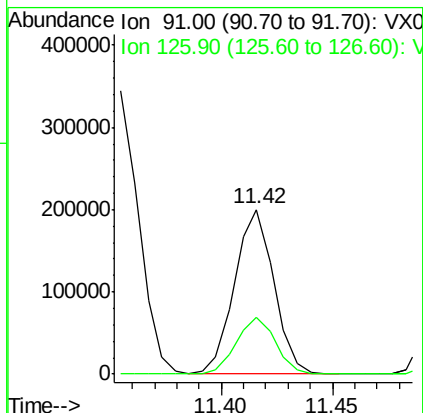
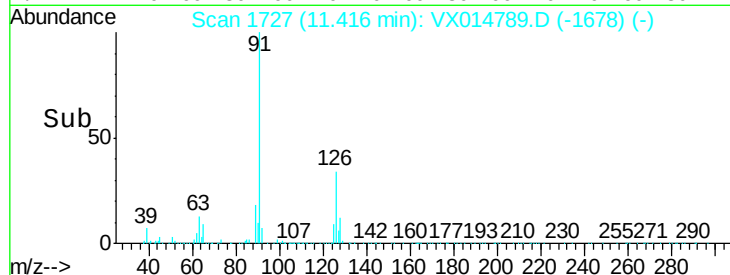
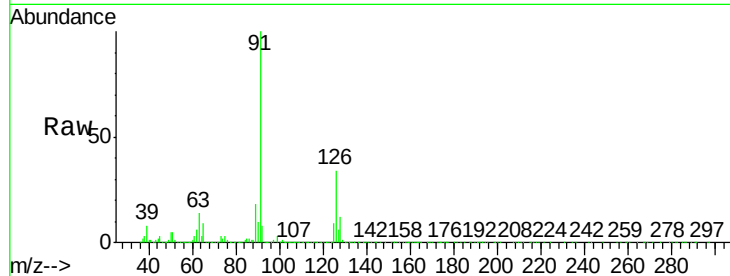
VX0203WBSD01

Tgt Ion: 91 Resp: 245655

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 18.84 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014789.D

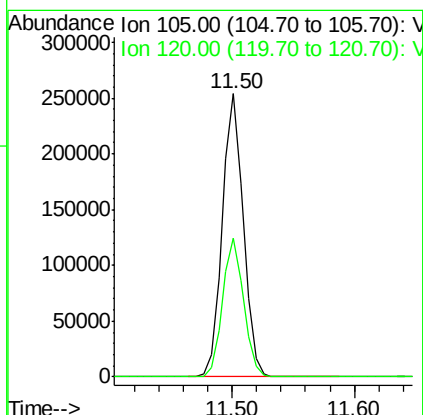
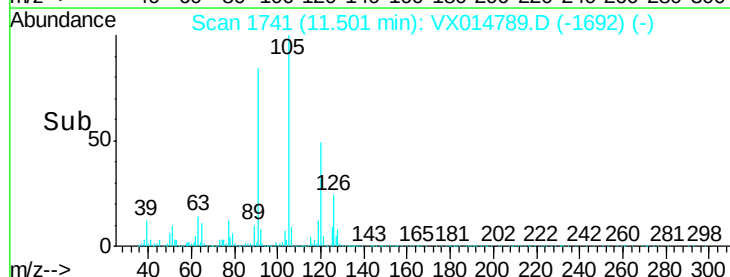
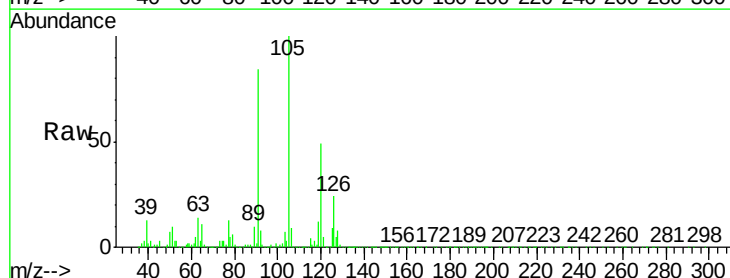
Acq: 03 Feb 2020 11:41

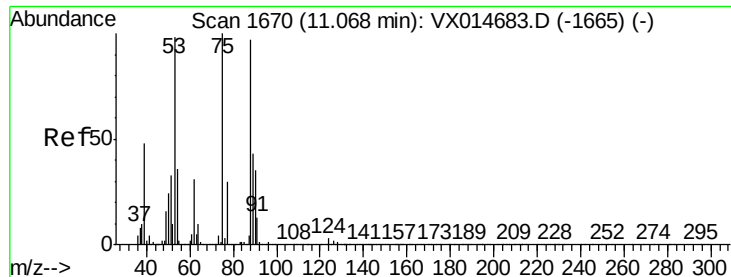
Tgt Ion: 105 Resp: 301831

Ion Ratio Lower Upper

105 100

120 49.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.05 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

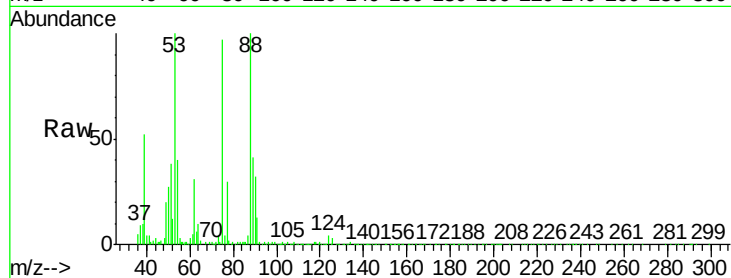
Tgt Ion: 75 Resp: 38273

Ion Ratio Lower Upper

75 100

53 100.9 78.8 118.2

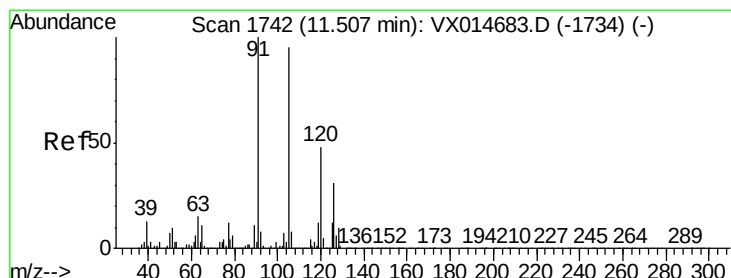
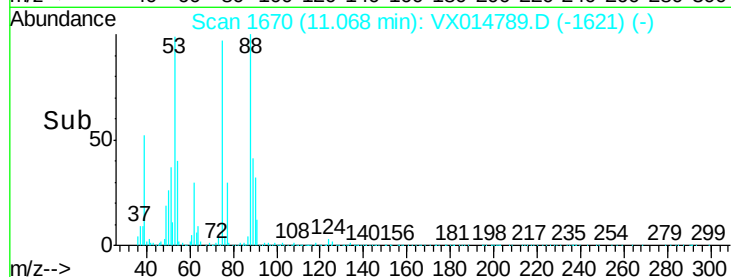
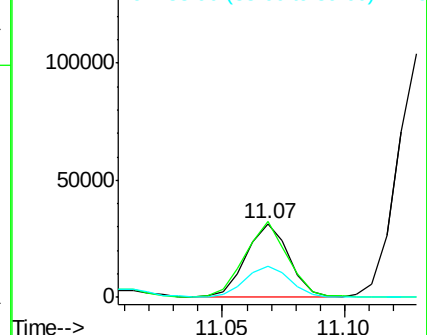
89 43.5 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.58 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014789.D

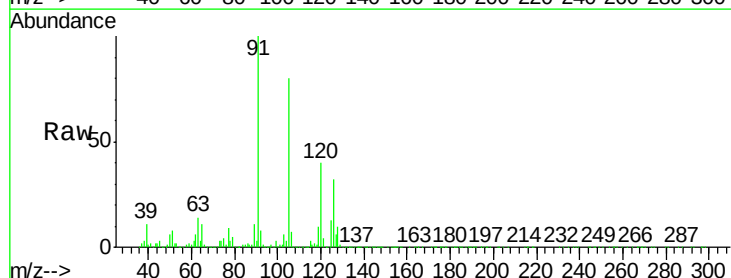
Acq: 03 Feb 2020 11:41

Tgt Ion: 91 Resp: 280536

Ion Ratio Lower Upper

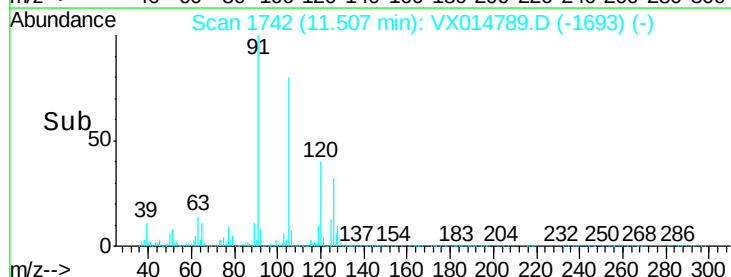
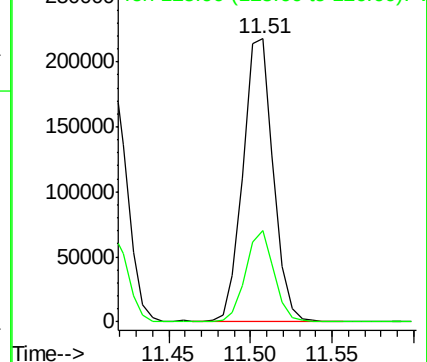
91 100

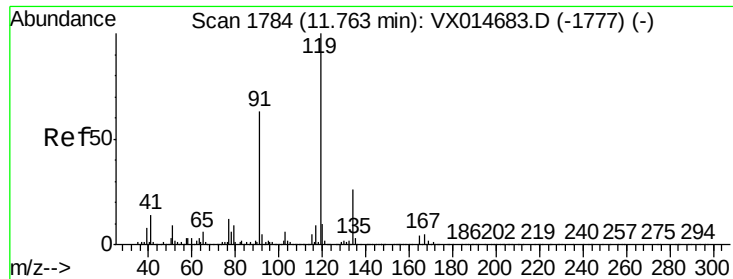
126 30.4 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

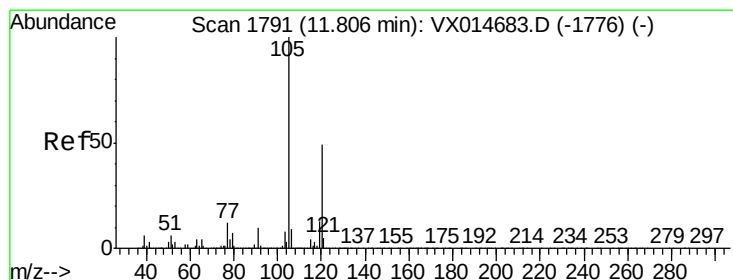
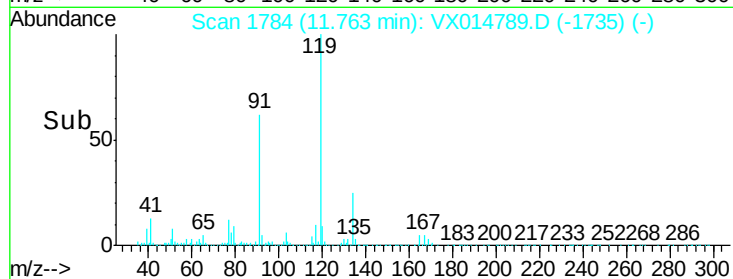
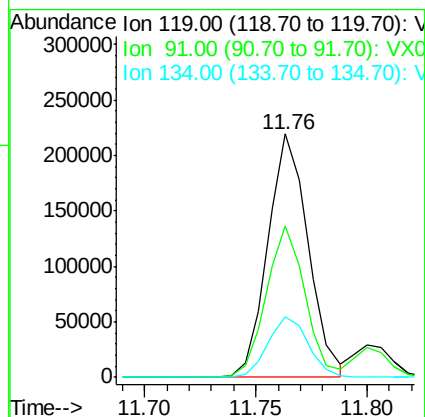
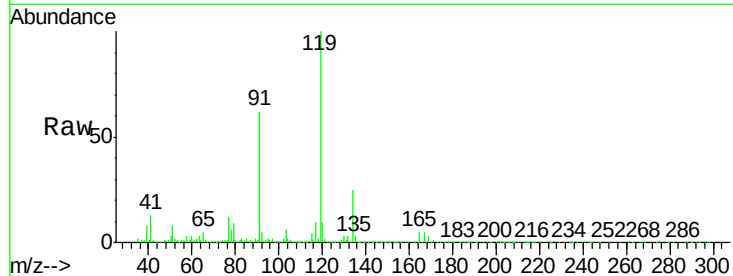




#83
 tert-Butylbenzene
 Concen: 18.33 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

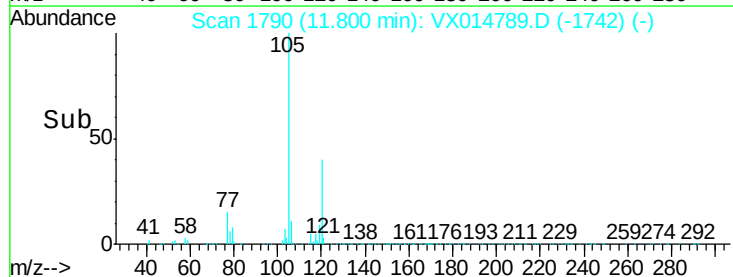
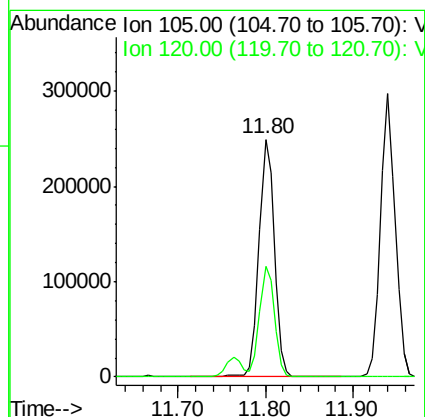
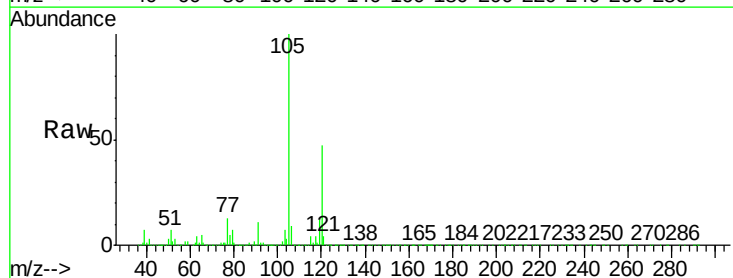
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

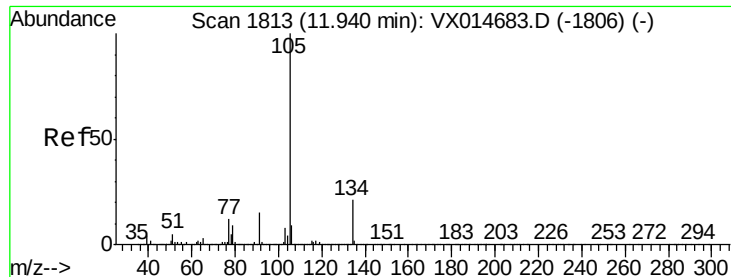
Tgt Ion:	119	Resp:	275960
Ion	Ratio	Lower	Upper
119	100		
91	59.7	30.0	90.0
134	24.8	12.7	38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.80 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion:	105	Resp:	302129
Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.4	70.0





#85

sec-Butylbenzene

Concen: 18.99 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

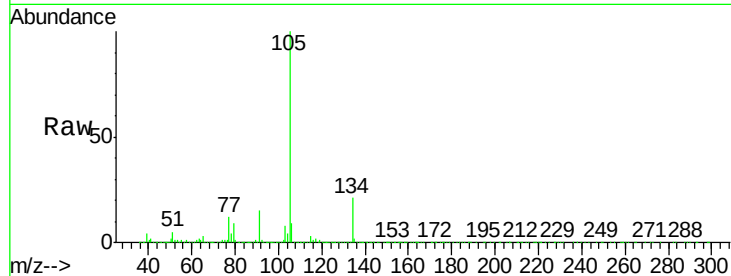
VX0203WBSD01

Tgt Ion:105 Resp: 350337

Ion Ratio Lower Upper

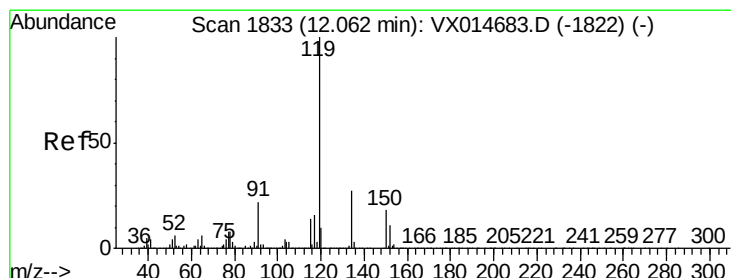
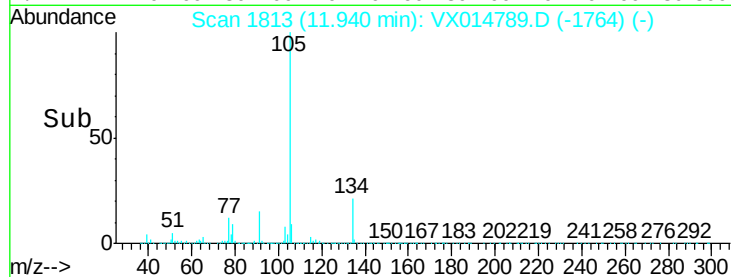
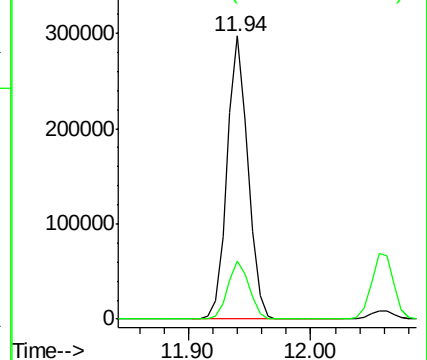
105 100

134 21.0 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.78 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

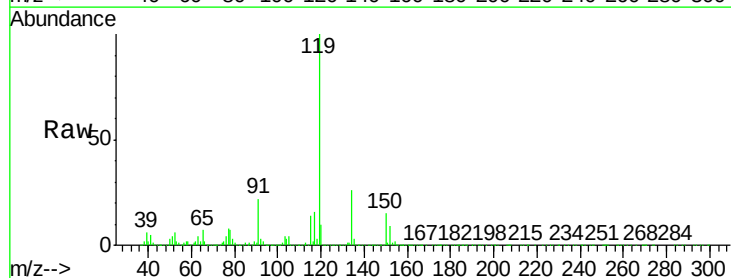
Tgt Ion:119 Resp: 320100

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

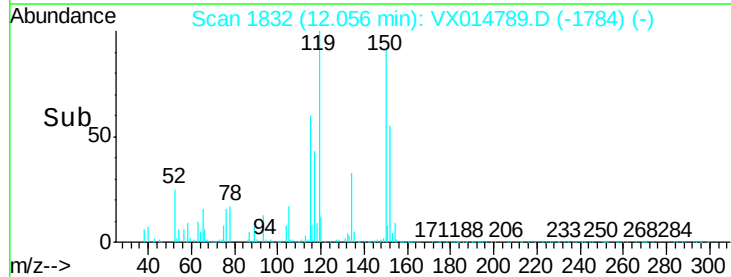
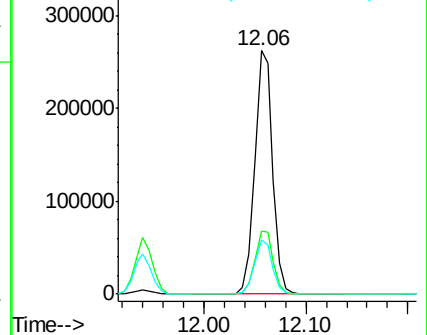
91 22.2 11.3 33.8

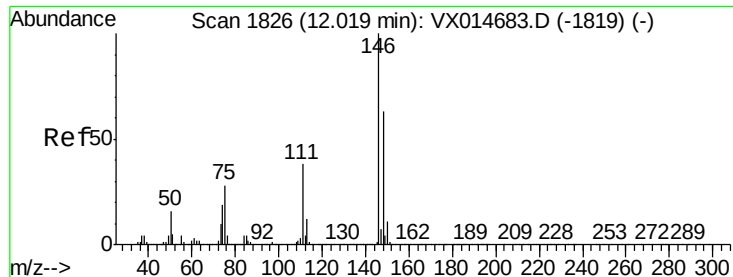


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.16 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

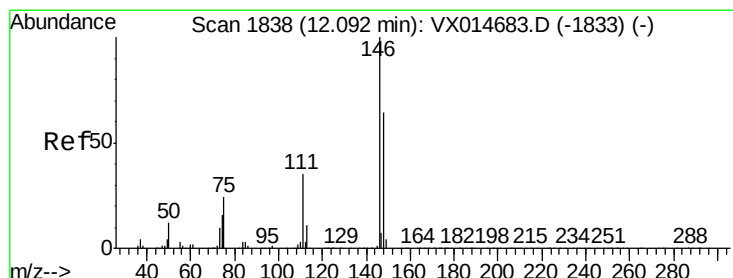
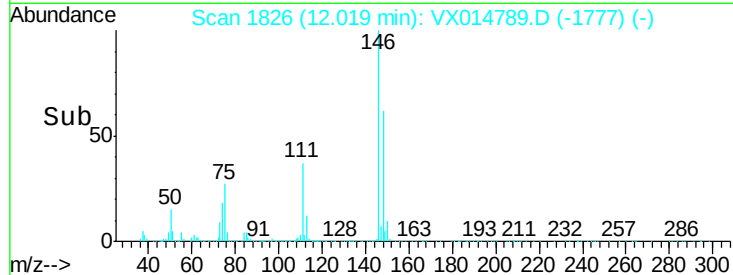
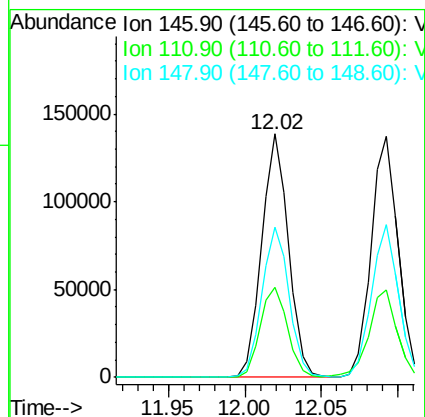
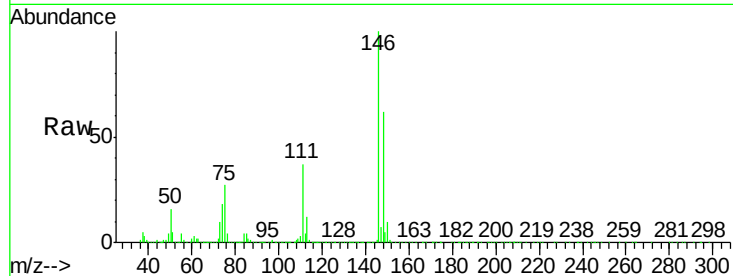
Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :
MSVOA_X
ClientSampled :
VX0203WBSD01

Tgt Ion:146 Resp: 169260

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.0	57.0
148	62.6	31.6	95.0



#88

1,4-Dichlorobenzene

Concen: 18.09 ug/l

RT: 12.09 min Scan# 1838

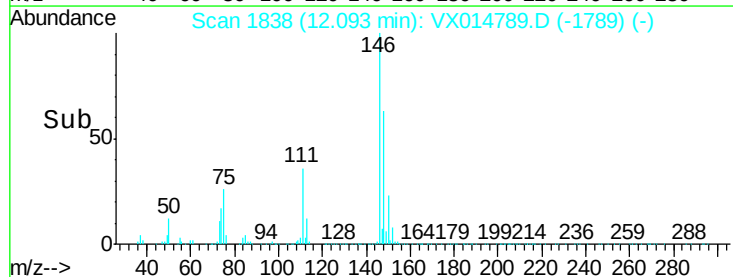
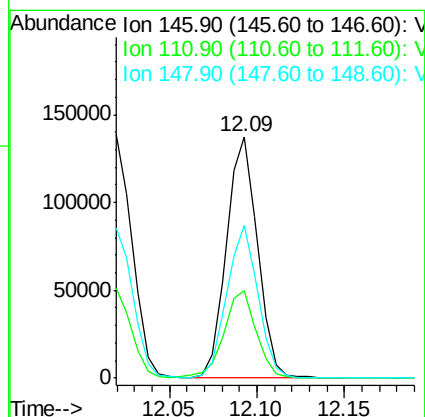
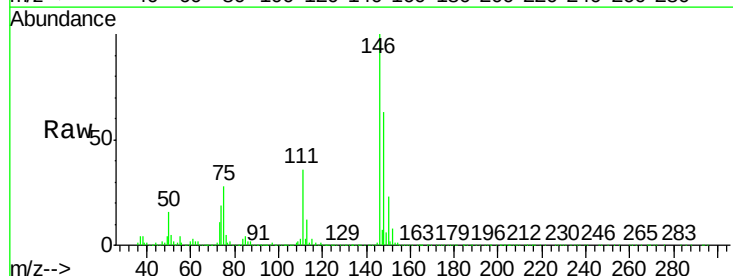
Delta R.T. 0.00 min

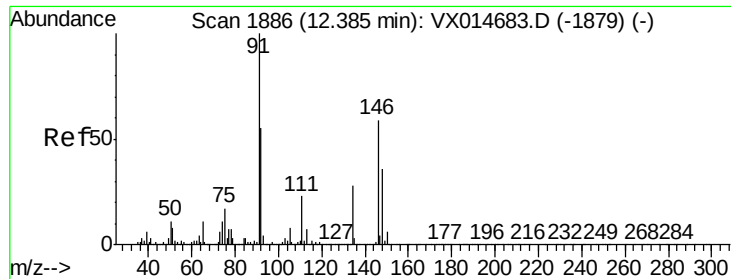
Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Tgt Ion:146 Resp: 168929

Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.8
148	63.1	32.0	96.2





#89

n-Butylbenzene

Concen: 17.83 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

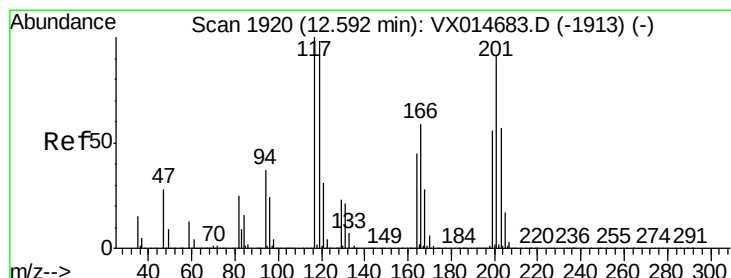
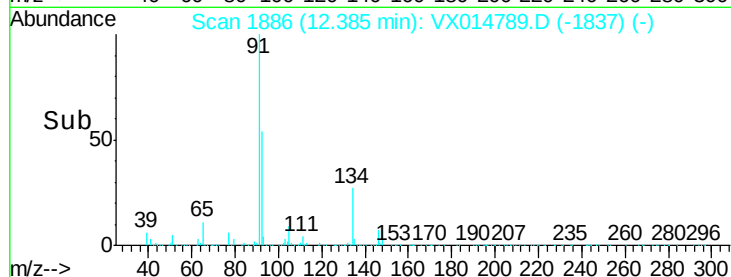
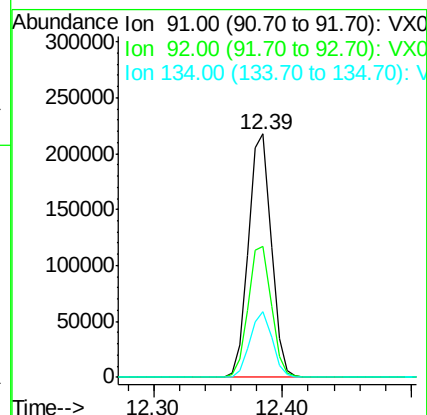
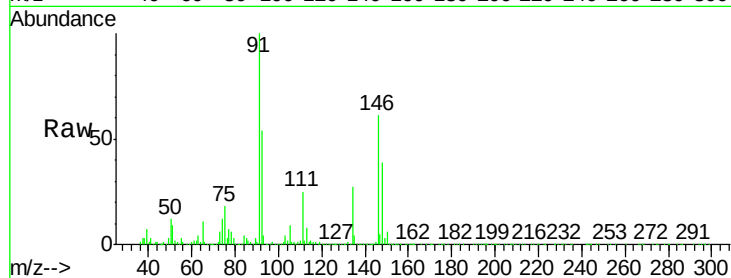
Tgt Ion: 91 Resp: 264723

Ion Ratio Lower Upper

91 100

92 55.0 27.6 82.7

134 26.2 13.3 39.8



#90

Hexachloroethane

Concen: 17.41 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014789.D

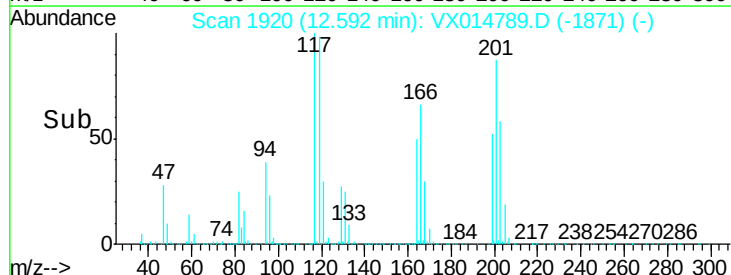
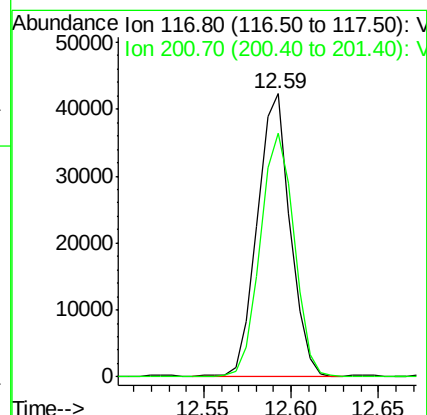
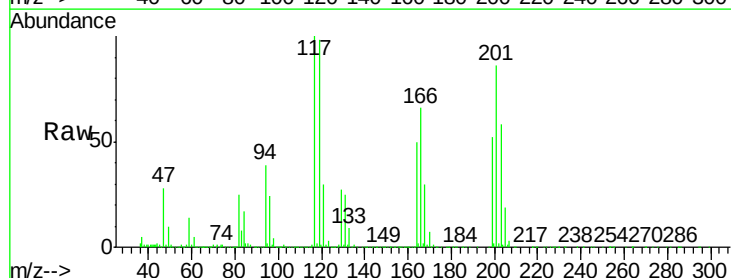
Acq: 03 Feb 2020 11:41

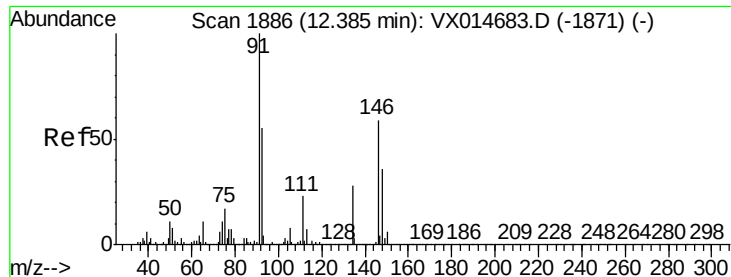
Tgt Ion: 117 Resp: 55143

Ion Ratio Lower Upper

117 100

201 89.1 44.4 133.1

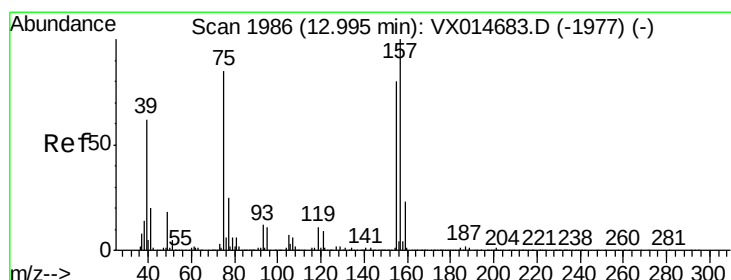
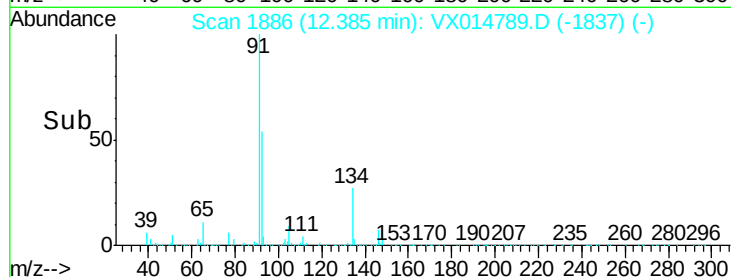
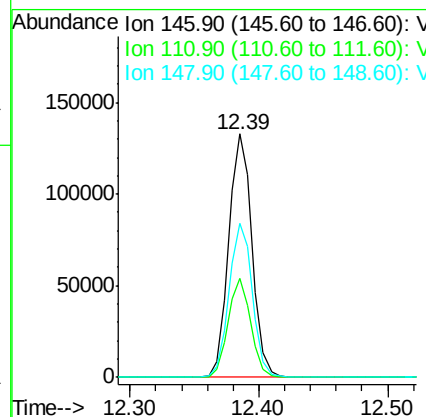
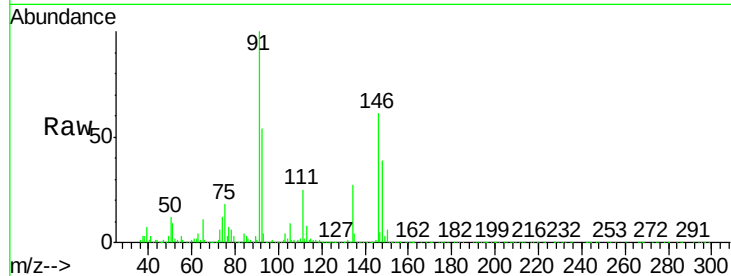




#91
 1,2-Dichlorobenzene
 Concen: 18.30 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

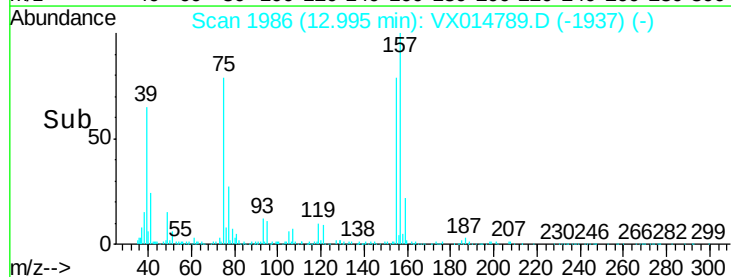
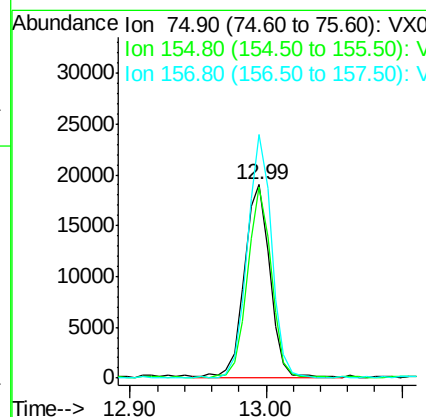
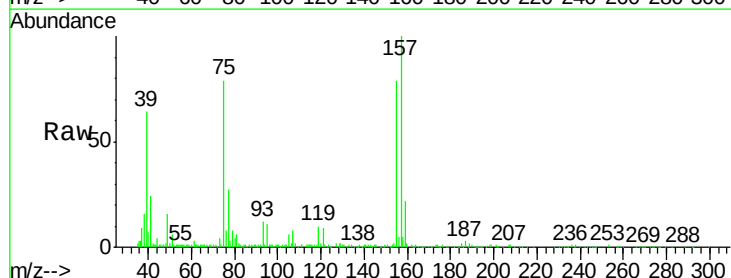
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0203WBSD01

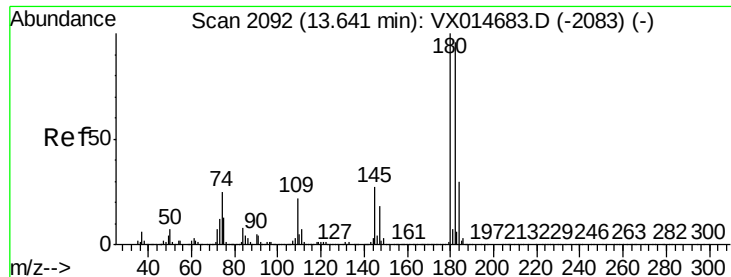
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.8
148	63.1	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.78 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014789.D
 Acq: 03 Feb 2020 11:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	45.6	136.9
157	120.0	60.3	180.9





#93

1,2,4-Trichlorobenzene

Concen: 18.19 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

Instrument :

MSVOA_X

ClientSampleId :

VX0203WBSD01

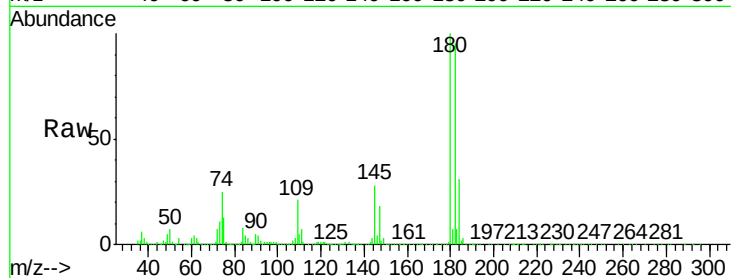
Tgt Ion:180 Resp: 108561

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.6

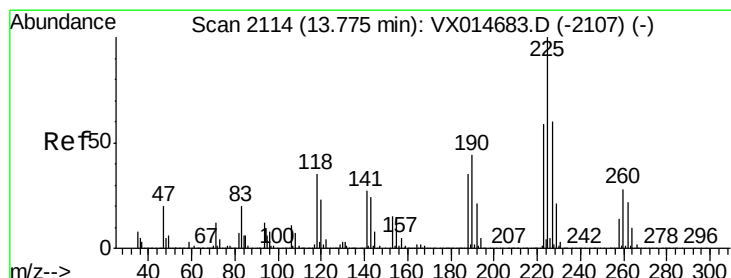
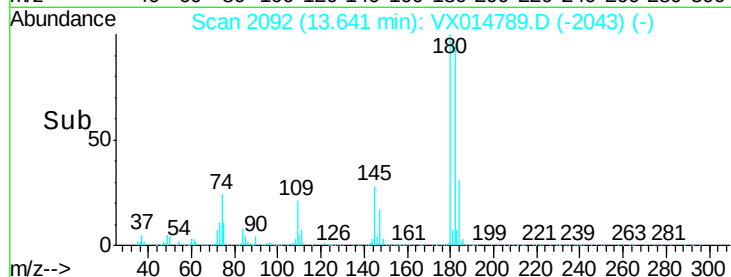
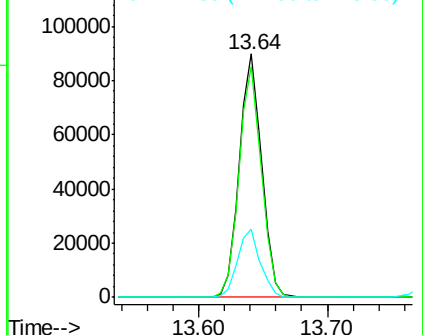
145 28.5 14.0 41.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.59 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX014789.D

Acq: 03 Feb 2020 11:41

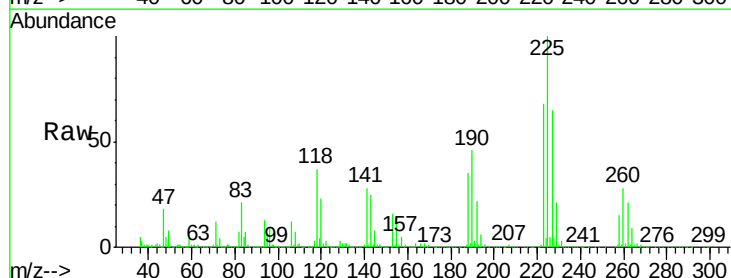
Tgt Ion:225 Resp: 57106

Ion Ratio Lower Upper

225 100

223 64.2 30.6 91.8

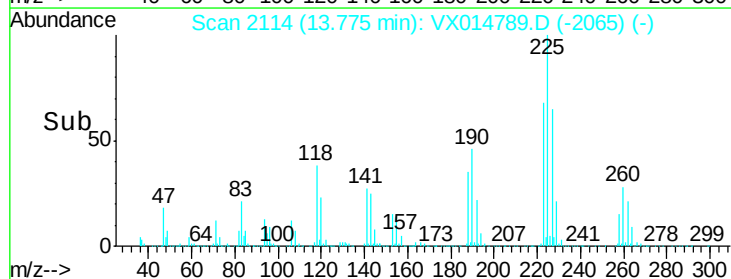
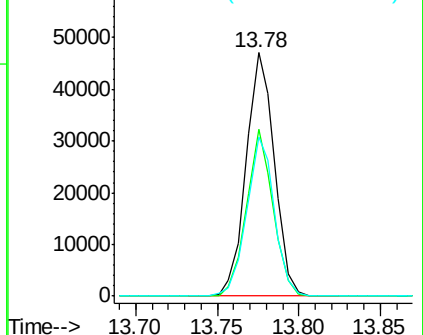
227 64.0 31.4 94.0

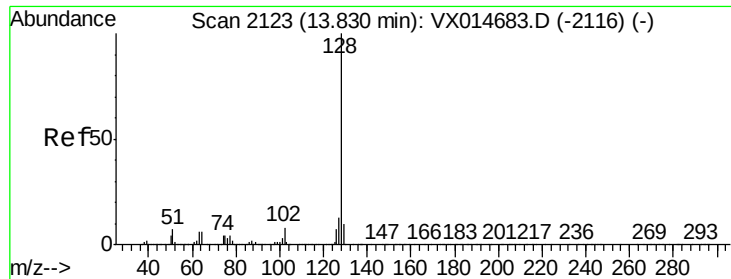


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

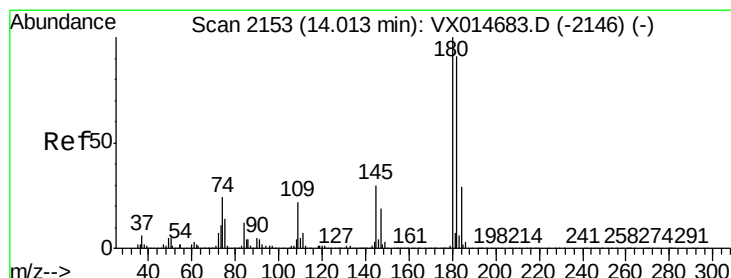
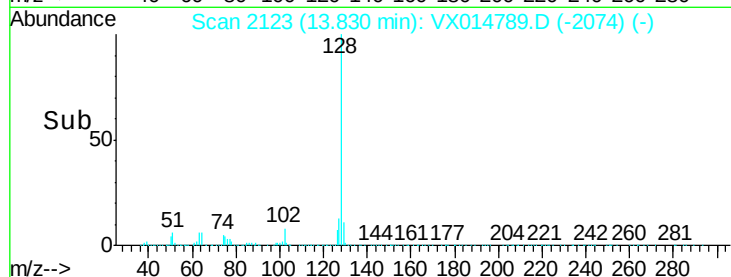
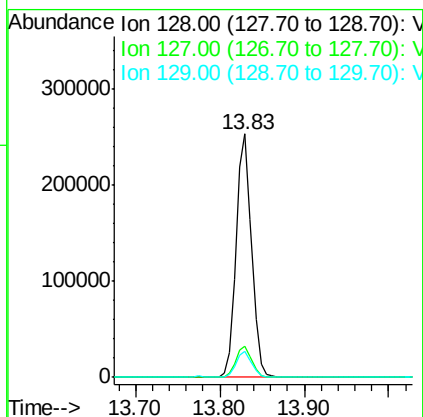
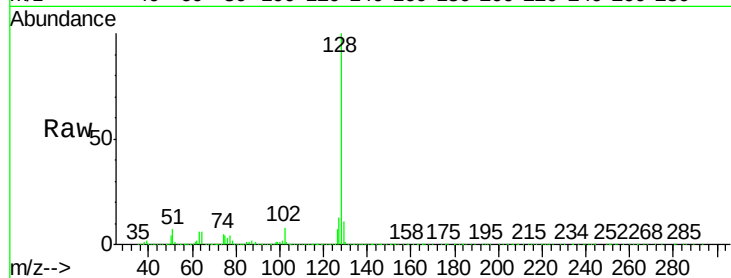




#95
Naphthalene
Concen: 16.80 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Instrument :
MSVOA_X
ClientSampleId :
VX0203WBSD01

Tgt Ion:128 Resp: 311250
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.22 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014789.D
Acq: 03 Feb 2020 11:41

Tgt Ion:180 Resp: 109961
Ion Ratio Lower Upper
180 100
182 96.1 46.6 139.7
145 30.1 14.7 44.1

